JSS Academy of Higher Education & Research

(Deemed to be University), Accredited A^{++} Grade by NAAC

JSS Medical College

Mysuru





Contributions towards, United Nations Sustainable Development Goals

2024

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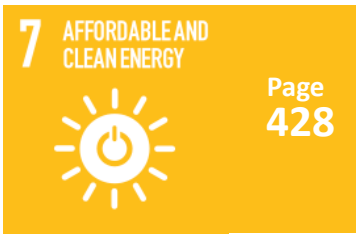
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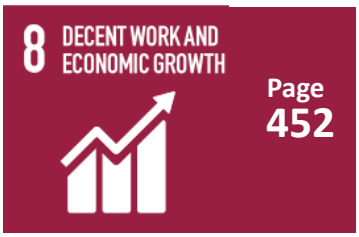
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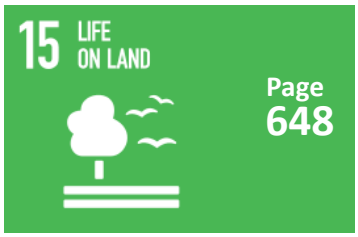

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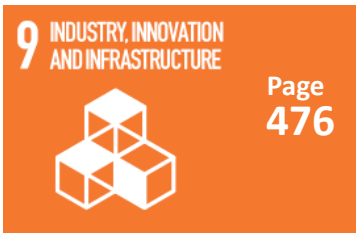

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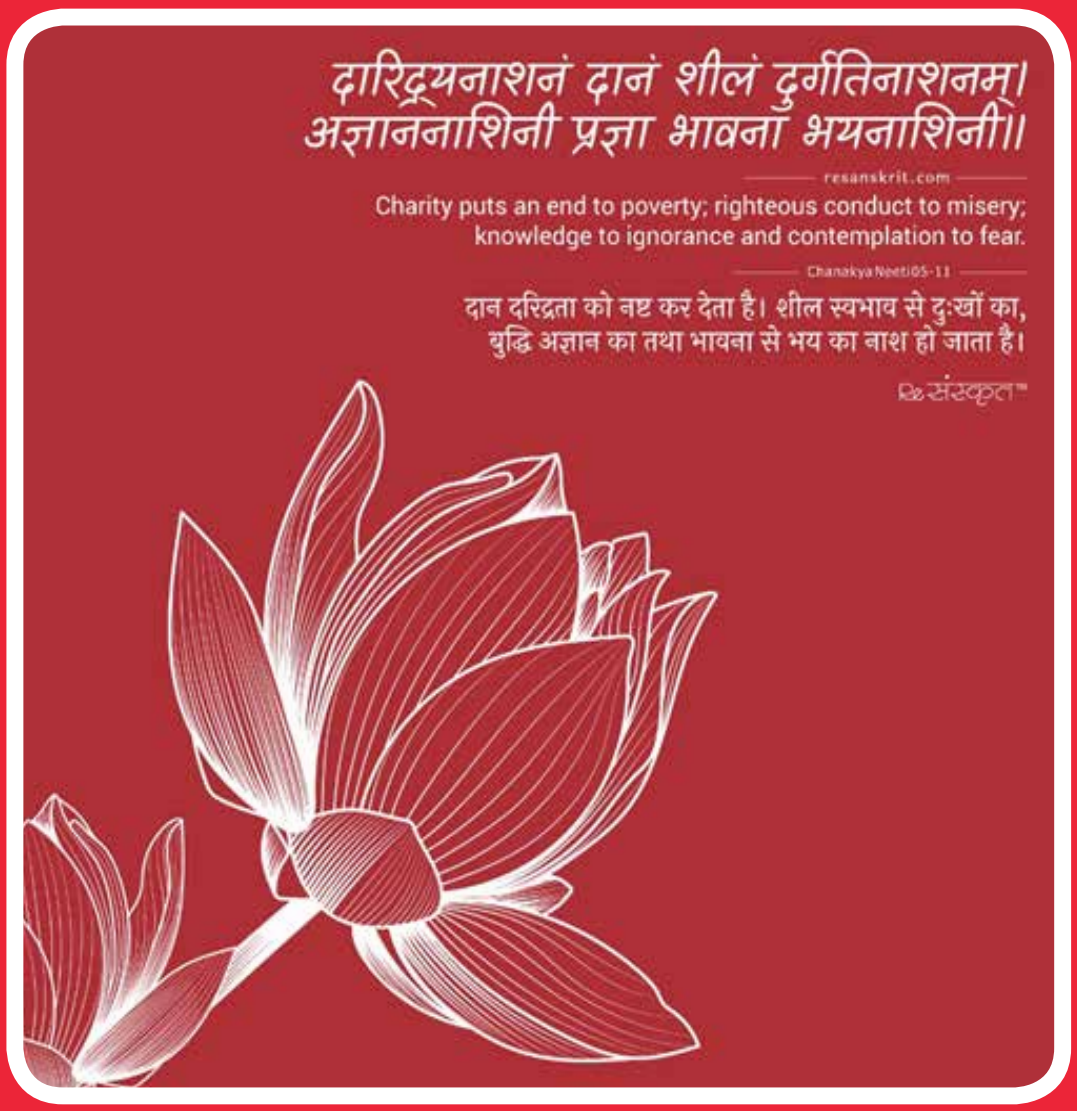

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Contributors



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A GLANCE AT OUR EFFORTS

Contributions by faculty towards elderly
Rs. 4,50,658

Medical students social responsibility initiative to donate materials to the children in urban slums

Implementation of Ayushman Bharat, Yashaswini, Vajpayee Aarogyashree schemes in hospitals to help poor

Healthcare at a subsidized cost in urban slums through JSS urban health care

Poor patient fund contributed by doctors at JSS Hospital

Free Health Camp and wellness activities

Quality and economic tertiary health centre

ABOUT THE SDG

When there is no poverty with equitable distribution of income and opportunity, everyone is free to follow their dreams.

A world free of poverty is one in which everyone has access to food, shelter, and healthcare, as well as opportunities and dignity for everyone.

In a world free from poverty, equality of access to resources and knowledge ensures personal growth and develops society.

If all get a chance to be educated and to participate in the processes of decision-making, human rights are totally respected.

All people have access to nutritious diets, potable water to drink, and affordable healthcare.

Economic systems are designed to promote equity and inclusivity, which reduces inequality. Innovation thrives when everyone can make use of their abilities to benefit and add.

Sustainable development strategies are prioritized in order to guarantee that resources will be available for future generations.

Communities that have greater public health and reduced crime rates are more stable.

Strong social safety nets minimize poverty in people's lives.

INITIATIVES UNDER THIS GOAL

1. JSS Medical College is committed to supporting those from lower socioeconomic backgrounds overcome the financial burden of high medical costs associated with a range of medical conditions.
2. In an effort to keep families out of poverty as a result of exorbitant out-of-pocket medical expenses, the JSS Medical College and Hospital have taken several initiatives.
3. These consist of creating a fund for the impoverished, making an impact to the care of the elderly while encouraging medical students to take part in acts of social responsibility.
4. Additionally, the college has put in place several government health insurance programs and offers urban slum inhabitants with economical healthcare services through the JSS Urban Health program.
5. The establishment of hospitals with 100 beds and discounted diagnostic services has made a major contribution to serving those in need in Chamarajanagar with excellent medical services.
6. With the goal to broaden healthcare services further, the organization is transforming the local population of Suttur into a model health village program and offering medical care there.

Furthermore, the college encourages well-being by means of a number of initiatives and preventive therapy.

1. Home care visits by Geriatrics Department for all elderly and aged population at Mysuru at affordable cost and with free transport facilities.
2. JSS Urban Health Centre situated at Medar's block, Mysuru and rural health training centre situated at Suttur are providing much-needed medical care to the people in urban slums and rural communities.
3. JSS Medical College, has joined hands with government of Karnataka in providing health care to the people in rural areas by adapting primary health centres.
4. Encourage medical students to donate supplies / stationaries/learning resources to the kids in Anganwadi centres and primary schools as a social responsibility under medical students' social responsibility initiative.
5. Employees of JSS Medical College extend help to the poor through Poor Patient's Fund and elderly fund.
6. All of the government of India's welfare programmes, including Ayushman Bharath, Yashawini, ESI, and Vajpayee Aarogyshree are being implemented in the hospital.
7. To help the needy and poor, JSS Medical College conducts
   i. Regular health education programmes on prevention and control of common ailments
   ii. Free health check-up camps for people in rural, urban and tribal areas.
   iii. Cataract and eye health campus
   iv. Screening programmes for hypertension, diabetes, cancer etc.
   v. School health appraisal programme covering more than 20000 children annually.

FREE HEALTH CHECK UP CAMPS TO CATER THE HEALTH NEEDS OF THE POOR

EVENT	DATE	PLACE	ORGANIZATION	NO. OF BENE-FICIARIES
General Health Camp	11-07-2023	Kanti Mallanna Kalyana Mantap, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	366
8th Mega Health Camp	23-07-2023	Saragur	JSS Hospital, Mysuru	470
Cancer Screening Camp,	26-07-2023	Ch.Nagar	JSS Hospital, Mysuru	250
9th Mega General Health camp	13-08-2023	JSS Degree College, Gundlupet	JSS Hospital, Mysuru	378
General Health Camp	08-08-2023	Kanti Mallanna Kalyana Mantapa Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	403
9th Mega General Health camp	27-08-2023	Saragur	JSS Hospital, Mysuru	320
10th Mega General Health camp	10-09-2023	JSS Degree College, Gundlupet	JSS Hospital, Mysuru	504
General Health camp	12-09-2023	Kanti Mallanna Kalyana Mantapa, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	349
10th Mega General Health camp	24-09-2023	Saragur	JSS Hospital, Mysuru	317
Health Camp held	28-09-2023	JSS Layout, 2nd Stage, Mysuru	JSS Hospital, Mysuru	186
Heart Health Awareness Camp	30-09-2023	Jain Bhavan Mysuru	JSS Hospital, Mysuru	130
Mega Health Camp,	02-10-2023	Ch.Nagar	JSS Hospital, Mysuru	1663
11th Mega Health Camp,	08-10-2023	Gundlupet	JSS Hospital, Mysuru	447
General Health Camp	10-10-2022	Kanti Mallanna Kalyana Mantapa, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	323
11th Mega Health Camp,	29-10-2023	Saragur	JSS Hospital, Mysuru	406
12th Mega Health Camp,	19-11-2023	Gundlupet	JSS Hospital, Mysuru	256
General Health Camp	21-11-2023	Kanti Mallanna Kalyana Mantapa, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	330
13th Mega Health Camp	09-12-2023	Gundlupet	JSS Hospital, Mysuru	558

General Health Camp	12-12-2023	Kanti Mallanna Kalyana Mantap, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	376
13th Mega Health Camp	08-01-2024	Saragur	JSS Hospital, Mysuru	700
General Health Camp	09-01-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust, Mysuru	435
General Health Camp	29-01-2024	Kanti Mallanna Kalyana Mantap, Mysuru	JSS Hospital, Mysuru	300
General Health Camp	13-02-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	445
Health Camp,	18-02-2024	Sankalp Central Park,Yadavgiri	JSS Hospital, Mysuru	200
General Health Camp	12-03-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	372
General Health Camp	31-03-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	150
General Health Camp	02-04-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	150
General Health Camp	22-05-2024	KR Nagar	JSS Hospital, Mysuru	250
Geriatric Health Camp	26-05-2024	Ooty	JSS Hospital, Mysuru	`100
General Health Camp	07-06-2024	Nanjangud	JSS Hospital, Mysuru	682
General Health Camp	11-06-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	210

CAMP PHOTOS





























Geriatric


FOOL ROOM








Cardiology








Research Projects

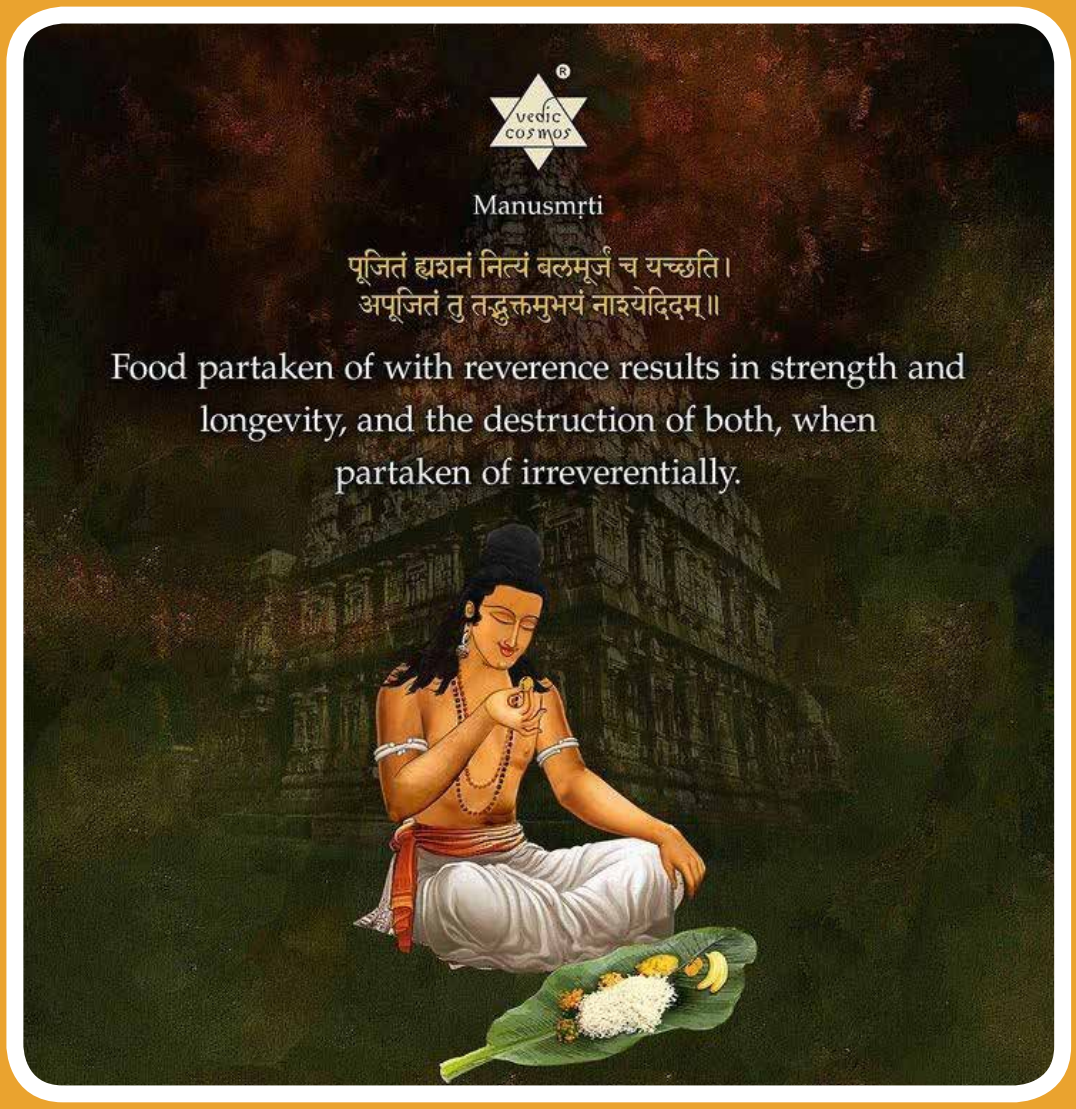
SI NO	TITLE	INVESTIGATORS	FUNDING AGENCY	DURATION
1	Developing a low-cost protocol for screening the newborns for spinal muscular atrophy using dried blood spots	Anju S Dr. Prashant V	JSSAHER	01 Year
2	Cost of illness and Diabetes-Specific Quality of Life among Type 1 Diabetic adolescents in Mysore District	Madhu B Dr Sulochana	Mamta HMIC, NewDelhi	01 Year
3	Economic cost effectiveness of FRAX based osteoporosis treatment thresholds for India	Dr.Lakshmi Nagendra Associate Professor of Endocrinology, JSSMC, Mysuru	JSSAHER	01 Year

PUBLICATIONS

1. Jayasooriya S, Stolbrink M, Khoo EM, Sunte IT, Awuru JI, Cohen M, Lam DC, Spanevello A, Visca D, Centis R, Migliori GB. Clinical standards for the diagnosis and management of asthma in low-and middle-income countries. The International Journal of Tuberculosis and Lung Disease. 2023 Sep 1;27(9):658-67.
2. Mahesh PA, Kaleem Ullah M, Parthasarathi A. Allergic sensitization to foods in India and other Low–Middle income countries. Clinical & Experimental Allergy. 2023 Jul;53(7):739-50.
3. Arunachala, S., Parthasarathi, A., Basavaraj, C.K., Kaleem Ullah, M., Chandran, S., Venkataraman, H., Vishwanath, P., Ganguly, K., Upadhyay, S. and Mahesh, P.A., 2023. The Validity of the ROX Index and APACHE II in Predicting Early, Late, and Non-Responses to Non-Invasive Ventilation in Patients with COVID-19 in a Low-Resource Setting. *Viruses*, *15*(11), p.2231.

2 ZERO HUNGER





Contributors



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Introduction to SDG 2: Zero Hunger

SDG 2 aims to eliminate hunger globally by 2030. However, since 2015, hunger and food insecurity have worsened, driven by the pandemic, conflict, climate change, and rising inequalities. By 2022, 735 million people, or 9.2% of the global population, experienced chronic hunger, a significant increase from 2019. Additionally, 2.4 billion people faced moderate to severe food insecurity in 2022, up by 391 million from 2019.

This worsening situation highlights the urgent need for coordinated global efforts to address hunger and food insecurity. Extreme hunger and malnutrition hinder sustainable development, trapping individuals in a cycle of poor health and low productivity. In 2022, 2 billion people lacked regular access to safe, nutritious, and sufficient food, with 148 million children experiencing stunted growth and 45 million children under five suffering from wasting.

Projections suggest that over 600 million people will face hunger by 2030, underscoring the challenge of achieving the zero hunger target. The rise in food prices, conflict, climate shocks, civil insecurity, and declining food production contribute to the problem. Investing in agriculture is crucial to reducing hunger, improving food security, creating jobs, and building resilience to disasters.

Achieving zero hunger can positively impact economies, health, education, equality, and social development. A multi-dimensional approach, including social protection and transforming food systems, is necessary to ensure food security. Individuals can help by supporting local farmers, making sustainable food choices, and advocating for policies that promote zero hunger.

JSS Medical College has contributed towards achieving the targets of SDG2 through various activities such as creating awareness among the public by conducting various outreach programs and through guest lectures, and presentations. In addition, it has made an immense contribution to scientific knowledge related to malnutrition, through various research projects and publications.

OUTREACH & EXTENSION ACTIVITIES

PROMOTING BREAST FEEDING THROUGH A WEEK-LONG AWARENESS ACTIVITIES
Date: 02-08-2023, Place: JSS Urban Health Centre, Medar's Block

Department of Community Medicine observed Breastfeeding week at JSS Urban Health Center on 02.08.2023 in association with Inner wheel club of Mysuru Gold and Inner wheel club of Mysuru Midtown at JSS Urban Health Center.



Dr Amoghashree, Assistant professor Department of Community Medicine and coordinator JSS Urban Health Center Presided. Dr H.V Rama, Lady Medical Officer, JSS Urban Health Center gave a power point presentation on the theme of World Breastfeeding Week "Enabling breastfeeding making a difference for working parents" advantage of Breastfeeding to both Mother & the baby. The interactive session which followed was helpful in creating awareness, dispel myths & misconceptions on breastfeeding.
The Protein powder sponsored by Inner Wheel club of Mysuru Midtown, Iron syrup sponsored by Inner club of Mysuru Gold were distributed to antenatal & Postnatal Mothers. 40 women participated. Earlier Smt Nirmala & team rendered invocation & song on Breastfeeding. Sri. Santhosh H.B Health inspector welcomed. Sri. Sunil Health assistant Proposed vote of Thanks. Sri. Mallikarjuna Swamy Social Worker, JSS Urban Health Center, Coordinated the event.

Date: 03rd, 04th & 7th Aug 2023, Place: Suttur Village



On the occasion of World Breastfeeding Week, a Health Education session was organized at Suttur PHC on 3rd August 2023. Dr. Kavya G Upadhya, Senior Resident, Department of Community Medicine and Dr. Ramya M, Medical Officer, Suttur PHC discussed the problems faced by breastfeeding mothers and educated them regarding various aspects of breastfeeding and its importance. Other staffs of Suttur PHC were also present on this occasion. About 30 expectant and lactating mothers attended the session.

The Department of Community Medicine, JSSMC had organized a webinar on the occasion of World Breastfeeding Week 2023 on 4th August 2023, Friday from 2 – 3 pm. Our Resource Faculty, Dr. Madhu B, Professor, Dept. of Community Medicine and Deputy Dean (Research), JSSAHER gave her valuable insights on the topic "Enabling Breastfeeding: Making a difference for working parents". The webinar was co-ordinated by Dr. Kavya G Upadhya. Around 200 participants from across India registered for the webinar.
Health education session was conducted at Bannimantap, Urban Primary Health Centre as a part of observation of World Breastfeeding Week on 7th August 2023. Phase 2 MBBS students presented a skit on

the importance of breastfeeding. The audience included antenatal mothers, postnatal mothers and general public. Dr. Lokesh, Medical Officer, Urban PHC, Reshma Banu, Corporator Bannimantap and other staff were present on this occasion. The event was co-ordinated by Dr. Shruddha, Post graduate, Dept. of Community Medicine; Dr. Kavya G Upadhya and Dr. Mythily M R, Senior Residents, Dept. of Community Medicine.

Date: 04-08-2023, Place: Anganwadi Centre, Bamboo Bazar



Department of Community Medicine, observed Breastfeeding Programme on 04.08.2023 in association with Inner Wheel Club of Mysuru Gold and Inner Wheel Club of Mysuru Midtown at Anganawadi Center Medar Block.

Dr. H.V Rama Lady Medical Officer JSS Urban Health Center, gave a talk on the theme as well as importance, advantages of breastfeeding to Mother & baby.

15 Antenatal & pregnant mothers actively participated in the programme. Smt. Yashoda Anganawadi worker, organized this programme.Iron Syrup & Protein powder sponsored by Inner Wheel Club of Mysuru Gold & Inner Wheel Club of Mysuru Midtown respectively were distributed.Sri. Sunil Health assistant, Sri. Santhosh Health Inspector, JSS Urban Health center coordinated Program.

Date: 16.11.2023, Place: JSS Hospital, Mysuru

Department of Pediatrics, JSS Hospital organized the inauguration function of world breastfeeding week in association with IAP Mysore on 1st August 2023 at SRCA Auditorium, JSS Hospital between 2:30 pm to 5 pm.

The event was chaired by visionary women from different fields. Dr Pushpalata BS. Director SIHFW, Dr Chethana Harl. Head mistress. Arivu School Mysore and Mrs Sheela Kumari. Head- Charu foundation were the chief guests. Other eminent guests included Dr Basavana Gowdappa, Principal JSS Medical college, Dr CP Madhu, medical superintendent, JSS Hospital, Dr Prashanth SN, Head of the Department, Pediatrics and Dr. Narayanappa, Senior professor, Department of Pediatrics.

The event was graced by Mrs. Ashwathi Devi NK, Principal JSS College of nursing and Mrs Renuka Devi NK, Principal JSS School of nursing and their students who presented their educational posters and made rangoli to showcase their creativity. The keynote address was given by Dr Narayanappa, emphasising the importance of breastfeeding both for the mother and the baby.

Our hospital nurses performed a song and a skit for educating the mothers on how to breastfeed and how to maintain breastfeeding while working. Their creativity was highly
appreciated and applauded. The program was concluded with presenting gifts and momentous to all the eminent guests followed by high tea.









National Nutrition Week – 1st to 7th Sept.2023

National Nutrition Week (NNW) is observed annually in India from September 1 to 7. This dedicated week aims to raise awareness among people about the vital role of nutrition and the significance of cultivating healthy eating habits. The theme for this year is **"Healthy diet going affordable for all".**

In this regard, the Department of Community Medicine, JSS Medical College, Mysuru organized a series of activities.

Healthy Food cooking competition



Firstly, a Healthy Food cooking competition on 2nd Sept 2023 was organized with the theme **"**Colors of Nutrition: Easy recipes for working parents"

The event was inaugurated by Dr. Suma M N, Vice principal (preclinical), Dr. Praveen Kulkarni, Vice principal (para clinical), and Shri Satish Chandra, Administrative officer, JSS Medical College, Mysore. Overall, 10 teams from different sections of JSS AHER participated. The teams prepared dishes with varieties ranging from paneer pulao to ragi balls, jowar roti, foxtail Upma, and Dalia payasam to green tea.

The event was judged by Dr Suma M N, Vice-principal, JSS Medical College, Dr.Dhakshaini M R, Principal, JSS Dental College, Dr. Vidya C S, Prof & Head, Dept of Anatomy, JSS Medical College, Mrs. Kokila M S, Deputy Director (Sr.Grade), JSS AHER and Mr Jithen Shibhu (1st yr Mpharma) JSS College of Pharmacy. The event was very well received by both the judges and the participants with their enthusiastic participation. Team no 10- Dr.Lekha and Dr.Rakesh won the first place, and Dr. Sulochana and Dr.Shilpa from Team 8 won the second place.

Painting competition

Secondly, a Painting competition was organized for JSS public school students, J P Nagar on the theme **"Fuel for the future: Right nutrition for Right Health"** on 4th Sept 2023. More than 250 students from 1st to 10 standards participated. The students unveiled their talents through lovely paintings. Mrs. Smitha, Principal, JSS Public School, J P Nagar, supported organizing the event in a smooth manner. The prizes for the children were categorized into 3 categories- 1st category 1st to 4th standard, 2nd category 5th to 7th standard, and 3rd category 8th to 10th standard. The paintings were initially screened by

Webinar on Healthy diet going affordable for all

A Webinar on **Healthy diet going affordable for all** was organized on 5th Sept Sept 2023. Dr. Nayana Shabadi, Assistant Professor, Department of Community Medicine, JSS Medical College, gave the webinar talk. In total, 111 participants had registered for the webinar. In the feedback, the participants requested many such webinars in the future.

Radio Talk Series on Nutrition Awareness



The department also organized a series of Radio talks in collaboration with JSS Radio. The radio talks focussed on topics such as Simple ways to level up your eating habits which was aired on a Live show on 1st September. This radio talk was given by Dr.Praveen Kulkarni, Vice Principal (para-clinical) and Professor, Dept of Community Medicine, JSS Medical College. Another topic, "Staying Young: Nutrition facts" was delivered by Dr Mythily M R, Senior Resident, Dept of Community Medicine, JSS Medical College which was aired on 4th Sept 2023. Dr.Madhu Srinath, Deputy Dean, Research, JSSAHER, also delivered a radio talk on "Right nutrition: Right Health" which was aired on 11th Sept 2023. This was followed by another radio talk by Dr.Shwetha N Kurkuri, Senior resident, Dept of Community Medicine, JSS medical college, on "Mindful eating for health goals" aired on 18th Sept 2023. Dr Sunitha Singh, Senior resident, Dept of Community Medicine gave a digital audio talk on "Superfoods- Myths and Facts" available on YouTube https://youtu.be/wV8WiQuPdVg?si=ZNJZAvPqiJiUOTUq .

Guest lectures delivered by faculty members

Name/ department	Title	Date and Venue
Dr. Rajesh Kumar T Dept of Biochemistry	Frontiers in Nutrition	19th February 2024 JNMC, KLE Academy of Higher Education and Research, Belgavi
Dr. Prasanna Kumar S. Dept of Biochemistry	Vitamin D mimicking role of Quercetin and its potential effect in ameliorating metabolic syndrome and breast cancer induced liver injury	20th March, 2024 World Cancer Congress on Integrative medicine and Translation Research in Cancer–2024 18th-20th March, 2024, Jawaharlal Nehru University, Delhi, India
Dr Anup N R Dept of ENT	Perioperative nutrition in cancer patients	5th May 2024 Cauvery Hospital, Mysuru

Innovations in Teaching Nutrition for students

Dumb charades on Protein metabolism, Diabetes and Minerals for I Year MBBS students

Dumb Charades, being performed by MBBS 1st year students, as a part of innovative teaching methods, went well, with 25 members in each group, out of which 6 members acted for each symptoms of the given disease or disorder, and rest members were allowed to guess and finally diagnose the disease. Finally, allowed one of the member to explain about the disease detected. Each group members were given 6 minutes time to complete the act. A total of 10 batches participated for 251 students.





Paper and Poster presentation by faculty and students

Sl. No.	Name of the faculty / Student	Posters presented	Title of the programme	Venue & Date presented
1	Saddique Choudhury	Antioxidant and anticancer assessment of phenolic compounds in brown top millet-seed-husk and rice	International Conference on Exploring Innovations in Agricultural, Biological, Chemical, Environmental, And Forensic Sciences	Online Presentation Paliwal PG College, Shikohabad, Agra, Uttar Pradesh, India held on 25th -26th -May-2024
2	Anisa Khan	Comparative Assessment of phytochemical constituents, Antioxidant and Antiproliferative potentials of Cumin cuminum and Bunium persicum grown in the drought regions of north Khorshan, Iran.	National Conference on “Trends and innovations in health, nutrition, food and crop security	21-23rd August 2023, Tumkur University
3	Chinappa A U	Vitamin D mitigates hyperglycemia induced oxidative stress by activating Nrf-2 signaling In vitro	International conference on Neurodegeneration: Biomarkers and therapeutic targets	12-13th September 2023, School of Life Sciences, Mysuru JSS AHER
4	Dr. Surabhi K R & PG Student (MD Biochemistry)	Association of vitamin D levels and vitamin D receptor (VDR) gene polymorphisms (fok1 & taq1) in Mysore, Karnataka	Association of Medical Biochemists of India AMBICON 2023- 30th Annual Conference of AMBI	14th to 16th December 2023, CIDCO Convention Centre, Navi Mumbai 
5	Dr Kavya G Upadhya Sr. Resident	Vitamin D deficiency: A study of health professionals perspective		

Research Projects

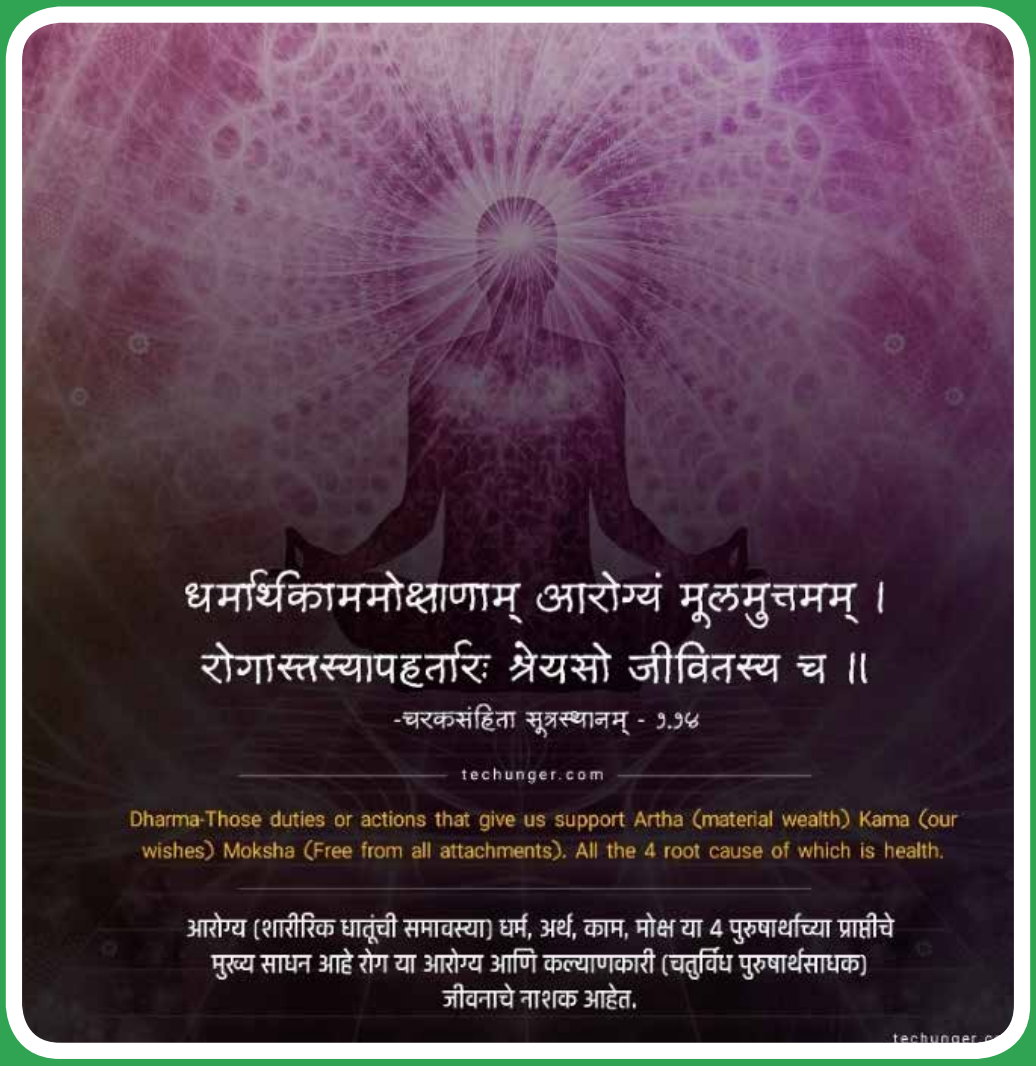
Sl No	Title of the project	Principal Investigator	Funding agency	Duration
1	Evaluation & comparison of serum calcium, Magnesium, Phosphate, Alkaline Phosphatise, Vitamid-D and Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO and High Fluoride drinking water	Dr.Thippeswamy	ICMR	2 Yrs.
2	Development of Millet based dietary fiber for protection of allergic asthma by modulating gut microbiome derived short chain fatty acids	Dr.Kiran	ICMR	3 Yrs.
3	Prevalence of micronutrient deficiency, nutritional status and cognitive dysfunction among elderly residing in tribal areas of southern Karnataka	Dr.Praveen Kulkarni	DBT	3 Yrs.
4	Evaluation of Hypoglycemic Effect of Benincasa Hispida Fruit Extracts Using in Vitro Cell lines	Dr.Prashant Vishwanath	JSSAHER	01 Yr
5	Evaluation vitamin c levels after administration of Vitamin C enriched foods in healthy human volunteers.	Dr. M N Suma	JSSAHER	01 Yr
6	Comparative Assessment of Phenolic Compounds, Extracted From Millets, For Inhibiting the Growth of Colorectal and Breast Carcinomas	Mr.Mahadevaswamy K G Ph.D Research Scholar Dept. of Biochemistry JSS MC, Mysuru	ICMR	03 Yrs
7	Assessing the impact of vitamin-D supplementation in mitigating Type-2 diabetes-induced histopathological changes in the mouse brain”	MsRimshia Naaz SRF Dept of Biochemistry JSSMC Mysuru	ICMR	03 Yrs

Publications

1. Ajay Hanumanthu, Soumik Goswami, Kavya Bhadrapura Thimmegowda, Nilanjan Sengupta, Arjun Baidya, Pranab Kumar Sahana. A Study On The Prevalence Of Vitamin B12 Deficiency In Eastern Indian Type 2 Diabetes Mellitus Patients With Peripheral Neuropathy On Metformin Presenting To A Tertiary Care Hospital. Digital Journal Of Clinical Medicine. 2023;5(3):102-113.
2. Thippeswamy Honne Manjunathappa, Devananda Devegowda, Nanditha Kumar Mysore, Prashanth Vishwanath, Prashanth Sathya Narayana. Association between drinking water fluoride and the serum alkaline phosphatase and phosphate levels in pregnant women and newborn infants. Dent Med Probl. 2023 Oct-Dec;60(4):569-575.
3. Chandan Vinay Srigiripura, Chaya Sindaghatta Krishnarao, Jayaraj Biligere Siddaiah, Mahesh Padukudru Anand, Asna Urooj. Determinants of malnutrition and associated parameters in subjects with stable chronic obstructive pulmonary disease: A cross sectional study.The North African Journal of Food and Nutrition Research. 2023 Nov;7(16):85-100.
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3 GOOD HEALTH AND WELL-BEING





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JSS ACADEMY OF HIGHER EDUCATION & RESEARCH
JSS Academy of Higher Education & Research
Mysuru, Karnataka, India
Times Higher Education
Impact Rankings 2024
Global Rank 1 in SDG 3
Good Health and Wellbeing
3 GOOD HEALTH AND WELL-BEING
3
GOOD HEALTH AND WELLBEING
QUALIFYING SDG - 26% OF OVERALL
SCORE
96.1
RANK
1
out of 1498 institutions
SUSTAINABLE DEVELOPMENT GOALS
JSS HOSPITAL


GLOBAL SUSTAINABLE DEVELOPMENT CONGRESS
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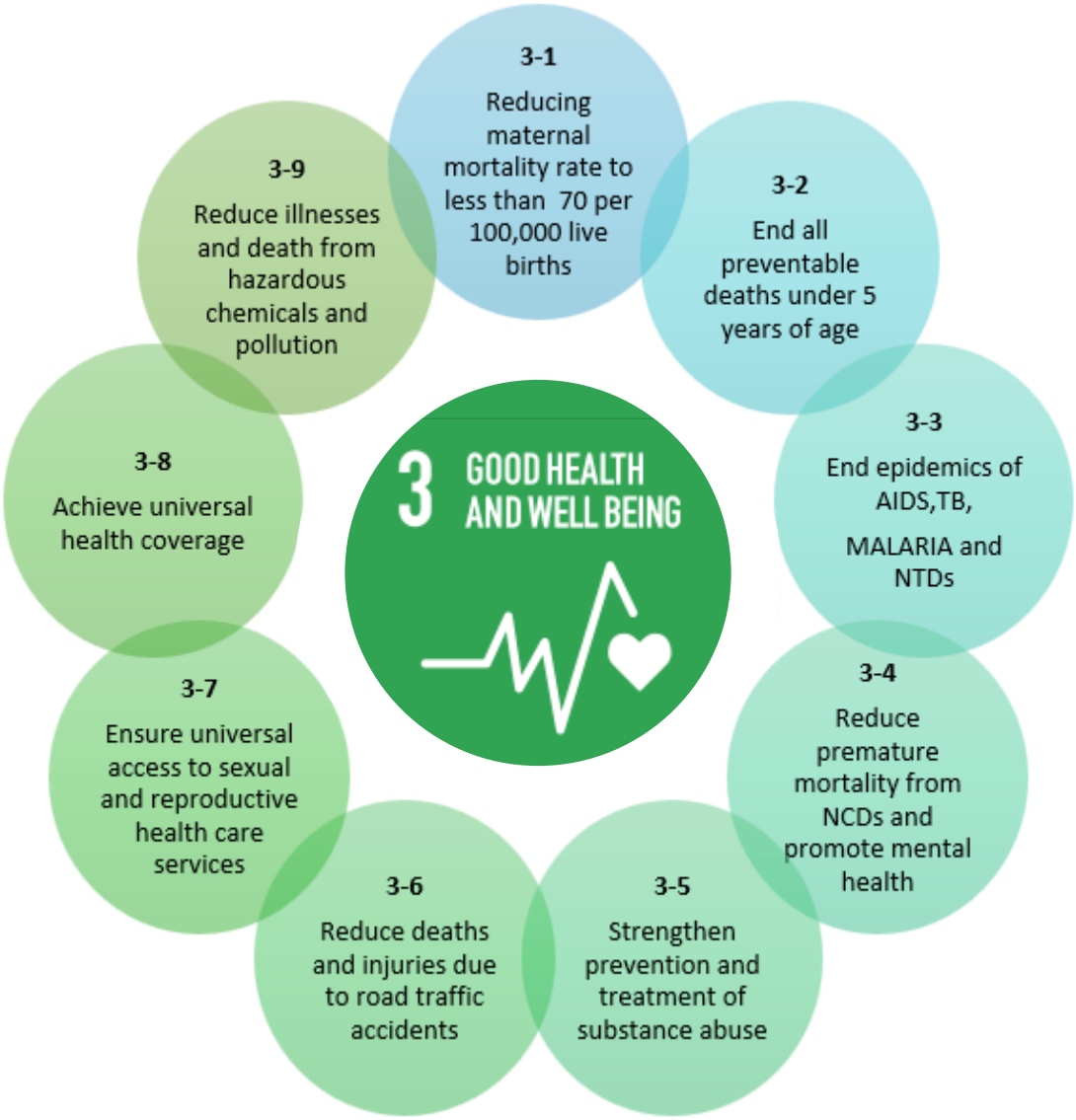
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INTRODUCTION

"Good health and well being", is the prime goal of all individuals. This promotes both physical and mental benefits for improving creativity as well as productivity." A Sound mind in a Sound body" forms the pivot for overall development of an individual, the society and the nation which promotes well being for all at all ages. This can be fulfilled by achieving following goals:



India has significantly progressed in decreasing underfive mortality rate, maternal mortality rate, reducing the prevalence of HIV and Tuberculosis. Several National programmes are implemented by Government of India to achieve Good health and well being. Our institution is constantly working and contributing towards this prime Sustainable Development Goal (SDG 3) by providing quality health care, outreach activities, scientific and research programmes

Scientific programmes organized aligning to this goal

CONFERENCES AND WORKSHOPS

Transforaminal Endoscopic Lumbar spine surgical conference - Cadaveric workshop – 0-07-2023



Department of orthopaedics in association with Department of Anatomy conference conducted cadaveric workshop in dissection hall on 1st July 2023 as a part of Transforaminal Endoscopic Lumbar spine surgical conference. Dr Suma MN Vice Principal (Pre clinical) Dr Praveen Kulkarni Vice Principal (Para clinical), Dr.Ravindranath organising secretary, Dr.Siddalingamurthy Professor and Head Department of orthopaedics, Dr.Purushottam Shastry Professor of orthopaedics, Dr.Vidya C.S., Professor and Head, Department of Anatomy, Dr.Sheshagiri Associate professor of orthopaedics and Dr Shivaprakash Associate Professor of Anatomy graced the inaugural function. More than 60 delegates from various parts of the country participated for cadaveric skill training workshop.

5th Hands on Temporal Bone Dissection workshop – 1.07.2023- 2.07.2023

The 5th Hands on Temporal Bone Dissection workshop was held on 1st & 2nd of July 2023 in the 4th floor ENT wards, JSS Hospital. It was attended by 20 delegates and 5 observers from across the country including the North East. The guest Faculty for the workshop was Dr Deepak Haldipur, Director of Trustwell Hospital, Bangalore. The In House faculties were Dr Bharathi MB, Dr B G Prakash and Dr Sandhya D, who demonstrated various surgeries performed on the ear from basic to advanced. There were 10 stations, each with Otologic Microscope, Motor and Drill and Micro-ear instruments. Each working station was shared by two delegates who performed each excercise supervised by the faculty members of the Department of ENT. Each delegate was given a wet temporal bone to practice all the procedures.



Hands on cadaveric workshop – 15-07-2023

Hands on cadaveric workshop was organized by Department of Physiotherapist in collaboration with dept of Anatomy on 15-07-2023 for Yoga and Fitness trainers. There were 60 participants. Mr Tejraj S, Physiotherapist from MMCRI, Mysuru coordinated the event.



The keynote address was delivered by **Dr. Vidya C S** emphasizing on in depth knowledge of body structure so that it becomes easy for them to learn body movements, its functions and alignments. She stressed on how it helps Yoga and Gymnasium practitioners/instructors to deal with injuries in the right manner. She gave overall view of how human body operates and can be balanced by exercises, breathing techniques and yoga asanas.

A brief talk on Muscular system was delivered by **Dr Uma Shivanal**. She briefed on basic tissues in human body, muscular system – classification, functions, different types of movements, stressed upon strain, sprain concepts with first demonstration of different body parts along with concerned bone. **Dr Shwetha K** stressed upon different muscle layers and its actions. Demonstration of Lower limb parts with concerned bones was done by **Dr Poonam DN**. She highlighted on tendons, ligaments and joint cavities.

Museum tour was taken over by **Dr Hemamalini** and briefed about the museum specimens. Abdominal organs were demonstrated by **Dr Maruthy Prasad** giving a brief introduction to its location, functions and its clinical conditions. **Dr Rashmi C Ghoshi** demonstrated brain and peripheral nervous system, its coverings, position, functions and nerve injuries. Feedback was obtained by the participants and they gave overwhelming positive response and appreciated the preservation of specimens. The program was concluded thanking **Mr Tejraj S**, Organizer and Program coordinator, Physiotherapist at MMCRI, Mysuru.

Research Methodology Workshop – 2 (17-07-2023 to 19-07-2023)

School of Public Health, JSS Medical College conducted workshop on research methodology from 17th to 19th of July 2023. The workshop was conducted as a hands-on program for three days, aimed at enhancing participants' knowledge and skills in questionnaire framing, validity, reliability, and data collection methods.

Session 1: Questionnaire Framing

In the first session, Dr. Manasa K, engaged the participants by elaborating on the objectives of the current workshop. The primary focus of this session was on the art of questionnaire framing. Participants learned how to design effective questionnaires tailored to specific research objectives.

Session 2: Validity and Reliability

The second session was conducted by Dr. Sulochana B C. The focus of this session was on ensuring the quality of the data collected through questionnaires by addressing validity and reliability.

Session 3: Data Collection Methods and Approaches

The third session was conducted by Dr. Anil S Bilimale. The main focus was on practical approaches to collect data effectively and ethically. Dr. Bilimale started the session by explaining the importance of obtaining permission from relevant authorities before initiating data collection and introduced various data collection methods.



Date:18.07.2023
Session 1: Pilot Study

Ms. Sheeba B led the first session and the participants were introduced to the concept and significance of conducting a pilot study before embarking on the main research.

Session 2: Data Collection Tools and Data Management
Ms. Shashirekha B conducted the second session, which focused on various data collection tools available for researchers which gained insights into the features, advantages, and limitations of each tool.

Session 3 and 4: Ethics in Research and Project Charter
Dr. D M Shilpa led the third and fourth sessions, focusing on research ethics and project charters. Participants were educated on the fundamental principles of research ethics, including respect for autonomy, nonmaleficence, beneficence, and justice.

Session 5: Administrative Issues in Research and Grant Writing
Dr. Divya K L conducted the fifth session, which covered administrative aspects of research and grant writing.

Date: 19.07.2023

Session 1: Data Entry, Data Cleaning, and Data Importing
During the first session, Ms. Shashirekha B guided participants through the process of data entry, emphasizing the importance of accuracy and consistency in recording research data.

Session 2: Coding, Dummy Tables, and Outcome Variable Analysis
In the second session, Ms. Shashirekha B delved into the process of coding research data. Participants learned the significance of coding variables and were exposed to different coding methods, such as numerical and categorical coding.



Feedback Session:
A feedback session was held after the completion of the workshop, during which participants shared their thoughts and opinions about the training. The general consensus among the attendees was that the workshop was highly beneficial and provided them with valuable insights into data handling and analysis. Many participants specifically mentioned that the hands-on training in data entry, data cleaning, and data importing equipped them with practical skills applicable to their research projects. Moreover, participants appreciated the

Special Smiles Oral Health Clinic – 20-07-2023

“Special Smiles” oral health clinic at JSS Hospital in Mysore was inaugurated on 20.07.2023. This clinic aims to provide oral health services specifically for specially-abled children and children with medically compromised conditions. The collaboration between the Pediatrics Department and the Department of Pediatric and Preventive Dentistry shows a commitment to improving the overall healthcare of these vulnerable children.



The clinic was inaugurated by esteemed individuals in the medical field. Dr.Basavana Gowdappa, Principal, JSSMCH served as the Chief Guest, while Ms. Hemamalini Jairam, Co-founder of WeCan, was the Guest of Honor. Their presence highlights the significance of this initiative. The event was also graced by Dr. Shyam Prasad Shetty, Head of the Department of Cardiothoracic and Vascular Surgery and Deputy Director Clinical at JSS Hospital, Dr.Manjunath, Director of Diagnostics GV, Dr.Shanthmallappa, Resident Medical Officer and Mr Lokesh, administrative officer, JSS Hospital, further emphasizing the interdisciplinary and holistic approach towards healthcare.

The patrons of the clinic, including Dr.Prashanth S N, Head of Pediatrics, Dr.Dhakshaini MR, Principal of JSSDCH, Dr.B.Nandlal, Head of Pediatric Dentistry, and Dr.Anushree SM, Administrative Officer of JSSDCH, Mysore, further demonstrate the support and importance of the endeavour.

The clinical team, led by Dr.Raghavendra Shanbog, Reader, along with Dr. Chanchala HP and Dr. Shruti SK, Assistant Professors from the Department of Pediatric Dentistry, will play a crucial role in providing specialized oral healthcare to the children. It was heart-warming that the children from the specially-abled school participated by giving an invocation, making the occasion even more special.

The clinic's schedule of operation, every Thursday from 10 am to 4 pm, allows for regular and dedicated care for the children. Overall, the inauguration of the "Special Smiles" oral health clinic marks a significant step towards improving the well-being of specially-abled children and children with medically compromised conditions, ensuring they receive the attention and care they need for their oral health.

Emergency Medicine for the Elderly - 22.07.2023



1st ever Geriatric Emergency care CME on 22.07.2023 conducted by the Department of Emergency Medicine & Department of Geriatrics JSS Medical College and Hospital was inaugurated today at SRC Auditorium, JSS Hospital, Mysuru by Dr. Basavana Gowdappa, Principal JSS Medical College, Dr. CP Madhu, Medical Superintendent, JSS Hospital, Mysuru, Dr. Brinda Basavaraj, HOD, Dept of Emergency Medicine, JSS Hospital, Mysuru and Dr. Pratibha Pereira, HOD, Dept of Geriatrics, JSS Hospital Mysuru. JSS Hospital Management, JSS Medical College Faculty & Students, Hospital staffs, and Nursing staff were present during the inauguration Program. 200 delegates participated in this event.

World Hepatitis Day Awareness Program – 28-07-2023



On the occasion of World Hepatitis Day, a significant awareness program was organized by the School of Public Health in collaboration with the Department of Gastroenterology at JSS College of Arts, Science, and Commerce. This annual event aimed to shed light on the global burden of hepatitis and raise awareness about its prevention, treatment, and impact on public health. The theme for this year's campaign, "Hepatitis can't wait," was provided by the World Health Organization (WHO).

The program kicked off at 9:30 am with great enthusiasm from the students and faculty alike. Approximately 60 students participated in the activities scheduled for the day and to engage the students in a fun and educational manner, the organizers planned two competitions - a quiz and a poster-making contest, both of which were related to hepatitis and its significance. The students actively took part in these events, showcasing their knowledge and creativity on the subject.

The judging panel consisted of distinguished individuals from various academic fields, Dr. Sreena T V, Assistant Professor from the School of Public Health at JSS Medical College, and joining her was Mr. Chirag, a lecturer from the Department of Physics at JSS College of Arts, Science, and Commerce.

Following the competitions, the official inauguration program took place in the presence of the distinguished guests and dignitaries. The event was graced by the presence of Dr. Major Aradhya H V, Department of Gastroenterology and Hepatology, JSS Medical College and hospital, who delivered a speech, enlightening the gathering about the significance of World Hepatitis Day and the urgency to address the challenges posed by hepatitis worldwide. Dr.Aradhya spoke of the various types of hepatitis, their causes, symptoms, and the importance of early diagnosis and treatment. He emphasized the global burden of hepatitis, with millions of people affected by the disease, and the importance of taking proactive steps to prevent its transmission.

Dr. Divya K L, Assistant Professor from the School of Public Health, JSS Medical College, took the stage and delivered a talk summarizing the key points about hepatitis. Dr. Divya emphasized the role that students and young adults could play in creating a hepatitis-free future by advocating for healthier lifestyle choices and spreading awareness within their communities.

The event concluded with the valedictory ceremony, where the winners of the quiz and poster-making competitions were honoured and rewarded for their exemplary performances. The event gathered significant attention and positive feedback from the students, faculty, and guests. It successfully achieved its objective of enhancing awareness about hepatitis and equipping the participants with the necessary knowledge to safeguard their health and the health of others. The participants of the event included faculties and students of JSS college of Arts, Science and Commerce.

NAFLD/NASH Screening Camp – 04-08-2023



The SIG for Liver and Life in association with School of Public Health, Department of Gastroenterology, Department of Nutrition and Dietetics, and Echosens, spearheaded a significant public health initiative. A screening camp focused on Non-Alcoholic Fatty Liver Disease (NAFLD) and Non-Alcoholic Steatohepatitis (NASH) was successfully conducted on the 4th of August-2023 at JSS Medical College for staffs of JSS Medical college, Dental College, Pharmacy College and FLS. The camp served as a pivotal platform to enhance awareness about these emerging liver conditions while emphasizing the importance of early detection and intervention.

Non-Alcoholic Steatohepatitis (NASH) is a liver condition characterized by inflammation in the liver and fibrosis due to excess fat accumulation. It is a more severe form of Non-Alcoholic Fatty Liver Disease (NAFLD) and can lead to serious liver problems if left untreated. It affects over 115 million people worldwide. NASH is a silent epidemic.

Participants: The event witnessed an impressive turnout with approximately 187 participants, including teaching and non teaching staff, administrative staff, security officers from different colleges under JSS AHER.

Distinguished Guests: The screening camp inauguration program was graced by several esteemed guests,

including: Dr H. Basavana Gowdappa, Principal, Dr. Suma M N, Vice Principal, DR. Praveen Kulkarni, Vice Principal, Sri S R Satish Chandra, Administrative Officer, Dr. Prof. B Manjunatha, Registrar, JSS AHER, Dr. Madhu B, Deputy Dean Research, JSS AHER, Dr. Sunil Kumar, HOD, Department of Community Medicine, Dr Aradya H V, Associate Professor, Dept of Gastroenterology and hospital, Dr. Anil S Bilimale , Chief MPH Coordinator School of Public Health JSS MC, Dr Prasanna Kumar S, Associate Professor, Dept of Biochemistry, JSS MC, Dr Divya P Kumar, Assistant Professor, Dept of Biochemistry, JSS MC, Dr. Sreena T V, Assistant Professor, School of Public Health, JSS MC, Dr. Vanitha Reddy, HoD, Department of Nutrition and Dietetics

Services Provided:
The screening camp offered an array of services tailored towards its objectives, including:
Thorough risk factor assessment, accounting for elements such as obesity and high blood pressure.
Body fat analysis, enabling a holistic understanding of participants' health status. Fibroscan, a specialized diagnostic tool providing insights into liver health. Nutritional counseling sessions, equipping participants with dietary guidance to mitigate the risk of NAFLD/NASH.

Impact:
The resounding success of the NAFLD/NASH screening camp was evident through the remarkable response it garnered. With nearly 180 registrations, the camp effectively highlighted the growing awareness surrounding liver health issues within the community. The emphasis on early detection was underscored as a potent strategy to alleviate the burden of NAFLD/NASH and enhance overall public health.

Collaborations:
The collaborative efforts of Public health specialists, hepatologists, gastroenterologists, medical students, and dedicated volunteers were instrumental in the triumph of the screening camp. Key collaborators included the School of Public Health, Department of Gastroenterology, Department of Nutrition and Dietetics, and Echosens.

Structured Hands-on cadaveric FESS- 4.08.2023 & 5.08.2023



The Department of ENT in collaboration with the Department of Anatomy at JSS Medical College, Mysuru, conducted the **1st Structured Hands-on Cadaveric FESS and Limited Anterior Skull Base workshop** on August 3rd and 4th in the Anatomy Dissection Hall, JSS Medical College, Mysuru. The workshop was honored by the presence of world-renowned ENT and skull base surgeon **Dr. Renuka Bradoo** as the guest faculty, who demonstrated basic FESS and limited anterior skull base surgery on a cadaver on day 1. Dr.H.Basavana Gowdappa Principal, Dr Praveen Kulkarni Vice principal (paraclinical), Dr Bharathi MB, Professor and Head Department of ENT Dr Renuka Bradoo key resource person, Dr Vidya CS Professor and Head, Department of Anatomy and Dr Prakash Professor of ENT, Dr Shivaprakash, Associate professor, department of Anatomy and all the faculty members of ENT department graced the inaugural function.

The workshop included 26 delegates (10 dissectors and 16 observers) coming from various corners of India. Day 2 involved dissection of the cadavers by the delegates under the supervision of our in-house faculty, Dr. Bharathi MB, Dr. BG Prakash, and Dr. Babu AR. The workshop, aimed at training young and budding ENT surgeons in the intricacies of FESS and skull base surgery, started off with Dr. Bradoo quoting Phill Collins, the workshop was coordinated by Dr Amulya T M, Senior resident Department of ENT.

Airway workshop: Basic to advanced – 10-08-2023



The department of Anaesthesiology, JSS hospital, Mysuru conducted a workshop titled " Airway workshop: Basic to advanced" on 10th August 2023 as a part of the 38th ISA annual South zone conference and 37th annual state conference of Karnataka. It was held at the lobby of the SRC Auditorium, JSS hospital. Though the registrations were limited to 40, the workshop received an overwhelming response with a total of 51 registrations. The workshop was inaugurated by Dr Basavana Gowdappa H, Principal, JSS medical College, Dr Madhu C P, Incharge director and medical superintendent, JSS hospital and attended by Dr Shamprasad Shetty, deputy director, Dr Manjunath, Deputy Director, Lab services, Eminent faculty in the field of Anesthesia, from all over the country like Dr. Pankaj Kundra, Dean, JIPMER, Pondicherry, eminent teachers like Dr. Gurudatt C L, Professor, JSS MC & H, Dr. Namratha Ranganath, HOD, KIDWAI, Dr. Manjula Devi, Medical Superintendent, St John's Medical College, Dr Sripada G M , HOD,NITTE University & Dr Prof Sudeesh Kannan from BMC were invited as resource faculty. The workshop started in the morning at 8: 30 am and there were scientific deliberations and interactive sessions till noon. Later there was hands-on workshop for the delegates in 8 stations, laid out thoughtfully to cater to the needs of both the postgraduates and practicing consultants. Latest airway equipment, devices, gadgets, and techniques in the field of Anesthesia were demonstrated and their nuances explained in these workshops and the delegates were given a chance to experiment first hand with these latest developments. The unique feature of this workshop is that it was endorsed by "The All India Difficult Airway Association", a body dedicated to the development of guidelines and enhancing the quality of airway care- a first of its kind in the entire world. The workshop ended at 6 pm. It was well received and appreciated by all the delegates.

Seminar on Psychodermatology – 10-08-2023

On 10/8/2023 Department of Psychiatry and the Department of Dermatology of JSS Medical College and Hospital joined hands to present a program coordinated by Dr. Bindu Annegeri which highlighted the importance of an interdepartmental approach in managing diseases that come under the preview of psycho-dermatology and consultant liaison psychiatry.

All the clinical staff including heads of departments, consultants, postgraduates, and interns attended the program and gained insight through shared experiences and seminars addressing various psycho-dermatologic disorders including psychophysiological disorders such as psoriasis, pruritis, atopic dermatitis; psychiatric disorders with dermatologic symptoms such as dermatitis artefacta, delusions of parasitosis, trichotillomania, OCD's; dermatologic disorders with psychiatric symptoms such as vitiligo, chronic eczema albinism, alopecia aerate. The treatment and drug-related side effects were also discussed with examples of some interesting cases.

The program concluded with acknowledgment of the need for further coordination between two departments to improve patient care and acquire knowledge on trends and recent advances in psycho-dermatology.

Fluoroscopy and Ultrasound guided cadaveric workshop – 10-08-2023



Pain and Palliative care unit, Department of Anaesthesia in collaboration with Department of Anatomy conducted **Fluoroscopy and Ultrasound guided cadaveric workshop** on chronic pain in department of Anatomy on 10th August 2023 as a part of preconference workshop of ISACON 2023. The workshop was inaugurated by Dr B. Manjunatha, Registrar JSS AHER, Dr Suma MN Vice Principal, Dr Akkamahadevi, Chairperson of workshop committee, Dr Archana KN, Professor and Head Department of Anaesthesia, ISSP President and workshop co ordinator Dr Pratibha Matche, Dr Vidya CS Professor and Head Department of Anatomy, Dr Sadashiv Iyer Secretary. Nearly 40 delegates/eminent faculty in the field of pain medicine all over India attended the workshop. They had hands on practice of the most commonly done interventions in practice. Demonstration of musculoskeletal ultrasound of neck, shoulder, Knee and hip was done on volunteers.

Cadaveric Workshop on Basic and Advanced Shoulder Arthroscopy (One to One Teaching Course) - 14th & 15th August 2023



Department of Orthopedics, JSS Medical College & Hospital, under the aegis of Mysore Orthopedics Association organized Regional level Cadaveric Workshop on Basic and Advanced Shoulder Arthroscopy on 14th & 15th August 2023 at Anatomy Dissection Hall, Dept. of Anatomy, JSS Medical College, Mysuru.

This is the first of its kind with the new concept of one to one Teaching Course. The workshop was restricted to two delegates in view of complete hands on for both the delegates. Learning Basics on the first day and advanced shoulder arthroscopy on the second day with the concept of one faculty teaching one delegate.

Structured Hands-on Cadaveric head and neck dissection workshop



The Department of ENT in collaboration with the Department of Anatomy at JSS Medical College and Hospital Mysuru, conducted the **Structured Hands-on Cadaveric head and neck dissection workshop** on August 12th and 13th in the Dissection Hall, Department of Anatomy JSS Medical College, Mysuru. On Day 1 Dr Bharathi M B Professor and Head, Department of ENT demonstrated head and neck surgeries to the delegates. The workshop included 20 delegates (10 dissectors and 10 observers) coming from various corners of India. Day 2 involved dissection of the cadavers by the delegates under the supervision of in-house faculty. The workshop was co-ordinated by Dr Amulya T M, Senior resident Department of ENT.

Hands on training session on Anatomy topics for Yoga trainers - 19th August 2023

Hands on training session on Anatomy topics was organized by Department of Anatomy JSS Medical college Mysuru on 19th August 2023 for PG Diploma students in Yoga from Sri Patanjali yoga studies & Research Centre, Mysuru



Dr. Vidya C S, Professor and Head, Dept of Anatomy, JSS Medical College welcomed all the participants on behalf JSS Medical College. The keynote address was delivered by **Dr. Vidya C S** emphasizing in depth knowledge of body structure so that it becomes easy for them to learn body movements, its functions and alignments. She stressed on how it helps Yoga practitioners/ instructors to deal with injuries in the right manner. She gave overall view of human body and role of Anatomy in different types of asanas. **Dr Najma Mobin** Associate Professor explained the parts of respiration system, breathing exercises and demonstrated thoracic cage and different parts of lungs. **Dr Shivaprakash S** Associate Professor gave overview of circulatory system and demonstrated external and internal features of heart. **Dr Pushpa NB** Associate Professor demonstrated brain and peripheral nervous system, its coverings, position, functions and nerve injuries. Abdominal organs were demonstrated by **Dr Vinutha SP Assistant Professor** giving a brief introduction to its location, functions and its clinical conditions. A brief talk on Musculoskeletal system was delivered by **Dr Ravishankar MV**, gave a brief introduction to basic tissues in human body, muscular system – classification, functions and different types of movements. He also demonstrated different body parts along with concerned bones of Upper limb and lower limb.

MPMRT Annual Nephrology update 2023 – 20-08-2023



MPMRT Annual Nephrology update 2023 was conducted ty the Department of Nephrology in association with MPMRT and API on 20th Aug 2023 at Sandesh The Prince, Mysore. The programme schedule is attached with Dr.Sanjeev Hiremath gave the Dr.Mani honorary oration on topic “Treatment of CKD - present & future”. About 200 delegates attended the programme and included case presentations from Medicine Post graduates of MMC RI and JSS MC.

Live Hysteroscopy Workshop with Hands On Training – 27-08-2023

The department of OBG, had organized a “Live Hysteroscopy Workshop with Hands on Training (Hysterotrainer)” on Sunday, 27th August 2023 at Sri Rajendra Centenary Auditorium, JSS Hospital.

This workshop was organized to shed a light on hysteroscopy which has become an integral part of practicing gynaecologists now a days. The resource person was Dr.VIDYA BHAT, Ramkrishna hospital, from Bengaluru.152 delegates had registered for the workshop and included many gynaecologists from Mysore and Mandya.

Hysteroscopy allows for minimally invasive diagnosis and surgical management of endocervical and intrauterine pathology. It is considered the gold standard technique for evaluating and managing intrauterine pathology. Hysteroscopy is being provided to the needed patients in a fully-fledged manner in the department of OBG, JSS Hospital, Mysore. The workshop was relayed from the major OT to the auditorium by a well-organized audiovisual team. Several interesting cases, around six cases were demonstrated by our resource person in live.

The live hysteroscopy workshop was inaugurated by Dr Manjunatha B, Registrar, JSS AHER, Dr.Basavana Gowdappa H, Principal, JSS Medical College, Dr Madhu C P, Medical Superintendent, JSS Hospital, Mysore,

Dr Vidya Bhat Bangalore, Dr Mamatha S, Professor and Head of the department of OBG, JSSAHER. The inauguration was followed by a lecture by Dr Vidya Bhat and Dr Pratap T, Associate Professor of OBG, JSS, on hysteroscopy. Several hysterotrainers were organized for the hands-on training. Many consultants and postgraduate students made an effective use of the same.





Intervention Radiology – upskilling session – 2.09.2023



The Department of Radiodiagnosis, JSS Medical College, Mysuru, in collaboration with the EliteMed Care team, orchestrated an immersive workshop on Interventional Radiology Techniques on September 2nd, 2023. The event was led by renowned experts in the field: Dr. MC Uthappa, Consultant – Head of Interventional Radiology, Manipal Hospitals, Bengaluru, alongside Dr. Vijay TP from ClearMedi Radiant Hospital, Mysuru, and Dr. Sunil Kalmath from Sri Shankara Cancer Hospital and Research Centre, Bangalore. The seamless execution of this workshop owes credit to the diligent efforts of Dr. Vikram Patil and Dr. Sachin P Shetty, alongside the proactive involvement of postgraduate students Dr. Deepak Benny and Dr. Leena Garg.

The workshop catered to a diverse audience, including postgraduate students in Radiology and MBBS students from internship and final year batches, aiming to introduce them to key aspects of Interventional Radiology.

Hands-on stations demonstrated radiofrequency ablation techniques using liver models and practical exercises in ultrasound-guided target practice, providing invaluable experience to all participants. The workshop was met with resounding appreciation from all participants. The blend of theoretical insights, practical demonstrations, and the invaluable guidance from esteemed experts significantly enriched the knowledge and skill sets of the attendees. The event left a lasting impact on the participants, empowering them with advanced techniques in Interventional Radiology standing as a testament to the commitment of JSS Medical College towards fostering continuous learning and skill development among medical professionals

IAP ADVANCED LIFE SUPPORT – 15.09.2023 (IAP-ALS) provider course

IAP-Advance Life Support Provider Course Program is one of its kind hands on learning opportunity for the practicing pediatricians and post graduate students who handle pediatric emergency services in the hospitals.

The Department of Pediatrics, JSS MC, in collaboration with Indian academy of Pediatrics, Mysuru (IAP)

hosted the IAP-ALS PROVIDER COURSE program at our Skill & Simulation Lab on 15th,16th September 2023.



IAP-Advance Life Support Provider Course was conducted for 35 candidates who had registered fromvarious parts of Karnataka with 6 IAP-ALS Instructors who carried out the course program under the guidance of the course director & Instructor Dr Vijaylakshmi K. The program was started with the welcome address by Dr Nandish H R and inauguration by the chiefguests and dignitaries. Address of the gathering by chief guests and dignitaries. The 35 candidates are divided into 3 groups and the each group was engaged at various hands onlearning stations dealing about the airway management, stabilization of circulation and treating rhythm disturbances. Then at the end of the second day assessment of candidates were done and the certificates of the course are distributed to eligible candidates. The program was successfully completed with vote of thanks by Dr Nandish H R and distribution ofmementos to the esteem IAP-ALS instructors.

Peripheral Nerve Block Workshop 1.09.2023

The Department of Emergency Medicine in association with the Department of Anatomy conducted an **ultrasound guided hands-on cadaveric peripheral nerve block workshop**, as part of EM -Karnataka 2023, 3rd state level emergency medicine conference.

The workshop was inaugurated by Dr Praveen Kulkarni Vice Principal, Dr Brinda Basavaraj Professor and Head Department of Emergency Medicine, Dr Vidya CS Professor and Head Department of Anatomy, Dr Madhu Srinivasarangan course director and Associate Professor and Dr Shivaprakash S Associate Professor, Department of Anatomy.



The workshop is the first of its kind involving the description of peripheral nerve blocks in brief, with anatomic demonstration on the dissected cadaver, teaching of sonoanatomy on live volunteers, along with needle tracking on the soft embalmed cadavers by the faculties from department Emergency medicine. Dr Shivaprakash, Dr Poonam and Dr Maruthyprasad were resource persons.

Then delegates were divided in 4 groups with 6 participants in each group and in the live sonoanatomy station, delegates were made to learn to identify the individual structures by hands on experience in the cadaver station, delegates were made to identify the structures with respect to particular block and perform hands on needle tracking on the soft embalmed cadaver. Every delegate had to perform every block. Cadavers were embalmed in a special technique to get the feel as similar to a live patient/ model. This technique of cadaver preservation was done by the department of anatomy.

Ultrasound guided Peripheral Nerve Block Workshop – 23.09.2023

The Department of Anesthesia in association with the Department of Anatomy conducted an **ultrasound guided hands-on cadaveric peripheral nerve block workshop**, as part of Asclepius Undergraduate Conference. The UG students were briefed about the anatomy of brachial plexus and femoral nerve.



Then delegates were divided in 4 groups with 8 participants in each group and in the live sonoanatomy station, delegates were made to learn to identify the individual structures by hands on experience on in the cadaver station, delegates were made to identify the structures with respect to particular block and perform hands on needle tracking on the soft embalmed cadaver. Every delegate had to perform every block. The event winded up by giving vote of thanks to all the delegates, faculties from department of Anaesthesia and department of Anatomy and to all the volunteers, non-teaching staffs involved in the successful completion of the workshop by Miss Sarika. The learning experience was well appreciated by all the delegates.

19th Annual National Conference of Indian Association for Geriatric Mental Health (GERON 2023) - 23.09.2023 to 24.09.2023



With the blessings of His Holiness Mahaswamiji, Department of Psychiatry, Department of Clinical Psychology, Department of Geriatrics JSSMC & JSSH & JSSAHER along with the Indian Association for Geriatric Mental Health conducted the Indian Association for Geriatric Mental Health 19th Annual National Conference- GERON 2023 from 23rd September 2023 to 24th September 2023 at Jss Medical college and Hospital, Mysuru. The theme for the conference was Relationship and Caregiving in Elderly. The conference was attended by around 150 health professionals from all over India. Justice N Kumar former judge of Karnataka High court was the chief guest for the conference, he has been also serving as the mentor for the Karnataka State Mental Health Authority. The program was inaugurated by Dr Manjunatha, Registrar, JSS AHER and Dr Basavana Gowdappa H, Principal, JSS Medical college Mysuru. The program was presided over by Dr Gautam Saha, President of IAGMH. The inauguration was followed by the book release of two books titled Relationship and Caregiving in elderly (Authors: Dr T S Sathyanarayana Rao, Dr Shivananda Manohar J, Dr Suman S Rao & Dr Vikram G) by Dr Alka A Subramanyam President- Elect, IAGMH and another book titled Ageless Reverie (Authors: Dr T S Sathyanarayana Rao, Dr Rajshekar Brahmbhatt, Dr Suman S Rao & Dr Vikram G) by Dr S C Tiwari, Founder President, IAGMH. The two days conference started with the Presidential Address on Indian Families Contribution to Geriatric Care by Dr Gautam Saha. Followed by the issue of the most Prestigious awards which includes Prof. Shiv Gautam oration award and IAGMH Annual award.

World renowned specialist in the field were resource persons for the various sessions conducted including Dr Alka Subramanyam, Dr Sandeep Grover, Dr Sheeba Ninan, Dr Niska sinha, Dr Tophan Pati, Dr Kishor M, Dr Shivanand Manohar J, Dr Tejaswini, Dr Pradeep Kumar. The first day was concluded with the General body meeting of IAGMH. The second day of the conference started with the free papers presentation by various Postgraduates across India. The second day also had various sessions conducted by renowned resource persons including Dr S C Tiwari, Dr K S Shaji, Dr Shiv Gautam, Dr Abdul Majid, Dr Vijay Harbishettar, Dr Indira Sharma, Dr Chittaranjan Andrade, Dr G Prasad Rai, Dr Kumawat S R. The Young Psychiatrist Fellowship award 2023 was presented to Dr Chandrima Naskar (AIIMS, Kalyani), Dr Tajamul Hussain (Government Medical College, Baramulla, J&K) and Dr Raj Laxmi (PGIMER, Chandigarh) . The future direction of the committee was discussed and the conference was concluded.

Fine Needle Aspiration Cytology (FNACA) and Core Biopsy Workshop 19.10.2023

As a part of the national undergraduate conference – ASCLEPIUS 2022, hosted by JSS Medical College, Mysore, the Department of Pathology conducted a diagnostic skills workshop on which included the demonstration and hands-on conduction of fine needle aspiration cytology (FNAC) and core biopsy procedures. Undergraduate students from the institute and medical colleges from all over the country participated actively in the workshop. Following the warm welcome and opening remarks given by the HOD, Dr.Sheela Devi C S, students were introduced to the faculty. Initially the participants were briefed about both the procedures, including merits and demerits, indications, contraindications and staining techniques for about 10-15 minutes. They were then given hands on experience on how to perform the procedure, making of smears and staining, by the faculty of the department, Dr.Sapna, Dr.Namratha and Dr.Deepika. The participants also had the opportunity to review the slides prepared and stained by them. Stained slides with different staining techniques were also focused in the microscopes for students to see. Pathology postgraduate students also actively took part in this activity.

FEEDBACK:

The feedback was obtained by the participants regarding the quality, content and usefulness of the workshop (Graded from 1 to 5). The majority of students opined that the workshop students was excellent and a great benefit for the delegates to become familiar with the latest advances in the different newer core biopsy guns & their methods of operation.

World Occupational Therapy Day - 27th October 2023

World Occupational Therapy Day is celebrated on October 27th each year. It is a day to recognize and appreciate the vital role occupational therapists play in promoting health and well-being by helping people engage in meaningful activities. The Faculty of Occupational Therapy, JSSAHER, Mysore organized several activities in World OT month, one of which was quiz competition.

The Quiz competition was organized on the topic – Stroke Rehabilitation. The students of Faculty of Occupational Therapy, JSSAHER, Mysore participated in this event. There was a total of 4 teams with 2 students in each team. There was a tie between two teams at the end of the quiz, for which another tie-breaker round was played, and the final winners were 8th semester students, Axlina and Josna as a team.

World Immunization Day – 2023 - Celebrations & Walkathon – 10-11-2023

Department of General Medicine, JSS Medical College and Hospital takes pride in informing that a "WORLD IMMUNIZATION DAY" was celebrated on 10th November, 2023 at JSS Hospital lobby. The program was inaugurated by our Executive secretary Dr.C.G.Betsurmath. The program was presided by Registrar Dr Manjunatha B, Dr Mahesh R director of medical education, Principal Dr Basavana Gowdappa H along with Dr.Mruthyunjaya, Pharmacy Incharge and Administrative officer Mr Lokesh. The event was also attended by Vice Principals, HODs from various department, administrators, postgraduates, house surgeons, undergraduates and nursing students. Special invitees on the occasion of the event were representatives from various travel agencies from the city of Mysuru. Nearly 400 people attended the event.





The inaugural event was marked by welcome note from Dr. Ravi Kumar Y S, Professor and Head, Department of General Medicine. Invocation was given by Dr. Preethi Prabhu, post graduate student from department of medicine. This was followed by lighting of the lamp by our executive secretary along with release of the brochure on adult immunization and travel medicine. Dr.C.G.Betsurmath, Dr Basavana Gowdappa and Vishwanth from travel agency spoke on the need for immunization to all the needy people. Vote of thanks was delivered by Dr. Thippeswamy T, Associate professor from the department of Medicine. Smt Pallavi anchored the event.

Walkathon was organised in the designated route with all precautions on the occasion of the world immunization day to create awareness about the need for immunization to general public. Nearly 250 students from various department participated in the walkathon. This was followed by refreshments.

JSS Hospital adult immunization and travel medicine centre is the first of its kind in Mysuru and one among very few centres across the state and country. Till date more than 5000 people have received various vaccines. Mass immunization of hepatitis B vaccine was carried out to all the students from dental, medical and allied health sciences. Apart from administering various vaccines, the centre takes the opportunity to increase the public awareness about adult immunization in the hospital (OPD & in-patient). We are also planning for outreach program like radio talks and educating the public through print media.

World Diabetes Day Celebration – 15-11-2023

Department of General Medicine, JSS Medical College and Hospital in association with KRSSDI and API Mysore Chapter takes pride in informing that a **"WORLD DIABETES DAY"** was celebrated on 15th November, 2023 at JSS Hospital lobby followed by CME.
The program was presided by Dr.C.D.Srinivasa Murthy, , Dr Mahesh R, Director of Medical Education, Principal Dr Basavana Gowdappa H along with Dr.C.P.Madhu, Medical Superintendent and Administrative officer Mr Lokesh. The event was also attended by Vice Principals, HODs from various department, administrators, postgraduates, house surgeons, undergraduates and nursing students. Nearly 200 people attended the event.



The inaugural event was marked by welcome note from Dr. Ravi Kumar Y S, Professor and Head, Department of General Medicine. Invocation was given by Dr. Preethi Prabhu, post graduate student from department of Medicine. This was followed by lighting of the lamp by Dr.C.D.Srinivasa Murthy. Principal Dr.H.Basavana Gowdappa spoke on the current status of Diabetes in India and the need for lifestyle modification and regular medications to avoid complication of Diabetes Mellitus.



"MADHUMEHA PATHASHALA" a awareness programme on diabetes by API for adolescents was launched by **Dr.K.N.Manohar,** Chairman, RSSDI- Karnataka Chapter. On the occasion of World Diabetes Day quiz competition for Postgraduate on diabetes was conducted at Medicine Seminar Hall, JSS Hospital on 10.11.2023. T he prize for Postgraduates was distributed by **Sri Mahesh. R,** In charge Director of Medical Education, JSS Mahavidyapeetha, Mysuru.



This was followed by at CME Programme as JSS Auditorium. Programme included 3 interesting lectures on diabetes by eminent speakers Dr.K.N.Manohar, D.Anish Behl and Dr.Pavan. Nearly 200 delegates participated. Programme was well designed with very important aspects of diabetes such as “diabetes is it reversible”, “Prevention of diabetic foot” and “lifestyle modification in diabetes”. Programme was actively participated by all delegates and well appreciated. Program was concluded by closing remarks by Dr.Prasad.M.C, Secretary, API Mysore Chapter.

Breastfeeding Week 2023 - 16.11.2023



Breastfeeding week 2023- Making a difference for working parents. World breastfeeding week is observed globally on the first week of August with an aim to promote breastfeeding in community and hospital settings. This year’s theme focused on enabling breastfeeding-making a difference for working parents. Department of Pediatrics, JSS Hospital organized the inauguration function of world breastfeeding week in association with IAP Mysore on 1st August 2023 at SRCA Auditorium, JSS Hospital between 2:30 pm to 5 pm.



The event was chaired by visionary women from different fields. Dr Pushpalata BS. Director SIHFW • Dr Chethana Harl. Head mistress. Arivu School Mysore and Mrs Sheela Kumari. Head-Charu foundation were the chief guests. Other eminent guests included Dr Basavana Gowdappa, Principal JSS Medical college, Dr CP Madhu, medical superintendent, JSS Hospital, Dr Prashanth SN, Head of the Department, Pediatrics and Dr. Narayanappa, Senior professor, Department of Pediatrics.

Our hospital nurses performed a song and a skit for educating the mothers on how to breastfeed and how to maintain breastfeeding while working. Their creativity was highly appreciated and applauded.

Children’s Day Celebration - 16.11.2023



It was overwhelming for our department to celebrate Children’s Day on 16th November, Sunday. This time like always our postgraduates and interns were involved on the eve of the day in decorating the wards and creating a warmth atmosphere in the wards amidst covid times.

Other paediatric staffs and I were involved in distributing the pencils and chocolates and sweets to the out -patient children and the in -patient children and their mothers. It is our privilege to celebrate as we are paediatricians. We have always believed that children should be given the utmost attention and love as they are the future of India.

Research Methodology Workshop – 16.11.2023 to 21.11.2023

The Research Methodology Workshop conducted from 16th to 21st November 2023 at the School of Public Health, JSS MC, Mysore, was a comprehensive program aimed at providing hands-on training to 75 students.



Day 1 (16-11-23):

The workshop commenced with an inauguration ceremony attended by all seven resource faculties. Dr. Anil S Bilimale discussed research introduction, topic selection, and objective framing. Ms. Sheeba B followed with a session on Literature Review and effective writing. The day concluded with hands-on training on Reference Managers and Search Engines.

Day 2 (17-11-23):

The second day started with a photo session featuring all faculties. Dr. Shilpa D M addressed study methodology, including population, design, and criteria. Mrs. Shashirekha B provided practical training on sample size calculation and study design. The afternoon session covered sampling techniques, ethics in research, and a summarizing session.



Day 3 (18-11-23):



Mrs. Shashirekha B led a session on types of variables and their influence on statistical tests. Dr. Sreena T V discussed quantitative study designs, systematic review, and meta-analysis. The day focused on quantitative analytical study designs.

Day 4 (20-11-23):

Dr. Shilpa D M introduced qualitative study designs, followed by Dr. Divya K L discussing mixed methods study design. The day also covered framing and designing questionnaires, their validation, and reliability. The afternoon sessions included orientation to synopsis format and an overview of ICMR, NIDA, and BCBR exams.

Day 5 (21-11-23):



Ms. Sheeba B discussed pilot studies, timeline management, and GANTT charts. Dr. Divya K L addressed administrative issues, grant writing, funding agencies, and budget formats. The workshop concluded with a post-test administered by Dr.Sulochanadevi B C, followed by a feedback session involving all faculties.

On average, the pretest scores are lower than the posttest scores. The t-test result ($t = -11.319$) with a very small p-value ($p < .001$) suggests that this difference between pretest and posttest scores is statistically significant. . The 95% confidence interval provides a range for the true mean difference, and it does not include zero, further supporting the conclusion of a significant difference.

Stress Management for Women officers of State Bank of India on 18.11.2023



This programme is conducted by State Bank of India training centre which is located in jayalakshmi puram, mysore. This programme was for women officers who are newly recruited or in the early part of their career in the category grade A and B. This initiative is to empower newly recruited officers to achieve greater success in their career and this was a two day programme which was attended by newly recruited women officers and the topics involved mostly included banking topics, one among the topics was stress management for officers conducted by Dr.Shivananda manohar. During the 75minute lecture, causes of stress, biopsychosocial model for stress was covered. In the course of the talk, various manifestations of stress was addressed. The I'll effects of stress was also mentioned. Various stress management strategies including relaxation, physical activity, diet was also mentioned. Impact of resilience as a buffer to stress was also mentioned to the audience.

Rational use of antibiotics through TAG-AI – 21.11.2023



Dr M N Sumana, Professor of Microbiology, JSS Medical College and Hospital, Mysuru conducted a one-day workshop called "TAG-AI" (Tackling antimicrobial resistance through gamification and artificial intelligence) in association with MMC&RI.

The program's main objective is to teach the rational use of antibiotics to Doctors, Ph.D. Scholars, and MBBS students.

Activities:

On 21st November 2023, Dr Amrutha Kumari, In the morning session, inaugurated the workshop, the workshop is conducted on the occasion of Antibiotic Awareness Week. Dr.M N Sumana discussed the antibiotic prescription method in the Respiratory tract through a training module prepared by refereeing the latest ICMR and IDSA guidelines. Later, participants are allowed to play games prepared by Dr M N Sumana and team. In the afternoon session, Dr M N Sumana discussed the antibiotic prescription method in Urinary tract infection, GI tract infection and Acute undifferentiated fever through a training module prepared by refereeing the latest ICMR and IDSA guidelines. Participants played all the games. The program ended with a valedictory session in the presence of the faculty of Microbiology, MMC and RI and the director of KR Hospital Mysuru



International Tuberculosis Conclave-2023

Theme – Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions – 22.11.2023-24.11.2023

The Departments of Community Medicine and Respiratory Medicine, JSS Medical College, and JSS Academy of Higher Education Mysuru, jointly organized the **International Tuberculosis Conclave**-2023 on the 23rd and 24th of November with four pre-conference workshops on 22nd November 2023 at Sri Rajendra Auditorium, JSS Medical College, SS Nagara, Mysuru. The conference theme is **"Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions."**

Day 1:22nd Nov 2023

Four parallel pre-conference workshops were organized on 22nd November 2023 with themes on Operational Research in TB, Digital Health & AI, Diagnostics, and quality improvement in TB. Eminent speakers from ICMR-National Institute of Epidemiology (NIE), National Tuberculosis Elimination Programme (NTEP), Karnataka Health Promotion Trust (KHPT), and prominent medical colleges handled the sessions with hands-on training. The workshops witnessed more than 150 enthusiastic participants both online and offline from various parts of India. The pre-conference Workshops set out a pre-amble of priority topics on Tuberculosis which were very well received with brainstorming hands-on sessions.

Day 2: 23rd Nov 2023

The conclave featured a series of plenary sessions and round table meetings with renowned resource persons from the World Health Organization, Emory University- USA, Imperial College of London, Central TB Division, Govt. of India, National Institute of Epidemiology, Chennai, National Institute for Research in Tuberculosis, Chennai, National Centre of Disease Control - Govt. of India, State TB Division of Karnataka, members of national & state taskforce for TB, and representatives from leading NGOs participated in this conclave.

The day started with a session on Tuberculosis: the path travelled from 'control to the ambition of 'elimination' by Dr Somashekar N, Director, National Tuberculosis Institute (NTI), Bengaluru followed by a session by Dr. Anil S, Deputy Director, TB STO, Karnataka State, Bengaluru, Karnataka on Management of DS TB, Role of steroids and Adverse Drug Reactions of ATT. His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji graced the occasion. His divine benediction addressed the issues of tuberculosis and how it affects the families and the role of stakeholders towards its elimination.

The third session of the day was by Dr Vikas Oswal, Pulmonologist, National Technical Expert member sub-committee Central TB Division, NTEP, India on DR-TB Management in adults. This was followed by key note address on Overview of NTEP and the newer initiatives by The Programme by Dr Rajendra Panduranga Joshi, DDG, Central TB Division, Ministry of Health and Family Welfare, Govt of India and Decentralizing DR-TB treatment by Dr Salil Bhargava, Dean, Gandhi Medical College, Bhopal, Madhya Pradesh.

The first session post lunch was a panel discussion on MTB Vs Humans: Who is making better strategy? Moderated by Dr Saurabh Kumar, Chairman STF, Karnataka Professor & Head Department of Community Medicine, JGMM Medical College, Hubballi. The panelist were Dr Hemant D Shewade Scientist - E, Division of Health Systems Research ICMR – by National Institute of Epidemiology (ICMR-NIE), Chennai (Dept of Health Research, Ministry of Health and FW, Govt of India), Dr Sanjay Suryawanshi, WHO National Consultant, Central TB Division, Ministry of Health and Family Welfare , GOI, New Delhi and Dr Balu P S Chair, ZTF South Zone-1, NTEP Director, C-DART, Basaveshwera Medical College & Hospital, Chitradurga. The next technical sessions were on the Diagnosis of latent TB & other emerging laboratory diagnostics in TB Dr Nirmala A R, Senior Specialist, State TB Cell, Karnataka, Role of Medical Colleges in End TB efforts by Dr. Ashok Bhardwaj, Chairperson, National Task Force (NTF) and Professor Emeritus at MM Medical College Solan, Himachal Pradesh, India. The day concluded with another session by Dr.Somashekar. N, Director, National Tuberculosis Institute (NTI), Bengaluru on Extra-pulmonary Tuberculosis: challenges and solutions.

Day 3: 24th Nov 2023

Day 3 started with a technical session by The power of panchayats- Accelerating TB elimination efforts at the grassroots by Ms. Mallika Biddappa Tharakan, Lead, Knowledge Management, KHPT. The second session of the day was by Dr Kiran Kumar Rade, National Professional Officer (NPO), TB Epidemiologist, WHO, India on TB Vaccines- A new Hope. This was followed by subsequent technical sessions on Pediatric TB management by Dr Sangeeta Sharma, Prof & Head, Pediatrics Dept National Institute of Tuberculosis and Respiratory Diseases, (NITRD) New Delhi (Autonomous Institute under the Ministry of Health & Family Welfare Govt. of India) and Dr Vinod Ratageri Professor, Dept of Pediatrics, Karnataka Institute of Medical Sciences, Hubballi and Community Engagement in TB management by Dr. Ramya Anathakrishnan, Director at REACH (Resource

group for Education and Advocacy for Community Health) India.
Scientific paper presentations both online and offline, oral and Poster were held in 6 halls A total of 58 delegates presented their scientific papers.
First session post lunch was by Prof. Nimalan Arinaminapathy, Faculty of Medicine, School of Public Health Professor in Mathematical Epidemiology Imperial College of London, UK on Mathematical Model Analysis – best utilization in achieving END TB goal. This was followed by a session on Role of TB preventive therapy in TB Prevention by Dr Shazia Anjum, WHO, State Consultant, NTEP, Karnataka and another session on Tuberculosis Prevalence survey (National & Sub National) by Dr Leeberk Raja I, Scientist- E, ICMR- National Institute for Research in Tuberculosis, Chennai Dept. of Health Research, Ministry of Health & Family welfare. The technical session for the day concluded with the last session on Successfully Eliminating TB through Quality Improvement- PDSA by Dr. Manoj Jain, MD MPH Rollins School of Public Health, Emory University -Atlanta. The conference ended with valedictory function. The winners of various events were distributed prizes.

National CME on Trends in Psychiatry Practices and Services – 02-12-2023





The National CME on Trends in Psychiatry Practices and Services, held on December 2, 2023, at JSS Medical College and Hospital in Mysore, marked a significant collaboration between the institution and the Indian Psychiatric Society's PG and UG Education Subcommittee.

The inaugural ceremony was graced by Professor Pratima Murthy, the Director of NIMHANS and a senior professor of psychiatry, who set the tone for the event. Accompanying her on the dais were Dr. Surinder Singh, Vice Chancellor; Dr. C P Madhu, Medical Superintendent; Dr. Kiran Kumar, President of JSS Alumni Psychiatry Department; and Dr. Kishor, Professor and Head of the Department of Psychiatry. Their presence highlighted the importance of the event and its relevance to the psychiatric community.

The CME featured a diverse range of presentations, with approximately 15 individuals showcasing e-posters on various topics. Furthermore, six panel discussions delved into critical subjects, including women's mental health, child and adolescent psychiatry, psychotherapy, community mental health, and psychosexual medicine. This comprehensive approach provided attendees with insights into the latest developments and challenges in the field. A notable aspect of the event was the participation of around 100 attendees, reflecting the widespread interest and engagement within the psychiatric community. During the program, the launch of the social media handles for the JSS Psychiatry Department and MINDS Club was a pivotal moment. This student-led initiative, dedicated to safeguarding students' mental health, was inaugurated by the Chief Guest, Vice Chancellor, and other dignitaries.

This move showcased a commitment to leveraging digital platforms for the dissemination of valuable information and fostering community support. Chief Guest Dr. Pratima Murthy's address on Leadership and Mentoring in Psychiatry resonated with the audience, providing valuable insights into the evolving role of leaders in the field. Additionally, Dr. Manjula, Professor of Clinical Psychology, delivered an enlightening talk on Recent Trends in Psychiatry, shedding light on emerging paradigms and approaches. In conclusion, the National CME on Trends in Psychiatry Practices and Services at JSS Medical College and Hospital was a resounding success. It not only provided a platform for knowledge exchange and professional networking but also showcased the commitment of the psychiatric community to advancing the field. The launch of social media handles and the active participation of students through MINDS Club underscored a holistic approach to mental health, acknowledging the importance of both academic and community engagement.

AUB & Hands on training in Merina insertion training – 06-12-2023

A "Session on AUB & Hands on training in Merina insertion" was organised by the department of OBG on 06.12.2023 at SRCA, JSS Hospital in association with GSK pharma. Dr. Sowmya K, Associate Professor gave lecture on AUB. About 30delegates both staff and postgraduate students underwent hands-on training Merina insertion





FORENSIC FAIR – 07-12-2023



The Forensic Fair-2023 is a pivotal initiative hosted by Department of Forensic Medicine and Toxicology at JSS Medical College Campus in Mysuru, to elevate public consciousness about crime and its investigation.

Forensic Fair-2023 was inaugurated by Sri. Ramesh Banoth IPS, Commissioner of Police, on 7th December 2023 at 10.15 AM. Dr. Manjunatha.B, Registrar, JSS Academy of Higher Education and Research, Dr.H.Basavana Gowdappa, Principal, JSS Medical College and Mr.S.R. Satish Chandra, Administrative Officer, JSS Medical College were Guests of Honour.

The fair marked a concerted effort by the Department of Forensic Medicine and Toxicology collaborating with institutions such as Karnataka Police Academy, CEN Police Station Mysuru, Department of Clinical Pharmacy, JSS Pharmacy College, Department of Nutrition and Dietetics, JSSAHER, JSS Institute of Speech and Hearing, Department of Forensic Odontology, JSS Dental College and Snake Shyam.

Nine stalls contributed to distinct facets of forensic awareness:

1. Karnataka Police Academy: This stall educated the visitors on various firearms, including pistols, revolvers, and rifles, fostering an understanding of weapon types.

2. CEN Police Station: This stall raised awareness about Cyber Crime, enlightening the public on the evolving landscape of digital threats.

3. Department of Clinical Pharmacy: Providing valuable information on poisoning precautions, this stall also offered a toll-free assistance number, enhancing public access to guidance in poisoning situations.

4. Department of Forensic Medicine and Toxicology: Through two stalls the department conducted live demonstrations to the visitors on latent fingerprint testing, "TRAP CASE" scenarios, and crime scene management, demystifying the investigative process.

5. Snake Shyam: Offering a video demonstration on snakes and imparting first aid information for snake poisoning, this stall played a crucial role in enhancing public safety awareness.

6. Department of Nutrition and Dietetics: This stall conducted simple tests to highlight food adulteration, contributing to public awareness about the risks associated with compromised food products.

7. JSS Institute of Speech and Hearing: Through demonstrations, this stall elucidates speaker identification techniques in crime detection, showcasing the role of forensic acoustics.

8. Department of Forensic Odontology, JSS Dental College: Provided an overview of the role of dental evidence in crime investigation, this stall emphasized the significance of dental forensics.

The fair was attended by approximately 5000 students, teachers, and the public, which served as a dynamic platform to dispel myths surrounding crime investigation and Forensics. It underscored the paramount importance of fostering awareness in crime prevention, contributing to a more informed and vigilant society.

Therapeutical Advances in Pediatric Dermatology – 10-12-2023

Department of Dermatology and IADVL SIG Pediatric Dermatology organized Pan India CME ON Therapeutic advances in pediatric dermatology at SRCA JSS Hospital on 10th December 2023. Several lectures and panel discussions were held as a part of the scientific program. More than 100 delegates participated in the academic activities. Award paper presentations and poster presentations were held and best papers were chosen and awarded. Renowned academicians delivered lectures in the event. 100 delegates attended this program.





Preventive Oncology CME – 13-12-2023

Preventive oncology CME was organized by the dept of OBG in association with Serum Institute at Hotel President on 13-12-2023. There was panel discussion on Ca Cervix. 30 delegates attended this program.





HPV Vaccination Programme - 19.12.2023

Introduction:

PHRII and JSS AHER are committed to vaccinate 200 girl children across Mysuru. School of Public Health, Department of Pediatrics have joined hands together in this endorsement. The HPV Vaccination Program aimed at rural and peri-urban adolescent girls in Mysuru, aligning with WHO's Global Strategy for Cervical Cancer Elimination, was inaugurated at JSS Hospital. The inauguration, held in the Sri Rajendra Centenary Auditorium on December 19, 2023, saw the participation of esteemed personalities including Dr. B. Suresh, Pro-Chancellor, JSS AHER, Dr. M.S. Jayanth, Reproductive and Child Health Officer, Department of Health and Family Welfare, Dr. H. Basavana Gowdappa, Principal, JSS Medical College, Dr. Purnima Madhivanan, Founder of PHRII, and Dr. Madhu C.P, Medical Superintendent of JSS Hospital. The press and media were present to capture and document this significant and inaugural event.



Inauguration

The pivotal participants of the day were six girls, aged 14, accompanied by their parents from JSS High School, Nachanahally Palya. They received the HPV Vaccine (Gardasil - 9), renowned for effectively combatting various HPV strains responsible for cervical and related cancers. The commitment of PHRII and JSS AHER involves vaccinating free of cost 200 girls across Mysuru, supported by sponsorship from Sun Pharma. Each dose of vaccine costs Rs.10, 500/- in the market.

Mrs. Kavitha from PHRII warmly welcomed everyone, initiating the inauguration with an invocation, which was followed by the dignitaries lighting the ceremonial lamp.Dr. Anil Bilimale, Chief Coordinator of the School of Public Health, JSS AHER, addressed the program's inauguration. Dr. Raghavi provided an overview of the HPV immunization program, explaining the rationale behind targeting this specific age group. Dr. Suresh Bhojraj, Pro-Chancellor of JSS AHER, expressed gratitude to the attendees, the School of Public Health, and the Pediatrics Department at JSS AHER for orchestrating the HPV vaccination program, benefiting over 200 teenage girls in rural and semi-urban areas of Mysuru District. Dr. Prashanth and Dr. Chethak from Dept of Paediatrics extended a warm welcome to Dr. H. Basavana Gowdappa, the Principal of JSS Medical College, and Dr. Madhu C.P, the Medical Superintendent of JSS Hospital.

Dr.Purnima Madhivanan, PHRII's founder, shed light on the cervical cancer burden in India and globally, emphasizing the significance of HPV vaccination and cervical cancer screening for women. Highlighting the 2030 target, she stressed the goal of vaccinating 90% of girls by age 15, screening 70% of women aged 35 to 45, and ensuring 90% of identified cervical disease cases receive appropriate treatment, concluding with the powerful statement, "Stop cervical cancer before it starts!" The event concluded with the felicitation of esteemed guests followed by a vote of thanks.







Indo Swedish Conference on "Air Pollution and Respiratory Toxicology" and Workshop on "Methods of Assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)" – 2.01.2024-4.01.2024

The Department of Respiratory Medicine along with the Department of Biochemistry (DST-FIST Supported Department), JSS Medical College, Mysore Karnataka in collaboration with Department of Environmental Science and Engineering, Indian Institute of Technology Bombay, (IITB), Mumbai, Maharashtra, India and Institute of Environmental Medicine (IMM), Karolinska Institutet, Stockholm, Sweden have organized Indo Swedish one day conference on "Air pollution and Respiratory Toxicology" and 2 day's workshops on "Methods of Assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)" from 2nd to 4th January 2024. This event is supported by Ministry of Education, Govt of India, under Scheme for Promotion of Academic and Research Collaboration (MoE-SPARC).

The conference was designed to understand the role of air pollution on human health and to explore the recent strategies to combat the same while the workshop focused on various techniques crucial in deciphering the impact of pollution by assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)

A total of 29 participants had registered for the conference and 14 participants were registered for the workshop. During the course of workshop, participants were exposed to a wide array of techniques: Demonstration of cell culture, plating of cells in 96-well microtiter plates, cell viability determination by MTT, ROS assessment, ELISA, Lipid peroxidation estimation with serum and LDL. In addition, antioxidant assay using colorimetric methods such as FRAP, DPPH, DCFH-DA were also demonstrated to the workshop participants.



WORKSHOP ON COUNSELLING SKILLS AND SOFT SKILLS TRAINING

16.01.2024-18.01.2024

A workshop on counselling and soft skills was conducted for students of M.Sc in Clinical Psychology in Telemedicine Room, 5th Floor, JSS Hospital. The workshop was conducted by Asmita Jain, Assistant Professor, Department of Clinical Psychology, and was attended by 44 students. This workshop was conducted to prepare the students for the JSS MAN Tele-health Counselling Initiative and equip with the necessary skills.

The workshop used presentations and role-plays to impart training in micro-skills of counselling such as opening up a session, building rapport, reflecting, paraphrasing and using empathy. On Day 1 and 2 , training was focused on the development on skills, and on Day 3 , the students were trained in suicide prevention

strategies and identification of suicide risk.
The workshop was brought to a close by answering queries regarding the practical challenges of tele-counselling. Feedback was elicited from the students, who mentioned that they found it informative and helpful in preparing for the tele-health counselling.




Research Methodology Workshop - Part 3 "Data Analysis to Dissemination"

Research Methodology workshop part 3 titled "Data Analysis to Dissemination", a three-day workshop was conducted by the School of Public Health, JSS Medical College, JSS AHER, from 23rd to 25th January, 2024. Participants included students from School of Public Health, scholars and faculties from the Departments of Nutrition and Dietetics, Dermatology and Biochemistry JSSAHER and PhD scholars from the Department of Environmental Science, University of Mysuru.
The Inauguration Program was presided by Dr Prashanth M Vishwanath, Dean Research, JSSAHER. Dr Divya K L, gave the welcome address, followed by watering the plant. Sir gave speech regarding the pivotal role of recognizing and understanding the importance of statistical software in the field of research. He elaborated how using statistical techniques and software in the right way helps to make meaning out of what otherwise may seem complex and difficult to understand and helps to provide better publications. The vote of thanks was given by Dr.Shilpa D. M after which the workshop was concluded. The entire program was anchored by Dr Harini Vasudev, Project Consultant, School of Public Health, JSS Medical College.




Brief report of the workshop:

On day 1-**Dr. Anil S Billimale** briefed about the entire workshop with the title "DATA ANALYSIS TO DISSEMINATION", followed by asking participants from various other backgrounds their expectations from this workshop.

Some of the learning objectives of this session like Raw data collection, data storage, management, sharing and repository was explained by **Ms. Sheeba Balan**. Insights on data entry into excel, data cleaning and validation. Brief explanation about MS Excel and SPSS along with a hands-on session for data analysis was given by the **Ms.Shashirekha**

On Day 2 Students had the opportunity to practice non-parametric tests and odds ratio.

hands-on data analysis, Report, abstract writing, abstract, difference between Thesis and Dissertation and its submission guidelines coordinated by **Dr.Divya K L and Dr.Sreena T V.** Introduction to how to write a methodology and demonstration on how to make tables and figures was shown. The importance of letter to the editor was taught by **Ms. Sheeba Balan,** Insights on plagiarism softwares, falsification, fabrication of data and the issues to be avoided were addressed. The factors to be considered to avoid plagiarism were

highlighted by **Dr. Sulochanadevi B C.** This was followed by a session on types of authorship, issues faced by authors, and standards to be considered while giving authorship **by Dr. Shilpa DM**

On day 3 a brief explanation on dissemination of research findings and the importance of publication of results was elaborated by **Dr. Sulochanadevi B C**. Then Dr Anil Bilimale explained about Factors to be considered during the publication process, Editors**,** Research profiles, guidelines, ORCID ID creation hands-on session**,** Search engines for journals.

Ms. Shashirekha B provided a hands-on assignment on SPSS based on the lectures over the previous days to assess the participants understanding of the workshop.

Feedback was obtained by participants Feedback session. The Valedictory program was organized on day 3 of the program. The chief guest for the program was Dr.Vishal Kumar Gupta, Dean Academics. Dr.Divya K L, Assistant Professor, School of Public Health, provided the welcome address, followed by Dr.Vishal Kumar Gupta, who shared his views on the importance of research and complimented the efforts of the School of Public Health for organizing this program. Certificates for the participants were given at the end of the session.

JSS CARE 2024 CME ON CRITICAL CARE ADVANCES RESEARCH & EDUCATION

In a significant stride towards advancing critical care knowledge, the Department of Critical Care Medicine, JSS Medical College & Hospital, Mysuru, orchestrated its inaugural Continuing Medical Education (CME) on February 4th, 2024. The event unfolded at the SRC Auditorium, JSS Hospital, Mysuru, and served as a pivotal platform for delving into the latest breakthroughs in critical care.

Emphasizing the paramount importance of updating our knowledge base in the dynamic healthcare landscape, the CME, titled “JSS CARE 2024 (Critical Care Advances Research & Education),” showcased a resolute commitment to staying at the forefront of research and education. Stagnation, in this ever-evolving field, is simply not an option, and the dedication to ongoing education becomes the linchpin propelling us forward.

Under the guidance of Dr.Akshay I/C HOD, the Department of Critical Care Medicine meticulously organized the CME. The organizing committee, including Dr.Shobharani, Dr.Abhilash, Dr.Shailaja, Dr.Ashwini, and the Fellowship students of the department, played a pivotal role in ensuring the event’s success.

The inauguration ceremony, graced by Chief Guest Dr.Suresh B, Pro Chancellor, JSS AHER, Mysuru, and presided over by Dr.H.Basavana Gowdappa, Principal, JSS MC, Mysuru, added a distinguished touch to the occasion. Dr.Madhu C.P., Medical Superintendent, JSS Hospital, Mysuru, and Sri S.R.Sathish Chandra, Administrative Officer, JSS MC, Mysuru, were esteemed guests of honor, further elevating the prestige of the event.

Eminent faculty members from various parts of the state shared their expertise during the CME, delivering lectures on a spectrum of critical care topics. The subjects ranged from extracorporeal therapies in sepsis, weaning failure, AI & emerging technologies in critical care, vasopressin administration in sepsis, interpretation of ABG, nutritional support in critical care, PCR-based diagnosis & MDR & XDR GNB in ICU, venous excess USG in ICU, to exploring the skin as an organ system during daily ICU rounds. This diverse array of topics ensured a comprehensive exploration of critical care advancements.

The scientific program culminated with Dr.Akshay presenting a report on “Department of Critical Care Medicine AHER – A Year in Review,” providing a retrospective look at the department’s achievements.

Around 200 delegates attended the programme. Delegates in attendance lauded the scientific content of CME program and expressed their appreciation for the well-organized and enriching event. The positive feedback underscores the success of the initiative in fostering knowledge enhancement and professional growth among the participants.

Advance GI Endoscopy - Cholangioscopy and EUS Workshop – 04-02-2024

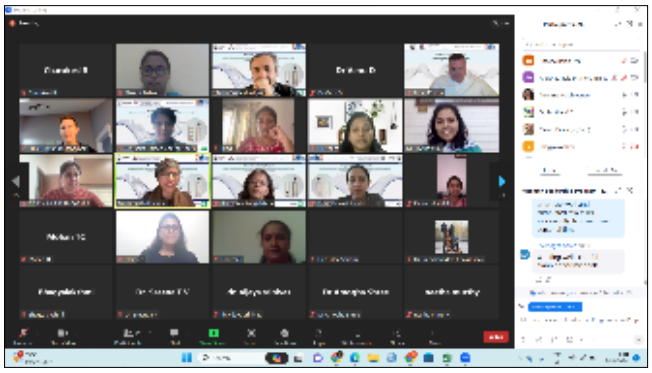


Department of gastroenterology conducted advanced Endoscopic ultrasound and Spy glass cholangioscopy workshop on 04/02/2024. The workshop was conducted by Dr.Nandeesh H.P., Dr.Deepak Suvarna and Dr.(Maj) Aradya H.V. The program was mentored by Dr.Prakash Zacharias, consultant gastroenterologist from Lisie hospital, Ernakulam. Difficult cases of impacted CBD stones were treated by spyglass cholangioscopy and electro-hydraulic lithotripsy, spy bite biopsy was done for CBD stricture, EUS guided gastro-jejunostomy was done for malignant gastric outlet obstruction who was not fit for surgical intervention. Eminent gastroenterologists from across Mysore attended the workshop and the program was highly appreciated by them.

Research Leadership Program Session 2: Virtual Check-In – 15.02.2024 & 16.02.2024

The Research Leadership Program's second session was successfully conducted on February 15th and 16th, 2024, focusing on building mentorship and leadership capacity among scholars from historically under-represented groups. The program was held virtually in Indian Standard Time (IST) 6 pm to 9 pm.

Day 1: February 15th



The session commenced with welcome remarks from Dr. Erika Linnander, Director of the Global Health Leadership Initiative at Yale School of Public Health. A panel discussion on "Women in Indian Academia" followed, featuring Dr. Smitha M C, from JSS Medical College and Ms. Nairitee Sil from IIT Roorkee. The panellists shared their insights, succeeded by an open discussion moderated by Dr. Purnima Madhivanan. Mayur Desai from Yale School of Public Health led an interactive session on "Giving and Receiving Feedback," addressing communication challenges and

Day 2: February 16th

The following day began at 6:00 pm with goal setting by Dr. Erika Linnander. Participants then reflected on their Individual Development Plans (IDPs) with Dr. Mayur Desai and Dr. Brian Dodge contributing to the discussion. An open conversation with program faculty provided a platform for participants to voice concerns and seek guidance. The session ended after group reflections on key takeaways, led by Dr. Purnima Madhivanan. The program was marked by engaging discussions and valuable learning experiences, contributing significantly to the development of leadership skills among the attendees.

Basic principles of Medical Anthropometry workshop – 05-03-2024

The National Level Hands on Workshop on "Basic Principles of Medical Anthropometry", was held on 05-03-2024 in department of anatomy, JSS Medical College, Mysuru, aimed to provide hands-on experience with anthropometric measurements.

Inauguration

Programme started with invocation song by Miss Sinchana Mahesh I year MBBS student and welcome Speech was delivered by Dr Vidya CS Professor and Head, Department of Anatomy. The program was inaugurated by

lighting the lamp by Dr.Manjunatha B, Registrar, JSS AHER, Dr.Vina Ravi Vaswani, Dr.Suma M.N., Vice Principal (Pre-clinical), Dean Faculty of Biomedical Sciences, Sri Satish Chandra S.R., Administrative Officer, JSSMC, Dr.Vidya C.S., Professor and Head, and Dr.Pushpalatha K., Professor of Anatomy Dr.Vinutha S.P., Assistant professor of Anatomy.





Dr. Vina Ravi Vaswani delivered keynote address with a brief introduction, highlighting her expertise and experience in the field of anthropometry. She shared insights into her journey, research, and contributions to the field, establishing credibility and rapport with the audience. Dr.Suma M.N., Vice Principal, (Pre-clinical) JSSMC addressed the gathering and congratulated department of Anatomy for organising Anthropometry workshop. Presidential address was delivered by Dr Manjunatha B, Registrar JSS AHER and he felicitated resource persons **Dr.Vina Ravi Vaswani**, **Dr.Muhammad Nasir Ahmad and Dr.Leena Pramod K.**

Introduction to anthropometric instruments, its uses and applications.

Dr.Leena Pramod, Assistant Professor of Forensic Medicine and Member Secretary, Yenepoya Ethics Committee, Yenepoya Medical College, Mangalore provided a brief introduction to participants with an overview of various instruments used in anthropometric measurements, along with their significance, uses, and applications. The instruments include spreading calliper, sliding calliper, anthropometric rod, goniometer etc.

Ambari Sickle Cell Disease Health Systems Project: Multi-stakeholder Meeting and Panel discussion – 05-03-2024



The Ambari Sickle Cell Disease Health System Project was organised by The School of Public health.

The inauguration ceremony featured a symbolic plant-watering ritual, signifying the event's commitment to growth and revitalization. Subsequently experts, delivered insightful introductions, drawing from their extensive expertise and perspectives, setting the stage for a comprehensive and enlightened dialogue. Esteemed experts and dignitaries from across the globe convened for this assembly, including individuals such as Dr.Tulika Seth, Dr.Dipty Jain, Dr.Nandakumar Menon, Dr.Prantar Chakrabarti, Zoho corporation Chennai, , Mr.Gautam Dongre, Secretary, National alliance of Sickle cell organization (NASCO), and Dr.Tanya Seshadri, Director of Tribal Health Resource Centre, Vivekanand Girijana Kalyana Kendra, Additionally, noteworthy contributions were made by Dr.Staci Arnold, Associate Prof, Emory School of Medicine and Dr.Giriraj R Chandak, Scientist F, Centre of Cellular & Molecular Biology, Hyderabad.



Panel discussions underscored essential approaches vital for the efficient handling and elimination of Sickle Cell Disease (SCD). These strategies encompassed the elevation of public consciousness, the utilization of digital innovations for enhanced communication, the validation of screening and diagnostic techniques, and the formation of supportive frameworks within indigenous populations. Moreover, there was a suggestion to adopt a Public-Private Partnership (PPP) model as a pivotal strategy, aiming to leverage combined capabilities for

substantial progress in addressing SCD.



The event concluded with a comprehensive presentation of strategic recommendations covering short, mid, and long-term initiatives drawn from the discussions, presenting a cohesive strategy for addressing Sickle Cell Disease (SCD). Concluding statements, provided by the faculty of the School of Public Health, conveyed deep appreciation to all participants for their invaluable insights and collaborative contributions. This gathering not only tackled the urgent challenges in SCD elimination but also outlined actionable plans, emphasizing a commitment to devising effective solutions through coordinated efforts and common goals.

Day 2:

DATE: 06.03.2024

MEETING ON AMBARI SICKLE CELL DISEASE HEALTH SYSTEM PROJECT SICKLE CELL DISEASE CARE: PANEL DISCUSSION WITH NATIONAL MENTORS

The Ambari Sickle Cell Disease Health System Project, in collaboration with the District Health and Family Welfare Services, Chamarajanagara, the Institute of Public Health, Bengaluru, and the Centre for Training Research and Innovation in Tribal Health, organized a panel discussion on March 6, 2024, at Chamarajanagara Institute of Medical Sciences. The event was graced by national experts on Sickle Cell Disease, including Dr.Girish Patel, Principal of CIMS, Mr. Shivnag, District Tribal Welfare Extension Officer, Chamarajanagara, Dr. Ravi, District Tuberculosis Officer, Chamarajanagara, Dr.Dhamayanthi, Community Medicine HOD, CIMS, and Dr. Chandrashekar, Assistant Director, Institute of Public Health, Bengalure. Dr Anil S Bilimale Chief MPH Coordinator, School of Public Health, Mysuru, Dr.Shashank and representatives from Novartis Healthcare Private Limited, Community Health Officers, Chamarajnagara, faculties from Chamarajnagara Institute of Medical Sciences, faculty from the School of Public Health, representatives from Institute of Public Health and dedicated volunteers.With a soulful tribal song, the three tribal leaders, Dr.Ratnamma, Muniyemma, and Basavaraju, invoked the Almighty.

Dr. Deepa Bhat then presented a Brief on Sickle Cell Disease Management in Primary Healthcare Level, shedding light on key strategies and challenges faced in managing this condition. After a short break, a Panel Discussion on Sickle Cell Disease Management and Referral commenced, featuring Dr.Tulika Seth, Dr.Dipty Jain, Dr.Nandakumar Menon, Dr.Prantar Chakrabarti, Mr.Gautam Dongre, Dr Ravi, District Tuberculosis Officer, Dr.Sharath, General Physician, CIMS, and Dr Vidyasagar, Pediatrician, CIMS, and Dr.Tanya Seshadri, engaged participants in interactive discussions with the help of case scenarios.





CME cum workshop on AI in Research & Publications – 15-03-2024



Artificial intelligence (AI) is not merely an incredible advancement in our fast-paced society, it is the need of the hour. Department of Physiology, JSSMC, Mysuru, successfully hosted a National CME cum Workshop on "AI in research and Publication" with 2 KMC Credit hours, on 15.03.2024 at Medical Education Unit. Dr. Rajeshwari. L, Professor & Head, Department of Physiology welcomed the dignitaries and delegates to the programme. The event was inaugurated by the eminent guests by lighting the lamp. Next, Dr.Sudha B.Srinivas, Professor, Department of Physiology, introduced our chief guest, Dr.R.Jagadeesh. And he delivered a keynote address.After his talk, Dr.Praveen Kulkarni, Vice Principal (para-clinical), JSSMC, felicitated Dr.RJagadeesh in the presence of all dignitaries and delegates. Following Sri. S. R. SatishChandra, administrator officer, JSSMC, the Guest of Honour addressed the gathering. Dr.Praveen Kulkarni, carried out the presidential speech.

The Chief Guest, Dr. R Jagadeesh, Professor and Dean, Department of Business Administration, Vidyavardhaka College of Engineering in Mysuru, and Dr. Sunil M.V., Assistant Professor, Systems and General Management, SDM IMD in Mysuru, led the workshop. The event took place in a hybrid mode with 118 delegates in total. Under the direction of the organizing chairman, Dr.Rajeshwari L, Professor & HOD, and organizing secretary, Dr.Ramya C.M., Assistant Professor, Department of Physiology, JSSMC, the program was conducted successfully.

Session 1 : 'Introduction to Research and Publishing':
Dr.R.Jagadeesh covered the most relevant topic, which is how AI might accelerate your academic obligations and responsibilities linked to research and publications.

Session 2 : 'Understanding AI and its relevance for Research: LiteratureReview'
Dr.Sunil M.V. started his session with interesting interaction which captured the attention of all the audience. The session delved into literature reviews, emphasizing the value of utilizingcutting-edge instruments and artificial intelligence (AI) for efficient research management.



Session 3: 'Critical thinking, Searching for topics and the journal, Using AI tools to build the outline and the content': Dr.R.Jagadeesh handled an informative session exploring real-world applications of AI in various research domains. the process.

Session 4 [2 - 3:30 pm]: 'Publishing your paper, Handling rejections, Publication Ethics in AI era. Challenges and Issues' by Dr.R.Jagadeesh
Next session by Dr. R Jagadeesh tackled a biggest challenge of all time- Publication in an indexed journal and also handled a sensible issue regarding the ethical considerations that mayarise. This session delved into the ethical implications of using AI in research and publication,providing insights into responsible AI practices and ensuring the integrity of scholarly work.

Session 5 [3:30- 5 pm]: 'Harnessing the power of AI for Writing, Editing and Refining the manuscripts' by Dr.Sunil M.V.



The session by Dr. Sunil M V was so interactive and coherent. He started with presenting the AI tool website and he took a couple of representatives from the audience to give prompt for desired output. This made audience to come up with varied suggestions about missing specific prompt instructions, and this act ensured the liveliness and active participation of the audience. Thus he taught how to give proper prompt to the tools. He introduced additional resources like Perplexity.ai and Gemini by Google (for paraphrasing and editing). There was Hands-on experience with Jenni, Elicit, ChatGPT, Perplexity and Gemini. This session equipped the audience with practical insights into the effective use of AI for literature review and research management.



Revolutionizing Healthcare: The Role of AI in infectious diseases management

Department of Microbiology at JSSMC hosted a Webinar on March 4th on the topic & quot; **Revolutionizing Healthcare - Role of AI in Infectious Diseases**". We had an overwhelming 360 registrations for the event, and around 220 attended the session with due enthusiasm. The Master of Ceremony was conducted by Dr.Deepashree R, while Dr.Sowmya G.S. introduced the speaker for the webinar. The webinar session was chaired by Dr.Subhashchandra, Professor in the Department of Medicine, and Dr.Tejashree A, Professor and Head of the Department of Microbiology. The chairpersons conducted the proceedings of the webinar by welcoming the speaker and introducing the topic. Dr.Tavpritesh Sethi, a renowned AI physician, was the speaker. Dr. Sethi discussed in detail the basics of AI applications in healthcare and also provided insights on research ideas, including federated data management and AI models. After the speaker's talk, the chairpersons interacted with the speaker with a few questions. The session was concluded by a vote of thanks, delivered by Dr.Sujatha S.R., followed by a group photo.

Forensics Club: Oculis Iuris- Debate Competition – 16-03-2024

The Forensic Club Oculis Iuris of JSS Medical College successfully conducted a highly engaging and thought-provoking debate competition on March 16, 2024. The event centred around the overarching theme, "Revolutionizing Rights: Is 18 the New Age of Authority or a Dangerous Gamble?" The competition brought together students to deliberate on pressing issues related to rights and responsibilities, particularly focusing on the age of 18 as a threshold for various privileges and obligations.

The debate held in the Medical Education Unit was adjudicated by esteemed faculty members, including Dr. Arun, Professor of Forensic Medicine and Toxicology (FMT), Mr. Jagdish, and with the invaluable guidance of Dr. Chandrakant, Head of Department (HOD) for FMT, and Dr. Smitha. Their expertise ensured fair evaluation and insightful feedback for the participants.

The winners of the competition were Mr. Ankit Aggarwal and Mr. Dhrish Vasa, who also earned the Best Speaker Prize with his exceptional rhetorical skills and compelling arguments. Mr. Adnan Ibrahim and Mr. Allen Abraham showcased commendable debating prowess and secured the position of runners-up.

Overall, the debate competition was a resounding success, thanks to the collaborative efforts of the

organising committee, participants, judges, and faculty mentors. Such initiatives not only enrich the academic environment but also contribute to the overall growth and development of the student community.





Critical Appraisal of Grant Writing – 23-03-2024

A one-day International Workshop on "Critical Appraisal of Grant Writing", organized by the School of Public Health, JSS AHER, Mysuru, took place on March 23, 2024. The event commenced with an inauguration and keynote address delivered by Dr. Prashant Mathur, Director of ICMR NCDIR, who shared valuable insights into grant writing. Dr. Sridevi Annapurna Singh, Director, CSIR-CFTRI, graced the occasion as the Guest of Honor, adding her expertise to the workshop. Additionally, Dr.Chandan S., the Deputy Dean (Research), JSS AHER, graced the occasion. The sessions were handled by esteemed faculty members from renowned universities. These included Dr. Purnima Madhivanan, Associate Professor at the Mel and Enid Zuckerman College of Public Health, University of Arizona, USA; Dr. Mayur Desai, Professor of Epidemiology at the Yale School of Public Health, USA; Dr. Brian Dodge, Professor and Director of the University of Arizona LGBTQ+ Institute, USA; Dr. Subba Rao MVSST, Professor in the Department of Biochemistry at JSS Academy of Higher Education & Research, Mysuru; and Dr. Mahesh PA, Professor of Respiratory Medicine at JSS Medical College & Hospital, JSS Academy of Higher Education & Research, Mysuru.

With a participation of over 35 individuals from various disciplines including Savitribai Phule University Pune, Mysore Medical College and Research Institute, JSS Medical College, Department of Nutrition, and School of Public Health, JSS AHER, the workshop provided a platform for collaborative learning and skill enhancement. Throughout the day, participants engaged in critical discussions and analysis, both formally and informally, fostering an environment conducive to knowledge exchange and professional growth. This workshop not only equipped participants with essential grant writing skills but also stimulated meaningful dialogue on advancing research endeavours in the field of Public Health and allied disciplines.









Contextualised Approach to Antimicrobial Stewardship – 06-04-2024



On April 6th, Dept of Microbiology conducted a preliminary Round Quiz titled - "Contextualized Approach to Antimicrobial Stewardship" organized by PGIMER Chandigarh in collaboration with the Society for Antimicrobial Stewardship Practices in India (SASPI). This quiz program was Coordinated by Dr Deepashree R, Asst Prof, Dept of Microbiology and Foundation member of SASPI.

Total 7 teams participated in the quiz. And Team 3 (Dr Bhargav, PG , Dept of Pulmonology and Dr Deepa, PG, Dept of Pharmacology) secured highest marks followed by Team 4 - second highest (Dr Preethika, SR, Microbiology; Dr Nikita, JR Microbiology and Dr Rachita PG, Paharmacology) and Team 6- Third highest (Dr Mirza Asgar,PG, Medicine; Dr Varun, PG, Medicine and Dr Bharanitha, PG, Medicine) prelim rounds and they will be representing JSS Medical College in Final Round conducted on Aug 24th-Aug25th, in PGI Chandigarh during ASPICON 2024.



Interdepartmental colloquium – 20-04-2024

Interdepartmental colloquium was organised from the Department of Anatomy, Physiology, Biochemistry and Gastroenterology to commemorate the World Liver Day on 20th April 2024 in Gallery 6, JSS Medical College from 11 am to 1 pm.

Dr. Suma M. N, Vice Principal (Preclinical), Sri S R Satish Chandra, Administrative Officer, Dr. Vidya C.S., Professor & Head of Anatomy, Dr. Rajeshwari L, Professor & Head of Physiology and Dr. Swetha N.K., Associate Professor of Biochemistry, JSS Medical College, Mysuru grace the occasion.

Dr. Swetha N. K, Associate Professor, Department of Biochemistry welcomed all the dignitaries, teaching staff and the students. Dr. Suma M. N, Vice Principal (Preclinical) addressed the gathering emphasizing the significance of World Liver Day in line with the theme and administered the oath to the students in a unique way. Sri S R Satish Chandra, Administrative Officer addressed the gathering by encouraging everyone to lead a healthier lifestyle. Dr. Priya S. A, Associate Professor, Department of Physiology proposed the vote of thanks.

Dr. Geetchandra Tongbram, Post-graduate student, Department of Anatomy spoke on the topic "Anatomy of Liver"Dr. Atchaya, Post-graduate student, Department of Physiology spoke on the topic "Functions of Liver". Dr. Sowpackia Manimozhi S, Post-graduate student, Department of Biochemistry spoke on the topic "Liver Function Tests". Dr. Abhishek Kabra, Post-graduate student, Department of Gastroenterology spoke on the interesting topic "Case on obstructive jaundice". Feedback was taken from Ms. Shwetha Rai, M. Sc student. She excitedly spoke about how useful and educational the program was to all the students. This was the first of it kind the program was organised at an interdepartmental level. Dr. Vinutha S. P, Assistant Professor of Anatomy co -ordinated the program.





National CME on "Unleashing Potential: Global Career Opportunities for Pharmacology Postgraduates" - 25-04-2024

The CME aimed to provide insights into the diverse career opportunities available for pharmacology postgraduates beyond academia, particularly in the global pharmaceutical industry.

Dr. Satish A.M, Professor and Head of the Department of Pharmacology, JSSMC, Mysuru, delivered the introductory speech from 9:30 am to 9:45 am, Introductory speech highlighted the importance of medical pharmacologist in healthcare setup who are back ground players with a vital role in drug development, maintaining its safety and efficacy and have a key role in translation of information from bench to bedside.

Dr.Jayasheel B G, Head of Regulatory Affairs, Alcon Laboratories (India) Private Limited, Bengaluru, conducted a scientific session on "Regulatory Affairs: Drug Development from Regulatory Perspective". He discussed about various career opportunities and role of pharmacology postgraduates in regulatory affairs, structure of regulatory authorities and important regulations in all the levels central as well as state wise.

The inauguration ceremony took place following this, with Chief Guest Dr.Jayasheel B.G., presided by Dr. Praveen Kulkarni, Vice Principal (Para Clinical), and S R Satish Chandra, Administrative Officer, JSSMC.

Mr. Jestin V Thomas, Managing Director & CEO of Leads Clinical Research & Bio-Services Pvt. Ltd., Bengaluru, conducted a session on "BA-BE Studies". He discussed the importance of conducting BA-BE studies and future prospects for MD Pharmacology postgraduates as Investigators. He also discussed about various roles and responsibilities in the BA-BE setup. Also, he added the potential job roles for M. Sc medical pharmacology postgraduates i.e., ranging from QC, QR, research associate etc.

A detailed and informative session on Medical Affairs & Global Drug Development was delivered by Dr. Manjunath R., Senior Global Medical Manager at Novo Nordisk, Copenhagen, Denmark, on "Opportunities to Go Abroad".

Dr.Poornima R., Team Lead at Indigene, Bangalore, gave a talk on "Scientific Writing & Device Technology: PSUR, CSR, CER for Regulatory Submission & Pharmacovigilance Opportunities". She has explained the various types of medical writing ranging through different stages of drug development (e.g., CSR, CER, DSUR, PSUR, PBRER, PADER etc.)

Dr. Ashwini. V, Associate Medical Director at Astrazeneca, Bangalore, gave a sneak peek on "Career Opportunities in Pharma and Allied Industries for Indian Pharmacologists". She explained the various job labels for medical pharmacologist in drug development. Also, she discussed the opportunities and limitations of working in Global MNC, Indian MNC and CROs.

Final Session was by Dr. Purushotham Naidu, Senior Global Program Safety Lead at Novartis, New Jersey, United States, gave bird's view on "Medical Affairs & Global Drug Development: Unleashing Potential". He discussed about various job roles in Pharmacovigilance i.e., ICSRs, Aggregate Reporting, Signal management and Risk-Benefit Analysis. Also, also highlighted the importance of Artificial Intelligence and Machine Learning in Healthcare Setup and its impact on job opportunities in pharmaceutical industries.



Medical Laboratory Professionals Week (MLPW) – 07-05-202

Medical Laboratory Professionals Week (MLPW) was celebrated at JSS Hospital recently. This provided an opportunity to increase public awareness, understand, and appreciate the laboratory professionals for their dedication and vital role they play in the field of medicine by conducting essential diagnostic tests, analyzing samples, and ensuring accurate results that guide patient care and public health efforts.

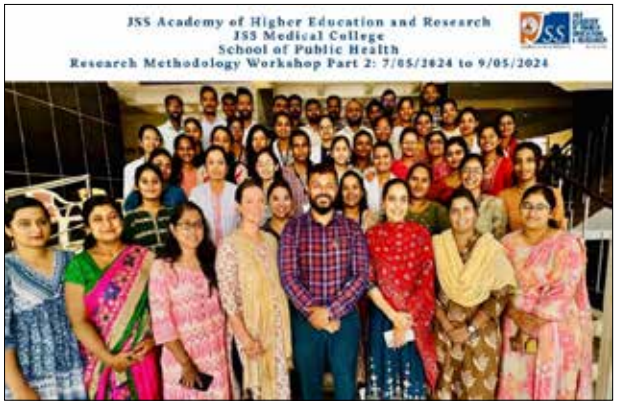
The theme for Lab Week 2024 is "The Future is Lab." This theme highlights the adaptability, resilience, innovation, and expertise of laboratory professionals during patient care.

\Medical Superintendent Dr.C.P.Madhu, Deputy Director Diagnostics Dr.G.V.Manjunath, Professor & Head, Department of Pathology Dr.Sheela Devi, Professor & Head, Department of Microbiology, Dr.Tejashree A, Professor & Head, Department of Biochemistry, Dr.Akila Prashant and Administrative Officer, Mr. Lokesh graced the occasion and wished the laboratory professionals for their dedication and active contribution to the growth of the Institution. The program was sponsored by Roche Diagnostics.

Research Methodology Workshop - Part 2 "Data Acquisition to Analysis



Research Methodology Workshop Part II "Data Acquisition to Analysis", focused on the systematic gathering of relevant data using appropriate methods and tools tailored to the research question. Research Methodology Workshop was conducted from 7th to 8th May, 2024. Seven faculties from the School of Public Health were resource persons. Participants included students from School of Public Health (39), scholars from the Departments of Environmental Science(2), University of Mysuru, PhD scholars from Department of Medical Microbiology(1), Department of Rheumatology(2), JSS AHER Mysuru. Inauguration of the workshop on day one was done by Dr. Audra Lynn Anjum, Instructional designer, Ohio University, and a distinguished Fulbright-Nehru scholar. The workshop focused on several aspects of research, framing a questionnaire and data collection etc. Expert speakers shared insights on several topics with participants being engaged in interactive sessions with the subject experts, practical exercises on using Microsoft and data



cleaning, fostering an interesting working atmosphere. On day three, the Valedictory Program was presided by Dr. Javad Anjum, MBBS, Med, PhD, Assistant Professor, Department of Communication Sciences and Special Education, University of Georgia, USA. All the participants found the workshop to be very helpful, and most feedback involved wanting more of these workshops.

The Inauguration Program was presided by Dr. Audra Lynn Anjum, Instructional Designer from Ohio University, **DISTINGUISHED FULBRIGHT-NEHRU SCHOLAR.** Dr Audra Anjum addressed the gathering regarding research topic and its importance and highlighted that regardless of interest of subject the research work always contributes to the society.

One-day CME program on Unlocking Precision Medicine: Exploring the Clinical Utility of LC-MS/MS in Diagnosis and Treatment – 08-05-2024

The Department of Biochemistry and the Department of Medical Genetics, JSS Medical College & Hospital, JSS Academy of Higher Education & Research (JSS AHER) conducted one-day CME program on "Unlocking Precision Medicine: Exploring the Clinical Utility of LC-MS/MS in Diagnosis and Treatment", on 8th May 2024

at Sri Rajendra Centenary Auditorium, JSS Hospital, MG Road, Mysuru and Hands-on workshop on Expanded newborn screening using LS-MS/MS at the Clinical Biochemistry Laboratory, JSS Hospital on 9th May 2024. Around 150-200 delegates registered for the CME and 15 delegates registered for the workshop including faculty, research scholars and undergraduate and postgraduate students of various institutions.

The event was inaugurated by Dr. Manjunatha B, Registrar, JSS AHER who was the chief guest for the event. Dr. Prashant Vishawanath, Dean Research, JSS AHER; Dr.G.V.Manjunath, Deputy Director Diagnostics, JSS Hospital; Dr. Suma M.N. Vice Principal, JSS Medical College and Mr. Sathish Chandra, Administrative Officer, JSS Medical College were the guest of honors. Dr. Akila Prashant, Professor & Head, Department of Biochemistry and Convener, Department of Medical Genetics and the organizing chairman of the event welcomed the gathering. All the dignitaries wished the program a grand success

This one-day CME was aimed at introducing the delegates to basics of LC-MS/MS technology and its clinical applications. Experts from various parts of the country participated and shared their experiences with the delegates along with the latest updates on this emerging technology. Mr. Kankan Jana, Sciex LCMS/MS Analyst; Prof. Kanury V.S. Rao, PhD, Co-Founder & CEO Pred Omix Health Sciences Pte. Ltd. Singapore; Dr.Swetha V (Biochemist - Lab Operations -Bangalore Reference Lab), Dr Lal PathLabs Ltd, Bengaluru; Dr Alpa J Dherai, Consultant, Clinical Chemistry & Immunology, P.D.Hinduja Hospital, Mumbai; Prof. Utpal Tatu, Chairman, Department of Biochemistry, Indian Institute of Science, Bengaluru; Dr. Deepa Bhat, Genetic Counsellor, JSS Hospital, Mysuru; Mr. Sarthak Gupta, Product Marketing Manager LCMS/Small Molecules – Thermo Fisher Scientific were the esteemed speakers for the event. Broadly, aspects like the basics of LC-MS/MS, its clinical utility in newborn screening and therapeutic drug monitoring, biomarker discovery for cancer detection and the role of genetic counsellor was discussed during the CME. This activity benefited the students and faculty to understand the utility of the advanced facilities available in the institute.




World Maternal Mental Health Day – 08-05-2024

World Maternal mental health day was observed on 08.05.2024 by the Department of Psychiatry in collaboration with the Department of Obstetrics and Gynaecology at JSS Hospital. The occasion was graced by JSSMC Principal Dr.H.Basavana Gowdappa who called for greater cooperation between departments. JSS Hospital Medical Superintendent Dr.C.P.Madhu emphasised low cost charges offered for Hospital Services, Vice principal Dr.Manthappa appreciated the initiative. Professor & Head, Department of Psychiatry Dr.M.Kishor pledged for more collaborative resources. Professor & Head, Department of OBG Dr.Mamatha S. emphasised continued care. Overview of Women Mental Health and Maternal Mental Health status in India was presented by Dr.Priyankha, Dr.Venkatesh, PG Residents, Dept. of Psychiatry, JSSMC. Awareness Talk for women in perinatal period at JSS Hospital was given by Dr.Megha Sadashiv, Senior Resident, Dept. of Psychiatry, JSSMC. Dr.Shalaka Atre did the comparing and Dr.Vikrant Arora gave vote of thanks.




Hands-on Workshop titled "Expanded Newborn Screening Using LC-MS/MS"

The Department of Biochemistry & Department of Medical Genetics, JSS Medical College and Hospital, JSS Academy of Higher Education & Research, Mysuru a Hands-on Workshop titled "Expanded Newborn Screening Using LC-MS/MS" on 9th May 2024.

During the hands-on workshop, four different sessions including a pre-workshop test, followed by a guest lecture, a hands-on demonstration, and a post-workshop test were conducted. The resource faculty Mr. Kankan Jana (Sciex LC-MS/MS Analyst) provided comprehensive insights into the working principle, hardware, and applications of LC-MS/MS technology. The lectures were followed by a demonstration of the instrumental tuning methodology and the expanded newborn screening (NBS) multiplex assay using the Sciex Triple Quad 4500 LC-MS/MS platform available at the Clinical Biochemistry Laboratory, JSS Hospital. The hands-on workshop was attended by 15 delegates including faculty, undergraduate and postgraduate students. They highly appreciated the informative lectures and efforts provided by the guest speaker, and organizing faculty and staff during the demonstration of the protocols. During the valedictory ceremony, the top two highest scorers of the pre- and post-workshop tests were appreciated with a souvenir by Dr. Akila Prashant. Mr. Hemanth Vikram P R (Research Scholar, JSS College of Pharmacy, Mysuru) secured first place, and Dr.Indumathi T (Postgraduate Student, Hassan Institute of Medical Sciences, Hassan) secured second place.





Neonatal Sonographic Clinical Assessment (NeoSCAn) – 10.05.2024 to 19.05.2024

Online classes were regarding the principles of medical ultrasound and its application in neuroimaging, echocardiography, lung ultrasound and guided procedures. The participants were provided one week prior to commencement of the program with the training manual specifically written for this course by the NeoSCAn team. The online classes were held on Zoom platform between 10th and 17th May 2024. Each class was conducted by the designated faculty which was followed by question-and-answer secessions. Total duration of online classes was 15 hours.

Hands-On training was conducted on 18th and 19th May at SRCA, JSS hospital. Homegrown Simulators (Simulator baby for ultrasound – SIMBU), 5 numbers were used for training the participants with near real-life experience of learning point of care ultrasound. Homegrown Phantoms were used to train the participants in vascular cannulation and urinary bladder tapping. The duration of the program exceeded the stipulated time due to enthusiasm of the participants. The total duration of the Hands-On training was 15 hours.

Postgraduates from the department of Pediatrics from JSS hospital, Postgraduates in pediatrics from MMCRI and few practicing pediatricians and pediatric staff participated in the program there were total of 50 registrations of which 46 attended the hands-on training.

Experts in the field of Neonatal Point of care ultrasound were invited to train the participants. Following is the list of faculties who were involved in this value-added programme.

Dr Naveen Parkash Gupta, Consultant Neonatologist, Madhukar Rainbow hospital, New Delhi

Dr Venkatesh H.A, Consultant Neonatologist, Manipal Hospital, Bengaluru
Dr. Nalinikanth Panigrahi, Consultant Neonatologist, Rainbow hospital, Hyderabad
Dr Pradeep Kumar Sharma, Consultant Neonatologist, Deep Hospital, Ludhiana
Dr Swetha K, Consultant Neonatologist, Rainbow Hospital, Sarjapur branch, Bengaluru
Dr Srinivasa Murthy D, Professor in Pediatrics, JSS hospital, JSSAHER, Mysuru

Hands-On Programme:

Hands-On programme began on 18th May 2024, 8 AM with registration of all the participants. The faculty briefed about the objective of the programme and what is expected to learn from the participants. The participants were grouped into 5 groups and the groups were colour coded. Each group attended one station with SIMBU.

SIMBU is a home-grown electronic simulator which is a life size newborn manikin. The manikin is studded with appropriate hard and software and comes with an inbuilt display for ultrasound images. The sensors on the body recognizes the probe and displays appropriate ultrasound videos simulating real life experience. SIMBU can be used for cranial, cardiac, lung, pulmonary, jugular and airway ultrasound. One of the stations was for conducting ultrasound guided procedures. This station had phantoms for the participants to cannulate or do bladder tap using real ultrasound machine. Each station began with the instructor performing the ultrasound on SIMBU with emphasis on placement of probe and identification of the structures displayed. Later each participant were mandatorily made to repeat the same task until they could comfortably obtain appropriate ultrasound images and identify the structures. There was a debriefing session after completion of each station.



Live Operative Workshop –KUA - MYSOGUS Pediatric UROCON- 2024 - 11-05-2024

The prestigious live operative workshop, KUA-MYSOGUS Paediatric Urocon-2024 was inaugurated at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru on 11-05-2024. This significant event was a collaborative effort organized by JSS Hospital and the Mysore Society of Genito-Urinary Surgeons (MYSOGUS) under the aegis of the Karnataka Urology Association (KUA).

The inauguration ceremony was graced by Dr.Basavana Gowdappa H., Principal, JSS Medical College, Mysuru, Dr.C.P.Madhu, In-Charge Director & Medical Superintendent, JSS Hospital, Mysuru and Dr.Rajeev T.P, President Elect, Urological Society of India (USI), Dr.Chandrashekar V Rao, President, KUA, Dr.Narendra J.B., Secretary, KUA, Dr.Prakash H.S., President, MYSOGUS, Dr.Amruthraj G.Gowda, Organizing Chairman, Dr.Sachin Dharwadkar, Organizing Secretary.

The workshop was a comprehensive one-day program focusing on paediatric urology, showcasing 14 live surgeries conducted in the JSS Hospital operation theatres. These surgeries were directly relayed to the SRC Auditorium, providing an unparalleled educational experience for the attendees.

The event witnessed an enthusiastic participation of approximately 160 delegates from Karnataka and various parts of India, reflecting the workshop's importance and the high level of interest in paediatric urology within the medical community.

This live operative workshop provided a unique platform for knowledge exchange, skill enhancement, and professional networking, significantly contributing to the advancement of paediatric urology practices. The successful conduct of this workshop highlights the commitment of JSS Hospital, MYSOGUS, and KUA towards excellence in medical education and patient care.

In the workshop around 14 cases of Paediatric Urology was operated by eminent faculty. The workshop hosted around 170 delegates from Karnataka & other states of India.

Faculties:

- Dr.M.S.Ansari, Prof & HOD – SGPGI, Lucknow
- Dr.Narendra Babu, Prof & HOD – Indira Gandhi Child Health Hospital, Bangalore
- Dr.Shivaji Mane, Senior Paediatric surgeon – Pune
- Dr.Mallikarjun Reddy, Senior Urologist – Hyderabad





Basic Recap of Neuroanatomy for Postgraduate Students – 11-05-2024

The hands on Workshop - "Basic Recap of Neuroanatomy for Postgraduate Students", was held on 11-05-2024 jointly organised by department of Anatomy and Department of General Medicine Dr. H Basavana Gowdappa (Principal), Sri Satish Chandra SR (Administrative officer), Dr. Y.S. Ravi Kumar (Professor and Head, Department of General Medicine), Dr. Vidya CS (Professor and Head, Department of Anatomy), Dr. Prashanth S N (Professor and Head, Department of Pediatrics), Dr Shasthara (Associate professor, Department of

Neurology), Dr. Srinath KM (Professor, Department of general Medicine) graced the inauguration ceremony. Dr. H. Basavana Gowdappa, Principal, JSS Medical College and Hospital, delivered the keynote address highlighting the practical applications of neuroanatomy research in clinical settings, including the diagnosis and treatment of neurological disorders.

Hands-on Sessions: Introduction and overview of CNS

Dr. Vidya CS, Professor and Head, Department of Anatomy provided a brief introduction began by elucidating the fundamental structure of the spinal cord.

Dr.Shasthara discussed about related clinical correlations and enlightened the attendees at the end of each session., Dr. Uma Shivanal, Senior Resident, Dr. Maruthy Prasad, Assistant Professor, Dr. Rashmi Goshi Associate Professor conducted hands on sessions.





CME ON "Role of Technology in Health Sciences" MDS SILVER JUBILEE – 12-05-2024

Department of Dermatology, JSS Medical College and Mysore Medical College and Research Institute with Mysore Dermatology Society organized MDS Silver Jubilee- CME 12th May, 2024 at Mysore. Dr. Veeranna S. (Professor), Dr. Kanthraj GR. (Professor and HOD), Dr. Ashwini PK. (Associate Professor) and Dr. Chethana SG. (Assistant Professor) were members of the organizing committee. MDS oration- "Role of Technology in Health Sciences" was delivered by Dr. S. Sacchidanand, former Vice Chancellor of Rajiv Gandhi University of Health Sciences and Research Center, Bangalore. Lectures and panel discussions were held on the management of acne, psoriasis, hair disorders, pigmentary disorders, atopic dermatitis and fungal infections. Dr.Ranugha P.S.S., Assistant Professor, was a panelist for the discussion on psoriasis. Dr.Kanthraj G.R., Professor and HOD, was a panelist for the panel discussion on acne. Keynote address was given by Dr.Mitaxari Hugar, President of IADVL-KN. Scientific papers were delivered by various post graduate students across Karnataka and this session was chaired by Dr.Ashwini P.K. Dr.Chandana S.P., 2nd year post graduate, JSS medical College, won 2nd prize for her paper on "Pachydermoperiostosis". Post graduate quiz was conducted by Dr.Vinutha R., Assistant Professor, JSS Medical College. Dr.Sughan Balaji and Dr.Tanmayi Komal, final year post graduate students from the department of dermatology JSS Medical College, secured 2nd prize in the PG quiz. Around 150 delegates attended this CME.

MDS SILVER JUBILEE oration- "Role of Technology in Health Sciences" was delivered by Dr.S.Sacchidanand, former Vice Chancellor of Rajiv Gandhi University of Health Sciences and Research Center, Bangalore.




Launch of novel mobile app Antibiotica – 15-05-2024

Launch of novel mobile app "Antibiotica" by Department of Pharmacology, JSS Medical College. The launch event was chaired by Dr Suma M N, Vice Principal (Pre-Clinical), Dr Praveen Kulkarni, Vice Principal (Para-Clinical) and Mr. S R Sathish Chandra, Administrative Officer, JSS Medical College, Mysuru. The project is funded by ICMR for MD Research Thesis to Dr. Krishna Teja Dwibhashyam, MD Postgraduate.

It was developed under the guidance of Dr. Prathima C, Associate Professor Department of Pharmacology, JSS Medical College and Dr. Vanishri Arun, Associate Professor, Department of Information Science & Engineering, SJCE, Mysuru.

Dr Satish A.M, Professor & Head, Department of Pharmacology, JSS Medical College, Mysuru alongside with other faculties and postgraduates of Pharmacology graced the event.

Antibiotica is a quick bedside reference tool for clinicians, post-graduates and interns for prescribing antibiotics. It will help in overcoming knowledge gaps, misuse and overuse of antibacterial agents, promotes rationale prescription of antibiotics and minimize antimicrobial resistance (AMR) thereby reducing morbidity and mortality related to AMR.

It is developed based on National Centre for Disease Control guidelines (NCDC) and offers information about various infections and recommended antibiotic therapy, prophylactic antibiotic therapy recommended for adult and paediatric surgical procedures and includes pertinent drug information.







International Museum Day – 23-05-2024

On the occasion of International Museum Day, the Department of Anatomy, JSS Medical College, Mysuru, conducted the following events on 23-05-2024. "Poster making competition" for I year MBBS students of 2023-24 batch and "Museum visit" by Medical Physics Students, School of Life Science, JSS AHER. The theme of this year International Museum Day was, "Museums for Education and Research," underscores the pivotal role of cultural institutions in providing a holistic educational experience.

On 23/05/2024 at 11 am the Medical Physics Students, School of Life Science, JSS AHER visited the Anatomy Museum. The Post graduate students accompanied the students, and they explained all the museum specimens and the digitalization of the Museum was demonstrated to them. The specimens and digitalization were appreciated by the students. At 12 pm, Posters prepared by the I year MBBS Students were displayed in front of the Departmental Museum.

The entire class of 1st MBBS 2023-24 batch was divided into ten teams based on the roll numbers. The topics were carefully chosen based on the theme and to bring awareness about the importance of the Museum. The participants had to prepare the poster with only handwritten content and diagrams to enhance their creativity and skill. All the members of the team were encouraged to actively participate, to promote teamwork and collaborative learning. The students had prepared the posters before and it was displayed on the day of the competition in the Department.

Dr. K. T. Chandra Shekar, Assistant Professor, Department of Anatomy, Mysore Medical College and Research Institute Mysore and Dr. Rekha T.S., Associate Professor, Department of Pathology, JSS Medical College, Mysore were the judges for the competition. The feedback from the students were taken. The posters made by the students were well appreciated by the dignitaries and who also encouraged to conduct many more such activities. Dr.Shwetha K Assistant Professor of Anatomy coordinated the entire program.





GRID (Gastro-Intestinal Infection and Inflammation) Module – 26-05-2024



The need : Gastrointestinal disorders contribute to a major portion of morbidity and mortality in children. Hence, all Pediatricians and postgraduates should know in depth about this topic before treating children.

The programme:

The programme consisted of offline case-based discussion. The interactive sessions made the delegates clear their doubts regarding various gastrointestinal disorders.

The duration of the programme: 8 hrs

The participants: Practicing pediatrician, medical college faculty & postgraduates

The faculty:

Experts in the field of gastroenterology were invited to train the participants.

- Dr. Singaravelu – Vice President, South Zone, IAP, from Chennai.
- Dr. Venkata Chalapathi – EB Member, CIAP, from Bangalore
- Dr. Lavanya R P- Paediatric Gastroenterologist, from Bangalore
- Dr. Narayanappa D- Professor of Paediatrics, JSS MC, Mysuru
- Dr. Prashanth S N- Prof.& Head of Paediatrics, JSS MC, Mysuru

WORLD NO TOBACCO DAY – 31-05-2024

World No Tobacco Day was observed in collaboration with the Department of Psychiatry, JSS Hospital, on May 31, 2024, at 12 pm. The chief guest was Dr.C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru. Posters on the dangers of tobacco use were displayed at JSS Hospital to create awareness regarding the health hazards related to tobacco use.

Mrs. Purohit Saraswati, Assistant Professor and HOD of the Department of Mental Health Nursing, conveyed the significance of World No Tobacco Day to the public at JSS Hospital. Dr. Kishore M., Professor of Psychiatry at JSS Medical College and Hospital, Mysuru, delivered the keynote address on World No Tobacco Day. Dr. C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru, addressed the gathering regarding the importance of quitting tobacco and the associated health benefits. Prof. Aswathy Devi M.K., Principal of JSS College of Nursing, graced the program, as did Dr. Pradeep Kumar, Psychiatrist at JSS Hospital, Mysuru.

A role play was performed by II Semester BSc Nursing students under the guidance of Dr. Pradeep Kumar to create awareness regarding the effects of tobacco use among the public. Patients of JSS Hospital benefited from the program. Prizes for the winners of the poster-making competition were distributed during the event. The program concluded vote of thanks.





10th Mysore Orthopaedic Course – Post Graduate Teaching Programme

The 10th Mysore Orthopaedic Course 2024, hosted by the Department of Orthopaedics, JSSMC, JSSAHER on 1st & 2nd June 2024 at the esteemed JSS Hospital. We had a total of 60 participants and all were Post Graduates from our institute, Mysore Medical College, Chamaraj Nagar Institute of Medical Sciences, Adichunchangiri Institute of Medical Sciences.

Various expert faculty Dr.Singara Vadivel, HOD, Madras Medical College, Dr.Darshan Kumar V.Jain, Hand & Upper Limb Surgeon, Bengaluru. Dr.Mohan N.S., Spine Surgeon & HOD, Institute of Spine Surgery, Sanjay Gandhi Hospital, Bengaluru attended this programme to enrich our Post Graduate students with clinical methodology, Interpretation of tests and teaching a diagnosis for clinical case presentation.

Our own faculty Professor & HOD Dr.Siddalingamurthy, Professor & Unit Chief Dr.Purushotham Sastry, Professor & Unit Chief Dr.Vijay C., Asso. Professor & Unit Chief Dr.Sheshagiri V., Dr.Arunodhaya Siddartha S., Dr.Sujana Theja J.S., Dr.Adarsh T, Dr.Prakash M, Dr.Pramod B.M., Dr.Santhosh M.S., Dr.Madhukesh R., Dr.Shreyash M.J., Dr.Shashi Kumar M.S., Dr.Vijay Kumar S., attended and shared their knowledge, experience with the students.

CME on Challenges in Rheumatic Diseases – 02-06-2024

Department of Clinical Immunology and Rheumatology, JSS Medical College and Hospital in association with Indian Rheumatology Association, IRA-Karnataka Chapter, API Mysore and IMA East Branch, Mysuru jointly organized a State level CME on Challenges in Rheumatic diseases on June 2nd. The CME was accredited by Karnataka Medical Council with 2 credit hours.

Faculty from Bengaluru and Medical colleges from South Karnataka participated in the discussion on day-to-day rheumatological problems in the management of Arthritis, SLE and vasculitis and the challenges faced at the primary, secondary and tertiary care level. The usage and the complications associated with long term steroids in Rheumatological and non-rheumatological conditions were highlighted upon.

The program was inaugurated by Dr.Chandrashekara S-President Indian Rheumatology association, Dr.Vineeta Shobha- President Karnataka Rheumatology association, Dr.Manthappa, vice principal, JSSMC and IMA President, East Branch, Dr.Shivaprasad B N and Dr Subramanian R.

Around 150 delegates attended the CME. Postgraduates from various Medical Colleges of south Karnataka attended the CME. 10 postgraduates participated in PG case discussion. Dr.Nilanjana Dutta and Disha S, from JSSMC got first prize for best case presentation, Dr.Spoorthy Gowda got 3rd prize.

PG quiz was conducted for Medicine residents. BMCRI won first and second prize, HIMS Hasan won third prize.





Basic Course in Point of Care Ultrasound – 05-06-2024

The Department of Emergency Medicine in association with the Department of General Medicine, Respiratory Medicine, Critical Care Medicine and Geriatric Medicine conducted the first ever hands on workshop on Basic Course in Point of Care Ultrasound on 5th of June, 2024. This program was designed as a full day workshop for the faculty and post graduates of various clinical departments of JSS Medical College and Hospital.

About 40 delegates had registered to participate including Faculty and Residents from various departments. The day of the workshop started with an inaugural ceremony chaired by Dr.Basavana Gowdappa (Principal, JSS Medical College and Hospital). The principal and Dr.Brinda Basavaraju (Professor and HOD, Department of Emergency Medicine), Dr.Ravikumar Y.S (Professor and HOD, Department of General Medicine), Dr Jayaraj (Professor and HOD, Department of Respiratory Medicine), Dr.Shubash Chandra (Professor, Department of General Medicine) and Dr Akshay (HOD, Department of Critical Care Medicine), Dr.Madhu Srinivasarangan (Associate Professor, Department of Emergency Medicine and the course director) along with two of the delegates lit the symbolic lamp of knowledge.

Dr.Madhu Srinivasarangan took the first session of the day that included an introduction to the ultrasound machine - the physics and the controls, the basics of tissue differentiation under ultrasound and the language of reporting abnormalities in POC ultrasound.

The rest of the workshop was divided into 4 sessions, each of one and half hours involving a brief talk followed by hands-on learning at 4 different stations. In the first session Dr Nayan presented a talk on ultrasound of the Airway including neck vessels and assessment of the Breathing using ultrasound of the lung. Dr Arpitha led the second session with an introduction to POC ultrasound of the abdomen including the FAST exam, gall bladder, IVC and abdominal aorta. During the third session, Dr.Hareeth described the four views of the heart used for a Focused Cardiac Ultrasound. The last session focused on incorporating the POC ultrasound findings into diagnostic algorithms with particular stress on the RUSH protocol and the BLUE protocol which were illustrated by Dr Pooja and Dr Ruben. Here the 'approach to' a patient while incorporating such ultrasound skills as were learnt through the day into the assessment and management of patients in Shock/ Dyspnea was learnt using various interesting case scenarios.









Simulation based hands on workshop on "MEDICAL EMERGENCIES – TREAT WITH PRECISION"

The department of General Medicine, JSS Medical College & Hospital in association with JSS Skill & Simulation Centre, JSS AHER conducted one day "Simulation Based Hands – On Workshop" on Medical Emergencies on 8th June 2024 for medical Inters.

It was an unique and a value added programme. Nearly 20 medical interns participated from JSS Medical College and from other Medical Colleges. Simulation scenarios included Diabetic Ketoacidosis Acute Severe Asthma, Acute Coronary Syndrome, Organophosphorus compound poisoning and different types of shock. Students learnt to handle these medical emergencies and it instilled confidence in them to handle the cases independently.

Dr.Tandure Varsha, Dr.Nandini.K were the facilitators for simulation scenarios from medicine department. Dr.Archana.S was the facilitator from JSS skill and simulation centre. Students learnt to diagnose the condition, send appropriate investigations, calculate correct doses and administer them properly. They learnt to monitor the patients in different scenarios.





Presidential Action Plan 2024 VACCINOLOGY CME: Bridging Theory and Practice – 09-06-2024

Vaccinology plays an important role in pediatric practice and many queries arise regarding schedule and catch-up vaccination. Many aspects of vaccination like adverse events following vaccination like AEFI needs to be promptly reported. Vaccination is a special situations requires a higher vigilance.

The program consisted of offline case based discussion. The interactive session made the delegates clear their doubts regarding vaccinology, and many more practical problems that pediatricians face day-to-day were addressed. The duration of the program was 8 hours. Practicing pediatricians, medical college faculty, post-graduates were the participants

Experts in the field of vaccinology were invited to train the participants. Following is the list of faculties who were involved in this value-added programme.

Dr SG Kasi, Chief Scientific Convenor, Pediatrician

Dr Narayanappa D, Professor, Department of Pediatrics, JSS Hospital

Dr Prashanth SN, HOD and Professor, Department of Pediatrics, JSS Hospital

Dr Sumitha Nayak, National Scientific Advisor, Pediatrician

Dr Priya Shivalli, CIAP EB Member, Consultant Neonatologist





Psycho-oncology - Interdisciplinary Learning and Patient Care Programme

Dept of Clinical Psychology in collaboration with Dept of Medical and Surgical Oncology, JSSMC & H, had organized a programme on “Psycho-oncology - Interdisciplinary Learning and Patient Care Programme” in observance of National Cancer Family awareness week.. Caregivers of the cancer patients were involved in an FGD and all of them expressed a greater sense of hope and support in dealing with the illness by end of the session.





Menstruation and Menstrual Hygiene – 19-06-2024

JSS College of Nursing in association with JSS Urban Health Centre, Department of Community Medicine, JSS Medical College, Mysuru had organised an awareness programme on” Menstruation and Menstrual Hygiene” For girls of Government High School, Bamboo Bazaar on 19-6-2024. Dr H.V. RAMA, Lady Medical Officer, JSS UHC who was the chief guest, spoke about the importance of Menstrual Hygiene.

Earlier students of JSS College of Nursing, gave awareness about Menstruation, various types of pads available, including Menstrual cup and Menstrual Hygiene.

Smt. Pushpavathi, Government High School, Headmistress, Smt. Elizabeth and Smt Sandhyarani, Faculties of JSS College of Nursing, 52 High School girls, 45 students of JSS College of Nursing, and staffs of JSS UHC attended the programme.





Cadaver as Our First Teacher - 20-06-2024

The MBBS curriculum begins with the study of Anatomy, highlighted by the first module, “Cadaver as Our First Teacher,” which underscores the humanistic and ethical values of cadaveric dissection. These values are intended to guide MBBS students throughout their future medical practice. To officially conclude the first MBBS anatomy curriculum, which commenced with the cadaveric oath, the Department of Anatomy had organized a closing ceremony for the 2023-24 batch.

The ceremony featured Dr. Praveen Kulkarni, Vice Principal (Para Clinical), and Sri Satish Chandra, Administrative Officer, as the distinguished guests. Dr. Vidya CS, Professor and Head of Anatomy, welcomed the dignitaries, faculty, and students. Dr. Pushpalatha K, Professor of Anatomy, highlighted the importance of the cadaveric oath and its lifelong significance in the medical profession.

Students Ms. Kushanvitha and Mr. Vikram expressed their appreciation for the anatomy faculty’s teaching efforts and innovative academic activities. Dr. Praveen Kulkarni advised the students on the importance of AETCOM modules and lifelong learning, while Sri Satish Chandra emphasized the value of practical learning and wished the students success. Dr.Vidya CS appreciated the efforts of students for drafting the research

report and wished them best wishes for the future. Dr. Pushpa NB, Associate Professor of Anatomy, delivered the vote of thanks. The program was compered by postgraduate students Dr. Bhavadharini and Dr. Ipshitha. To mark the event, students received a pen and a good luck note. The ceremony concluded with students providing written feedback.




SYMPOSIUM CUM WORKSHOP EVENT – 22-06-2024

With the blessings of His Holiness, the Special Interest Group (SIG) on AMR and the Department of Microbiology organized a symposium cum workshop on June 22nd, 2024, titled "AMR in One Health: Collaborative Strategies from Veterinary and Clinical Experts." The chief speaker for the session was Dr.Shivasharanappa N, Ph.D., Fulbright Scholar (USA), and Senior Scientist at ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bangalore.

The first SIG-AMR event was inaugurated by Dr.Shivasharanappa N, along with Dr.H.Basavana Gowdappa, Principal of JSS Medical College; Dr.Madhu C.P., Medical Superintendent of JSS Hospital; Dr. Prashanth Vishwanath, Dean (Research) of JSS AHER; and Dr.Tejashree A, Professor and Head of the Department of Microbiology. The sessions were attended by SIG members, faculty from various departments, and students. Dr. Tejashree A presented the introductory note for the session, followed by an interactive session on "AMR Dynamics in Veterinary Medicine: Current Challenges and Future Directions" by the chief speaker, Dr. Shivasharanappa N. He also highlighted areas for future collaborations. Following this, Dr. Deepashree R presented the JSS-Antibiogram report, which highlighted the current burden of AMR in JSS Hospital. In the final sessions, Dr. Raghavendra Rao and Dr Shilpa Avarebeel presented on "Changing Trends of AMR – Lab Physician Perspective" and "Clinician Perspective," respectively.

The entire team also discussed future directions and opportunities in One Health. The sessions concluded with a visit to the Microbiology laboratory and, finally, a working lunch.




GUEST LECTURES

Guest lecture by Dr. Sachin Jadhav Hematologist, on leukemia in current diagnosis, earliest written record of human cancer in the pathology department at seminar hall. 30 delegates attended this event.




"Patenting Medical Inventions: Protection of Intellectual Property Rights in Biotechnology Research and Innovation – 24.07.2023

Distinguished Guests: Different experts served as the resource individuals for the lecture:

1. Dr.Parigi Ramesh Kumar, Senior Principal Scientist, Technology transfer and business development co-ordinator (ISTU), CSIR-CFTRI.
2. Ms.Neha Srivastav, Patent Attorney, Remfry and Sagar, Bengaluru.
3. Dr.B Kumar, Senior Technical Officer, CSIR-CFTRI.



Participants: The participants of the lecture included faculties, Ph.D. Scholars, and PG Scholars of various constituent institutions of JSS AHER.

The School of Public Health, and Institution Innovation Council, JSS Academy of Higher Education and Research, Mysuru, in association with the CSIR-Central Food Technological Research Institute, Mysuru, organized a lecture on "Patenting Medical Inventions: Protection of IP rights in Biotechnology Research and Innovation" on the occasion of our nation celebrating Azadi ka Amrit Mahotsav marking 75 years of Independence. The lecture was centered on Intellectual Property Rights (IPR) in par with ATMANIRBHARTA's main goals.

The session aimed to enlighten the participants on the importance and benefits of IPR in the field of higher education. It was conducted at Gallery 6, of JSS Medical College at 11:30 am and concluded at 1:30 pm. The first session was headed by Dr. Parigi Ramesh Kumar provided the audience with an insightful overview of the genesis of the IPR awareness program. The audience was then treated to a series of success stories from the Central Food Technological Research Institute (CFTRI), showcasing how their patented technologies and innovations significantly impacted society.

This was followed by the lecture by our esteemed chief guest Ms. Neha Srivastav, who is a patent attorney at Remfry and Sagar, Bengaluru who spoke about the different aspects of IPR such as patenting procedures, case scenarios, and legal aspects. The lecture emphasized the importance of understanding the patenting process, maintaining confidentiality, and the benefits of early filing for protection. Following the lecture, an interactive question-and-answer discussion commenced, providing a platform for the attendees to engage with Ms. Srivastav directly.





Thermofischer Nano drop demonstration at CEMR Laboratory, Department of Biochemistry, JSS Medical college on 28.07.2023.

Special Interest group in cancer biology and cancer stem cells (SIG-CBCSC), JSS Medical college, JSS Academy of Higher education and Research had arranged a Demonstration of Thermofischer Nano drop at CEMR Laboratory, Department of Biochemistry, JSS Medical college, JSSAHER on 28th July 2023. Application Specialist from Thermo Scientific gave a detailed explanation about the instruments and also showcased the new features of the instrument. Research scholars of CEMR actively participated in the demo and quantified

DNA, RNA and Protein samples. Department of Biochemistry, CEMR Laboratory and SIG-CBCSC team wholehearted thank the personnel's from Thermo Fischer for spending their time in showcasing the newest technology. 20 delegates attended this event.




Lung Ultrasound in Neonates-1, Neonatology Update 2023 by Dr. Suhaim Afsar on 04.08.2023

Interactive Session was organized on Lung Ultrasound in Neonates-1, Neonatology Update 2023 by Dr. Suhaim Afsar, Consultant Neonatologist, Motherhood Hospital, Mysuru on 4th Aug.2023. 30 delegates attended this event.




Recent Advances in Lipid Management – 07.08.2023



Department of General Medicine had conducted **GUEST LECTURE** on **"RECENT ADVANCES IN LIPID MANAGEMENT"** by **Dr. Prashanth Patil**, Consultant in Metabolic Medicine, University Hospitals of Leicester, UK, a programme to orient the Junior doctors on 07.08.2023 at Medicine Seminar Hall, JSS Hospital. More than 100 postgraduate students and staff participated in the programme.

"Osteoporosis Management" by Dr.Veena Patel on 11.08.2023

Guest lecture was organized in the dept. of orthopaedics on the topic "Osteoporosis Management" by Dr.Veena Patel, FRCP Rheumatology and FHEA on 11th Aug.2023. 25 delegates attended this event.




The Only Reliable Sample -To- Answer Solution For Single Cell High Dimensional Immuno Profiling - CyTOF Single Tube Cytometry by Dr. Manimaran Paramasivam Applivation Specialist, Spinco Biotech on 21.08.2023

Mass cytometry, powered by CyTOF technology, is the world's most advanced cytometric platform. It has opened new doors to discovery and clinical research by empowering investigators to interrogate more than 50 markers simultaneously on millions of individual cells. Join the hundreds who have reimagined cytometry with CyTOF to unveil new cell types, functions and biomarkers in immunology, cancer, infectious disease and more. Flow cytometry generates an unrivaled, high-parameter snapshot of phenotype and function for every cell. This ability has advanced our understanding of disease and therapeutic benefit with novel insights into the function of checkpoint inhibitors, the impact of drugs on signaling pathways, tumor microenvironment biology in response to immunotherapy and the efficacy of vaccine candidates, to name only a few. The proven reproducibility of flow cytometry, run-to-run and site-to-site, combined with the robust nature of its metal-tagged antibodies and unique barcoding technology has led to its adoption in scores of clinical and translational research studies as well as by multiple research consortia. Now, the technology has advanced even further with automated sample acquisition and internal systems monitoring that enable hands-free, flexible operation. 25 delegates attended this event.

Your Guide To Single-Cell Spatial Genomics-Explore New Dimensions With MERSCOPE by Dr Divyank Mahajan, Application Specialist, Spincotech – 21.08.2023



Huse of multiomic methods and analysis – true understanding of biology i.e. how cells and tissue function in situ in their native environment also requires information on the spatial context in association with transcriptomic data. The MERFISH technology by Vizgen provides researchers with unprecedented sensitivity and resolution to spatially profile transcriptomes in tissues up to the scale of subcellularlevels. With the single-cell genomics era, researchers are now able to map the distribution of gene expression throughout entire tissues thanks to the rapidly emerging area of spatial transcriptomics (ST). This information can be used tounderstand the spatial organization of cells and tissues, and how this organization is disrupted in disease. The information is also crucial to follow and understand how biological organisms develop or respond to various stimuli in a precisely coordinated manner. MERFISH, also known as multiplexed error-robust fluorescence in situ hybridization, is one of the most exciting ST technologies. To simultaneously, quantify and locate expressions of hundreds to thousands of genes in individual cells, MERFISH employs a barcoded probe design. This enables highly accurate and high-throughput spatial transcriptomics. The MERSCOPE platform from Vizgen is a complete end-to-end solution for spatial transcriptomics research. MERSCOPE includes the MERFISH instrument, reagents, and software, all of which are designed to make ST easy and accessible to researchers. MERSCOPE has been used to study a wide range of tissues and diseases, including cancer, neurodegeneration, and immunology. Overall, MERFISH technology has a high throughput, is reliable, accurate, and simple to use. MERFISH is making spatial transcriptomics more accessible to researchers, and it is helping to accelerate our understanding of the spatial organization of cells and tissues in health and diseases. 20 delegates attended this event.

Biocompatible certain Rare Earth Ions incorporated Quantum Dots / Nanophosphors for Forensic Latent Finger Print, Optical Thermometry, BioFluorescence and Anticancer Applications - Dr. Koramala Naveen Kumar, International Research Professor, School of Mechanical Engineering, Yeungnam University, Gyeongsan, Gyeongbuk, Republic of Kore on 23.08.2023.



Non-cytotoxic upconversion nanocrystals are preferred candidates because they offer exceptional advantages for numerous applications, ranging from optical thermometry to bioimaging/ biomedical applications. In this report, we demonstrate the luminescence characteristics and practical utility of a multifunctional upconversion nanophosphor based on RE: Lanthanum Tungstate Nanophosphors and RE: Quantum Dots. Strong Down & upconversion emissions were recorded for these materials under the excitation UV and NIR excitations. We further enhanced the Down & upconversion emission considerably by co-doping with suitable rare earth sensitizers to enhance the energy migration from sensitizer to activator ions. The exceptional improvement in Down & upconversion red, orange, green and near-infrared emission was achieved by Yb^{3+} ion co-doping strategy. Further, emission intensities could also be reduced after optimized concentration of sensitizer due to concentration quenching effect. Photometric parameters were evaluated with and without co-doped ions, which exhibited high color purity of 95.6%, to elucidate their energy transfer mechanism. In addition, temperature-dependent upconversion emission trends were evaluated by analyzing the fluorescence intensity ratio, exhibited higher temperature sensitivity than that previously reported. This suggests the applicability of our proposed nanophosphors to optical thermometry. As for bioimaging applications, the non-cytotoxicity of the optimized nanophosphor was confirmed based on distinct fluorescence images of a normal fibroblast cell line (L929). Furthermore, we demonstrated the strong cytotoxicity of nanophosphors against human colon cancer (HCT-116) cells. Based on the results, non-cytotoxic Dual Rare Earth ions doped nanophosphors and quantum dot materials are expected to be exceptional candidates, owing to their extensive suitability to the fields of latent finger print applications, upconversion lasers, optical thermometry, biomedical and anticancer applications. The results indicate the potential of down conversion and upconversion materials in the effective execution of multiple strategic applications. 23 delegates attended this event.

“Safer airways in neonates” by Dr. Narasimha Rao on 01.09.2023

Guest lecture was organized on the topic “Safer airways in neonates” by Dr. Narasimha Rao, MRCPCH, M.Sc (Liverpool), CCT, Consultant neonatologist, England Lead for Resuscitation, Respiratory Medicine Guidelines & Simulation, Training program Director, Health Education England on 1st Sept.2023. 30 delegates attended this program.





“Relevance of Anatomy in Clinical and Surgical Sciences by Dr. Ashwini C Appaji, Department of Anatomy on 18.09.2023



The Department of Anatomy organized a guest lecture, titled “**Relevance of Anatomy in Clinical and Surgical Sciences**,” on 18/09/2023 on the occasion of world anatomy day. The esteemed speaker for the event was **Dr. Ashwini C Appaji** who is renowned for her expertise in the field of anatomy. The lecture started with brief talk on the significance of celebration of world Anatomy Day by Dr. Vidya CS, Professor and head, Department of anatomy. Dr.Vinutha SP, Assistant professor, introduced the guest speaker by highlighting her extensive background and expertise in the field of anatomy. Dr. Ashwini C Appaji delivered a comprehensive presentation on the relevance of anatomy in clinical and surgical sciences. She emphasized that anatomy serves as the fundamental building block of medical knowledge and explained how a deep understanding of anatomy is crucial for making accurate diagnoses and performing safe and effective surgeries. The lecture included numerous real-life examples, case studies, and medical images to illustrate how anatomy is applied in clinical settings. Dr. Praveen Kulkarni, Vice Principal (para clinical), spoke about the importance and the significance of anatomy in academic and professional careers. As a token of gratitude, the appreciation certificate was handed over to resource person by Dr. Praveen Kulkarni, Dr.Vidya CS, Dr. Pushpalatha K and Dr.Najma Mobin. The program was coordinated by Dr Poonam DN. 250 delegates attended this event.

Tuberculosis by Dr.Rajendra Prasad on 09.10.2023 to 11.10.2023.



Dr.Rajendra Prasad, Emeritus Professor, National Academy of Medical Sciences, India, Director Medical Education & Professor, Pulmonary Medicine, Lucknow Medical College & Hospital, Lucknow addressed students and faculty of JSS Medical College on tuberculosis on 09.10.2023 to 11.10.2023. 100 delegates attended this program.

“ Orthopedics related interventional chronic pain management by Dr.Vittal R.Nagar on 12.10.2023

Guest lecture was organized on the topic “Orthopaedics related interventional chronic Pain Management” by Dr.Vittal R.Nagar, Pain Management & Rehabilitation Specialist., St.Croix Regional Medical Center / Kinisi Institute, alumni of JSS Medical College on 12th Oct.2023. 35 delegates attended this event.





“How I Manage Thalassemia” by Dr.Anand Kumar K on 13.10.2023

Guest lecture was organized on the topic “How I manage Thalassemia” by Dr. Anand Kumar K, Consultant in Haematology, Bone Marrow Transplant & Paediatric Oncology, SPARSH Hospital, Bangalore on 13th Oct.2023. 40 delegates including postgraduate attended this guest lecture.





“Role of POCUS in peri arrest scenario” by Dr Sudarshan Shetty on 31.10.2023

The Department of Anaesthesiology, JSS Medical College Mysuru had organised a guest lecture on 31/10/2023 at the department seminar hall. Dr Sudarshan Setty, Associate Professor Department of Anaesthesiology, University of Minnesota, USA delivered a lecture on ‘ Role of POCUS in peri arrest scenario ‘. It was a very informative and interactive session which created a lot of interest amongst the faculty and Post graduate students. The lecture highlighted the advancements made in the field of resuscitation and the role of ultrasound in improving patient outcome. The guest lecture was coordinated by Dr Anup N R.





“Overview of RNA-sequencing analysis” by Dr C Vishwanathan, Department of Biochemistry on 22.11.2023



The Department of Medical Genetics, JSS Medical College and Hospital, JSS Academy of Higher Education & Research, Mysuru organized a guest lecture entitled “**Overview of RNA-sequencing analysis”** on Tuesday, 22nd November, 2023. It was delivered by Dr. C. Viswanathan, Senior Scientific Officer at Mediomix Diagnosis and Bioresearch Pvt. Ltd., Bengaluru, Karnataka. He was also accompanying Ms. Prachi, Field Application Scientist, Mediomix Diagnosis and Bioresearch Pvt. Ltd.

In his guest lecture, Dr. Viswanathan provided an overview on RNA sequencing technology, available platforms and the basic steps for RNA-sequencing data analysis. He also spoke about the application of this technology in understanding the underpinning mechanistic biology of diseases like cancer, infections

and many others. His talk concluded with an interactive Q&A session. Ms. Prachi then discussed with the students about internship opportunities at Mediomic Diagnosis and Bioresearch Pvt. Ltd., and potential career opportunities in the Transcriptomics field.
The talk was attended by the students, scholars and faculty members of the department who highly appreciated the informative lectures by the guests.

Artificial Intelligence Applications in Pharmacology practice.
By Dr Balu PS, Director- Center of Digital Health, AI, Research &Training
Basveshwara Medical College & Hospital, Chitradurga on 23-11-2023



A guest lecture was held at Department of Pharmacology, JSS Medical College, Mysore on 23-11-2023 from 12.00 PM to 01.00 PM by Dr. Dr Balu PS, on topic:-Artificial Intelligence Applications in Pharmacology practice.
Dr Kalabharthi H.L, Professor of Department of Pharmacology, JSS Medical College, Mysore has introduced the speaker to the attendees and the lecture was attended by all the faculties and post-graduates of Pharmacology department.
Dr Balu started the lecture with introduction of Generative AI and provided valuable Insights into the revolutionary impact of AI on drug discovery, personalised medicines, and overall advancements in pharmaceutical research.
Dr Balu highlighted how artificial intelligence has transformed the drug discovery process. AI algorithms can analyse various datasets, identify potential drug candidates and predict their efficacy with extraordinary accuracy. This will significantly reduce time and resources required for drug development.
Dr Balu mentioned about the concept of personalised medicine, where AI plays an Important role in shaping treatment plans based on patient data. By analysing genetic information, patient history, AI algorithms can optimise drug selection and dosage leading to more effective personalised healthcare. Dr Balu showed us the innovations and devices of their team which were innovated and developed with the aid of artificial intelligence. Dr Balu also emphasised on the significance of AI predicting potential side effects and ensuring drug safety. Dr. Satish A.M, HOD and Professor of Department of Pharmacology, thanked Dr. Balu for delivering the guest lecture. 26 delegates attended this event.

Slide Seminar by Dr. Chethan Manohar, former HOD of Pathology, Former Laboratory Director, Hematopathologist, KMC, Manipal on 22, 26, Aug., 23 Sept., 28th Oct., 25th Nov.2023



Dr. Chethan Manohar, former HOD of Pathology, Former Laboratory Director, and a passionate Hematopathologist, KMC Manipal, conducted slide seminars in Hematology. The sessions included interactive discussions about selected, completely worked up cases of bone marrow aspiration and biopsy. Basic approach to cases with cytopenias, approach to interpretation of Bone marrow aspiration and biopsy to reach the diagnosis, interpretations of flow cytometry report of leukemia cases were the main highlight of the sessions. Live discussions of peripheral smears, bone marrow aspiration and bone marrow biopsy slides were made through decahead microscope and wide screen projector. 30 delegates attended this event in all sessions.

Enriching journey in Public Health by Dr. Ilham Zaidi on 23.11.2023

The School of Public Health organized a compelling guest lecture on November 23, 2023, at 12 pm in the MPH lecture hall at JSS Medical College, JSS AHER, for first-semester students. The esteemed resource person, Dr.ILHAM ZAIDI, was invited to share his enriching journey in Public Health and discuss his involvement in various impactful projects.



Dr. Ilham delivered into Neglected Tropical Diseases, those carried by mosquitoes, discussing the mosquito lifecycle in diseases like lymphatic filariasis, elephantiasis, and smallpox. He distinguished between the elimination and eradication of these diseases, while also inspiring us with profound insights into public health.

Comparing his profession to friends in IT, who earn lucrative salaries, he highlighted the satisfaction of being a public health professional over monetary gains. He emphasized that this path isn't a one-day endeavor but rather a journey spanning years and decades, built on struggle and hard work. Dr. Ilham Zaidi stands as a beacon, contributing to numerous communities leading fulfilling lives, showcasing the difference between ordinary health professions and the impactful role of public health.

Inotropes in the newborn by Dr.Satyan Lakshminrusimha on 04.01.2024



Guest lecture was arranged by an international speaker Dr.Satyan Lakshminrusimha, UC Davis University, California, regarding Inotropes in the newborn. Many practical aspects and problems that are encountered by paediatricians and neonatologists on day to day basis were addressed. The basic concepts behind usage of Inotropes in newborns were explained. Many doubts and clarifications have been cleared during the session. It was an academic feast with lot of learning material in the form of beautiful audiovisual aids.

How to choose Thesis topic by Dr.Srinivasa Murthy, Professor of Paediatrics, JSSMC (Basic medical statistics and research methodology for postgraduatess

The interactive session consisted of presentation on identifying the "research question, generation of hypothesis and research methodology" Different types of studies that can be conducted in the medical field with emphasis on diagnostic tests relevant to laboratory sciences were discussed. Students and staff of pathology interacted and discussed a few ongoing and proposed topics in pathology with respect to study design and appropriate outcome that has to be reported. Components and the art of synopsis writing was discussed.

SIG-CBCSC organized Talk Delivered by Dr. Deepa R Bandi on 08.01.2024

Special Interest group on cancer biology and cancer stem cells had organized a talk on 8th January 2024 by Dr. B. Deepa Reddy Group Leader (Principal Scientist) at Regulatory Bioanalysis Laboratory of UCB Biopharma, Belgium. Deepa has doctoral degree from Sri Padmavati Mahila Visvavidyalaym (SPMVV) in the field of Oncology and Applied Microbiology. She delivered a talk on pharmaceutical industries- opportunities and challenges. The talk was attended by Dr.M.V.S.S.T SubbaRao-Professor of Dept. of Biochemistry and leader SIG-CBCSC JSS Medical College, Dr. Asha Srinivasan-Professor, dept, of Nanotechnology and Dr.Jamunabhai, Assistant Professor Dept. of Microbiology School of Life sciences, JSS AHER and 32 students including Research scholars of CEMR laboratory, School of life sciences, master students of biochemistry.

The session was informative and the participants gained insights into the world of industry where they can gain various skills, work with world class facilities with several added benefits. The session was very informative and helped the students to decide their future path. The Team SIG-CBCSC whole heartedly thank Dr. Deepa for accepting our invitation and delivering the lecture.

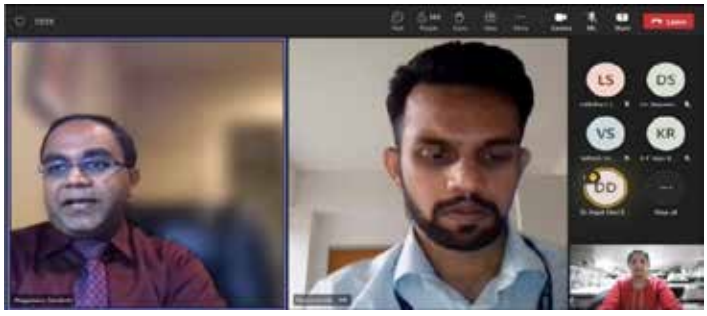



E-Learning module on tobacco counselling by Dr. Chandrashekar B R on 22.01.2024

E-Learning Module on Tobacco Counselling! This interactive and comprehensive online program has been designed to equip healthcare professionals with the knowledge and skills necessary to provide effective tobacco counselling to their patients. Dr.Chandrashekar B R, MDS, PhD, FAIMER 2017 Fellow. Associate Dean (Academics), Professor, Department of Public Health Dentistry, JSS Dental College and Hospital, JSS Academy of Higher Education and Research, Mysuru enumerated the reasons for tobacco initiation and dependence, Factors related abuse liability and tobacco industry tactics to promote abuse liability of product and how to Motivating young children's not to experiment the tobacco.




Urea Cycle Disorders – Overview and recent advancements in Treatment Modalities and Therapeutic Innovations – 30-01-2024



Department of Medical Genetics, JSS Medical College, Mysore conducted an online guest lecture on 30-01-2024 on the topic of Urea cycle disorders- Treatment and Therapeutic modalities. The resource personnel for this lecture was our alumni of MBBS 1999 Batch, Dr. Sandesh C.S. Nagamani, Professor, Department of Human and Molecular Genetics, Baylor College of Medicine. Texas, USA. We got connected to him through an interaction at American Society of Human Genetics conference (2023) with Dr. Prince Jacob (Assistant Professor,

Department of Medical Genetics). Prof. Nagamani humbly accepted our request for the lecture and delivered the talk to 140 participants which included faculties and students of Department of Medical Genetics and Biochemistry. He answered the queries of participants after the talk as well. We look forward to successful consecutive engagements and collaboration with his team of Baylor college of Medicine in the future.

Interaction about the Biorepository on 30.01.2024

In the event of upcoming biorepository at Department of Pathology, JSS Hospital, there was an interaction on 30th January 2024 at Lecture Hall 1, JSS Hospital. It was attended by all the teaching staff, postgraduates of the Department of Pathology, Dr Akila Prashant, HOD of Biochemistry, Dr. Preethi, CEMR laboratory and Mr. Bennur, Chief Engineer, JSSH.

Dr.Subbarao, Professor of Cellular and Molecular Biology, CEMR Laboratory, Department of Biochemistry, JSS Medical College, Mysuru walked through the events from the inception of biorepository in 2019 to the progress till date. He apprised about location identified to set up a biorepository (Dept of Pathology in JSS Hospital), procurement of equipments, sanction of funds approved by JSSAHER to purchase the equipments, as a part of the Grand Challenge project, to facilitate the storage of sample/tissue. He also briefed about the civil work assigned to Airtech company under the supervision of Engineering department, JSS hospital, the nature of work, plans for generation of funds, about the requirement of manpower, standard operating procedures, and integrated system.

Dr.Rekha T.S., Associate Professor, Department of Pathology, JSS Medical College, Mysuru, shared her experience of visiting Biorepository, ACTREC, Mumbai. She highlighted the nature of work there including the collection of samples, manpower, logistics and the teamwork required (comprising of surgeon, physician, pathologist, nursing staff and biorepository staff).





"Breaking Barriers: A Woman's Public Health Journey in Hard-to-Reach Areas" by an Alumni Dr. Rufia Shaistha Khanum on 06.02.2024



The School of Public Health, JSS MC, JSS AHER conducted an enlightening online alumni talk on 6th February 2024, featuring Dr. Rufia Shaista Khanum, a distinguished alumnus from the 2019-21 batch. Dr.Khanum, who currently holds the position of State Public Health Coordinator-Surveillance at PATH in Madhya Pradesh, shared her invaluable experiences and insights with 30 participants.

The session was initiated by Dr.Anil S Bilimale (Chief MPH Coordinator), who briefed everyone about the purpose of the talk and the opportunities that lay ahead. Following this, Dr. Sreena T V (Assistant professor, School of Public Health) introduced Dr.Rufia Shaista Khanum to the participants. The session shed light on Dr. Khanum's challenging journey as a Rapid

Response Team (RRT) consultant with the World Health Organization (WHO), particularly in the hard-to-reach areas of Nagaland and West Bengal. The primary aim of the session was to provide insights into Dr. Khanum's journey as an RRT consultant, the challenges she faced, and her experiences of working in hard-to-reach areas. Dr. Khanum provided valuable insights into the pros and cons of working in RRT jobs, which demand high motivation and skill. She encouraged students to take chances, apply themselves, and remain resilient in the face of challenges. Her transparent discussion of the roles and responsibilities of a public health professional inspired many students and provided clarity on career paths in the field. Dr. Khanum shared further insights into her experiences after WHO and the struggles of transitioning to new positions. She underscored the importance of goal-setting, planning, and maintaining focus on career objectives.

Unlocking the epigentic symphony: Histone acetylations impact on neurobehaviour in neurodegenerative disorder by Dr. Basavaraj Balapal on 22.02.2024

Guest lecture was delivered by Dr.Basavaraj Balapal, Associate Professor, Department of Psychiatry, NYU Medical Centre, USA, Faculty at Colombia University Medical Centre, NY, & Scientist, Nathan Kline Institute for Psychiatric Research, Orangeburg, NY, USA., on "Unlocking the epigentic symphony: Histone acetylations impact on neurobehaviour in neurodegenerative disorder". The special talk organised by Academic Society, JSSMC, in association with division of Biochemistry, School of Life Science, JSSAHER. Dept. of Psychiatry along with the Guests 22-02-2024.





Dual Energy X-ray Absorption (DEXA) & Fracture Liaisom Services for Fracture Prevention by Dr.Lakshmi Nagendra 23.02.2024



Dr.Lakshmi Nagendra, Endocrinologist, Associate Professor of Endocrinology delivered guest lecture on Dual Energy X-ray Absorption (DEXA) & Fracture Liaisom Services for Fracture Prevention.

A) Osteoporosis is an important Public Health problem which has significant Mobility, Mortality costs associated with its complications.

B) Today BMD measurements are done with the help of DEXA and have an important role in evaluation of patients at risk of Osteoporosis and in appropriate use of antifracture treatment.

C) The preferred method to use central DEXA and have the following advantages and roles.

1. Diagnosis of Osteoporosis
2. Assessment of Patients risk of Fracture

3. Monitoring response to treatment
4. Consensus BMD results can be interpreted in using WHO T-scores
5. Basis of new WHO algorithm for predicting fracture risk
6. Has good precision and acceptable accuracy
7. It's a short scan with low radiation dose
8. Availability of reliable reference

45 delegates attended this event.



Six Sigma in healthcare: Improving quality and efficiency by Mr. Prabhakar Ashwin, Vice President KADAK on 27.02.2024

Mr.Prabhakar Ashwin, Vice President KADAK, delivered a special talk on "Six Sigma in healthcare: Improving quality and efficiency". The special talk was organized by Academic Society, JSSMC, in association with Department of Biochemistry, JSSMC, JSSAHER. We also thank chairpersons Dr. Akila Prashant, Professor& Head, Dept of Biochemistry, JSSMC and Dr. Tejashree A, Professor & Head, Dept of Microbiology, JSSMC, JSSAHER.

Between remembering and forgetting: contextualizing mild cognitive impairment as the gentle nudge towards cognitive care & longevity by Dr. Javad Anjum on 07.03.2024



School of Public Health, JSS Medical College organized an invited session on "Between Remembering and Forgetting: Contextualizing Mild Cognitive Impairment (MCI) as the Gentle Nudge towards Cognitive Care & Longevity" by Dr Javad Anjum, MBBS, MEd, PhD, Assistant Professor, Department of Communication Sciences and Special Education, University of Georgia, USA.

The session was presided over by Dr M Kishor, Professor and Head, Department of Psychiatry, JSS Hospital and Dr Narasimhan S V, Associate Professor and Head, Department of Speech Language Pathology, JSS Institute of Speech and Hearing, Mysuru as the chairpersons. Around 80 participants including students, scholars and faculty members from JSS Medical College and Hospital attended the talk.



The session was moderated by two eminent chairpersons, Dr M Kishor, Professor and Head, Department of Psychiatry, JSS Hospital and Dr.Narasimhan S V, Associate Professor and Head, Department of Speech Language Pathology, JSS Institute of Speech and Hearing, Mysuru. Their expertise enriched the discussion, facilitating an interdisciplinary dialogue among participants.

The session aimed to shed light on the multifaceted aspects

of Mild Cognitive Impairment (MCI) and its implications for cognitive care and longevity. Dr. Javad Anjum, an esteemed academic from the University of Georgia, USA, delivered a comprehensive presentation, providing attendees with a deeper understanding of MCI and its significance in public health discourse.





Interactive session between IAS officer K Chadramouli with the School of Public Health, Community medicine and Nutrition Department, JSS AHER – 13-03-2024



The School of Public Health, organized an interactive session on the past, present and future of Health care and its progress and developments in the recent years. It was organized in collaboration with Department of Community Medicine and Nutrition where various PhD scholars, graduates and professors who actively participated in discussions and interactions with the Guest of Honor, Shree K Chandramouli.

The session aimed to enlighten the participants on the importance and benefits of the Public Health field and Nutrition in the current scenario. It was conducted at the School of Public Health Auditorium at the JSS AHER building, MG road.

The Chief Guest, IAS Officer Shree. K Chandramouli spoke about various topics under healthcare, its management, resources needed, anticipating healthcare problems and creating solutions for the same. He addressed many questions and doubts regarding the working and collaboration of healthcare professionals in various sectors. Aspects related to policy making and how they influence major decisions were also discussed.

The participants of the lecture included faculties, PhD Scholars, and PG students from School of Public Health, Department of Nutrition of Dietetics and MD Community Medicine PGs from JSS Medical College.

Primer on Diabetes by Dr M A Shekar on 22-03-2024



A Primer on Diabetes was organized from Department of Medicine on 22.03.2024 at SRCA Auditorium 3rd Floor, JSS Hospital, M.G.Road, Mysuru.

Dr.M.A.Shekar, former Professor of Endocrinology, MMC & RI and Vice Chancellor, Adichunchanagiri University, Adjunct Faculty, JSS AHER was requested to conduct this programme.

The Primer was a full day programme dealing with various aspects of Diabetes including historical aspects, Diagnosis, classifications, Clinical features, complications and management, and was discussed in detail.

Postgraduates from department of Medicine, Geriatrics, Emergency Medicine, Paediatrics, OBG and few interns attended the programme. Staff from department of Medicine also participated in the programme. Participation certificates were issued to all participants. More than 200 students attended and were benefitted by the programme.

Preclinical cancer models: Efficient tools to elucidate drug resistance and metastasis mechanisms, enabling bench-to-bedside translation on 26.03.2024



Department of Medical Genetics, JSS Medical College, Mysore & SIG – Human Genomics & Rare Disorders conducted an online guest lecture on 26th March, 2024 on the topic of Preclinical cancer models: Efficient tools to elucidate drug resistance and metastasis mechanisms, enabling bench-to-bedside translation. The resource person for this lecture was Dr. Suvilesh Kanve Nagaraj, Research Scientist, Department of Surgery, Ellis Fischel Cancer Center, Roy Blunt Nextgen Precision Health Building, University of Missouri-Columbia. We got connected to him through Dr. Vinay Kumar MB, Assistant Professor, Department of Medical Genetics & Dr. Prasanna Kumar, Associate Professor, Department of Biochemistry. Dr. Suvilesh humbly accepted our request for the guest lecture and delivered the talk to our faculty and students of the Department of Medical Genetics and Biochemistry. He answered the queries of participants after the talk as well. Dr. Akila Prashant, Professor & Head, Department of Biochemistry and Convenor, Department of Medical Genetics department extended her warm regards. We look forward to more such fruitful interactions to enhance our knowledge and build collaborations.

Antimicrobial Resistance by Mr. Akshay Gali on 28.03.2024



A guest lecture on the topic antibacterial agents, classification, adverse effects and usage in ENT and Antimicrobial resistance was conducted on 28.03.2024 at ENT Seminar Hall JSS Hospital.

Mr. Akshay Gali, Regional Medical Advisor, Abott Health Care Pvt. Ltd conducted the session highlighting the various antimicrobial agents that are commonly used in ENT.

38 delegates attended the session, who at the end of the session were enlightened about the widespread use of antibiotics and subsequent emergence of antibiotic resistance. The session concluded with the delegate's interactions and a take home message to prevent antibiotic resistance.

Genesys Pixelator by Dr Sherin Susheel Mathew on 03.04.2024

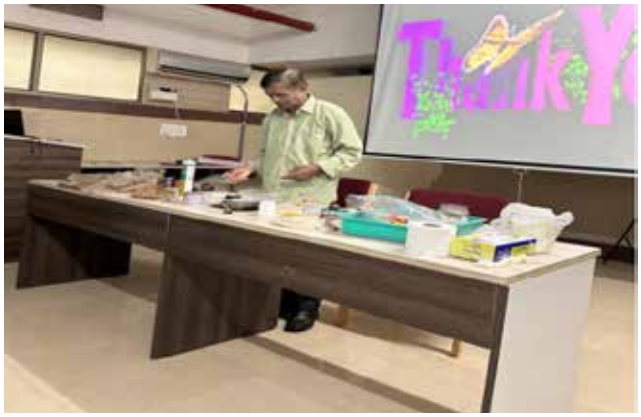
Dr Sherin Susheel Mathew gave a guest lecture on Pixelator which is a comprehensive digital pathology work flow management and AI market place platform which is designed to empower pathologists, diagnostic lab professionals and researchers. It includes Whole Slide Image viewing and management on a user-friendly interface, organising and streamlining the workflow from lab to pathologists. This was attended by all staff & Postgraduates from department of Pathology.

Plastination techniques demonstration by Dr.N.M.Shamasundar, Professor (Retd) of Anatomy on 11.04.2024

A guest lecture and demonstration of plastination technique was organized by the Department of Pathology. Dr. N. M. Shamasundar, Senior Retired Professor of Anatomy, Ex-Dean, Biomedical Sciences, JSS University demonstrated the Plastination techniques at Department of Pathology, JSS Hospital, Mysuru on 11/04/2024. He is first in India & second in the world to design the Unique Plastination technique. He has received many awards.

He explained the technique of preservation of biological specimens which would be dry, colored, odorless, portable, non-irritating and inexpensive. He explained 3 different techniques of plastination, including "Sheet plastination" which is comparable to CT and MRI, "Luminal cast plastination" which is used for hollow organs like cerebral ventricles, lung tumors and "Whole organ plastination".

He demonstrated plastination technique on one of the fibroid uterus specimens received in the Pathology department. It was attended by all the staff members and the pathology postgraduate students. It was an interactive session, and everyone found it to be a useful technique for teaching purposes. These techniques being simple and cost-effective, Dr.Rekha.T.S., Associate Professor of our department has taken an initiative to include plastinated specimens to the Pathology Museum, JSS Medical College, Mysuru under his guidance.





National Tuberculosis Elimination Program on 15.05.2024

Dr.Jayaraj B S (Nodal officer) greeted all members present and briefed about the minutes previous NTEP core committee meeting. Dr.Siraj (DTO) briefed about NTEP guidelines, and to check the availability of CBNAAT technician at District centre prior to sending sample and to send gastric lavage for CBNAAT in suspected paediatric TB cases.

Dr.Ganapthy Uppinal (Medical officer) discussed the last quarter statistics of our hospital which is almost 8% of total district contribution to NTEP programme.

Dr.Kiran (WHO consultant ,NTEP Bangalore) discussed and clarified about mismatches between actual data and data presented by Dr.Uppinal (NTEP - M.O.) regarding EP Cases and emphasized about 100% screening for HIV and DM for all patients of Tuberculosis confirmed both clinically and microbiologically.Dr.Kiran also highlighted about delay in diagnosing and initiating treatment for TB resulting in 3-4% patient death.

He also discussed that if there is strong suspicion of TB if both AFB and CBNAAT are negative, then we can go for liquid culture and can start treatment as clinically diagnosed Tuberculosis. He also discussed about sample collection and availability of transportation facility. Dr.Kiran appreciated about the good number of Extra Pulmonary TB cases contribution by JSSMC and discussed about Active screening of IP Patients with,

presumptive TB cases, from all the department.

Dr.Jayaraj B S (Nodal Officer) requested Dr. Kiran to conduct sensitization class for nursing staff /PG / Consultant and Paramedical staff and to provide information regarding NTEP Guidelines. Dr.Siraj (DTO) assured to arrange classes for sensitization programme by the end of this month. Dr.Jayaraj (Nodal Officer) discussed regarding starting of DR-TB IP and OP facilities and Centre of Excellence with DTO/WHO Consultant and regarding the ABARK scheme .

Dr.Basavana Gowdappa (Chairman, Principal) discussed with DTO/ WHO Consultant regarding the Centre of Excellence and DRTB IP and OP facilities. Dr.Madhu C P (Medical Superintendent) insisted DTO to make use of space given by the hospital for Drug storage facility, as appropriately. Dr.Sarveswarakar, Principal, JSSAH expressed his willingness for engaging AYUSH Medicine Department towards NTEP Programme.

Dr.Mahesh Prof, Respiratory medicine expressed his concern regarding INH, Under dosage dosage fot patient weighing less than 50 kgs. Under NTEP programme. WHO consultant, Dr.Kiran spoke on recent NTEP guidelines for Core committee members and post graduates for an hour after the meeting. 105 delegates attended this event.





Electronic medical records- Experience from USA on 15-05-2024



Department of gastroenterology conducted guest lecture on “Electronic medical records- Experience from USA” on 15/5/2024. The guest talk was co-hosted by academic society. The guest lecture was given by Dr Sethu V Madhavan, who is a gastroenterologist from Vanderbilt university, Nashville and he has also managed public health records in USA. The program was attended by staff and students from JSS medical college public health institute and hospital administration. 100 delegates attended this program.

NATIONAL / INTERNATIONAL DAYS CELEBRATED

SL. NO.	NAME OF THE PROGRAMME	DATE
1	Doctors Day Celebration	01-07-2023
2	World Population Day	11-07-2023
3	Observation of Adolescent Day	01-08-2023
4	World Breastfeeding week	02-08-2023
5	World Breastfeeding Week	3rd to 7th Aug.2023
6	World Breastfeeding week	04-08-2023
7	Tree sapling – Observation of Independence Day	14-08-2023
8	Awareness and Screening Programme for lung Cancer	24-08-2023
9	National Nutrition Week	1st to 7th Sept.2023
10	Teachers Day	05-09-2023
11	World Suicide Prevention Day	11-09-2023
12	Awareness Programme on Substance abuse and Observation of World Ozone Day	16-09-2023
13	World Anatomy Day	18-09-2023
14	World Arthritis Day	14-10-2023
15	World Mental Health Day	16-10-2023
16	World Aids Day	01-12-2023
17	National Leprosy Day	29-01-2024
18	Sexual & Reproductive Health Awareness Day	12-02-2024
19	Leprosy Awareness Programme	15-02-2024
20	Health Day Observation - World Glaucoma Day	01-03-2024
21	Health Day Observation	01-03-2024
22	World Health Day quiz	08-04-2024
23	National Pathology Day	13-04-2024
24	World Health Day	16-04-2024
25	World Maternal Mental Health Day	08-05-2024
26	World Lupus Day	10-05-2024
27	National Forensic Day	12-05-2024
28	World Hypertension Day	17-05-2024
29	World Liver Day	20-05-2024
30	International Museum Day	23-05-2024
31	World Schizophrenia Day	24-05-2024

32	World No Tobacco Day	31-05-2024
33	World Blood Donor Day	14-06-2024
34	United Nations International Day Against Drug Abuse and Illicit Trafficking	26-06-2024

National Doctors Day Celebration – 0 -07-2023

JSS Hospital, Mysore celebrated National Doctors Day today ie 1st July 2023 at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. Dr.H.Basavanna Gowdappa, Principal, JSS Medical College, addressed the gathering "Relevance of National Doctors Day" and why it should be celebrated. On the Ocassion Dr.Kushalappa P.A., Director Academics, JSS AHER, Dr.M.D.Ravi, Prof Dept of Paediatrics and Ex Director JSS Hospital, Dr. TSS Rao, Prof Dept of Psychiatry, JSS Medical College and Hospital, Dr.Shantamallappa, RMO, JSS Hospital were honored and felicitated by Dr.Manjunatha B., Registrar, JSS AHER, Dr.Basavanna Gowdappa, Principal JSS Medical college, Mysore, Dr.Col Dayananda, Ex Director , JSS Hospital, Dr. CP Madhu, Medical Superintendent, JSS Hospital, Dr. Manjunath V, Deputy Director (Diagnostic), JSS Hospital, Dr.Shyam Prasad Shetty , Deputy Director(Clinical) JSS Hospital , JSS Medical College and Hospital Faculty , Management andl staffs were present during the National Doctors Day celebrations.





World Population Day – 11-07-2023



On the occasion of World Population Day 2023 various activities were held by Department of Community Medicine, JSS Medical College, JSS AHER at Government High school and JSS Urban Health Centre, Bamboo Bazaar on 11/07/2023.

Activity 1: Guest lecture was delivered by Dr Rama H V, Lady Medical Officer of JSS UHC. She highlighted issues of population explosion and briefed about family planning methods. Another talk was delivered by Dr Amoghashree, Assistant Professor and Co-ordinator of JSS UHC on Gender equality. This was followed by Skit performance by Nursing students of JSS College of Nursing on the theme "Unleashing the power on Gender Equality- Uplifting the voices of women and girls to unlock our world's infinite possibilities". Prizes were distributed to winners

of Essay competition which was held as a part of World Population Day to the students of Government High school, Bamboo Bazar. Headmistress Mrs. Pushpavathi, Interns, staffs of High school, Sri. Santosh, health inspector, Sri. Sunil, health assistant and around 100 high school students were present during the event.

Activity 2: In association with JSS Jana Shikshan Sansthan, Department of Community Medicine, JSS Medical College, conducted an awareness program to the beneficiaries of tailoring course in JSS UHC premises.Sri. Ramesh, Director of JSS Jana Shikshan Sansthan gave a keynote address on World population day.Dr. Rama H V delivered a talk and Video of skit enacted by JSS college of Nursing was shown to the beneficiaries. Smt. Sowbhagya, Programme officer JSS Jana Shikshan Sansthan, Faculty Naveeda Banu and staff of JSS UHC attended the event. About 40 women beneficiaries participated and gained knowledge on Family planning.

Observation of Adolescent Day – 01-08-2023



Department of community Medicine, JSS Urban Health Center, JSS Medical College, Mysuru observed Adolescent day in association with Inner wheel club of Mysuru Gold. A Programme was organized to create an awareness on Menstrual Health and Hygiene to girls studying in 5th to 10th standard of Government Higher Primary school and Government High School Yadavagiri, Mysuru at Yadavagiri school premises on 01.08.2023.

Dr Rama H.V, Lady Medical officer of JSS Urban Health Center gave a talk on Menstruation, Menstrual hygiene, Adolescence Managing Problems during adolescence. This was followed by question and answer session and queries from students were clarified. The Hygiene kit including 10 sanitary napkins, toothpaste, tooth brush, soap were distributed to the school which was sponsored by Inner wheel club of Mysuru Gold.

Smt. Uma Anil, President, Smt Vijayalakshmi secretary of Inner wheel club of Mysuru Gold, Sri. Mahesh, Head Master, Government High School, Smt Nagaveni, Head Mistress Government Higher Primary School yadavagiri and their staff, Medico social students, were present during the event.40 girls attended and gained the knowledge through the programme. Sri. Santhosh, Health Inspector, Sri Sunil, Health Assistant. Sri. Mallikarjuna swamy, Social Worker. coordinated the Programme.

World Breastfeeding week – 02-08-2023



Department of Community Medicine observed Breastfeeding week at JSS Urban Health Center on 02.08.2023 in association with Inner wheel club of Mysuru Gold and Inner wheel club of Mysuru Midtown at JSS Urban Health Center.

Dr Amoghashree, Assistant professor Department of Community Medicine and coordinator JSS Urban Health Center Presided. Dr H.V Rama, Lady Medical Officer, JSS Urban Health Center gave a power point presentation on the theme of World Breastfeeding Week “Enabling breastfeeding making a difference for working parents” advantage of Breastfeeding to both Mother & the baby. The interactive session which followed was helpful in creating

awareness, dispel myths & misconceptions on breastfeeding.
Smt. Uma Anil, President Inner wheel club of Mysuru Gold. Smt. Saba moving suyani President, Inner Wheel club of Mysuru Midtown, Smt Sandhya Suresh Secretary, Inner wheel club of Mysuru Midtown, with other members, Dr Amoghashree, Dr H.V Rama inaugurated the Programme by watering the plant.

World Breastfeeding Week 2023 – 03rd ,04th & 7th Aug 2023



On the occasion of World Breastfeeding Week, a Health Education session was organized at Suttur PHC on 3rd August 2023. Dr. Kavya G Upadhya, Senior Resident, Department of Community Medicine and Dr. Ramya M, Medical Officer, Suttur PHC discussed the problems faced by breastfeeding mothers and educated them regarding various aspects of breastfeeding and its importance. Other staffs of Suttur PHC were also present on this occasion. About 30 expectant and lactating mothers attended the session.

The Department of Community Medicine, JSSMC had organized a webinar on the occasion of World Breastfeeding Week 2023 on 4th August 2023, Friday from 2 – 3 pm. Our Resource Faculty, Dr. Madhu B, Professor, Dept. of Community Medicine and Deputy Dean (Research), JSSAHER gave her valuable insights on the topic “Enabling Breastfeeding: Making a difference for working parents”. The webinar was co-ordinated by Dr. Kavya G Upadhya. Around 200 participants from across India registered for the webinar.

Health education session was conducted at Bannimantap, Urban Primary Health Centre as a part of observation of World Breastfeeding Week on 7th August 2023. Phase 2 MBBS students presented a skit on the importance of breastfeeding. The audience included antenatal mothers, postnatal mothers and general public. Dr. Lokesh, Medical Officer, Urban PHC, Reshma Banu, Corporator Bannimantap and other staff were present on this occasion. The event was co-ordinated by Dr. Shruddha, Post graduate, Dept. of Community Medicine; Dr. Kavya G Upadhya and Dr. Mythily M R, Senior Residents, Dept. of Community Medicine.

World Breastfeeding week – 04-08-2023



Department of Community Medicine, observed Breastfeeding Programme on 04.08.2023 in association with Inner Wheel Club of Mysuru Gold and Inner Wheel Club of Mysuru Midtown at Anganawadi Center Medar Block.

Dr. H.V Rama Lady Medical Officer JSS Urban Health Center, gave a talk on the theme as well as importance, advantages of breastfeeding to Mother & baby. 15 Antenatal & pregnant mothers actively participated in the programme. Smt. Yashoda Anganawadi worker, organized this programme.Iron Syrup & Protein powder sponsored by Inner Wheel Club of Mysuru Gold & Inner Wheel Club of Mysuru Midtown respectively were distributed.Sri. Sunil Health assistant, Sri. Santhosh Health Inspector, JSS Urban Health center coordinated Programme.

Awareness and Screening Programme for lung Cancer – 24-08-2023



Department of Community Medicine, JSS Medical College and Department Pharmacy Practice, JSS College Of Pharmacy had jointly organized an awareness Programme on smoking and Lung cancer & Free General Health screening at JSS Urban Health Center, Bamboo Bazar on 24.08.2023.

The Programme was inaugurated by Dr. Sunil Kumar D, Head of the Department of Community Medicine, Dr. Kiran, Oncologist, JSS Hospital, Dr. Jaidev Kumar, Pharmacy Practice, JSS College of Pharmacy by watering the plant.

Dr. Kiran, Oncologist addressed the pourakarmikas and gave a talk on harmful effects of smoking, Lung cancer & methods of quitting tobacco. Dr.Sunil Kumar D, urged the participants to take care of their health by avoiding smoking, alcohol, tobacco consumption which world be detrimental to their health. Dr. Amoghashree, JSS Urban Health Center Coordinator, Dr. Rashmi S, Senior Resident, Department of Community Medicine, Dr. Rama H.V, Medical Officer, were Present. 17 Pourakarmikas and 05 Local people Participated. Sri. Rajendra & Sri. Kodanda Local Leaders thanked JSS for organized the awareness Programme to the local slum dwellers. All were screened for risk factors. 4.5% had family history of lung cancer, 13.6% gave history of smoking and another 13.6% told they chew tobacco and 13.6% were passive smokers. 3 were hypertensive and 1 had IHD. Later counselling was given to all the beneficiaries. Earlier Smt Dr. Rama H.V, Lady Medical Officer JSS Urban Health Center welcomed and Sri Santhosh, Health Inspector compered. Dr Jaidev Kumar, Lecturer JSS Pharmacy College Proposed vote of thanks.

National Nutrition Week – 1st to 7th Sept.2023



National Nutrition Week (NNW) is observed annually in India from September 1 to 7. This dedicated week aims to raise awareness among people about the vital role of nutrition and the significance of cultivating healthy eating habits. The theme for this year is **"Healthy diet going affordable for all".**

In this regard, the Department of Community Medicine, JSS Medical College, Mysuru organized a series of activities.

The event was inaugurated by Dr. Suma M N, Vice principal (preclinical), Dr. Praveen Kulkarni, Vice principal (para clinical), and Shri Satish Chandra, Administrative officer, JSS Medical College, Mysore. Overall, 10 teams from different sections of JSS AHER participated. The teams prepared dishes with varieties ranging from paneer pulao to ragi balls, jowar roti, foxtail Upma, and Dalia payasam to green tea.

The event was very well received by both the judges and the participants with their enthusiastic participation. Team no 10- Dr.Lekha and Dr.Rakesh won the first place, and Dr. Sulochana and Dr.Shilpa from Team 8 won the second place. A consolation prize from the judges was given to Mrs. Kasturi and Ms. Manjula for putting

extra effort and enthusiasm into the preparation of their dishes. Dr Sunil Kumar D, Head of Dept of Community Medicine, proposed releasing compiled recipes in a Food magazine. The event concluded by a Vote of thanks by Dr Sunitha Singh, Sr Resident, Dept of Community Medicine.

Secondly, a Painting competition was organized for JSS public school students, J P Nagar on the theme **"Fuel for the future: Right nutrition for Right Health"** on 4th Sept 2023. More than 250 students from 1st to 10 standards participated. The students unveiled their talents through lovely paintings. Mrs. Smitha, Principal, JSS Public School, J P Nagar, supported organizing the event in a smooth manner. The prizes for the children were categorized into 3 categories- 1st category 1st to 4th standard, 2nd category 5th to 7th standard, and 3rd category 8th to 10th standard. The paintings were initially screened by Dr. Sunitha Singh and were subsequently judged by Dr. Kala Bharathi, Professor, Department of Pharmacology, JSS Medical College, and Dr. Vijaya Vageesh, Associate Professor, Department of Physiology, JSS Medical College. The prizes were distributed on 16th September 2023. Kaushik Reddy, of 4th A, secured 2nd place, and Saisohan C, from 3rd B, secured 1st place in Category I. Siri S, from 6th B, bagged the 2nd place and Anarghya S, of 6th B, bagged the 1st place in Category II. Chaithanya Mahesh, of 8th B, and Preetham Gurukar N A, of 8th std, secured 2nd place and 1st place respectively under Category III.

3. A Webinar on **Healthy diet going affordable for all** was organized on 5th Sept Sept 2023. Dr. Nayana Shabadi, Assistant Professor, Department of Community Medicine, JSS Medical College, gave the webinar talk. In total, 111 participants had registered for the webinar. In the feedback, the participants requested many such webinars in the future.

The department also organized a series of Radio talks in collaboration with JSS Radio. The radio talks focussed on topics such as Simple ways to level up your eating habits which was aired on a Live show on 1st September. This radio talk was given by Dr.Praveen Kulkarni, Vice Principal (para-clinical) and Professor, Dept of Community Medicine, JSS Medical College. Another topic, "Staying Young: Nutrition facts" was delivered by Dr Mythily M R, Senior Resident, Dept of Community Medicine, JSS Medical College which was aired on 4th Sept 2023. Dr.Madhu Srinath, Deputy Dean, Research, JSSAHER, also delivered a radio talk on "Right nutrition: Right Health" which was aired on 11th Sept 2023. This was followed by another radio talk by Dr.Shwetha N Kurkuri, Senior resident, Dept of Community Medicine, JSS medical college, on "Mindful eating for health goals" aired on 18th Sept 2023. Dr Sunitha Singh, Senior resident, Dept of Community Medicine gave a digital audio talk on "Superfoods- Myths and Facts" available on YouTube https://youtu.be/wV8WiQuPdVg?si=ZNJZAvPqiJiUOTUq .



In order to bring about awareness among the public, the Department of Community Medicine also organized a flash mob followed by a skit by MBBS students at Mall of Mysore and Nexus City Mall, Mysore on 9th Sept 2023. A total of 13 students performed a flash mob and skit highlighting the ill effects of Unhealthy eating. The flash mob and skit had a good turnout of onlookers and mall visitors with more than 100 people witnessing the show. The Nutrition Week activities concluded with the sensitization of school students on healthy foods and healthy eating habits through health education by Dr. Sunitha Singh, Senior Resident, Dept of Community Medicine on 16th Sept 2023. Students of classes 5, 6 and 7 from JSS Public School, J P Nagar, Mysore participated.

World Suicide Prevention Day - 11.09.2023

Department of Psychiatry in collaboration with Department of Community Medicine observed World "Suicide Prevention Day-2023" on 11/09/2023 at JSS Medical College. The event was graced by Dr Praveen Kulkarni, Vice Principal (Para Clinical), JSS Medical College, Dr Kishore, Prof and Head, Department of Psychiatry, JSS Medical College, Dr Sunil Kumar D, Prof and Head, Dept of Community Medicine, JSS Medical College, faculty, Postgraduates of Dept of Psychiatry and Community Medicine, and MBBS Phase III Part I students. With the brief introduction on the importance of suicide



prevention, world suicide prevention day, and the theme of 2023 by Dr Smitha MC, Associate Professor of Department of Community Medicine, the event began by Dr Praveen Kulkarni addressing the gathering. Dr Praveen Kulkarni encouraged the students to reach out for help whenever required and ensured that the institution is always there for their support. This was followed by Dr Kishor sensitizing the students on the facilities available in the institution for promoting mental health and suicide prevention. He also briefed the students about the SAFL (Self-Assessment For Life) app launched in 2020 by the department of psychiatry, for detecting the risk of suicide and directing the user for appropriate help as is required. Followed by this Dr Sunil Kumar. D addressed the students on suicide prevention and the effect of suicide on family members. Dr Smitha M.C then encouraged the students to participate in several competitions organized on the account of World Suicide Prevention Day-2023 and concluded the event with the vote of thanks.

Awareness Programme on Substance abuse and Observation of World Ozone Day – 16-09-2023



An awareness Programme on Prevention & Management of Substance abuse was held for High School children on 16.09.2023 at Government High School, Medar's Block, Bamboo Bazaar.

Dr. Rama H.V., Lady Medical Officer, JSS Urban Health Center gave a talk on the subject through PPT. She stressed the need for creating awareness to adolescents who are easily Prone to get affected by substance abuse. She also clarified the doubts among students.

A Role play by High school Girls on the topic was appreciated by everyone. Observation of World Ozone Day also was held on 16.09.2023 Smt. Ningajamma, Science Teacher gave a PPT about importance of Ozone and bad effects caused on earth due to depletion of Ozone layer. She also gave an account of steps to Prevent further depletion of ozone layer. Smt. Pushpavathi Head Mistress Government High School Presided over the Programme. Kumari Rachana compred the Programme. Field staff Sri. Mallikarjuna swamy MSW. Sri. Santhosh H.B Health Inspector. Sri. Sunil Y.S Health assistant JSS Urban Health Centre coordinated the event.

World Anatomy Day on 18/09/2023



The Department of Anatomy organized a guest lecture, titled “Relevance of Anatomy in Clinical and Surgical Sciences,” on 18/09/2023 on the occasion of world anatomy day. The esteemed speaker for the event was **Dr. Ashwini C Appaji** who is renowned for her expertise in the field of anatomy. The lecture started with brief talk on the significance of celebration of world Anatomy Day by Dr. Vidya CS, Professor and head, Department of anatomy. Dr. Vinutha SP, Assistant professor, introduced the guest speaker by highlighting her extensive background and expertise in the field of anatomy. Dr. Ashwini C Appaji delivered a comprehensive presentation on the relevance of anatomy in clinical and surgical sciences. She emphasized that anatomy serves as the fundamental building block of medical knowledge and explained how a deep understanding of anatomy is crucial for making accurate diagnoses and performing safe and effective surgeries. The lecture included numerous real-life examples, case studies, and medical images to illustrate how anatomy is applied in clinical settings. Dr. Praveen Kulkarni, Vice Principal (para clinical), spoke about the importance and the significance of anatomy in academic and professional careers.



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World Arthritis Day – 14-10-2023

On occasion of “World Arthritis Day” was celebrated on 14th October 2023 at JSS Hospital entrance. Dr.C.P.Madhu, Medical Superintendent, Dr. Purushotham Shastry, Senior Orthopaedic Surgeon and other staffs were present during the inaugural function. Dr.Purushotham Shastry highlighted about the importance of World Arthritis Day and he advised patients on how to prevent arthritis and its complications.



World Mental Health Day - 16.10.2023

Department of Community Medicine in collaboration with Department of Psychiatry, JSS medical college, Mysuru observed WORLD MENTAL HEALTH DAY - 2023 on 16th October 2023 at 2pm in Gallery 6.

The program began with a welcome speech by Dr.Sunil Kumar D, Professor and Head of Department of Community Medicine, JSSMC. This was followed by Dr. Praveen Kulkarni, Vice Principal, JSSMC addressing the gathering about the association of stigma

with mental health, and later Dr. Kishore M, Professor and Head of department of Psychiatry, JSSMC sharing with the students, the various activities carried at institutional level for the promotion of mental health wellbeing. During the event prizes were distributed to the winners of reflective writing and short film competition held on the account of World Suicide Prevention Day-2023.

In view of the day, a panel discussion was held based on the theme "MIND, THE MIND". The panelists for panel discussion were Dr. Arvind Raj, Additional Professor, Department of Psychiatric social work, NIMHANS, Bengaluru, and Dr. MR Seetharam, Consultant Orthopedic surgeon, SVYM, Executive Secretary, VILD foundation, Mysuru, and Managing trustee, DISHA Foundation, Mysuru. The panel discussion was moderated by Dr. Smitha MC, Associate Professor, Department of community medicine, JSSMC. The main objective of the discussion was to sensitize the medical students on the importance of mental health both in their personal and professional life.

During the panel discussion, key aspects related to mental health like the challenges faced towards the implementation of community mental health programs, stigma and mental health, influence of social and cultural aspects on mental health, connection between body mind and soul, stress coping, role of life skills and resilience in promotion of positive mental health, suicidality, ways to overcome it, and help seeking were discussed. This was followed by the vote of thanks by Dr.Pradeep Kumar KC, Assistant Professor, Department of Psychiatry, JSSMC.

World AIDS Day - 01-12-2023



An Awareness Programme on World AIDS Day 2023 was conducted by JSS Urban Health Center, Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru in Government High School, Medar Block, Bamboo Bazaar on 01.12.2023.

Dr. H.V Rama, Lady Medical Officer, JSS Urban Health Centre delivered a guest lecture to the school students on the theme of **World AIDS day 2023 – "Let communities lead".** This was followed by interactive session.

Smt Pushapavathi, Head Mistress of Government High school urged the students to know about the disease, its prevention and also spread the awareness to others. She thanked JSS UHC and Department of Community Medicine for conducting a programme. Staffs of Government Higher Primary school and 78 Students attended the programme.

NATIONAL LEPROSY DAY - 29-01-2024

Department of Dermatology conducted essay writing competition on the theme of "Beat the Stigma of Leprosy" at JSS Nursing College for a duration of 1 hour and prizes were awarded to the best 2 awards. This event was coordinated by Dr. Chethana, Assistant Professor of Dermatology.

SEXUAL AND REPRODUCTIVE HEALTH AWARENESS DAY – 12-02-2024

School of Public Health, JSSMC, JSSAHER, observed the 'sexual and reproductive health awareness day' on 12th February, 2024 in Urban Primary Health Centre, Bannimantap, Mysuru. There was an awareness session and interactive activities were organized for the people in PHC. A multitude of people participated in the educational session, which was also coordinated by the Medical Officer and the staff of UPHC.



This year, School of Public Health, JSS Medical College, JSSAHER, Mysuru observed the Sexual and Reproductive Health Awareness Day on 12th February in the Urban Primary Health Centre, Bannimantap. Students from activity group 3 (Dr. Harshitha, Mr Vinayak, Dr. Sanju, Dr. Srinija, Dr. Ranjan, Dr. Pavan, Aransha Rodrigues, Ms. Swarna, Mr.Aravindan, Dr. Ayushi, Ms. Kirubha Lakshmi, Mr. Sanjeevi), moderated by Dr.Sulochanadevi B C with the permission and coordination of the Medical Officer, Dr.Lokesh, and the staff of the PHC held an awareness session on sexual and reproductive health.

There were a multitude of attendees in the UPHC. The session began with a brief introduction by the students and the Medical Officer about the day. This was followed by a pre-test, which had 10 questions (in English and Kannada languages) to assess the awareness the attendees had before the session about sexual and reproductive health. The information, awareness and education on sexual health, different methods of contraception, cervical cancer, HPV vaccine, family planning, etc. was imparted. The post-test questionnaire was distributed afterwards to assess if the health education was beneficial.

LEPROSY AWARENESS PROGRAMME – 15-02-2024

As part of World Leprosy Day on 30th January 2024, School of Public Health organized awareness sessions in three schools in Nanjangudu, responding to concerns raised by the district leprosy officer regarding high incidence rates in the area. On 15th February 2024, we the seven students of capstone group one along with the mentor Mrs.Shashirekha B visited the selected schools including JSS High School Hullalli, catering to both English and Kannada mediums, and JSS Girls High School in Nanjangudu.

Through interactive presentations and discussions, we engaged around 270 to 300 students across the three schools. By reaching out to students at an impressionable age, we hoped to instill in them a sense of empathy and understanding towards individuals affected by leprosy. Additionally, we aimed to empower them with knowledge on recognizing the signs and symptoms of leprosy and the importance of seeking timely medical attention.

We commenced the session by showcasing an awareness video tailored for the occasion, followed by a detailed explanation of how to diagnose leprosy. To engage the students further, we conducted a short quiz, which not only gauged their understanding but also provided valuable feedback on the effectiveness of our presentation.

Subsequently, we proceeded to JSS Girls High School in Nanjangud, where 80 students awaited us. Here, we divided them into groups of 10 and delivered a comprehensive explanation of the disease and its diagnosis. The interactive nature of the session facilitated meaningful discussions, and the quiz served as an engaging learning tool.





WORLD GLAUCOMA DAY – 01-03-2024



On March 1st, 2024, group 4 (1st sem) and Group 2 (3rd sem) from the School of Public Health, JSSMC, conducted an enlightening health awareness session on glaucoma. This session took place at the Missionaries of Charity of Mother Teresa in Bannimantap, Mysuru, and targeted a vulnerable group of approximately 30 women aged 40 and above.

Glaucoma is one of the leading causes of blindness. As risk of the disease gets higher after 40 years, we chose old age home for awareness session. The World glaucoma day is celebrated on March 12th, 2024 and there is a screening camp organised for the same at JSS Hospital, Mysuru. We wanted to enlighten the group for the same also engaged the group with an awareness session on glaucoma with the help of a short video. The video had early signs and symptoms, causes, treatments options of glaucoma. The video was again explained in Kannada with information regarding the importance of the screening test and the necessityof the screening test.

It featured a short video presentation in both English and Kannada, detailing crucial information about glaucoma. The video was followed by an interactive discussion, emphasizing the importance of regular screening tests.

World Rare Disease Day

On March 1st 2024, we students from Masters in Public Health organised World Rare Disease Day awareness program at JSS Sahana Integrated and Special School for Differently abled children in Saraswathipuram, Mysuru In collaboration with Rotary Club, Mysuru, Under the guidance of Dr.D.M.Shilpa (Assistant Professor at School of Public health). The purpose of observing the health day is to promote awareness about rare diseases through engaging activities and presentations and aims to foster empathy, compassion and inclusivity for rare disease patients and their families.

We conducted a drawing competition by providing all the essential stationaries, the students were very enthusiastic and happy to participate, we also prepared presentations regarding rare diseases to aware the parents about the accessibility of services in healthcare organisations and the management of these complications. We had an interactive session with all the faculties and parents about their experiences and efforts to make the children's lives better. We appreciated and congratulated the staff for doing such amazing work. We had a good time, experienced and learnt many things by organising the World Rare Disease Day.

WORLD HEALTH DAY QUIZ – 08-04-2024



The Department of Community Medicine, JSS Medical College, Mysuru, in collaboration with IAPSAM (Indian Association of Preventive Social Medicine), hosted the IAPSM World Health Day Nationwide Quiz 2024 on April 8th at Gallery 3 of the college. The event was a resounding success, with 112 people, including 100 undergraduate students, 6 graduate students, and 6 faculties, actively participating and contributing to the vibrant atmosphere.

The competition featured four teams of three students selected from an elimination round on April 2nd. The quiz had four rounds: rotation, Visual, MCQ (multiple-

choice questions), and Rapid Fire. A tiebreaker round was also held, as two teams had the same score for 3rd and 4th place at the end. The top prize went to Phase III Part II MBBS students Arushi Kaushik, Abora Bagish, and Purna Bansal. The first runner-up prize went to Shashank Mishra, Shreya Vakharia, and Srishti Dutta, and the second runner-up prize was awarded to Sana Chahal, Samyuktha Krsna Padmanabha, and Sagar Shaji, all from Phase III Part I MBBS. Dr Kodeeswaran and Dr Manrisha P V, first-year postgraduates from the department, were the quiz masters who ensured the quiz went smoothly.
The program concluded with a prize distribution ceremony, during which Dr Praveen Kulkarni, Vice Principal (Para-Clinical), Dr Sunil Kumar D, Head of the Department, and Dr Shwethashree M, Assistant Professor and nodal person for the quiz, handed out the prizes. Dr Mythili M R, Dr Sunitha Singh, Dr Rashmi S, and postgraduates from the department were also present and coordinated the event.

NATIONAL PATHOLOGY DAY – 13-04-2024

National Pathology day is celebrated on the birth anniversary of Dr V R Khanolkar in accordance with his dedication towards teaching, research, and excellence in pathology on the 13th of April 2024. The celebration was attended by the dignitaries of the administration including the Principal, Medical Superintendent and the deputy director, staff members of the Department of Pathology along with all postgraduates. The celebrations commenced with invoking the blessings of the Almighty, Jagadguru Sri Shivarathri Rajendra Mahaswamiji and offering pranams to the lotus feet of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji. The dignitaries and the gathering was welcomed by Dr Sheeladevi C S, Head of the Department of Pathology, JSS MC. This was followed by a brief insight into the contributions to the field of Pathology by Dr V R Khanolkar and the event was formally inaugurated by lighting the lamp. Our guests of honour Dr. Basavana Gowdappa, Principal, JSS Medical College and the Deputy Director Dr Manjunath spoke nostalgically about the illustrious past of the department while offering encouraging advice for the promising future of the department.
An interactive session on “The changing role of Pathologists in the management of breast cancer-perspectives” was conducted where speakers from different Oncology specialties were invited to share their views. Dr Kiran PK, Medical Oncologist, Dr.Jayakarthik Y, Surgical Oncologist, Dr Mekhala Swethadri, Radiation Oncologist and Dr Divya Vijayanarasimha, Oncopathologist spoke illustriously about the critical and changing role of Pathologists. Dr Suchitha S, Professor, Dept of Pathology and Dr Harish S, Professor and HOD, Department of Surgery efficiently chaired the sessions and shared their perspectives on the topics. The added responsibility expected to be shouldered by Pathologists in this era of Molecular Pathology and personalized medicine was highlighted by all the speakers. The sessions proved to be a unique learning opportunity to learn about the views of faculty from different specialities and understanding the pivotal role played by the Pathologist as a consultant’s consultant. The session concluded with a vote of thanks delivered by Dr Sheeladevi C S.





WORLD HEALTH DAY – 16-04-2024

JSS Medical College commemorated World Health Day with a Health Camp dedicated to our Hostel Mess Workers

The Department of Community Medicine, JSS Medical College, JSS AHER Mysuru organized a health camp on April 16, 2024, to mark 76th World Health Day (Theme: My Health, My Right) and promote regular health check-ups for its Hostel mess workers. The event was held at the Boys Hostel Mess block 1st floor, JSS Medical College, from 10 AM to 4 PM. The health camp aimed to provide comprehensive health assessments to hostel mess workers, which included measuring height, weight, visual acuity, BMI, Waist to hip ratio, body fat analyzer, blood pressure, Haemoglobin, blood sugar, ECG. One to one Health education and health counselling was given to all the participants of the camp.

Dr.Praveen Kulkarni, the Vice Principal (Para-Clinical) and Sri S.R.Sathish Chandra, the Administrative Officer, inaugurated the event. Dr.Praveen Kulkarni addressed the gathering, emphasizing the event's significance in line with the theme, My Health, My Right, by mentioning the importance of regular health check-ups for every individual and the health of hostel mess workers.

Sri S R Sathish Chandra appreciated the initiative and urged all staff to use the health camp. Dr.Sunilkumar D, Professor and Head of the Department of Community Medicine and Dr.Anil S.Bilimale, Chief Warden JSSMC Hostel was also present at the event. Approximately 123 mess workers benefited from the health camp.

The event was meticulously organized by Dr.Sunil Kumar D., Professor and Head; Dr.Shwethashree M, Assistant Professor; and Dr.Shweta N.Kurkuri, Senior Resident of the Department of Community Medicine. Their postgraduates, interns, and staff members were crucial in serving the participants and ensuring the event was a resounding success.






WORLD MATERNAL MENTAL HEALTH DAY – 08-05-2024

World Maternal Mental Health Day is celebrated every year on May First Week to raise awareness around Maternal Mental Health Conditions during Pregnancy & post childbirth.

Throughout the history mothers have been revered as the pillars of strength, caregivers and nurturers. However, behind the veil of strength, Depression affects 10% of women in postpartum period, many psychiatric disorders emerge or re-occur during pregnancy and post pregnancy. This adversely affects newborns, the mother & her family. There is need for more awareness and collaboration across specialties. Hence World Maternal mental health day was observed on 08.05.2024 by Department of Psychiatry in collaboration with Department of Obstetrics and Gynaecology at JSS Hospital. The occasion was graced by JSSMC Principal Dr.H.Basavana Gowdappa who called for greater cooperation between departments. JSS Hospital Medical Superintendent Dr.C.P.Madhu emphasised low cost charges offered for Hospital Services, Vice principal Dr.Manthappa appreciated the initiative. Professor & Head, Department of Psychiatry Dr.M.Kishor pledged for more collaborative resources. Professor & Head, Department of OBG Dr.Mamatha S. emphasised continued care. Overview of Women Mental Health and Maternal Mental Health status in India was presented by Dr.Priyankha, Dr.Venkatesh, PG Residents, Dept. of Psychiatry, JSSMC. Awareness Talk for women in perinatal period at JSS Hospital was given by Dr.Megha Sadashiv, Senior Resident, Dept. of Psychiatry, JSSMC. Dr.Shalaka Atre did the comparing and Dr.Vikrant Arora gave vote of thanks.





WORLD LUPUS DAY – 10-05-2024

Awareness about Lupus disease at JSS Hospital. On the occasion of World lupus Day (10-05-2024) An awareness program about Lupus disease was organized by the Rheumatology Department at JSS Hospital, Mysuru. Hospital Superintendent and Director In charge Dr. C.P. Madhu inaugurated the event by distribution of lupus kits to lupus warriors. Dr. Subramanian, Prof and HOD, Dept of Clinical Immunology and Rheumatology spoke and explained the treatment to be carried out to control this disease. Associate Professor Dr. Sivaprasad, Assistant Professor Dr. Mahabaleshwar Mamadapur cleared the doubts of patients regarding lupus.





Awareness Programme to commemorate National Forensic Medicine Day

To commemorate National Forensic Medicine Day held on May 12th and World Schizophrenia Day on May 24th, an awareness program was held on Friday, May 24, 2024, from 3 to 4 PM at Medical Education Unit, JSS Medical College, Mysuru.

The program focused on the interface of Forensic Medicine and Psychiatry in cases related to schizophrenia. The event was graced by Dr.H.Basavana Gowdappa, Principal of JSS Medical College, Mysuru, who was the Chief Guest. The programme was presided over by Dr.Manjunatha B , Registrar, JSS Academy of Higher Education and Research. The opening remarks were delivered by – Dr.Chandrakanth H.V., Professor and Head, Department of Forensic Medicine & Toxicology, JSS Medical College Mysuru - Dr. Kishor M, Professor and Head , Department of Psychiatry, JSS Medical College and Hospital , Mysuru Dr Praveen Kulkarni, Vice Principal (Para-clinical) JSS Medical College, Dr.Manjunath GV , Deputy Director , JSS Hospital , Dr Arun M , Professor , Department of Forensic Medicine and Toxicology were the dignitaries who graced the occasion .

Key Topics and Speakers

1. Biological Basis of Delusions and Hallucinations in Schizophrenia- DR Murali MR
2. Forensic Aspects in Crime Associated with Severe Mental Illness- Dr Smitha Rani

Dr.Murali M.R., Senior Resident, Department of Psychiatry discussed the underlying biological mechanisms that contribute to delusions and hallucinations in patients with schizophrenia, highlighting recent research and advances in understanding these phenomena.

Dr.Smitha Rani, Associate Professor, Department of Forensic Medicine and Toxicology addressed the forensic implications of crimes committed by individuals with severe mental illnesses, focusing on the challenges and considerations in such cases. The event provided an in-depth look at the intersection of Forensic Medicine and Psychiatry, particularly in the context of schizophrenia. The speakers shed light on both the biological underpinnings of the disorder and the forensic challenges associated with it.

The awareness program was well-received by attendees, fostering greater understanding and collaboration between the fields of forensic medicine and psychiatry. Dr. Atma Bevin and Dr. Saravana Prashanth, postgraduates in the Department of Forensic Medicine and Toxicology, served as the Masters of Ceremony. Dr. Sai Niveditha, also a postgraduate in the Department of Forensic Medicine and Toxicology, delivered the vote of thanks.

WORLD HYPERTENSION DAY – 17-05-2024

Department of Community Medicine, JSS Medical College, JSS AHER conducted a half day hypertension screening camp on the occasion of World Hypertension Day in the premises of Chamundeshwari Temple, Medar Block, Bamboo Bazaar, opposite to JSS Urban Health Centre on 17/5/2024.

Health awareness talk was given by Dr H.V.Rama, Lady Medical Officer, JSS Urban Health Centre, on the theme *Measure your Blood Pressure Accurately Control it, Live Longer*.





WORLD LIVER DAY – 20-05-2024

Interdepartmental colloquium was organized from the Department of Anatomy, Physiology, Biochemistry and Gastroenterology to commemorate the **World Liver Day** on 20th April 2024 in Gallery 6, JSS Medical College from 11 am to 1 pm.

The dignitaries were Dr. Suma M. N, Vice Principal (Preclinical), Sri S R Satish Chandra, Administrative Officer, Dr. Vidya C. S, Professor & Head of Anatomy, Dr. Rajeshwari L, Professor & Head of Physiology and Dr. Swetha N K, Associate Professor of Biochemistry, JSS Medical College, Mysuru.

Dr. Swetha N. K, Associate Professor, Department of Biochemistry welcomed all the dignitaries, teaching staff and the students. Dr. Suma M. N, Vice Principal (Preclinical) addressed the gathering emphasizing the significance of World Liver Day in line with the theme and administered the oath to the students in a unique way. Sri S R Satish Chandra, Administrative Officer addressed the gathering by encouraging everyone to lead a healthier lifestyle. Dr. Priya S. A, Associate Professor, Department of Physiology proposed the vote of thanks.

Dr. Geetchandra Tongbram, Post-graduate student, Department of Anatomy spoke on the topic “Anatomy of Liver”. Dr. Vidya C. S presented a flower bouquet to Dr. Geetchandra Tongbram as a token of appreciation.

Dr. Atchaya, Post-graduate student, Department of Physiology spoke on the topic “Functions of Liver”. Dr. Rajeshwari L presented a flower bouquet to Dr. Atchaya as a token of appreciation.

Dr. Sowpackia Manimozhi S, Post-graduate student, Department of Biochemistry spoke on the topic “Liver Function Tests”. Dr. Swetha N K presented a flower bouquet to Dr. Sowpackia Manimozhi as a token of appreciation. Dr. Abhishek Kabra, Post-graduate student, Department of Gastroenterology spoke on the interesting topic “Case on obstructive jaundice”. Dr. Rajalakshmi R, Professor of physiology presented a flower bouquet to Dr. Abhishek Kabra as a token of appreciation.

Feedback was taken from Ms. Shwetha Rai, M. Sc student. She excitedly spoke about how useful and educational the program was to all the students. This was the first time that such a type of program was organized at an interdepartmental level. Dr. Vinutha S. P, Assistant Professor of Anatomy was the master of ceremony for this program.





INTERNATIONAL MUSEUM DAY - 23-05-2024





On the occasion of International Museum Day, the Department of Anatomy, JSS Medical College, Mysuru, conducted the following events on 23/05/2024. “Poster making competition” for I year MBBS students of

2023-24 batch and "Museum visit" by Medical Physics Students, School of Life Science, JSS AHER.
The theme of this year International Museum Day was, "**Museums for Education and Research**," underscores the pivotal role of cultural institutions in providing a holistic educational experience. On 23/05/2024 at 11 am the Medical Physics Students, School of Life Science, JSS AHER visited the Anatomy Museum. The Post graduate students accompanied the students and they explained all the museum specimens and also the digitalization of the Museum was demonstrated to them. The specimens and digitalization was appreciated the students.At 12 pm, Posters prepared by the I year MBBS Students were displayed in front of the Departmental Museum. The entire class of 1st MBBS 2023-24 batch was divided in to ten teams based on the roll numbers. The topics were carefully chosen based on the theme and to bring awareness about the importance of the Museum.
Dr.K.T.Chandra Shekar, Assistant Professor, Department of Anatomy, Mysore Medical College and Research Institute Mysore and Dr.Rekha T.S., Associate Professor, Department of Pathology, JSS Medical College, Mysore were the judges for the competition.
The competition was visited and appreciated by **Dr.Basavana Gowdappa H.**, Principal, JSS Medical College and Mysore. This was followed by a prize distribution ceremony which was graced by **Dr.Praveen Kulkarni**, Vice- Principal, (Paraclinical), JSS Medical College, **Sri. Satishchandra S.R.**, Administrative officer, JSS Medical College, **Dr.Vidya C.S.,** Professor and Head of Department of Anatomy, **Dr.K.T.Chandra Shekar, and Dr.Rekha T.S.**

WORLD SCHIZOPHRENIA DAY – 24-05-2024

World Schizophrenia Day on May 24th, an awareness program was held on Friday, May 24, 2024, from 3 to 4 PM at Medical Education Unit, JSS Medical College, Mysuru. The program focused on the interface of Forensic Medicine and Psychiatry in cases related to schizophrenia.
The event was graced by Dr. H Basavana Gowdappa, Principal of JSS Medical College, Mysuru, who was the Chief Guest. The programme was presided over by Dr.Manjunatha B., Registrar, JSS Academy of Higher Education and Research.
The opening remarks were delivered by Dr Chandrakanth H.V., Professor and Head, Department of Forensic Medicine & Toxicology, JSS Medical College Mysuru, Dr. Kishor M, Professor and Head, Department of Psychiatry, JSS Medical College and Hospital, Mysuru
Dr Praveen Kulkarni, Vice Principal (Para-clinical) JSS Medical College, Dr Manjunath GV, Deputy Director, JSS Hospital, Dr Arun M, Professor, Department of Forensic Medicine and Toxicology





WORLD NO TOBACCO DAY – 31-05-2024

World No Tobacco Day was observed in collaboration with the Department of Psychiatry, JSS Hospital, on May 31, 2024, at 12 pm. The chief guest was Dr. C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru. Posters on the dangers of tobacco use were displayed at JSS Hospital to create awareness regarding the health hazards related to tobacco use.
Mrs. Purohit Saraswati, Assistant Professor and HOD of the Department of Mental Health Nursing, conveyed the significance of World No Tobacco Day to the public at JSS Hospital. Dr. Kishore M., Professor of Psychiatry

at JSS Medical College and Hospital, Mysuru, delivered the keynote address on World No Tobacco Day. Dr. C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru, addressed the gathering regarding the importance of quitting tobacco and the associated health benefits. Prof. Aswathy Devi M.K., Principal of JSS College of Nursing, graced the program, as did Dr. Pradeep Kumar, Psychiatrist at JSS Hospital, Mysuru.

A role play was performed by II Semester BSc Nursing students under the guidance of Dr. Pradeep Kumar to create awareness regarding the effects of tobacco use among the public. Patients of JSS Hospital benefited from the program. Prizes for the winners of the poster-making competition were distributed during the event. The program concluded at 1 pm.





WORLD BLOOD DONOR DAY – 14-06-2024

World Blood Donor Day event was held at the School of Public Health, JSS Medical College, JSS AHER, on 14th June 2024 in collaboration between the School of Public Health and JSS Hospital Blood Center. The event was themed as "20 years of celebrating giving: thank you blood donors!", and was a profound success, bringing together guests, faculties and students to honor the selfless act of blood donation.

Totally 44 volunteers came forward to donate blood, however only 18 could donate as per the screening criteria. The donors included faculties, PhD scholars, students, and supportive staff from the School of Public Health, Department of Community Medicine, Department of Nutrition and Dietetics, Department of Health System Management Studies, and the Centre for Distance & Online Education. We extend our deepest gratitude to all the faculties, volunteers, students, PGs, technical staff, and nursing staff from JSS Hospital who participated and assisted in the smooth conduct of the event.





United Nations International Day Against Drug Abuse and Illicit Trafficking

On the occasion of United Nations International Day Against Drug Abuse and Illicit Trafficking on 26th June 2024 awareness Program at Dept of Psychiatry. Information Leaflets on Drugs was released by Chief Guest Dr.H.Basavana Gowdappa, Principal, JSSMC & Guest of Honour: Dr.C.P.Madhu, Medical Superintendent, JSS Hospital. Along with them Heads of Various Departments and Senior Faculty were present. The Information Leaflet e- copy is free for Circulation and each one has specific & useful information of that particular Drug including access to Free & Confidential Services are available.





ONE-DAY WORKSHOP - MAGICC – 28-07-2023



The Institution Innovation Council of JSS Medical College organised a one-day workshop MAGICC (Medical Hackathon Aimed towards Groundbreaking Innovation from Concept to Commercialization), for MBBS students to introduce healthcare innovation and entrepreneurship to aspiring medical professionals. Dr.Praveen Kulkarni, the Vice Principal, inaugurated the event, emphasising the importance of innovation in healthcare and encouraging students to submit their ideas to the YUKTHI portal for potential funding. Dr Shwethashree M, Assistant Professor of Community Medicine at JSSMC, led the Conceptualisation session, where students explored the Creation and Prototyping phase, guided by Mr Samyak Shah, representing 3 ZERO 3D PRINTING. After a refreshing tea break, Dr Raju C, a distinguished Professor from IIM Kozhikode, provided insights into the commercialisation aspect of healthcare innovation. Dr Balamuralidhara V, an Associate Professor & HOD at JSS College of Pharmacy, Mysuru, conducted a post-lunch session on Intellectual Property Rights. The workshop`s highlight was Session 5 - an enthralling Incubation Center Tour by Mr Praveen Kumar of SPARKLE CINE TEAM. Students had the opportunity to interact with real-life startup founders and healthcare innovators during the tour, which showcased cutting-edge technologies and inspiring success stories in healthcare innovation. The day concluded with a Q&A session, where participants sought clarifications and advice from the experts.

His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswmiji Annual Oration – 25-11-2023



His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswmiji Annual Oration 2023 was conferred to Dr.Chakravarthi Rangachari Srinivas, Professor and Head of the department of Dermatology at Kalinga Institute of Medical Sciences, Bhuvaneshwar. He spoke on the topic “A Dermatologist with no boundaries”. The occasion was graced by Registrar Dr Manjunatha, Principal Dr Basavana Gowdappa, Dr.Kanthraj, Prof. & HOD of Dermatology and Dr Manjunath Shetty, Chairman of Academic Society. The session was chaired by Dr.Jaydev B.Betkerur, Professor of Dermatology, Dr.Kushalappa former Director of Academics at JSSAHER, Dr.Veeranna, Professor of Dermatology.

JSSMC National Undergraduate Medical Conference
ASCLEPIUS 2023 - 20th & 21st Sept.2023



he sixth edition of Asclepius, the International Undergraduate Medical Conference hosted by JSS Medical College, Mysore, unfolded over four dynamic days, showcasing a diverse array of events that left an indelible mark on participants and attendees alike.

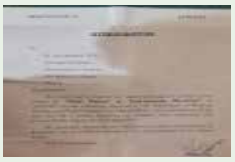
The conference featured a meticulously curated series of workshops, quizzes, presentations, and literary events, reflecting the multifaceted nature of medical education and practice. From hands-on surgical skills workshops to intellectually stimulating panel discussions on career pathways, Asclepius 2023 offered a holistic experience for aspiring healthcare professionals.

The conference witnessed the culmination of competitive spirit through engaging quizzes like Occam's Razor and the innovative Medical Shark Tank. These contests not only tested participants' medical knowledge but also fostered camaraderie and healthy competition among peers.

Adding a touch of creativity and fun to the academic atmosphere, events like Medical Taboo and Medical Pictionary provided participants with a break from intensive learning, promoting teamwork, vocabulary, and artistic expression.

Asclepius 2023 embraced a global perspective, with participants from different countries and states contributing to the rich tapestry of discussions and knowledge sharing. Asclepius 2023 concluded with a resounding success, leaving participants with enriched knowledge, lasting memories, and a sense of camaraderie. The conference not only achieved its goal of advancing medical education but also laid the groundwork for future editions, promising continued excellence in fostering learning and collaboration within the medical community

GUEST LECTURES BY JSSMC FACULT

Name of the faculty	Title	Date & Venue	Certificate / Photos
Dr M.V.Ravishankar	Guest Lecture on Neuroanatomy topic "White Matter	14th August 2023, Alva's Ayurveda Medical College, Moodabidri, Mangalore Tq.	
Dr. Vidya C.S.	Role of Anatomy in Yoga for Pathanjali Yoga trainers	19th August 2023 JSS Medical College, Mysuru	
Dr. Najma Mobin	Respiratory system for Yoga trainers	19th August 2023 JSS Medical College, Mysuru	
Dr. Deepa Bhat	Current status and future perspectives of precision medicine	01/09/2023 to 02/09/2023 JSS College of Pharmacy, Ooty	
Dr. Vidya CS	Nutrition week	2nd September 2023 JSS Medical College, Mysore	
Dr. Vidya CS	Development of face and its anomalies	8th& 9th Sept 2023 JSS Dental College, Mysuru.	
Dr. Najma Mobin	Anatomy of Blood supply to the head & neck regions.	8th& 9th Sept 2023 JSS Dental College, Mysuru.	
Dr. Vinutha S P	Basic Recap 2023 –	08/09/2023 and 09/09/2023 JSS Dental College & Hospital	

Dr. Pushpa.N. B	Basic Recap 2023	8th& 9th September 2023 JSS Dental College, Mysore	
Dr. Pushpa.N. B	Asclepius, National UG conference, 2023	8th& 9th September 2023 JSS Dental College, Mysore	
Dr. Vidya CS	Awareness of ICC in foundation course for I MBBS students	9th Sept 2023 JSS Medical College, Mysuru.	
Dr. Vidya CS	KCA conference, 2023	14th September 2023 Manipal Medical College, Manipal	
Dr. Vidya CS	Asclepius, National UG conference, 2023	20th September 2023 JSS Medical College, Mysore	
Dr. Pushpalatha K	Outcome based education	12th to 14th Oct 2023 Sri Balaji Medical College, Chennai	
Dr. Deepa Bhat	Panel Discussion on Role of Vaccination for left out children and adult living with SCD	3rd January 2024 NHM office, Bhopal-State level NHM SCD Conference, Madhya Pradesh	
Dr. Deepa Bhat	Genetic Counselling in Hemophilia	16th January 2024 Hemophilia Federation India Mysore Chapter	
Dr.Vidya C.S.	Basic Anatomy of respiratory system	6th February 2024 Quba Public school	

SKILL ENHANCEMENT THROUGH JSS AHER SKILL AND SIMULATION CENTRE

Date	Details of activity
03.07.2023 to 07.07.2023	**BLS Training for JSS School of Nursing students** was conducted in the month of July 2023. 88 students attended the course.  
06.07.2023	**Visit of TAIWAN students as part of student visit program**, BLS & IV line training for TAIWAN students was conducted in the month of July 2023. 22 students attended the course.  
10.08.2023	**Critical events- an adrenaline rush to Anaesthesiologists**. Department of Anaesthesia, JSS medical College, in association JSSAHER skill and simulation center, conducted the pre con workshop for the south zone conference of Anaesthesiologists (SZISACON)-2023 on 10th Aug 2023. The theme of the workshop was critical events- an adrenaline rush to anaesthesiologists. 37 delegates had registered for the workshop and we had 2 external faculties- Dr Lulu Sheriff Mahmood, professor in anaesthesiology and head of health care simulation, fr muller medical college, Mangalore and Dr Meghna Mukund, professor, dept of anaesthesia, chief coordinator, Actsyen, Yenopoya medical college hospital, Mangalore, the internal faculties included Dr Archana S, Dr. Sarika M shetty, Dr.Harish Kumar P, Dr Shivakumar, Dr Meghana M and Dr. Mamtha as subject experts.. Dr Archana S spoke on Anaesthesia non technical skills (ANTS) and its relevance in CRM. The delegates were divided into 5 groups of 6-7 students and each group were given a surprise emergency scenario where they had to perform on the manikin or standardized patient. 5 such scenarios namely, eclampsia, unanticipated difficult airway, local anaesthesia systemic toxicity(LAST) prior to lunch and neonatal resuscitation protocol (NRP) and massive transfusion protocol (MTP) in the post lunch period were given to the students. The technical and non technical skills were analyzed and discussed and its relevance explained. Hand outs of the various protocol in each of the case was given to the delegates. Workshop ended with feedback, certification and valedictory function.

	 
16.08.2023	**Essential clinical skills workshop for interns 2018-19 odd batch.** One day workshop on essential clinical skills was conducted at JSSAHER skill & simulation centre on 16.08.2023. 26 interns attended the workshop and underwent hands on training in procedural skills. Hands-on training sessions were conducted on Intravenous line insertion, Ryle's tube insertion, catheterisation, suturing, basic airway management, lumbar puncture, Normal delivery and IUCD insertion. They also had interactive lecture sessions on ECG interpretation, O2 therapy, nebulization, IV Fluid, blood transfusion, wound care management, POP application, splinting and hand wash techniques. 
10.07.2023 to 23.08.2023	BLS & ACLS Training for Interns 2018-19 regular batch was conducted in the month of July & August 2023. 179 students attended the course. 
23.08.2023 to 24.08.2023	Usage of ASL 5000 LUNG Module by skanray technologies for testing & validating their ventilator at JSS AHER skill & simulation center.

02.09.2023	Radiology workshop conducted by JSS hospital Radiology department at JSSAHER Skill & Simulation Center. 
09.09.2023	**FIRST AID AND BASIC LIFE SUPPORT TRAINING** conducted at JSS Medical college. Commemorating the 108th Jayanthi Celebration of His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji FIRST AID TRAINING AND BASIC LIFE SUPPORT hands on workshop was organized at JSS Medical college Sri Rajendra auditorium on 9th September at 2:PM. 108 registered participants from constituent colleges and university departments of JSSAHER actively participated in the event. Participants were familiarized with usage of AED machine and CPR technique. Emergency management of choking and how to relieve choking in adults & in children was demonstrated. Participants were later divided into 10 groups and hands on training was conducted on CPR using mannequins at Sri Rajendra auditorium. Each participant did CPR and was given feedback by instructors, Dr. Archana K N, Dr.Manthappa M, Dr.Vijaya Vageesh, Dr. Vinitha K R, Dr.Nagashree, Dr. Arpitha L, Dr. Venkatesh C R, Dr. Varsha, Dr. Nandini who are all AHA Certified BLS & ACLS instructors participated as faculty for the training. Certificates were issued to all the registered participants after successfully completing hands on training sessions.  
14.09.2023	**BLS for PALS candidates - AHA certified course** 11 participants from various medical colleges attended the course. 

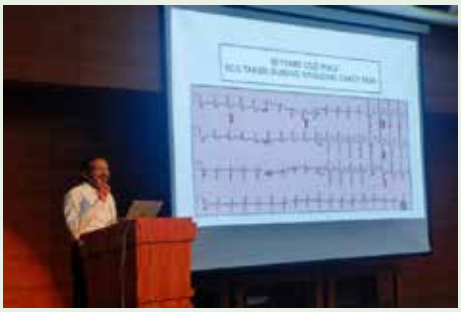
15.09.2023 to 16.09.2023	**IAP – PALS COURSE** Indian academy of Pediatrics accredited advanced life support course was conducted by JSS Medical college Pediatric department. 36 participants from various medical colleges attended the course. 
19.09.2023 to 20.09.2023	**UG MEDICAL CONFERENCE ASCLEPIUS 2023 SURGICAL WORKSHOP.** As a part of JSS Medical college national undergraduate medical conference 2023, Surgical suturing, IV line, Ryles tube, catheterization workshop was held on 19th & 20th September 2023. 20 members attended the workshop. 
21.09.2023	**UG MEDICAL CONFERENCE ASCLEPIUS 2023 BLS WORKSHOP.** AHA BLS training was done on September 2023. 5 participants attended the workshop.  
22.09.2023	Emergency ophthalmology workshop conducted by ophthalmology department, JSS Hospital Mysuru.15 students attended the course. 

30.09.2023	B.Sc., Allied health science perfusions technology students workshop. 12 students attended the course.  
09.10.2023 to 18.10.2023	**BLS & ACLS Training for Medical Interns** 2018-19 odd batch students was conducted in the month of October 2023(6 days) .29 interns & 07 outside students attended the course. 
12.10.2023	**GCP NDCT & Critical thinking workshop** The workshop was conducted by JSS Hospital CCRE, JSSAHER department at JSSAHER skill & simulation center.123 members attended the course. 
06.11.2023 to 10.11.2023	**BLS Training for JSS College of Nursing students** was conducted in the month of November 2023. 98 students attended the course.  

16.11.2023 to 17.11.2023	**Non – AHA BLS course for JSS Dental college** faculties was conducted in the month of November 2023. 74 faculties attended the course. 
20.11.2023 to 23.11.2023	**BLS Training for JSS College of Dental postgraduates** students was conducted in the month of November 2023. 89 students attended the course. 
28.11.2023	**Neonatal Basic life support workshop.** JSS College of Nursing, Department of Pediatric nursing conducted Neonatal Basic life support: Hands on approach to acquire resuscitation skills workshop held at JSSAHER skill & simulation center in the month of November 2023. 100 members attended the course. 
29.11.2023	**Monitoring in ICU workshop.** JSS College of Nursing department of Medical - Surgical nursing conducted Monitoring in ICU: Simulation based hands on workshop held at JSSAHER skill & simulation center in the month of November 2023. 47 members attended the course. 

02.01.2024 to 05.01.2024	**BLS & ACLS Training for JSS Medical college B.Sc., Technicians** 2019-20 batch students was conducted in the month of January 2024. 42 students attended the BLS course. & 26 students attended the ACLS course.  
04.01.2024	**JSS Ayurveda Medical college - orientation programme for 1st year BAMS students.** As a part of orientation programme students of JSS Ayurveda college visited JSSAHER skill & simulation Center. 
06.01.2024	**First aid & BLS training for faculty of school of life science JSSAHER.**   15 Staff members of school of life sciences attended.
08.01.2024 to 12.01.2024	BLS Training for JSS Ayurveda Medical college students was conducted in the month of January 2024. 99 students attended the course.  

17.01.2024 to 23.01.2024	**BLS & ACLS Training for JSS college of Pharmacy** students was conducted in the month of January 2024. 37 students attended the course.  
25.01.2024	**VAICON -2024** VAI, Venous Association of India is conducted 17th Annual Conference in Mysore. As part of the pre – conference a CME/workshop for post graduate students pursuing surgery was conducted at JSSAHER skill & simulation center on 25.01.2024 100 postgraduate's students of surgery from various medical colleges attended hands on workshop. Sessions was taken on venous anatomy & functional aspects Hands on training was done on vascular anastomosis of porcine Aorta, graft suturing, embolectomy & vascular instruments.  
01.02.2024 to 02.02.2024	BLS Training for JSS college of Physiotherapy MPT students was conducted in the month of February 2024. 37 students attended the course.  
16.02.2024	**ECG REFRESHER course for Interns & postgraduates of JSS Medical college** One day ECG refresher course was conducted for interns & postgraduates at SRCA JSS Hospital. 180 students participated in the workshop students were oriented from basics of Normal ECG to diagnosis and management of abnormal cardiac rhythms resource faculty included Dr. Y S Ravi Kumar, Dr.Basavana Gowdappa H, Dr. Manjappa M, Dr. Archana S, Dr. Sarika M Shetty, Dr. Dinesh G, Dr. Manthappa M, Dr. Mahesh M & Dr. Sunil Kumar S.

	 
12.02.2024 to 20.03.2024	**BLS & ACLS Training for Postgraduates 2023-24 batch** students was conducted in the month of February to March 2024. 162 students attended the course. 
28.03.2024	**First aid & BLS course for Allied health Science department of CTVS students**  
02.04.2024 & 03.04.2024	**ESSENTIAL CLINICAL SKILLS WORKSHOP FOR INTERNS 2019-2020 regular batch students.** Two days workshop on essential clinical skills was conducted at JSSAHER skill & simulation centre on 02.04.2024 & 03.04.2024. 175 interns attended the workshop and underwent hands on training in procedural skills. There was a lecture class on protocols to be followed during blood transfusion followed by skill training stations. Hands-on training sessions were conducted on Intravenous line insertion, Ryle's tube insertion, catheterisation, suturing, basic airway management, lumbar puncture, Non-invasive ventilation & centreline insertion. They also had hands on training on wound care management, POP application, splinting and aseptic techniques. Staff from departments of orthopaedics, general surgery, general medicines, Anaesthesia & critical care facilitated the workshop.  

04.04.2024 & 10.04.2024	**CPR Drill for JSS Hospital General Medicine department staff & PG'S boot up course.** All postgraduates and staff of General medicine department attended the course  
05.04.2024 & 12.04.2024	**CPR Drill classes for JSS Hospital Nursing staff** As a part of regular refresher training CPR drill classes are conducted to JSS Hospital Nursing staff in batches.  
15.04.2024	**Faculty development programme for JSS Medical college various department staffs.** One day faculty development of workshop was conducted for JSS Medical college staff as a part of continuous on-going internal faculty development programme. 15 staff members from department of General medicine, OBG, Anaesthesia, surgery, EMD, Paediatrics & geriatrics had attended the programme. Staff were trained on methodology of skill training and implementation of skill and simulation into medical curriculum as per CBME.  
04.05.2024	**JSS college of women Chamarajanagar visited to JSSAHER Skill & simulation centre for orientation programme towards JSSAHER.**  

13.05.2024 to 15.05.2024	**Cardiac Emergencies – A hands on approach** Simulation based workshop on cardiac emergencies was conducted by Department of Nursing foundation JSS College of Nursing due to overwhelming registrations workshop was conducted for 3 days each day having more than 90 registrations. Participants were from various nursing colleges including Mysore, Hassan, Kodagu, Chamarajanagar and Kollegal. Hands on sessions were taken on BLS, ACLS, acute coronary syndrome and primary and secondary assessment in emergency resource faculties were Dr. Archana S Dr. Sarika M Shetty and Dr. Adarsh S B. Total 297 students attended the workshop.  
17.05.2024	**Mastering Surgical Skills – Hands on workshop** The hands – on workshop was conducted for Nursing students with simulation based skills in handling surgical Instruments, sutures and equipments and wound dressing. 104 students from JSS College of Nursing attended the workshop.  
24.05.2024	**Basic NRP Workshop** Basic NRP course was conducted at JSSAHER Skill & Simulation centre on 24th October 2024, 29 participants completed the course successfully. This was conducted in Association with JSS Ayurvedic medical college and IAP – Mysuru. The participants were the faculty and postgraduates from ayurvedic college and postgraduates from JSS medical college, Mysore. There were Five trained faculty in the workshop (Dr. Deepti, Dr. Sushma, Dr. Pradeep, Dr. K Prajwala, Dr. Srinivas).  

27.05.2024 to 29.05.2024	BLS & ACLS Training for super speciality 2023-24 batch students was conducted in the month of May 2024. 11 students attended the course.  
08.06.2024	**Simulation based hands on workshop on "MEDICAL EMERGENCIES – TREAT WITH PRECISION"** The department of General Medicine, JSS Medical College & Hospital in association with JSS Skill & Simulation Centre, JSS AHER conducted one day "Simulation Based Hands – On Workshop" on Medical Emergencies on 8th June 2024 for medical Interns. It was an unique and a value added programme. Nearly 20 medical interns participated from JSS Medical College and from other Medical Colleges. Simulation scenarios included Diabetic Ketoacidosis Acute Severe Asthma, Acute Coronary Syndrome, Organophosphorus compound poisoning and different types of shock. Students learnt to handle these medical emergencies and it instilled confidence in them to handle the cases independently. Dr.Tandure Varsha, Dr.Nandini.K were the facilitators for simulation scenarios from medicine department. Dr.Archana.S was the facilitator from JSS skill and simulation centre. Students learnt to diagnose the condition, send appropriate investigations, calculate correct doses and administer them properly. They learnt to monitor the patients in different scenarios. Students were happy to experience such an unique method of teaching and practice and enjoyed the learning experience. Students learnt how to work as a team in emergency situations and improve the survival of the patients. Hence forth it is planned to conduct such workshops regularly.  
13.06.2024	**ESSENTIAL CLINICAL SKILLS WORKSHOP FOR INTERNS 2019-2020 ODD batch students.** One day workshop on essential clinical skills was conducted for Interns 2019-20 odd batch at JSSAHER skill & simulation centre on 13.06.2024. 20 interns attended the workshop and underwent hands on training in procedural skills. There was a lecture class on protocols to be followed during blood transfusion followed by skill training stations.

Hands-on training sessions were conducted on Intravenous line insertion, Ryle's tube insertion, catheterisation, suturing, basic airway management, lumbar puncture, Non-invasive ventilation & centreline insertion. They also had hands on training on wound care management, POP application, splinting and aseptic techniques.

Staff from departments of orthopaedics, general surgery, general medicine, Anaesthesia & critical care facilitated the workshop.





INTERNATIONAL VISITS BY FACULTY/STUDENTS



1. Ms. Dhanalakshmi, III Semester student of MPH participated as delegate in Eccar, Pollica, UNESCO from 3rd to 9th Sept.2023.



2. Dr. Anita Shyam; MBBS, M.D. Psychiatry; currently practicing in USA presented a lecture on Relevance of sexual medicine in clinical practice at SRCA, JSS Hospital Mysuru on 4th September 2023



3. Dr Manjula B.P., Professor, Dept. of Anaesthesiology presented a paper titled Lung protective ventilation during anaesthesia" at Singapore on 8th & 9th September 2023.



4. Dr. MVSST Subba Rao & Dr. Rajesh Kumar T, Professors, Department of Biochemistry participated in Indo-Sweden Workshop on Household Air Pollution and Health as delegates at Karolinska Institute, Stockholm, Sweden from 25th to 29th September 2023.


12th SOUTH ASIAN REGIONAL CONFERENCE OF DERMATOLOGY, VENEREOLOGY & LEPROLOGY

hosted by

SRI LANKA COLLEGE OF DERMATOLOGISTS

Certificate for e-Poster Presentation

is awarded to

Dr Prathyusha Papishetty

for presenting the poster titled

Understanding and successful management of acute methotrexate toxicity: a case series

at the above conference held on

6th & 7th October 2023 at the Galadari Hotel, Colombo, Sri Lanka

5. Dr. Prathyusha Papishetty, PG, Dept. of Dermatology presented a poster titled “Understanding and successful management of acute methotrexate toxicity: a case series” at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023.


12th SOUTH ASIAN REGIONAL CONFERENCE OF DERMATOLOGY, VENEREOLOGY & LEPROLOGY

hosted by

SRI LANKA COLLEGE OF DERMATOLOGISTS

Certificate for Free Paper Presentation

is awarded to

Dr T K Kumar

for presenting the free paper titled

SQS: A tool for assessing patient satisfaction after vitiligo surgery

at the above conference held on

6th & 7th October 2023 at the Galadari Hotel, Colombo, Sri Lanka

6. Dr.Tanmayi Komal, PG, Dept. of Dermatology presented a poster titled “SQS: a tool for assessing patient satisfaction after vitiligo surgery” at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023.


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SRI LANKA COLLEGE OF DERMATOLOGISTS

Certificate for e-Poster Presentation

is awarded to

Dr C Aradita

for presenting the poster titled

Clinico-dermoscopic and histopathological features of sweet's syndrome: a case series

at the above conference held on

6th & 7th October 2023 at the Galadari Hotel, Colombo, Sri Lanka

7. Dr.C Aradita, PG, Dept. of Dermatology presented a poster titled “Clinico-dermoscopic and histopathological features of sweet’syndrome” at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023


conferenceseries.com

Certificate of Recognition

Amulya Manohar Bhotambatla

8. Dr.Amulya T.M., Senior Resident, Dept. of ENT presented paper on Novel Drug eluting nasal stents at our experience on 10th Nov.2023 through online mode.



9. Dr.Sowrabha.R, Assistant Professor of Nephrology & Dr.Vamshi Dharan, Senior Resident, 2nd year, DM-Nephrology participated as a delegate in the International conference on Glomerular disease study and trial consortium, Tokyo on Oct.2023. Both of them had received Travel grant from International Society of Nephrology for Primer on Glomerular Diseases, Tokyo 2023- 450 USD


CERTIFICATE OF APPRECIATION

Dr H Basavana Gowdappa

"Health Delivery Systems in an Emerging Economy and Role of Innovation for Cost Effective Delivery: A Case Study from India"

at the International Conference on

"Improving Efficiency and Effectiveness in Health Delivery Systems in Developing Countries: Research, Implementation and Policy Issues"

10. Dr.Basavana Gowdappa, Principal & Professor of Medicine delivered a keynote lecture on “Health Delivery system in an Emerging Economy role of innovation for cost Effective Delivery: A case study from India” during International conference on Improving Efficiency and Effectiveness in Health Delivery Systems in Developing countries held from 21st to 23rd Nov.2023 at Pearle Beach Resort, Flic en Flac, Mauritius.

Dr.Vidya C.S.	Descriptive Dissection of Central Nervous System-cerebellum	6th March 2024 Department of Rachana Sharira, JSS Ayurveda Medical College and Hospital, Mysuru	
Dr.Poonam D.N.	Descriptive Dissection of Central Nervous System-Spinal Cord	6th March 2024 Department of Rachana Sharira, JSS Ayurveda Medical College and Hospital, Mysuru	
Dr.Shivaprakash S.	Descriptive Dissection of Central Nervous System-Brainstem	6th March 2024 Department of Rachana Sharira, JSS Ayurveda Medical College and Hospital, Mysuru	
Dr.Vidya C.S.	Gross Anatomy of Spinal cord	21st May 2024 JSS Ayurveda Medical College, Mysore	
Dr. Deepa Bhat	Unlocking Precision Medicine: Exploring the Clinical Utility of LC-MS in Diagnosis and Treatment	8th May 2024 Sri Rajendra Centenary Auditorium, JSS Hospital. Organized by Department of Biochemistry (DST-FIST supported) & Department of Genetics, JSSMC.	
Dr.Shivaprakash S.	RACHANAVADHANA 2024- An Exam Orientation Programme	21st May 2024 Department of Rachana Sharira, JSS Ayurveda Medical College and Hospital, Mysuru	
Dr. Vijaya Vageesh Y	Out come based education -MEU	26th Sept 2023 MEU, AIMS, Bellur	
Dr.Vijaya Vageesh Y	Kriya sameeksha-seminar on concept of Agni and Srotas	24th February 2024 JSS Ayurveda Medical College, Mysuru	

Dr.Vijaya Vageesh Y	Career advancement for allied health professional courses	29th April 2024 Sadvidya Composite College, Vijayanagar, Mysuru	
Dr. Akila Prashant	CME on Maternal Serum markers for Prenatal screening	2nd July 2023 Medical College, Baroda	
Dr. Prashant Vishwanath	CME on Basic Panel for Newborn screening	2nd July 2023 Medical College, Baroda	
Dr. MVSST SubbaRao	Millet derived molecules in the management of malignant tumor, IADCA-JSS AHER Symposim	03rd July 2023 JSS AHER	
Dr. Rajesh Kumar T	Human Papillomavirus modulate NRF2 signaling in Head & Neck cancers: biomarker for patient prognosis and de-escalation therapy- IADCA-JSS AHER Symposim	03rd July 2023 JSS AHER	
Dr. Prasanna Kumar S	Hepatocellular Carcinoma and its Preventive and therapeutic strategies, IADCA-JSS AHER Symposim	03rd July 2023 JSS AHER	
Dr. Divya P Kumar	Metabolic Mayhem:Deci-phering Molecular Mech-anisms of NAFLD, IAD-CA-JSS AHER Symposim	03rd July 2023 JSS AHER	
Dr. Kusuma K S	10 days orientation course on Allopathy Medicine	3rd to 14th July 2023 Department of Health, Central Tibetan Administration	
Dr. Abhijith D	10 days orientation course on Allopathy Medicine	3rd to 14th July 2023 Department of Health, Central Tibetan Administration	

Dr. MVSST Subba Rao	JNANESHANA-2023	18th & 19th July 2023 ESCO Life sciences group	
Dr. MVSST SubbaRao	Seminar Biological Safety Awareness	21st July 2023 ESCO Lifesciences group	
Dr. Prasanna Kumar S	Cancer	21st July 2023 Hampi	
Dr. Divya P Kumar	YI HUDDLE	28th July 2023	
Dr. Rajesh Kumar T	FDP on Advancement in Biological Sciences for the sustainable development in agriculture, Health and allied sectors	7th to 11th August 2023. REVA University, Bengaluru	
Dr. Divya P Kumar	Liver Metabolism & Diseases Group	22nd August 2023 NPSI, Mysuru	
Dr. Akila Prashant	Two days National Seminar on Current Status and Future Perspectives of Precision Medicine	1st& 2nd September 2023 JSS College of Pharmacy, Ooty	
Dr. Kusuma K S	Basic Recap 2023	8th& 9th September 2023. JSS Dental College & Hospital, Mysuru	
Dr. Akila Prashant	49th ACBICON 2023 KERALA	14th to 16th September 2023 Al Saj Convention Centre, Kazhakkottam, Thiruvananthapuram	

Dr. Divya P Kumar	Sci-ROI Annual Event 2023	30th Sep & 1st Oct 2023 St. Jude Children's Research Hospital, Memphis, Tennessee, USA	
Dr. Akila Prashant	Guest lecture on Precision Medicine in cardiovascular disorders	13th October 2023 UPES University in Dehradun, Uttarakhand	
Dr. MVSST SubbaRao	DST-SERB sponsored International Conference on Genetics and Epigenetics of Cancer	30th& 31st October 2023. School of Life Sciences, Mysuru	
Dr. Rajesh Kumar T	DST-SERB sponsored International Conference on Genetics and Epigenetics of Cancer	30th& 31st October 2023. School of Life Sciences, Mysuru	
Dr. MVSST SubbaRao	The Research Chronicle: a DST-SERB sponsored workshop	7th& 8th November 2023 JSS Dental College & Hospital, Mysuru	
Dr. Akila Prashant	Workshop on Anti-cancer agents: Screening to signaling mechanisms	20th to 24th November 2023 JSS Medical College, Mysuru	
Dr. MVSST Subba Rao	Workshop on Anti-cancer agents: Screening to signaling mechanisms	20th to 24th November 2023 JSS Medical College, Mysuru	
Dr. Rajesh Kumar T	Workshop on Anti-cancer agents: Screening to signaling mechanisms	20th to 24th November 2023 JSS Medical College, Mysuru	
Dr. Divya P Kumar	Workshop on Anti-cancer agents: Screening to signaling mechanisms	20th to 24th November 2023 JSS Medical College, Mysuru	

Dr Rajesh Kumar T	Anti-ferroptotic, Nrf2 activation and hydroperoxide degradation effects of piper betel: Potential therapeutics for skin diseases.	7th to 9th December 2023 JSS School of Life Sciences, JSS AHER	
Dr. MVSST SubbaRao	Nutrithink Nexus Bengaluru Chapter Conference	12th& 13th December 2023 The Chancery Pavilion, Bengaluru	
Dr. Prasanna Kumar S	Nutraceuticals. for inflammatory diseases and cancer	22nd& 23rd December 2023 NMAM Institute of Technology, Nitte	
Dr Rajesh Kumar T	Lipid peroxidation index of particulate matter	25th to 29th September 2023	
Dr. Prashant Vishwanath	Dr. Akhouri S Sinha Presidential Oration- From Genes to Microbes: Decoding COPD Complexity for Enhanced Diagnosis and Intervention	14th to 16th December 2023 CIDCO Convention Centre, Navi Mumbai	
Dr. Akila Prashant	Dr.S Gopalakrishnan Oration: Unravelling the Mysteries: Rare Disease Research & Therapeutics	14th to 16th December 2023 CIDCO Convention Centre, Navi Mumbai	
Dr.M.V.S.S.T SubbaRao	Methods of Assessing Cytotoxicity	3rd January 2024 Departments of Biochemistry JSS Medical College, JSS AHER	
Dr. Divya P Kumar	43rd Annual Conference of the Indian Association for cancer research	19th to 22nd January 2024 IISER Pune	
Dr. Divya P Kumar	Lifestyle choices for healthy liver	30th January 2024 Sri Geetha high school, Bengaluru	

Dr. Divya P Kumar	Virtual Town Hall The revised Ramalingaswami Re-entry fellowships: opportunities and challenges	31st January 2024	
Dr. Divya P Kumar	PRAYOJAN 2024	2024	
Dr. Akila Prashant	Research, Idea generation and conceptualization of research idea – workshop on Research methodology & statistics	26th to 28th February 2024 Sarada Vilas College of Pharmacy, Mysuru	
Dr. Prasanna Kumar S	Dr. Rajaramanna's Life and his achievements. 26th February, 2024. National Science Week, Organized by Mysore Science Foundation (online).	26th February 2024	
Dr. Prasanna Kumar S	Recent advances and career avenues in Biotechnology	27th February 2024 Maharani's Science College For Women, Mysore	
Dr. Prasanna Kumar S	National Science Day-2024	29th February 2024 School of Interior Design, Dept of Kannada,, Bengaluru	
Dr. Prasanna Kumar S	Indigenous Philosophies for Rashtriya Vicha Bharat	29th February 2024 Shakthidhama, Mysuru	
Dr. Kusuma K S	Special Lecture on Premenstrual Syndrome to Women	3rd March 2024 Centre for Health Information, Mysore	

Dr. Rajesh Kumar T	16th Refresher course in life sciences	6th March 2024 UGC-Human Resource Development Centre, University of Mysore, Mysuru	
Dr.M.V.S.S.T Subba Rao	Targeting Oxidative Stress Signaling Cascades using Phytochemicals for Prevention and Treatment of Cancers	March 14th 2024 SDM Mahila Mahavidyalaya, Mysuru	
Dr. Prashant Vishwanath	Two days National level Conference on Biochemistry Emerging science and Technology	14th and 15th March 2024 MMK & SDM Makila Mahavidyalaya, Mysuru	
Dr. Prasanna Kumar S.	Vitamin D mimicking role of Quercetin and its potential effect in ameliorating metabolic syndrome and breast cancer induced liver injury	20th March, 2024 World Cancer Congress on Integrative medicine and Translation Research in Cancer–2024 18th-20th March, 2024, Jawaharlal Nehru University, Delhi, India	
Dr.M.V.S.S.T SubbaRao	Grant Writing	23rd March 2024 School of Public Health, JSS Medical College and Hospital, JSS AHER,	
Dr. Akila Prashant	One day workshop	30th March 2024 Board of genetic counseling, Telangana	
Dr. Akila Prashant	3rd National Postgraduate Update cum CME	26th to 28th April 2024 Government Medical College & Hospital, Chandigarh	
Dr. Prashant Vishwanath	Strategies to strengthen the institutional capacities for Quality, Ranking and Accreditation	4th& 5th April 2024 Institute for Academic Excellence (IAE), Hyderabad	

Dr. Kusuma K S	Special Lecture on Health and Well Being for young Women	16th May 2024 Govt. Women's College, Mandya	
Dr.M.V.S.S.T Subba Rao	Understanding Cancer: Basics to Bedside Therapies	2nd May 2024 St Philomena's College (Autonomous), Mysore	
Pharmacology			
Dr. Prathima.C	Protocol Writing	05.07.2023 MEU Room, II floor. JSSMC	
Dr. Prathima.C	Pharmacokinetics and Drug interactions	08-09-2023 JSS Dental College, Mysore	
Dr. Manu.G	Antibiotics	08-09-2023 JSS Dental College, Mysore	
Dr. Prathima.C	EC functioning, Revised ICMR guidelines, vulnerable population, confidentiality and Subject Rights and duties in clinical research	12.10.2023 Simulation lab, JSS Hospital	
Dr. Prathima.C	Ethics in clinical research	5th March 2024 JSS College of Pharmacy, Mysuru	
Dr. Kalabharathi.H.L	Vrutti Darshan -10th Episode-2024	15th March 2024 Rajendra Centenary auditorium, JSS Hospital, Mysuru	
Dr. Rajalakshmi B R	Delivered guest lecture to the "Sowa- Rigpa Doctors during the 10days orientation course on Allopathy Medicine".	11th July 2023 Bylakuppe	

Dr. Suchitha S	Panel discussion on "Papillary and Follicular Tumor"	06.08.2023. (online)	
Dr. Pallavi P	Transfusion Medicine - Back to Basics	17th & 18th August 2023 SPARSH Hospital, Yeshwanthpur, Bangalore.	
Dr. Rajalakshmi B R	"CUBE HDMI 2023"	9th& 10th Sept 2023 Bangalore	
Dr. Archana M	"CUBE HDMI 2023"	9th& 10th Sept 2023 (Online)	
Dr. Pallavi P	National conference on Pain & Inflammation	29th of September – 2023 SRC Auditorium	
Dr Sheela devi C.S.	Slide Seminar on Head and Neck Cases.	6th to 8th October 2023 Father Muller Convention Center, Mangaluru.	
Dr. Vijaya B	Clinico- Pathology Cases, FeFCon 2023- Virtual,	17th, 18th, 19th Nov 2023. Physicians Hall	
Dr.Vijaya B.	Medicine- Neuro Update 2024	9th and 10th February 2024. MMC & RI	
Dr. Suchitha S	Felicitated on women's day -	9th March 2024 Vokkaliga Women's association.	
Dr. Sheeladevi C S	Pathology-Past, Present and Future	20th March 2024 JSS Dental College & Hospital	

Dr.Vijaya B.	PATHDERMA	18th April 2024 CDSIMER	
Dr. Sheeladevi C S	IHC Basics and Interpretation- workshop	1st June 2024 CIMS, Chamarajanagara	
Dr. Suchitha S	IHC Basics and Interpretation- workshop	1st June 2024 CIMS, Chamarajanagara	
Microbiology			
Dr. Ranjitha Shankare Gowda	Interpretation of Microbiology reports	11-7-2023 Tibetan camp, Bylakuppe	
Dr Vidyavathi B Chitharagi	Nosocomial infections- Prevention bundles	10th August 2023 MMCRI, Mysuru 	
Dr Vidyavathi B Chitharagi	Culture media and Molecular methods	8th September 2023 JSSDC, JSSAHER, Mysuru 	
Dr. Rashmi P Mahale, Dr. Ranjitha Shankare Gowda	Basic recap 2023	8th and 9th September 2023 JSS Dental College, Mysore	
Dr. Rashmi P Mahale, Dr. Ranjitha Shankare Gowda, Dr. Vidyavathi B Chitharagi Dr. Deepashree R	Foundation course for 1st MBBS students of 2023-24 batch	9th to 16th September 2023 JSS Medical college, Mysore	

Dr Vidyavathi B Chitharagi	Pandemic module 1- History of pandemics, outbreaks	12th September 2023 JSSMC, JSSAHER, Mysuru	
Dr Sumana MN, Dr Tejashree A, Dr Rashmi P Mahale, Dr. Sowmya G S, Dr Raghavendra, Dr. Ranjitha Shankare Gowda, Dr Vidyavathi BC, Dr Deepashree R, Dr Sujatha SR, Dr Neetha S Murthy, Dr B Satya Sai , Dr Krishna Karthik, Mr Vinay Kuamr V, Dr Suprasanna, Mr Yogeesh M	ASCLEPIUS 2023	20th to 23rd September 2023 JSS Medical College 	
Dr. Sowmya G S	Workshop on microbiological techniques	20th to 23rd September 2023 JSS Hospital	
Dr. Vidyavathi B C	Clinical interpretation of conventional method of Antibiotic Sensitivity Testing (Disk diffusion)	24th Sep 2023. Hotel Grand Mercure.	
Dr. Deepashree R	Interpretation of AST results by Automated methods – MIC values	24th Sep 2023. Hotel Grand Mercure.	
Dr. M Raghavendra Rao	Antibiotic policy: Steering through the super bugs" in the "2nd Academic Meet-IAMM-KC" programme on "Outsmarting infection: conquering emerging threats in hospital setting	06th Oct 2023 Adichunchanagiri Institute of Medical Sciences.	

Dr. M N Sumana Dr. Rashmi P Mahale, Dr. Deepashree R	CME on Infection prevention week- hospital acquired infection surveillance	17th October 2023 Rajedra Auditorium, JSS Hospital	
Dr.Deepashree R	CLSI Updates - 2023	17 Nov 2023 Stanley Medical College, Chennai	
Dr.Deepashree R	IPC in TB	23rd Nov 2023 JSS Medical College, Mysore	
Dr. Ranjitha Shankare Gowda	Culture and non culture based methods of diagnosis of community acquired pneumonia	28th February 2024 Online lecture (Adichunchanagiri Institute of Medical Sciences, Bellur)	
Dr. Ranjitha Shankare Gowda	Vrutti Darshan-JSS Ayurveda Medical College Microbial concepts of Infection	15th March 2024 SRCA, JSS Hospital	
Dr Deepashree R	HAI Surveillance	15th March 2024 Webinar Mode (SRMC, Chennai)	
Dr.Sowmya G.S.	Basic course in Medical Education	From 4th to 6th June 2024 MEU, JSS Medical College	
Community Medicine			
Dr Praveen Kulkarni	CD4 of Educational Format	4th July 2023 Yenepoya University, Mangalore	
Dr Praveen Kulkarni	JNANESHANA	18th and 19th July 2023 Government Ayurveda Medical College, Mysuru	
Dr Praveen Kulkarni	Triple P: Protocol, Project and Publication	1st to 5th August 2023 JSS College of Pharmacy,	
Dr Smitha M C	Health care delivery systems in India	10th and 11th August 2023	
Dr Mythily M R	Orientation for Community Medicine Postings	10th August 2023 JSS Hospital, Mysuru	

Dr Smitha M C	Health care delivery systems in India	10th and 11th August 2023 (Online)	
Dr Mythily M R	Food borne infections	16th and 17th August 2023	
Dr Sunita Singh	Environmental sanitation and safety	18th and 19thAugust 2023	
Dr Kavya G Upadhya	Communicable diseases	21st and 22nd August 2023	
Dr Praveen Kulkarni	Randomization and blinding in research	25th August 2023 JSS College of Physiotherapy	
Dr Praveen Kulkarni	Child and Adolescent Nutrition	4th September 2023 Radio talk	
Dr Mythily M R	Nutritious food for longevity	5th September 2023 Radio talk	
Dr Shweta N Kurkuri	Nutrition: Myths and Facts	7th September 2023 Radio talk	
Dr Praveen Kulkarni	Basic Recap	8th and 9th September 2023 JSS Dental College and Hospital	
Dr Mythily M R	Foundation Course of 1st year MBBS National Health Policies	9th to 16th September 2023 JSS Medical College	
Dr Shweta N Kurkuri	Foundation Course of 1st year MBBS Universal Precautions and vaccination	9th to 16th September 2023 JSS Medical College	
Dr Rashmi S	Foundation Course of 1st year MBBS Physicians role in the society	9th to 16th September 2023 JSS Medical College	
Dr Sunita Singh	Foundation Course of 1st year MBBS Principles of Primary care	9th to 16th September 2023 JSS Medical College	
Dr Sunil Kumar D	Chair person: EFICON 2023	30th September and 1st October 2023 Goa Medical College, Goa	

Dr Mythily M R	Reference management	16th to 18th November 2023 Mandya Institute of Medical Sciences	
Dr Shwethashree M	Resource person International TB Conclave2023 Preconference workshop: Digital Health and AI in Tuberculosis	22nd November 2023 JSS Medical College, Mysuru	
Dr Shwethashree M	International Conference on ONE HEALTH: Biotechnology as a catalyst for sustainable development	22nd November 2023 JSS Medical College, Mysuru	
Dr Nayana Shabadi	Resource person International TB Conclave2023 Preconference workshop	22nd November 2023. JSS Medical College, Mysuru	
Dr Smitha M C	: International TB Conclave2023	23rd and 24th November 2023 JSS Medical College, Mysuru	
Dr Shwethashree M	International TB Conclave2023	23rd and 24th November 2023 JSS Medical College, Mysuru	
Dr Amoghashree	NACP: World AIDS Day	5th December 2023 JSS Nursing College, Chamarajnagar	
Dr. Rashmi S	Let Communities lead: World AIDS Day	5th December 2023 JSS Nursing College, Chamarajnagar	
Dr Smitha M C	Measuring impact and monitoring in CBR: Strategies for evaluating and measuring the impact of CBR Program	15th December 2023 JSS Institute of speech and hearing,, Mysuru	
Dr Praveen Kulkarni	Study designs	21st December 2023 JSS Hospital, Mysuru	

Dr Shwethashree M	How to write a research question	21st December 2023 JSS Hospital, Mysuru	
Dr Mythily M R	Sampling techniques	21st December 2023 JSS Hospital, Mysuru	
Dr Smitha M C	Effects of globalization and introduction to Global Health	30th December 2023 SVYM, Mysuru	
Dr. Rama H.V	Radio talk on Experiences and changes in Womens health	8th March 2024 All India Radio, Mysuru	
Dr. Rama H.V	Women's Health	30th March 2024 Suttur	
Dr Mythily M R	Interns orientation program	1st April 2024 JSS Medical College	
Dr Smitha M.C.	World Health Day-2024	6th April 2024	
Dr Amoghashree	Cholera	8th April 2024 JSS College of Pharmacy	
Dr Smitha M.C.	Study abroad Program	18th June 2024 Public Health Research Institute of India	
Dr Anil S Bilimale	Part of panel discussion on Global hand Washing Day by SIRD and Unicef	16-10-2023	
Dr Anil S Bilimale	Creation of Blue Zone Cohort in India: JSS Pancha Mantra for Longevity	14th February 2024 JSS Academy of Technical Education, Noida	
Dr Anil S Bilimale	Research Methodology in Yoga	27th and 28th April 2024 JSS Hospital, Mysuru	

Dr. Arun M	Criminology and Law: A Medical Interface	20.07.2023 Adichuchanagiri Institute of Medical sciences B.G.Nagar, Mandya	
Dr. Chandrakanth H V	Fundamentals of Forensic Medicine	21.08.2023 Dept of Life Science, University of Calicut, Kerala Police Academy, Thrissur	
Dr. G B Aravind	Application of AI in Forensic Science	21.08.2023 Dept of Life Science, University of Calicut, Kerala Police Academy, Thrissur	
Dr. G B Aravind	Concepts and Career Opportunities in Forensic Science	22.09.2023 Division of Physical Science Karunya Deemed University, Bengaluru	
Dr. Smitha Rani	Opportunities beyond curriculum	13.10.2023 JSS Medical College, Mysuru	
Dr. Arun M	Medico Legal aspects and role of Forensic Expert in Reproductive Medicine	02.12.2023	
Dr. Arun M	Medical Jurisprudence and Toxicology	11.12.2023 Maharani Women College, Mysuru	

Dr. G B Aravind	Best practices in south East Asian and Austrian prisons	From 2nd to 6th January 2024 Prison staff training Institute, Department of Prisons and correctional Service , Mysuru	
Dr. G B Aravind	Workshop On Advancements in New Psychoactive Substance Analyses Unveiling Detection Strategies	11th and 12th January 2024 University of Calicut, Department of Forensic Science, Kerala Police Academy, Thrissur, Kerala	
Dr. G B Aravind	Laws and regulations of information technology Act-2000, Various ways of safe ways of guarding measures in cyber space, Importance of being in the cyber space.	From 30th January to 3rd February 2024 Prison staff training Institute, Department of Prisons and correctional Service , Mysuru	
Dr. G B Aravind	Usage of electronic Gadgets for security	From 5th to 09th Feb 2024 Prison staff training Institute, Department of Prisons and correctional Service , Mysuru	
Dr. G B Aravind	Technology in Dealing with Prison Emergencies	From 12th to 16th February 2024 Prison staff training Institute, Department of Prisons and correctional Service , Mysuru	
Dr. Smitha Rani	Forensic Medicine	12th April 2024 Police Training School, Mysuru	
Dr. Smitha Rani	Objectives of Medico legal Investigation	20th February 2024 National Forensic Science University	

Dr. G B Aravind	Prison Security and technology in dealing with Prison Emergencies	From 26th to 28th February 2024. Prison staff training Institute, Department of Prisons and correctional Service, Mysuru	
Dr. G B Aravind	Prison Security and technology in dealing with Prison Emergencies	From 4th to 6th Mar 2024 Prison staff training Institute, Department of Prisons and correctional Service, Mysuru	
Dr. G B Aravind	Prison Security and technology in dealing with Prison Emergencies	11th to 13th Mar 2024 Prison staff training Institute, Department of Prisons and correctional Service, Mysuru	
Dr. Smitha Rani	Forensic Medicine	20th May 2024 Police Training School, Mysuru	
Dr. Smitha Rani	Forensic Aspects in Crime Associated with Sever Mental Illness	24th May 2024 JSS Medical College, Mysuru	
Dr.Y.S.Ravikumar	Targage CME - Recent Indian eveidence on telmisartan – Start ABPM & UACR study	21. 07.2023 Mysuru	
Dr.H.Basavana Gowdappa	KAPICON 2023 - “Newer Guidelines in management of heart failure	11th to 13thAugust 2023 Ballari 	
Dr.Y.S.Ravikumar	KAPICON 2023 - Topic: Interpretation of Laboratory parameters in connective tissue disorders	11th to 13thAugust 2023 Ballari 	

Dr.B.J.Subhash Chandra	KAPICON 2023 - Pre operative clearance – Physicians role	11th to 13thAugust 2023, Ballari 	
Dr.K.M.Srinath	KAPICON 2023 - Topic: Hypertriglyceridemia – practical approach	11th to 13thAugust 2023 Ballari 	
Dr.K.C.Shashidhara	KAPICON 2023	11th to 13thAugust 2023, Ballari 	
Dr.H.Basavana Gowdappa	Cardiological Society of India - Micro vascular diabetic complications	27.08.2023 Mysuru	
Dr.H.Basavana Gowdappa	CME - Disha Cardiometabolic summit 2023 - Intricate Connection between Thyroid and Diabetes at DISHA 2023	24.09.2023 Bangalore	
Dr.Y.S.Ravikumar	CME Programme on International Infection Prevention Week 2023	17.10.2023 SRCA, JSS Hospital 	
Dr.Ashok.P	CME Programme on International Infection Prevention Week 2023	17.10.2023 SRCA, JSS Hospital 	

Dr.H.Basavana Gowdappa	Medical Education and Research Trust® Association of Physicain of India 44th CME Programme in internal medicine & Prof. Dr.K.S.S APPA Memorial XX National symposium in cardiology - Adult Vaccination	26.10.2023 to 01.11.2023 Bangalore 	
Dr.H.Basavana Gowdappa	RSSDI	16th to 19th November 2023 Mumbai	 
Dr.H.Basavana Gowdappa	International conference on Improving Efficiency and Effectiveness in Health Delivery Systems in Developing countries: Research, Implementation and Policy Issues”	21st to 23rd November 2023 Pearle Beach Resort, Flic en Flac, Mauritius	
Dr.Y.S.Ravikumar	Centenary Celebration Medicine Update – 2024 organized by Mysore Physicians Medical & Research Trust ® in collaboration with Department of Medicine, MMCRI & JSSMC, API, Mysore Chapter	12th, 13th& 14th January 2024 Mysuru	
Dr.H.Basavana Gowdappa	APICON 2024 79th Annual Conference of the Association of Physician of India Gave a talk on “Disease Modifying antirheumatic Drugs in Pregnancy and Lactation”	22nd to 25th February 2024 New Delhi	

Dr.K.M.Srinath	APICON 2024 79th Annual Conference of the Association of Physician of India Delivered a talk on Monogenic Diabetes	22nd to 25th February 2024 New Delhi	
Dr.K.C.Shashidhara	APICON 2024 79th Annual Conference of the Association of Physician of India Delivered a talk on Monogenic Diabetes	22nd to 25th February 2024 New Delhi	
Dr.H.Basavana Gowdappa	ADC Diabetes Summit 2024 organized by Dr.Aravinda's Diabetes Centre Delivered a lecture on " AETCOM – attitude, ethics and communication in diabetes management	25th & 26th May 2024 Bengaluru	
Dr.Y.S.Ravikumar	PODOCON 2024- Biomechanics of Diabetic Foot Conference	25th& 26th May 2024 Bengaluru	
Dr.T.Thippeswamy	National Webinar Adult Vaccination Talk on Chicken pox & Herpes Zoster vaccine	17th May 2024, Online	
Dr. Pratibha Pereira	Topic Frailty in the elderly in Indian Medical Association Kerala State Brach Committee for care of older person and Geriatric Society of India on Online Mode on	04.08.2023 (Online)	
Dr.Tejaswini.C.J	Elder Care Health & Wellness Centre-	19.08.2023 Jayalaxmipuram, Mysuru	

Dr. Shilpa Avarebeel	Elderly Self Care	15.11.2023 Kollegal	
Dr. Shilpa Avarebeel	Being stable and calm	28th February 2024 Mysuru	
Dr. Shilpa Avarebeel	Elderly Health Management	6th March 2024 Prajapitha Brahma Kumari Eshwariya Vishwavidyalaya, Mysuru	
Dr. K.B Suma	CME on Autoimmune Disorders in pregnancy	02.07.2023 JP Fortune Palace Mysuru	
Dr. Hemapriya L	Organised cme on Autoimmune disorders in pregnancy Participated as panelist on Recurrent pregnancy loss	02.07.2023 JP Fortune Palace Mysuru	
Dr. Prathap T	Sowa Rigpa Doctor during the 10 days orientation course on allopathy	07 July 2023 Byalaguppe, Karnataka	
Dr. K.B Suma	Papilloma virus vaccine in prevention of Cervical Cancer in females	18.07.2023 Auditorium of Trinity college Vijaya Nagara Mysuru	
Dr. Prathap T	Conducting talk on “EASY & SAFE TLH”	28.07.2023	

Dr. K.B Suma	3rd Yuva KSOGA Conference-2023	5th to 6th August 2023 Gadag	
Dr Hemapriya L	Talk on Intrapartum and postpartum management of Cardiac disease 3rd Yuva KSOGA Conference-2023	5th to 6th August 2023 Gadag	
Dr. Jayashree S	Dr. S N Kaulgud Memorial CME talk on Evidence based apporch an infertile couple	12th August 2023 Hotel Sandesh The Prince	
Dr. Sowmya K	Dr. S N Kaulgud Memorial CME Panel discussion on Optimizing IUI outcome different Case scenarios	12th August 2023 Hotel Sandesh The Prince	
Dr. Mamatha S	MPMRT Annual Nephrology Update 2023	20th August 2023 Hotel Sandesh The Prince	
Dr. K.B Suma	Happy learning Master class webinar series Mixed bag Panel discussion on Reverse panel POCSO Act	22nd August 2023	
Dr. Jayashree S	Happy learning Master class webinar series Mixed bag Panel discussion on Reversepanel POCSO Act	22nd August 2023	

Dr. Jayashree S	Understanding male infertility Evaluation and treatment	24th November 2023 Hotel Royal Orchid Metropole Mysuru	
Dr. Virupaksha Ajjammanavar	Semen Analysis A Systematic Approach	24th November 2023 Hotel Royal Orchid Metropole Mysuru	
Dr. Mamatha S	19th Annual Conference KRSSDI 2023	16th 17th December 2023 Bengaluru	
Dr. Jayashree S	66th All India Congress of OBG 2024	6th to 10th January 2024	
Dr. Sowmyashree T	66th All India Congress of OBG 2024	6th to 10th January 2024 Hyderabad	
Dr.Mamatha S	MPMRT Annual Medicine Update 2024	12th to 14th January 2024 MMCRI, Mysuru	
Dr. K B Suma	Gurukul PG Online Teaching Programme	27.01.2024 Online	

Dr. K B Suma	HEART DISEASE IN PREGANACY	22 to 24 March 2024 Hubli	
Dr. K B Suma	CME on the Quest on sound waves obstetrics & Gynecology	31 March 2024 MMCRI Mysuru	
Dr. K B Suma	AMOGS Emergency obstetrics committee with KSOGA Episode 8	6th May 2024 (Online)	
Dr. Mamatha S	6th Annual Conference of Karnataka Endocrine society Hormone Rhythem-2024	11th& 12th May 2024 MMCRI, Mysuru	
Dr. Mamatha S	Hormone Rythem	11th& 12th May 2024 MMC, Mysuru	
Dr. K B Suma	Gurukul PG Online Teaching Programme	18th May 2024 Online	
Dr.Vjiay C.	6th Mysore Annual Arthroscopy Meet 2023	J P Fortune Palace, Mysore	
Dr.Sheshagiri V.	OASISCON 2023 Mangalore Ilizarov in Open Fractures – No need of 2nd Surgery	1st to 3rd Sept. 2023 Mangalore	

Dr.Sujana Theja J.S.	World Physiotherapy Day 2023 Seminar Multidisciplinary Management in Rheumatoid Arthritis Topic – Surgical Management In Rheumatoid Arthritis (THR)	6th September 2023 SRCA, JSS Hospital, Mysuru	
Dr.Adarsh T.	World Physiotherapy Day 2023 Seminar Multidisciplinary Management in Rheumatoid Arthritis Topic – Surgical Management In Rheumatoid Arthritis (TKR)	6th September 2023 SRCA, JSS Hospital, Mysuru	
Dr.Santhosh M.S.	Tips & Tricks in Loose Body Removal & its Techniques CME & Live Demonstration in Operation Theatre on Knee Arthroscopy – A Workshop		
Dr.Sheshagiri V.	KSHEMA Basic Ilizarov Cadaveric Workshop	19th November 2023 KS Hegde Medical Academy, Mangalore	
Dr.Jayasree Ramesh	World Physiotherapy Day 2023 Seminar Multidisciplinary Management in Rheumatoid Arthritis Topic – Rehabilitation in Rheumatoid Arthritis	6th September 2023 SRCA, JSS Hospital, Mysuru	
Dr.Jayasree Ramesh	Rehabilitation in Guillian Barre Syndrome 3rd Annual Conference of KARM (Kaveri Association of Rehabilitation Medicine)		

Dr Pratibha Matche	Musculoskeletal ultrasound and fluoroscopic guided pain interventions and regenerative therapies	15th& 16th July 2023 Kolkata	
Dr. Gurudatt C L	ISACON 2023	21st to 23rd July 2023 Thanjavur	
Dr. Akshay H M	The Geriatric emergency patient	22nd July 2023 JSS Hospital	
Dr Pratibha Matche	Pain Medicine-an overview	29th July 23 Chitradurga	
Dr Anilkumar M R	Artificial Intelligence	12th to 13th Aug 23 MMC & RI, Mysuru	
Dr Archana K N	ERAS in pediatrics	12th to 13th Aug 23 MMC & RI, Mysuru	
Dr Manjula B P	Lung protective ventilation during anaesthesia	12th to 13th Aug 23 MMC & RI, Mysuru	
Dr. Gurudatt	Gas laws & anaesthesia	12th to 13th Aug 23 MMC & RI, Mysuru	

Dr. Anup N.R.	Post COVID sequel an anesthesiologist concern	12th to 13th Aug 23 MMC & RI, Mysuru	
Dr Srinivas H T	Cancer pain management	7th September 2023 BGS Global Medical College Bangalore	
Dr Vyshnavi S	Peri operative Acute Pain management	7th September 2023 BGS Global Medical College Bangalore	
Dr Manjula B P	Lung protective ventilation during anaesthesia	8th & 9th September 2023	
Dr Anil Kumar M R	Difficult Airway- ICACON 2023 preconference workshop	3rd to 5th November 2023 Bangalore	
Dr Raghavendra babu T	Can artificial intelligence replace Anaesthesiologists?	3rd to 5th November 2023 Bangalore	

Dr Archana K N	Video Laryngoscopes	11th November 2023 AIMS, Mandya	
Dr Anilkumar M R	Airway ultrasound	11th November 2023 AIMS, Mandya	
Dr Anup N R	Fiberoptic intubation: techniques & troubleshooting	11th November 2023 AIMS, Mandya	
Dr Gurudatt	Second generation supraglottic airway devices	11th November 2023 AIMS, Mandya	
Dr Girish B K	Lung isolation techniques	11th November 2023 AIMS, Mandya	
Dr Sarika M Shetty	Airway blocks	11th November 2023 AIMS, Mandya	
Dr Ashwini	Airway blocks	11th November 2023 AIMS, Mandya	
Dr Anilkumar M.R. Dr Anup N.R.	ERAS in Paediatrics Difficult Airway Algorithms	22nd to 26th November 2023 Gurugram, Haryana	

Dr Gurudatt	1. Monitoring & reversal of neuromuscular blockade. 2. Thyroid a short case	25th to 27th January 2024. Chennai, Tamil Nadu	
Dr Anup N R	Frank starling law & its anaesthetic implications	25th to 27th January 2024. Chennai, Tamil Nadu	
Dr Sarika M Shetty	Supraglottic Devices- know the new 2024	25th January 2024 Mangaluru	
Dr Pratibha Matche	Rheumatology – pain management perspective	2nd to 4th February 2024. Pune	
Dr Gurudatt	Anaesthesia machine	10th to 12th February 2024. Bagalkot	
Dr Anil Kumar M.R.	Anaesthesia for morbid obesity	9th to 12th February 2024. Bagalkot	
Dr. Akshay H M	ARDS & Mechanical ventilation	4th February 2024 JSS Hospital, Mysuru	
Dr Anil Kumar M.R.	CME on Fluid dynamic – navigating perioperative challenges in obstetrics and gynecology	29TH February 2024 Kolar	
Dr Archana K N	CME on obstetric anaesthesia PG quest(MAPCON 2024)	9th March 2024 Wayanad, Kerala	

Dr Anil Kumar M.R.	Webinar- General versus regional anaesthesia in obese patients. Challenges I faced	4th April 2024 (Online)	
Dr Anil Kumar M.R.	Airway management in oral surgeries	5th May 2024 Cauvery Hospital, Mysuru	
Dr Anup N R	Perioperative nutrition in cancer patients	5th May 2024 Cauvery Hospital, Mysuru	
Dr Sarika M Shetty	BLS & First Aid CME on Simulation based training on cardiac emergencies	13th to 15th May 2024 JSS College of Nursing, Mysuru	
Dr Chethana SG	Procedural Dermatology Workshop and CME	16th July 2023	
Dr Chethana SG	Tofacitinib in vitiligo	July 2023 Mysuru	
Dr. Kanthraj GR	AI in Dermatology	27/10/2023	
Dr. Ashwini PK	Vitiligo Surgery	28/10/2023 Kasturba Medical college, Manipal	
Dr. Veeranna Sastry	Atopic Dermatitis : what's new in management	3rd December 2023 Mysuru	

Dr. Kanthraj G.R.	Teledermatology- What's New	22nd to 24th February 2024 DERMACON Conference	
Dr Chethana S.G.	Approach to ADMH	28th March 2024 Hyderabad	
Dr.Kishore.M	" Impact of Gadgets Harmful Use on Children & Adolescents"	5th July 2023 JSS College of Speech & Hearing, Mysuru	
Dr.Kishore.M	National Program for training Tibetan Doctors		
Dr.Kishore.M	IPSOCON Guntur 2023, 56th Annual Conference of Indian Psychiatric Society South Zonal Branch	13th to 15th July 2023 Shree Convention Centre, Guntur, Andra Pradesh.	
Dr.T.S. Sathyanarayana Rao	Topic: MSE: Basics of Interview and Examination for Sexual Dysfunctions	22nd & 23rd July 2023	
Dr.Kishore.M	National Conference Understanding child & Adolescent Development	27th July 2023 Bangalore	

Dr.T.S. Sathyanarayana Rao	National Young Psychiatrists Conference – YPCON Theme: Hashtagging Mental Health Topic: Publish & Perish; What to Publish	5th & 6th August 2023 Bhopal	
Dr.T.S. Sathyanarayana Rao	IPS National Workshop on Clinical Practice Guidelines (CPG) for Psychiatrist in India on Mental Health & Well being. Topic : Sexual Wellbeing	13th August 2023	
Dr.T.S. Sathyanarayana. Rao	Intensive Residential Clinical Skills Training Workshop & Celebration of International Sexual Health Day	4th& 5th Sept 2023 Hotel Sepoy Grande, Mysore	
Dr.Pradeep Kumar.P.C	Teen Suicide:- Signs and Prevention	15th September 2023 St Philomena's College, Mysuru	
Dr.T.S.Sathya narayana Rao	FOGSI Sexual medicine committee master class series of psychosexual health session 7 Topics: Hypersexuality: Sexual Addiction Disoder- The Concept, Controversies & the Current Status	28th Sept 2023	
Dr.T.S.Sathya narayana Rao	Emerging Psychiatric Specialities, with emphasis on Sexual Medicine	2nd October 2023 Mangalore	

Dr.T.S.Sathya narayana Rao	Female Interest Arousal Disorder	6th to 8th October 2023 Ahmedabad	
Dr.T.S.Sathya narayana Rao	Topic Understandig Adolescent: Sexuality & Relationship	10th October 2023 Kolkata	
Dr.T.S.Sathya narayana Rao	Topic 'Psychotropics and the Sexual Life	21st October 2023	
Dr.T.S.Sathya narayana Rao	Topic: Beyond Hormones: The Biochemistry of Love & Sex	26th October 2023	
Dr.T.S.Sathya narayana Rao	Psychosexual issues in urology practice	3rd November 2023 Shimoga	
Dr.Kishore.M	Scholarship for teachers towards Enrichment in Psychiatry Teaching Skills (STEPS)	4th November 2023	
Dr.Kishore.M	A joint initiative of IPS faculty training task force and IPS PG and UG education sub-committee	4th November 2023 IPGME &R, SSKM Hospital Kolkata	
Dr.T.S.Sathya narayana Rao	Spoke on relevance of Sexual issues in Orthopedic Practice.	18th November 2023 Hotel QUORUM, Mysore	

Dr.Kishore.M	Best Practices in Multidisciplinary Dementia Care	23rd November 2023 JSS Institute of Speech & Hearing, MG Road Mysuru	
Dr.Shivananda Manohar.J, Dr.Pradeep Kumar.P.C	Special Lecture Series – Stress and Resilience	25th November 2023 Manasagangothri, Mysuru	
Dr.Pradeep Kumar.P.C	Special Lecture Series – " Mental Wellbeing Managing Academics."	25th November 2023 Manasagangothri, Mysuru	
Dr.Megha Sadashiv	spoke in "Mental health in India" to the Postgraduate students of University of Minnesota, organised by Sri Vivekananda institute of Indian studies on	6th January 2024 Mysuru	
Dr.Megha Sadashiv	Spoke on stress & time management for 10th standard students.	23rd January 2024 Sri Renuka Vidyapeeta , Tumkur	
Dr Shivananda Manohar	Indoeuropean symposium on Coercion	1st March 2024 Mysore Medical College Mysuru	
Dr Shivananda Manohar	Sexual Psychopharmacol-ogy	30th March 2024 Sandesh the Prince, Mysore	

Dr. T.S. Sathyanarayana Rao	Devcon Conference 2024 @ Varanasi, UP Topic: Healthy Sexual Relationship in 60's & beyond is Key to Good Mental, Emotional & Physical Healt	7th April 2024	
Dr Shivananda Manohar	Staff development program	8th April 2024 JSS College of Nursing, Mysuru	
Dr Shivananda Manohar	Effective management of Adolescents in classroom settings	12th April 2024 Suttur	
Dr.Pradeep Kumar P.C.	Delivered a talk on emerging trends in medical and psychiatric social work	12th June 2024 Mysuru	
Dr Shivananda Manohar	Health and Hygeine	19th June 2024 JSS Centre for Management Studies	
Trishala.D	Craving management	4th July 2023	
Sudeep P K	Anti-Ragging	12 August 2023 JSS Dental College and Hospital	
Sudeep P K	Craving management	25th September JSS Camp,K R Nagar	

Trishala.D	Stress Management in Nursing students	21st November 2023 JSS Nursing college, Chamrajnagar	
Sudeep P K	An Overview-Psychiatric Assessment with Standardized Patients	22nd November 2023 JSS Hospital	
Dr. Manjappa M	Coronary artery disease and Venous Thromboembolism: The practice Patterns	27-09-2023 (Online)	
Dr. Manjappa M	How to Minimize Stent Thrombosis Post ACS PCI	28/09/2023 (Online)	
Dr. Sunil kumar S	Interventional Cardiology	15-10-2023 Sri Rajendra auditorium, JSSH, Mysore	
Dr. Manjappa M	Worsening Heart Failure Needs to be HEARD!!	18-10-2023 (Online)	
Dr. Manjappa M	Cardiac Remodelling and Role of Sacubitril / Valsartan in HF pts	09-11-2023 (Online)	
Dr. Manjappa M	Heart failure practical tips & tricks on optimizing HF therapy	18/11/2023 Hotel Jade Garden, Mysuru	
Manjappa M	Reimagine Heart Failure Treatment across LVEF Spectrum	23/11/2023 (Online)	
Dr.Manjappa M.	10 years of NOACs – learnings and future implications	17th January 2024 Webinar	

Dr. Sunil Kumar S	Pragmatic use of Rosuvastatin & DAPT in ACS patients journey	27th January 2024	
Dr.Manjappa M.	Decoding a curious case of 'Adult Onset Epilepsy'!!!	14th February 2024 Sri Rajendra Auditorium, JSS Hospital, Mysuru	
Dr.Manjappa M.	ECG in Ischaemic Heart Disease. (ECG Refresher Course)	16th February ECG in Ischaemic Heart Disease. (ECG Refresher Course)	
Dr.Manjappa M.	Worsening Heart Needs to be Heard!	29th March 2024 Online	
Dr.Manjappa M.	Interplay between HF & VHD: An Indian perspective	18th April 2024 Online	
Dr.Manjappa M.	Management of HTN in CCS: An Indian Perspective-Panel discussion	11th May 2024 Online	
Dr.Manjappa M.	CARDIONEXUS Conference: Navigating SOULS potential: Revelations from CVOTS	19th May 2024 CONRAD International Hotel, Bangalore	
Dr.Manjappa M.	ACS Dialogue: Challenges with the use of Rivaroxaban	22nd May 2024 Online	
Dr. Sunil Kumar S	Spotlight on updates from the annual congress of the Heart Failure Association of the ESC	2nd June 2024 Mysuru	
Dr.Manjappa M.	National Consensus Meeting on HTN: Early Screening for Effective Dx and Mx of HTN	8th June 2024 Aurika Resorts, Madikeri, Coorg	
Dr (Maj) Aradya H V	BUILD 1.2 – Evolving concepts in assessment of portal Hypertension	ILBS Delhi / The Leela Delhi	

Dr (Maj) Aradya H V	Panel discussion on Jaundice in Pregnancy	22.07.2023 Hotel Sandesh The Prince Mysuru	
Dr (Major) Aradya H V	World hepatitis day talk	28.07.2023 JSS College Ooty Road Mysuru	
Dr (Major) Aradya H V	World Hepatitis day	31.07.2023 Shubangi Bhavan, Jayanagar, Mysore	
Dr. H.P Nadeesh H P	Scientific Programme	19.08.2023 Hotel Sandesh The Prince Mysuru	
Dr (Maj) Aradya H V	Scientific Programme	19.08.2023 Hotel Sandesh The Prince Mysuru	
Dr. Deepak Suvarna	Hemospray Launch Marterclass	24th January 2024 AIG Hospital Hyderbad	
Dr. Deepak Suvarna	Mysore API Chapter monthly CME	27th January 2024 Hotel The Ruchi	
Dr. Deepak Suvarna	Gastroenterology Young Master Programm	3rd to 5th May 2024 Coimbatore	
Dr. Deepak Suvarna, Dr. Nandeesh H P, Dr (Maj) Aradya H V	Diseases of stomach and Duodenum	7th 8th June 2024 Mysuru	

Nephrology			
Dr Kiran.K.K	ISPD Peritonitis guidelines	15/7/2023 St Johns Medical College & Hospital, Bangalore	
Dr Manjunath S Shetty	Kidneys & your health	5/8/2023 Postal training institute of India	
Dr Manjunath S Shetty	Awareness on Organ donation conducted by Rotary west	10/08/2023 JSS Hospital, Mysuru	
Dr.Shasthara P	Perampanel Drug	28.10.2023 JP Fortune palace Mysuru	
Dr.Shasthara P	Anatomy of the vagus Nerve & Mechanism of VNS therapy indication for VNS	08.12.2023	
Dr.Shasthara P	Topic: Insight and Strategies: Neurologists' Role in Vestibular Assessment and Management at one-day symposium on " Exploring the perspectives and approaches of Medical and rehabilitative practitioners in the assessment and Management of vestibular Disorders : Paving the way for collaborative excellence	16th February 2024 JSS Institute of Speech & Hearing , Mysuru	

Dr.Shasthara P	Topic : Epilepsy	20th February 2024 Excel-Soft Technologies Pvt Ltd	
Dr.Shasthara P	Chief Guest for valedictory programme at the International Seminar on Neurodegenerative Disorders and Inflammation"- 2024.	24th February 2024 Sarada Vilas college, Mysuru	
Dr.Shasthara P	**Panelist** on National level anticoagulation academy discussion	10th March 2024 Online	
Dr.Shasthara P	Headache Course Lunch 2024 Talk : Discuss Short and long term courses Plan Flexible learning methods How to develop a career in Headache medicine	30th April 2024 Online live at virtual conference Platform	
Dr.Shasthara P	Neuropathy Awareness Week Neuropathic Pain is on AIR	6th May 2024	
Dr.Shasthara P	Round table meeting Topic : "Enhancing comprehension of brand positioning campaigns, brand communication and prescription patterns with in epilepsy & Neruopathy while aligning with UCPMP Guidelines"ss	28th May 2024	

Dr.Shasthara P	Speaker : Evaluation of use of newer ASM s in management of Generalised Epilepsy Survey on Scientific updates	13th June 2024 Online	
Dr Subramanian R	Asymptomatic Hyperuricemia-To treat or Not	28.08.2023 Hotel Sandesh, Mysore	
Dr.Maha baleshwar.M	Current Guidelines on Rheumatoid arthritis Management	06-09-2023 SRC Auditorium JSS Hospital, Mysuru	
Dr Subramanian R	Diagnosis of RA and management – recent guidelines & Obstetric APLA – Recognition and Management	19.10.2023 Nagamangala B.G Nagara, Mandya	
Dr.Vaishnavi Hiren Joshi	Role of Occupational Therapy in Psychiatric Disorders		
Dr.Bharathi M.B.	75TH Annual Conference Of The Association Of Otolaryngologists Of India Aoicon 2024. Topic: Primary Parapharyngeal Space Tumours :	4th to 6th January 2024 Bengaluru	

Dr.Babu A.R.	75th Annual Conference of The Association of Otolaryngologists of India AOICON 2024. Topic: Endoscopic DCR – How I do it	4th to 6th January 2024 Bengaluru	
Dr.Rakesh B.S.	75th Annual Conference of The Association of Otolaryngologists of India AOICON 2024. Topic: An insight into tubeless ventilation – Thrive in upper airway surgeries	4th to 6th January 2024 Bengaluru	
Dr.Sandhya D	75th Annual Conference of The Association of Otolaryngologists of India AOICON 2024. Topic : Panelist in Panel Discussion on Medical Publications and Research	4th to 6th January 2024 Bengaluru	
Dr.Thanzeemunisa	Peaditric allergy update and AST Workshop Talk : Allergic Rhinitis and asthma –close link in children	7th April 2024 JK Ground MMCRI, Mysuru	
Dr.Soumya H V	Exploring ophthalmological Insights	16th February 2024 JSS Institute of Speech & Hearing Mysuru	
Dr.Poojitha S	The presentation titled “Building an axial length prediction model by machine learning process deploying regression algorithm” at the “Think Under The Apple Tree Session 5 The 82nd Annual Conference of AIOC, 2024	13th March 2024 Biswa Bangla Convention Center Kolkata	

Dr.Soumya H V	Physical of different types of Spontaneous and Induced Nystagmus	30th April 2024 JSS Institute of Speech & Hearing Mysuru	
Dr Madhu Srinivasarangan	POCUS in Emergency care for physicians	12th January 2024 MMC, Mysuru	
Dr Madhu Srinivasarangan	Defibrillation Protocols-updates and controversies	15th to 17th March 2024 Chandigarh	
Dr Adarsh S B	BLS & first aid	13th to 15th May 2024 JSS Nursing College, Mysuru	
UROLOGY			
Dr.Manjunath V	Physical Examination of Patients in Psychosexual Medicine	29th March 2024 Hotel Sandesh the Prince, Mysuru	
RESPIRATORY MEDICINE			
Dr. Mahesh P A	Air Pollution Exposure & Respiratory Toxicology	2nd to 4th January 2024 JSSAHER Mysuru	

OUTREACH & EXTENSION ACTIVITIES

National Service Scheme (NSS)

World Environmental Day – 25-07-2023





A healthier environment is the need of the hour and we must not make any more delays. World Environment Day (WED) is celebrated to encourage and create awareness and to take appropriate action for the protection of the environment. It is supported by many organizations worldwide. In this regard to mark the activity, NSS unit JSS Medical College, Mysuru, conducted the sapling implantation program on 25th July 2023 in the medical college campus garden. Faculty and NSS student volunteers actively participated and witnessed the event.

Dr.Basavana Gowdappa H, Principal of JSS medical college, Dr.Suma M.N., and Dr.Praveen Kulkarni, vice-principals of JSS Medical College, and Mr. Sathish Chandra, Administrative officer of JSS Medical College, Sports director Mr Lokeshappa H, implanted number of saplings in the garden to mark this event. The NSS volunteers also implanted the saplings in the same garden. This program was coordinated by NSS program officers NSS unit, at JSS Medical College, Mysuru.

Distribution of Wheelchairs for the Specially Abled – 09-09-2023



Dr. Sri Shivarathri Rajendra Mahaswamiji, the 23rd pontiff of the Srimath, Mysuru, was born on 29.8. 1916. His 108th birth anniversary was celebrated meaningfully through a special camp activity by donating wheelchairs for 25 specially-abled unprivileged patients who are suffering from various movement disabilities. The program was held on 9th September 2023 at 10:30 a.m. at JSS College of Pharmacy, Mysuru.

Twenty-five patients from various hospitals and old age homes were the beneficiaries of the program, which was organized by the JSS Academy of Higher Education and Research. Dr Suma M.N. Vice-Principal of JSS Medical College, passed the initial remarks about the importance of the event and briefed about the legacy of "**Sutturu Srimath**." Various acts of the reverend sage, and suttur Srimath involving the social, educational, ethical, and spiritual components to reform the society centuries were recalled.

“Swachhata Hi Seva” – 01-10-2023



“Swachh Bharat Abhiyan” was conducted to disseminate the importance of a “**Sampoorna Swachh Bharath**, to reinforce the concept of **sanitation as everyone’s business. To prelude “Swachh Seva” activities, many students and faculty volunteers from JSS Academy of Higher Education and Research, Mysuru conducted cleanliness activities on 1st October 2023 between 9:30 am-11:30 am.**

The program involved the commissioner, deputy mayor, and regional corporator of Mysuru city corporation who actively took part and supported the whole event. The program was started with the felicitation of the corporation authorities by Dr.Praveen Kulkarni, Vice-Principal, JSS Medical, and Dr.Krishna K.L., NSS Programme Officer, JSS AHER College Mysuru.

Health Awareness Programme

On 27th December 2023 the JSS Medical College NSS unit JSS MC, fuelled with compassion and a commitment to social well-being, embarked on a journey of awareness and education. Our activities began at 10:30 AM, as we visited the apartments at Rajarajeshwari Nagar, Mysuru armed with compelling charts, images, and motivational quotes. Our mission was to shed light on the crucial topics of HIV/AIDS prevention, communicable diseases, personal hygiene, and the problems related to drug and alcohol abuse. Students were engaged in the community interactions by spreading awareness, and igniting crucial conversations with the public. At 11:30 AM, our focus shifted to empowering young girls at a government high school. Dr Rama, medical officer, at JSS Urban Health Centre, Mysuru was instrumental in conducting this event at government high school. This activity was supported by Mr. Santhosh, health inspector JSS UHC, Mysuru. Ms.Sanya Sathish, delivered a comprehensive talk by sensitizing the young girls about menstruation and its hygiene. We delved into the often-silenced topic of menstrual hygiene, normalizing the conversation, and educating young girls about this essential aspect of their personal health.

The awareness activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru; and the administrative officer JSS Medical College, Mysuru. The NSS programme officers from JSS medical College, Mysuru were the coordinators of the whole event.





NSS Medical Camp Report 2024

February 26th - March 3rd –2024



NSS unit of JSS Medical College, JSS AHER had organized an annual special camp from 26th February to-3rd March 2024 at various villages coming under Hosahalli and Palahalli Gramapanchayiti (Hosahalli, Mogarahalli, Karekura, Palahalli). Free health screening and treatment camp was conducted as part of the NSS annual special camp. The camp was organized and supported by JSS Medical College, under the JSS Academy of Higher Education and Research, Mysuru. All our activities are guided, directed, and supported by the Principal Dr.H.Basavana Gowdappa, and Vice-Principals Dr Suma N.M. and Dr. Praveen Kulkarni, JSS Medical College, Mysuru and Mr. Satish Chandra. Chief Administrative Officer, JSS Medical College, Mysuru.

Mrs.Shashikala S.D. panchayat development officer (PDO), Hosahalli Gramapanchayiti, Shreerangapttana taluk, Mandya district. was instrumental in obtaining the permission, planning, and executing the arrangements, giving publicity of camp, and providing the place for conducting the camp.

All these adjuvant services along with the patient registration counter were effectively managed by 50 NSS volunteer medical students from Phase II MBBS, in two slots each of 25, who were actively, responsibly, meticulously, and tirelessly involved in assisting these counters for all 7 days throughout the conduct of the camp. Overall, the camp turned out to be a fruitful learning experience for all the volunteers. It helped the medical students contribute their little part towards the objective of “making health care a demand, rather than a need”, as rightly said by our respected Vice Principal, Dr.Praveen Kulkarni. This special rural medical camp activities were conducted under the supervision of NSS Programme Officer Dr.M.V.Ravishankar from JSS Medical College, Mysuru, and other faculty members from the Department of Biochemistry Mr.Venkatesh, Mr.Ananth, and Dr.Anshu Yadav, co-ordinated the whole event.





JSS Medical College AHER, conducted NSS “Free Medical Camp” at Hosahalli, Gramapanchayiti, Shreerangapttana Taluk, Mandya District. from 26th February -2nd March 2024. Inauguration and Inaugural address by Dr. Praveen Kulkarnai Vice-Principal, JSS Medical College, and Mr. Sathish Chandra, Administrative Officer, JSS Medical College, Mysuru.





Shramadaan at K R Mills by JSS Medical College, Mysuru – 09-03-2024



As part of Family Adoption Program, along with NSS, **"Shramadaan"-** Giving Back to community- activity was organized on 9th March 2024 at K R Mills colony, Hanchya PHC, Mysore. As part of the program 1st year MBBS students were involved as NSS volunteers and carried out cleaning of the premises of KR Mills Subcentre, Government Model Higher primary School, KR mills and Government High School, K R mills. The students also gave health education to school students on importance of segregation of dry and wet waste at household level, personal hygiene and hand hygiene. Dr.Shwetha Kurkuri, Dr.Sunitha Singh, Senior Residents, Dept of Community Medicine, Dr.Amoghashree, Asst.Prof., Dept. of Community Medicine, Dr. Ravishankar, Asst.Prof., and NSS Co-ordinator, Dept. of Anatomy, JSS Medical College, Mysuru along with Post graduates from the Dept. of Community Medicine, JSS Medical College, coordinated the whole event. Support was also extended by Dr.Sunil Kumar D, HOD, Dept. of Community Medicine, JSS Medical College, Gram Panchayat, Siddlingipura, Dr.Ravidra, Medical Officer, Hanchya PHC, Mysuru for the event.

Drawing Competition conducted Under World Blood Donor Day| Celebrations-2024 – 01-06-2024



"Be the reason for someone's heartbeat"

World Blood Donor Day is celebrated every year by people around the world on June 14, 2024. It is celebrated on the birthday anniversary of Karl Landsteiner on 1868, June 14. Landsteiner was awarded the Nobel Prize for his discovery of the ABO blood group system. The theme for World Blood Donor Day 2024 is **"Give blood and keep the world-beating".** The theme highlights the value of blood donors and their roles in promoting health and saving lives.

The first Prize was bagged by Ms. Riyah JSS Dental College, the second prize by Ms. Anvitha Bhat, JSS Medical College, and the third prize by Ms. Anju, JSS Medical College.

INTERNATIONAL YOGA DAY - 21-06-2024

NSS UNIT JSS AHER, MYSURU

"Yoga is not a religion. It is a science, science of well-being, science of youthfulness, science of integrating body, mind, and soul." – Amit Ray

International Yoga Day is commemorated every year on 21st June to raise awareness about this ancient practice and celebrate the physical and spiritual powers that yoga has brought to the world. On 21st June 2024, International Yoga Day was celebrated with the theme of "Yoga for the Society". Ganesh Kumar, The President of Yoga Sports Foundation preceded with the **celebrations at Palace Ground, Mysore**. Thousands of people were gathered, including students from different schools and colleges, people from yoga community groups old age people, and other organizations from all over Mysuru, among them around 100 students from JSS Medical College Mysuru were present to witness the event. The students from various courses like MBBS, MSc, BSc, MPH, MD, and faculties from JSS Medical College participated in the event. All the students were gathered near the bus stand inside the JSS Medical College and left the college by 6 am. After reaching there, we all settled down with our yoga mats.









ORPHANAGE VISIT

On May 10th, 2024, JSSMC M.I.N.D.S Psychiatry Club: Sapiens, in collaboration with Kala Kriti, organized a visit to Sri Chayadevi Anath ashrama in Chikkadanahalli, Jayanagar with the aim of bringing joy and support to the children. Sri Chayadevi Anath ashrama hosts children of ages up to 10 years. The visit included distributing snacks and refreshments such as chips and juice, as well as essential stationary items like crayons to foster creativity and aid in their educational pursuits. Sports equipment like bats and balls were also provided to encourage physical activity and a healthy lifestyle. This collaborative effort sought to create lasting memories and support for the children at the orphanage, reflecting the commitment of the organizers to make a positive impact in their lives. Through simple gestures and provisions hoped to bring smiles to their faces and contribute to their well-being and happiness.





Medical Exhibition conduc ra - 2024



The annual Jathra Mahotsava of Adi Jagadguru Sri Shivarathreeshwara Shivayogi Mahaswa migalu, held at Suttur Srikshetra from February 6th to 11th, 2024, showcased a multitude of programs and exhibitions aimed at fostering scientific and educational awareness among rural communities. The medical exhibition, inaugurated by His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, focused on the theme "Healthy Lungs – Healthy Life: Every breath counts," emphasizing respiratory health education and preventive measures.

The medical exhibition by JSS Medical College and Hospital received 2nd prize at the Jathra Mahothsava for its efforts and commitment towards generating health awareness among the public.

Key Highlights:



- The exhibition featured 17 departments of JSS Medical College and Hospital, engaging thousands of visitors daily, including individuals of all ages.
- Departments like Anatomy, Physiology, Biochemistry, and Medical Genetics offered interactive displays, demonstrations, and educational materials on respiratory anatomy, lung function, genetic disorders, and preventive measures.
- Activities ranged from respiratory health quizzes, lung function testing, and deep breathing demonstrations to screenings for oxygen saturation and pulse rate using point-of-care testing devices.
- Departments like Pathology, Microbiology, and Pharmacology showcased models, posters, and educational games on lung pathologies, infections, and pharmacological interventions.
- Department of Community Medicine initiatives were community-focused activities included interactive games, puppet shows, movie screenings, and clean air pledges to promote awareness and behavioral change regarding respiratory health.
- Specialty departments such as Forensic Medicine highlighted safety measures related to gas geyser usage and drowning prevention, while Psychiatry focused on tobacco cessation and sexual health education.
- The School of Public Health emphasized air pollution awareness, preventive measures, and the importance of mask-wearing and social distancing.
- Feedback from attendees lauded the innovative and informative exhibits, with the JSS Medical College & Hospital exhibition receiving recognition and praise for its impactful contributions.

Health Camps conducted

Sl No	Organization	Place	Date	No. of Patients Screened
1	JSS Hospital, Mysuru	General Health Camp Kanti Mallanna Kalyana Mantap, Mysuru	11-07-2023	366
2		8th Mega Health Camp, Saragur	23-07-2023	470
3		Cancer Screening Camp, Ch.Nagar	26-07-2023	250
4		9th Mega General Health camp at JSS Degree College, Gundlupet	13-08-2023	378
5		General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	08-08-2023	403
6		9th Mega General Health camp at JSS Institutions, Saragur	27-08-2023	320
7		10th Mega General Health camp at JSS Degree College, Gundlupet	10-09-2023	504
8		General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	12-09-2023	349
9		10th Mega General Health camp at JSS Institutions, Saragur	24-09-2023	317
10		Health Camp held at JSS Layout, 2nd Stage, Mysuru	28-09-2023	186
11		Heart Health Awareness Camp held at Jain Bhavan Mysuru	30-09-2023	130

12	JSS Hospital, Mysuru	Mega Health Camp, Ch.Nagar	02-10-2023	1663
	 			
13	JSS Hospital, Mysuru	11th Mega Health Camp, Gundlupet	08-10-2023	447
	 			
14	NJS Charitable Trust, Mysuru	General Health Camp	10-10-2022	323
	 			
15	JSS Hospital, Mysuru	11th Mega Health Camp, Saragur	29-10-2023	406
	 			

16	JSS Hospital, Mysuru	12th Mega Health Camp, Gundlupet	19-11-2023	256
	 			
17	NJS Charitable Trust, Mysuru	General Health Camp	21-11-2023	330
	 			
18	JSS Hospital, Mysuru	12th Mega Health Camp, Saragur	26-11-2023	435
	 			
19	JSS Hospital, Mysuru	13th Mega Health Camp, Gundlupet	09-12-2023	558
20	JSS Hospital, Mysuru	General Health Camp Kanti Mallanna Kalyana Mantap, Mysuru	12-12-2023	376
21	JSS Hospital, Mysuru 	13th Mega Health Camp, Saragur	08-01-2024	700

22	NJS Charitable Trust, Mysuru 	General Health Camp, Mysuru	09-01-2024	435
23	JSS Hospital, Mysuru	General Health Camp, Mysuru	29-01-2024	300
				
24	NJS Charitable Trust® Mysuru 	General Health Camp, Mysuru	13-02-2024	445
25	JSS Hospital, Mysuru 	Sankalp Central Park, Yadavgiri	18-02-2024	200
26	NJS Charitable Trust® Mysuru 	General Health Camp, Mysuru	12-03-2024	372
27	JSS Hospital, Mysuru 	General Health Camp, Mysuru	31-03-2024	150

28	NJS Charitable Trust® Mysuru 	General Health Camp, Mysuru	02-04-2024	150
29	NJS Charitable Trust® Mysuru 	General Health Camp, Mysuru	14-05-2024	233
30	JSS Hospital, Mysuru 	General Health Camp, KR Nagar	22-05-2024	250
31	JSS Hospital, Mysuru 	Geriatric Health Camp, Ooty	26-05-2024	100
32	JSS Hospital, Mysuru 	General Health Camp, Nanjangud	07-06-2024	682
33	NJS Charitable Trust® Mysuru 	General Health Camp, Mysuru	11-06-2024	210

Race for 7 : Marathon to spread awareness on Rare Diseases

Race for 7 is an awareness run organized by Organization for Rare Disease India (ORDI) – a team committed to address the challenges of rare disease patients and their families in India.9th edition of this marathon was organized across India in 10 cities. The Mysore edition was flagged off from Balarama gate, Mysore Palace Premises, Kote Anjaneya Swamy temple.

The purpose of the event is to raise awareness about rare diseases, to empower patients and their families with access to national and international resources. Race for 7 symbolically represents the 7000 rare diseases with 7000 people running for 7 kilometres. We are here for the 9th edition of this event today.

Nearly 350 and more participants, parents of rare disease community and medical specialists, supporters joined the event

Dignitaries present at the event

1. Yogatma Srihari is the founder and the 'Yoga Guru' of GSS Yogic Research Foundation was the Chief guest for the event
2. Mr.Jinu, Vice President, Research and Development Solutions. IQVIA
3. Dr.Mallika Deputy Director, Directorate, Health & family Welfare, Mysore
4. Dr.S.J.Patil, Medical Geneticist JSS Hospital
5. Dr.B.Manjunatha Registrar JSS Academy of Higher Education and Research
6. Dr.Vishal Kumar Gupta and Dr Prashant Vishwanath from JSSAHER
7. Dr.Praveen Kulkarni from JSS Medical College
8. Dr.Deepa Bhat, Genetic Counsellor, ORDI Coordinator, Mysore RDCCC branch
9. Mr.Narasimha Murthy, ORDI parent coordinator, Mysore branch





NEWER INITIATIVES IN HEALTH CARE AND RESEARCH
Research facilities

Biochemistry & Medical Genetics

Sl No	Name of Equipment	Company	Funded By	Installed at
1	Confocal Microscope	Leica	DST-PURSE	CEMR 2
2	Micro Ultracentrifuge	Himac Eppendrof	DST-PURSE	CEMR 1
3	Next generation Sequencer	Thermo Fischer	DST-PURSE	JSS Hospital (Yet to be installed)
4	LC-MS-MS-TOF	Sciex	DBT-BUILDER	CEMR 3
5	BD FACS	BD	DBT-BUILDER	CEMR 2









DEXA Machine



Inauguration of DEXA Room

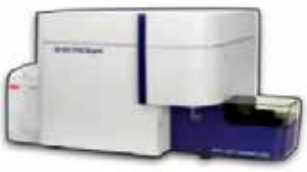


DEXA Machine

High End Equipment's Purchased



High Resolution Mass Spectrometer (HRMS) Liquid Chromatograph



FACSLyric



STELLARIS 5 Confocal Microscope



Q9 Alliance



Rotor-Gene Q

Aivities of Academic Socie Activities of Academic Society

Sl.No.	Date	Name of the Speaker	Topic
1	14-07-2023	Dr.Purnima Madhivanan	Bridging the gap from cancer screening to survivorship : Mysuru experience
2	21-07-2023	Dr.Jayashree Ramesh	Physical Medicine and rehabilitation – a comprehensive approach
3		Dr.Pranay Pinnameni	Adult Reconstruction in severe deformity of Knee by Total Unconstrained Arthoplasty
4		Dr.Shivani R.Kundur	Agony of Family where two siblings are affected with rare neurological disease.
5	22-07-2023	Dr.Vinod Ravindran	How do get your research published- Tricks and Traps
6	21-08-2023	Dr.Sushma	Utility of SONOCLOT – Coagulation and Platelet function analyzer, as a point of care device, in the management Disseminated Intravascular Coagulation (DIC)
7		Dr.Jaganath Vinayak Dixit	Life style modification for weight loss and Diabetes mellitus.
8	28-08-2023	Dr.Jatin Kumar	Modified Electroconvulsive Therapy as Maintenance Treatment.
9		Prof. Ashish Laxminarayana Shetty	AI and Cloud Computing in Medicine.
10	27-09-2023	Dr.Vasuki Krishnan	A Cadaveric and Radiological study on the Osteoarthritic changes of the Temporomandibular Joint
11		Ms.Shuchi O.C.	Association of ESR 1 and ESR 2 gene polymorphisms with Premenstrual symptoms and Pre-menstrual Disorder in South Indian Women.
12	10-10-2023	Dr.Rajendra Prasad	Approach to Chest X-ray and CT Thorax
13	19-10-2023	Dr.Pradeep Kumar	Impact of Mindfulness program
14		Dr.Neetha S.Murthy	NAAT for TB : An update on Xpert MTB/RIF assay.
15	17-01-2024	Dr.Nihala Naseefa C.H. (M.Sc. Medical Physiology)	Acute effects of ear phone usage on simple reaction time
		Dr.Bharanitha R., (2nd year postgraduate, Pharmacology)	Estimation of relation between salivary leptin : Ghrelin ratio and body mass index in people with HIV receiving ART drugs.

17	14-02-2024	Dr.Manjappa M.	HSH due to TRPM6 mutation and associated TdP : Challenges in managing this case?
		Dr.Guruprasad B.V.	The role of sympathectomy in managing Cardiac Arrhythmias?
		Dr.Sudhanshu K.C., Asst. Prof. of Paediatric Surgery	Bilateral Sympathectomy by VATS
		Dr.Akshitha PG in Anaesthesiology	Challenges in anaesthetic management for B/L sympathectomy
		Dr.Sarika M.Shetty	One lung ventilation – tricks of the trade
18	27-02-2024	Dr.Prabhakar Ashwin Vice President KADAK Inc. (NGO Nonprofit)	Six sigma in healthcare
19	27-03-2024	Dr.Mahabaleshwar	SLE with Multiple Sclerosis, or is it? A Case report
		Dr.Mahabaleshwar	A case of Sclerokeratouveitis : A diagnostic challenges ?
		Dr.Ganesh G.Gowda	Endovascular solutions to complex surgical problems
		Dr.Pravallya PG in Psychiatry	A Case of Eating disorder in Adolescent
20	25-04-2024	Dr.Mahadevaswamy J.S.	A Thyroglossal Cyst presenting in an Elderly Man – A rare presentation
21	15-05-2024	Sethu V.Madhavan, USA	Electronic Medical record (EMR) its advantages and disadvantages

AWARDS AND ACHIEVEMENTS OF FACULTY



Dr.H.Basavanagowdappa



1. Dr.H.Basavana Gowdappa, Principal and Professor of Medicine, JSS Medical College, Mysuru received Life Time Achievement Award in recognition for his distinguished services for the growth of Association of Physicians of India Karnataka Chapter during the 40th Annual conference of API (KAPICON 2023) held at Ballari during 11th to 13th August 2023.





2. Felicitated in KRSSDI STATE Conference for his phenomenal contributions to the field of diabetology on 16th December 2023 at Bangalore





Dr. Akila Prashant

Dr. Akila Prashant, Prof & HOD of Biochemistry received award from ICMR for Centre of Excellence in Molecular Biology and Regenerative Medicine as Collaborating center of Excellence (CCoE) on 4th Nov.2023. This award is issued with the objective to develop guidelines, undertake multicentric projects, and enhance capacity building efforts. Additionally, it is important to note that the available resources in each of the CCoEs will be shared among all the centres for the purpose of student training and research. Ours is one among 25 centres from 128 centres applied for this recognition of centre of excellence.

 Dr .Suresh Babu	Dr.M.Suresh Babu, Professor of Medicine, JSS Medical College & Hospital, JSSAHER was awarded the American College of Physicians Distinguished Mentor award for the year 2023 in recognition of his outstanding mentorship in the field of clinical medicine. The award was presented during the American College of Physicians, India Chapter Internal Medicine meeting held at Bhubaneshwar, Orissa on 23rd Sept.2023.
	Dr.Vidya C.S., Prof. & HOD, Department of Anatomy received appreciation award on 6th March 2024 from JSS Ayurveda Medical College for her contribution in the field of Anatomy
 CENTER FOR PROFESSIONAL ADVANCEMENT CONTINUOUS EDUCATION (CPACE) DR. SARVEPALLI RADHAKRISHNAN DISTINGUISHED ASSISTANT PROFESSOR AWARD 2023 ANATOMY CENTER FOR PROFESSIONAL ADVANCEMENT DR. VINUTHA S P	Dr.Vinutha S.P., Assistant Professor, Department of Anatomy received Dr.Sarvepalli Radhakrishnan Distinguished Assistant Professor Award 2023 in Anatomy on the eve of National Teacher's Day celebrations by Centre for Professional Advancement Continuous Education (CPACE), Vijayawada, Andhra Pradesh, India on 5th September 2023.
 Dr. Kusuma K.S	Dr. Kusuma K.S., Asst.Prof. of Biochemistry received Special Appreciation for the research work at AMBICON 2023 30th Annual Conference on 14th to 16th December 2023, CIDCO Convention Centre, Navi Mumbai.  



Dr.Pallavi P, Associate Professor, Transfusion Medicine and Blood Centre, JSS Medical College, JSS Academy of Higher Education and Research attended TRANSCON 2023, 48th Annual National Conference of Indian Society of Blood Transfusion and Immunohematology held at Hotel Clark's Award, Lucknow on 6th to 8th October 2023. She received Excellence Award in Blood transfusion services by ISBTI.



Dr. Sujatha S R, Asst.Prof of Microbiology received International Best Researcher award at ISSN international Science and technology awards congress 2023, Trichy on 28th Oct.2023.



Dr Shweta



Dr.Sunita Singh

Dr Shweta Neminath Kurkuri, Asst.Prof. of Comm. Medicine received Best Paper Award at KACH, Bangalore during 11th & 12th August 2023

Dr Shweta Neminath Kurkuri & Dr.Sunita Singh, Asst. Prof. of Comm.Medicine received Best paper award- First place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023.



Dr. Rajesh Kumar T



Dr.P.A.Mahesh



Dr.P.A.Mahesh, Professor of Respiratory Medicine and Dr.Rajesh Kumar Thimmulappa, Professor of Biochemistry have been recognized as World's Top 2% Scientists for Career Long Publications by Stanford University on 5th Oct.2023.

	Dr.Manjunath S. Shetty, Prof. & HOD of Nephrology received Legacy Award at Nephrology Association of Karnataka (NAK), Bangalore 03-06-2024.
	1. Dr.Laxmi Nagendra, Asst.Professor, Department of Endocrinology, JSS Medical College is honoured with Young Endocrinologist Par Excellence award from Sri Mangubhai Patel, Honorable Governor of Madhya Pradesh at the Research Society for Study of Diabetes in India (RSSDI) Annual Conference at Bhopal on 14-10-2023. 2. awarded with the Best Research Paper at the Annual Kerala State Endocrinology conference on 04.12.2023
	Dr. Arun M, Professor, Dept. Of Forensic Medicine has been awarded FAIMER fellowship from PSG FAIMER Regional Institute, Coimbatore on 1st July 2023.
	Dr.Babu A.R., Asso Professor of E.N.T. has been elected as President of AOI Karnataka branch for the year 2023 during 40th AOICON 2023 held at Nimhans Convention centre on 7th to 10th September 2023

	Dr.Srinivasa Murthy, Professor, Dept. of Pediatrics, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru has been awarded the MOST INNOVATIVE STARTUP OF THE YEAR (Consumer Services Industries) by the Asia Pacific Stevie Awards- 2024. The innovation "Neonatal Feedrail" – which is an innovative device to feed neonates with gravity feeding method in NICU has won the SILVER AWARD in the category on 14-05-2024
 **Dr.Ranjitha Shankaregowda**,	Dr.Ranjitha Shankaregowda Gowda, Assistant Professor, Department of Microbiology, JSS Medical College is one among the 16 handpicked experts across the country from various research platforms to attend the training program funded by Department of Health Research and organised by the premier ICMR institute ICMR-NIRRCH, Mumbai on "Human disease models: approaches, advances and applications" between 6th to 31st May 2024. The training focused on 2D and 3D cell cultures, iPSCs generation, Organ-on-Chip models, 3D organ bio printing, syngeneic and transgenic mice models as well as computational tools for disease-network analysis. In addition, Next generation Sequencing & High content screening techniques were indoctrinated to address the health issues of national relevance
	Dr Shwethashree M & Dr Rashmi S, Asst. Prof. of Comm. Medicine received Best paper award- Second place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023

 Dr.Prabhakar S K	Dr.Prabhakar S K, Prof. & HOD of Ophthalmology received Best Innovation Award at Karnataka Ophthalmic Association (KOSCON 2023), Bangalore from 27th to 29th Oct.2023
 Dr.Bharathi M.B	Dr.Bharathi M.B., Prof. & HOD of E.N.T. received L.H. Hiranandani Oration award topic Primary Parapharyngeal Space Tumours : Diagnostic and Therapeutic Pearls and pitfalls at the Association of Otolaryngology of India (AOICON 2024), Bangalore during 4th to 5th Jan.2024.
 Dr.Soumya H.V	Dr.Soumya H.V., Associate Professor of Ophthalmology received As Teacher for AIOS Gurusangam At Delhi at All India Ophthalmic Association AIOS Gurusangam, Delhi on 18th Feb.2024.

 Dr. T.S. Sathyanarayana Rao	Dr. T.S. Sathyanarayana Rao, Professor of Psychiatry received C.V. Raman Outstanding Distinguished Scientist Award at KL University, Vijayawada on Aug.2023.
	Dr.Y.S,Ravikumar, Prof & HOD, Dept. of Medicine received RSSDI Fellowship at KRSSDI STATE Conference on 16th December 2023 at Bangalore.
	Dr.Mahesh P A, Professor of Respiratory Medicine received As One of the Inspiring Chest Physician of India at Hyatt Regency, New Delhi on 30th Jun.2023.
	Dr.Mamatha S., Prof. & HOD and Dr.K.B.Suma, Professor of O.B.G. felicitated by DC for inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC on 09-02-2024.

ONGOING FUNDED PROJECTS

1. Research Projects

ONGOING

EXTERNAL FUNDED PROJECTS - CONSOLIDATED STATEMENT

Funding Agency	PI/Co PI* & Dept	Collaboration dept	Area of research	Funds in rupees	Instruments	Manpower
ICMR	Dr Hemamlini Anatomy	Biochemistry, Endocrinology, OBG and Surgery	Thyroid Hormone Receptor Gene & Dyslipidemia	5,15,000	Nil	Nil
	Dr. Deepa Bhat Anatomy	Community Medicine	Sickle Cell Disease	19,00,000	Desktop	Scientist -C -01 Project Assistant -02
	Dr.Deepa Bhat Anatomy	Community Medicine	Sickle Cell Disease	11,00,000	Nil	Project Assistant -02
	Dr. Akila Prashant Biochemistry	Anatomy Paediatrics	National Registry for Rare and other Inherited disorders	2,44,000	Nil	Nil
	Dr.M.N. Suma Biochemistry	OBG	Carcinoma cervix	38,00,000	Biosafety cabinet Centrifuge Western blotting unit-12 lakhs	SRF -1 Ph.D enrolled Publication 01
	Dr. Devananda D Biochemistry	Paediatrics JSS Dental College	Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO water	20,41,000	Nil	PA-1
	Dr.Divya P. Kumar Biochemistry	Pathology	Hepatocellular Carcinoma	32,41,000	Nil	PA-01 Ph.D Enrolled Publication - 06
	Dr. M.V.S.S.T. SubbaRao* Biochemistry	JSS Dental College	Chronic Periodontitis in Type 2 Diabetic	18,60,000	Nil	JRF-01
	Dr. Prasanna Kumar S. Biochemistry	Surgical Gastroenterology	NAFLD	44,00,000	Nil	Nil
	Dr. Shobha C R Biochemistry	--	Genes regulating adipogenesis	45,53,000	Real Time PCR Deep Freezer Refrigerator Rs.25,50,000	RA-01
	Dr Rajesh Kumar T* Biochemistry	School of Life Sciences	Millet based dietary fiber for protection of allergic asthma	40,00,000	Anaerobic chamber 6 lakhs	PA-1 Ph.D Enrolled
	Dr. Vidyavathi B Chitharagi Microbiology	Community Medicine	Screening for sexually transmitted infections (STIs) among tribal women population	20,15,100	Nil	Lady Health Care Worker-01 Laboratory Technologist - 01
	Dr NayanabaiShabadi Community Medicine	General Medicine	Epidemiology study on chemical hazards	36,96,817	Nil	SRF -01
	Dr.SubbaRao MVSST	JSS Dental College Public Health	Genomics and sialic acid in oral samples of children receiving multiple blood transfusion	9,35,000	Nil	Nil
	Dr.Praveen Kulkarni Dr.Kishore.M	JSS Dental College	Counselling skills of medical and dental undergraduate students	17,94,560	Nil	E-Module submitted to ICMR

DBT	Dr. Rajesh Kumar T. & Dr.P A Mahesh Biochemistry & Respiratory Medicine	--	Air Pollution Exposures on Lung growth and development of biomarker of lung function	3,50,00,000	Spirometer velocimeter 10 Lakhs	JRF-1 PA-1 FW-3 Ph.D Enrolled
	Dr. Deepa Bhat Anatomy	Biochemistry Paediatrics	Centre for Training Research and Innovation in Tribal Health	17,92,415	Laptop -72,000 Printer – 30,000	Sr.Resident-01
	Dr. Divya P. Kumar Biochemistry	--	Hepatocellular carcinoma	1,13,60,000	PCR machine Amt -200000	PA-02
	Dr. Prasanna Kumar S. Biochemistry	--	Nonalcoholic Steatohepatitis and Hepatocellular Carcinoma	1,13,60,000	Nil	PA-2
	Dr.Praveen Kulkarni Community Medicine	Biochemistry Psychiatry	micronutrient deficiency and cognitive dysfunction	27,50,000	Nil	JRF-1 Publication -01
	Dr. Prashant V & team Biochemistry	Department of Pharmaceutics, Faculty of Life sciences	BUILDER Programme	6,00,00,000	LCMS-2 QTOF Flow cytometer Zetasizer 5 crores	Asst. Professor-3 Research Assistant 04 Ph.D enrolled -2 RA
DST	Dr. M.V.S.S.T. SubbaRao* Biochemistry	JSS CP, Mysore	Olfaction & dementia	40,00,000	Nil	JRF-01 Ph.D awarded
	Dr. M.V.S.S.T. SubbaRao Biochemistry	--	FIST (CEMR Laboratory)	58,00,000	Chemidoc Nucleocounter 50 Lakhs	Nil
	Dr.Madhu B Community Medicine	Dept of Yoga & Biochemistry	Integrated Yoga And Transcendental Meditation By Frontline COVID Warrior	5,50,000	Nil	PA -01 Ph.D Enrolled
	Dr. Divya P Kumar Biochemistry	--	Nonalcoholic Steatohepatitis	30,00,000	Nil	PA-01 Ph.D Enrolled
	Dr. Prashant V Biochemistry	School of Life Science	DST – PURSE	17,36,00,000	NMR, FTIR, Confocal, NGS, Microarray, Ultracentrifuge	Sr.Project Asso – 03 Project Associate – 03 PA – 01 Ph. D – 05 Enrolled
	Dr. Vinay Kumar MB Medical Genetics	Biochemistry	muscle wasting & Cancer cachexia	53,57,240	Nil	JRF-01
KSTA	Miss Nirmala G.S. Biochemistry	--	Hepatocellular carcinoma	35,000	Nil	Nil
TIGS	Dr.Deepa Bhat Anatomy,	Pediatrics, OBG	Hematopoietic stem cell culture and gene editing	2,00,000	Nil	Nil
NACO	Dr. M N Sumana Microbiology	--	EQAS sample distribution and testing	95,00000	Nil	Technical officer-01 Technician-01
	Dr. M N Sumana Microbiology	--	Viral load testing in HIV treatment response	98,00,000	Nil	Technical officer-01 Technician-01
Medgenome	Dr.Deepa Bhat Anatomy,	Pediatrics	Genomic studies & beta thalassemia	Sample collections	Nil	Nil
Medgenome	Dr.Shasthara Neurology	Anatomy,	Genetic analysis of Parkinson disease	Sample collections	Nil	Nil
CFTRI	Dr. M N Sumana Microbiology	CFTRI	Immunomodulation and Gut microbiota	5,00,000	Nil	Nil

IADVL	Dr. Ashwini P K Dermatology	Biochemistry	Oral microbiomes and il-17 in oral lichen Planus	4,00,000	Nil	Nil
	Dr.Vinutha R Dermatology	Biochemistry	Resident Memory T (RM) cells and IL 15 levels in vitiliginous patches	4,70,000	Nil	Nil
NidhiPrayas	Dr.Amulya T.M. ENT	JSS College of Pharmacy, Mysuru IISc Bangalore	Nasal stents : designing	10,00,000	Nil	Nil
Mamta HMIC, New Delhi	Dr Sunil Kumar D Community Medicine	SJCE	Mental Health care Services to Adolescent	1,00,000	Nil	Nil
	Madhu B Community Medicine	MPH	Cost of illness and Diabetes-Specific Quality of Life	1,00,000	Nil	Nil
ISPPD	Dr.Sunil Kumar D Community Medicine	JSS Dental College	Oral health related quality of life	25,000	Nil	Nil
INTERNATIONAL						
University of Arizona	Dr. M.V.S.S.T.Subbarao Biochemistry	Dr. Karl Krupp	CARE study	USD 30,000 (24,98,550)	Nil	Nil
Pfizer- USA	Dr. M N Sumana Microbiology	Dept of Pharmacy Practice	Antimicrobial stewardship	1,00,00,000	Nil	JRF-01
WHO	Dr Tejashree A Microbiology	JIPMER	Surveillance Of Multidrug-Resistance	18,00,000	Nil	Nil
Global Infectious Disease (GID), Fogarty, NIH	Dr.Mahesh P A Respiratory Medicine	--	Global Infectious Diseases	USD 1.1 Million (9,16,13,550)	Nil	Nil
Swedish Heart Lung foundation, Karolinska Institute	Dr.Mahesh P A Respiratory Medicine	--	Molecular patho-mechanism of biomass smoke induced chronic obstructive pulmonary disease	65,00,000	Spirometer (Model: NDDEasyone Air) CO Check Device (Model: CO Check Pro) FeNO Measurement Device (Model: Fenom Pro) FeNo Consumables - Digital License with Filter Finger tip pulse oximeter (Model: Oxy3000) Rs.9,13,000	RA-02
	Dr.Mahesh P A Respiratory Medicine	--	lung micro biome in biomass smoke exposure	46,00,000	Nil	RA-01 Ph.D Enrolled
	Dr.Mahesh P A Respiratory Medicine	--	Adverse effect of outdoor and indoor air pollution	15,00,000	Nil	Nil
University of Birmingham	Dr.Mahesh P A Respiratory Medicine	--	Characterize Asthma and allergic rhinitis in the Indian population	20,00,000	Spiro meter Rs.1,77,000/-	NIL

Google Research, USA	Dr Vikram Patil Radiodiagnosis	--	Objective structured clinical examination in the era of artificial intelligence	5,00,000	Nil	Nil
Humor tech international limited	Dr Nayanabai Shabadi Community Medicine	--	Smart breath analyzer and its validation as a screening tool among diseased and healthy controls	2,00,000	Nil	Nil

Research Projects – Completed (External)

Sl No	Title of the project	Principal Investigator	Collaborati ng Depts	Funding agency	Amount sanctioned	Duration
1	Improving the capacity of health system and community for sickle cell disease screening and management: an intervention study	Dr Deepa Bhat	Anatomy Com Med	ICMR- NTF	70,00,000	2 yrs and 8 months
2	Targeting Key Signaling Cascades Using D-Formin (A Combination of Vitamin-D and Metformin) For Inhibiting Carcinomas Of Breast In Vitro And In Vivo	Dr. M.V.S.S.T. SubbaRao	--	DBT	49.69	3 years
3	Preclinical evaluation of the therapeutic potential of olfaction for treating dementia	Dr.Manjula	Pharmacology, JSS CP, Mysore	DST-CSRI	40.00	5 years
4	Assessing the relevance of Salivary Hemoglobin, Interleukin 6 and Lactate Dehydrogenase Level in determining the Chronic Periodontitis in Type 2 Diabetic subjects with and without tooth loss -- A Case Control Study'	Dr. Nandalal Dr MVSST Subbarao	Department of Prosthodontics, JSS Dental College and Hospital	ICMR	18.6	2 Years
5	Practicing Integrated Yoga And Transcendental Meditation By Frontline COVID Warrior Women To Reduce Perceived Stress, Anxiety And Improve Quality Of Life	Dr.Madhu B	-Dept of Community Medicine, -Dept of Yoga -Dept of Biochemistry	DST-SATYAM	5.5 Lakhs	18 months
6	Post transcriptional modification of Sp 1 transcription factor in Hepatocellular carcinoma (Liver cancer) by Withaferin A.	Miss. Varsha D.S.	-	KSTA	35 thousand rupees	6 months
7	Quercetin acts as a novel regulator of LXR-alpha/VDR in Hepatocellular carcinoma.	Miss. Nirmala G.S.	-	KSTA	35 thousand rupees	6 months
8	Quantitative estimation and comparative assessment of inflammatory cytokines (IL-6 and IL-10) between healthy women and the women with malignant cervical cancers for the development of better diagnostic strategies	Miss. MedhaKarnik S R	-	KSTA	30 thousand rupees	6 months
9	ATP evaluation of anti biofilm and anti microbial efficacy of densive denture cleanser tablet	Dr. Nandlal B	Pedodontics Microbiology	JSSAHER & Group pharmaceuticals	2,62,000	6 months
10	Risk Factors For Post Herpetic Neuralgia Among Patients With Herpes Zoster: A Prospective Study	DR. Shree Lakshmi.B(PI)	Dermatology	IADVL	50,000/-	18 Months
11	Sleep quality among patients with psoriasis	Dr. Ashwini P K	Dermatology	IADVL RESEARCH GRANT	20,000/-	3 months

12	A study of RT-PCR quantificationof 16SRNA and 18-kDa antigen gene targets inassessing the efficacy of multi-drug therapy in leprosy	Dr. Ranugha P.S.S. Assistant Professor	Dermatology	IADVL - L Oreal Indian Hair & Skin Research	4,43,000	3 Yrs
13	Sexual Abuse among Nursing Students and its correlation to coping Skills and Psychiatric morbidity	Nursing College	Psychiatry	RGUHS	0.5 La	2years
15	Rotasiil Vaccine Intussusception Surveilance in Kerala, Karnataka, Maharashtra and Gujarat, India	Dr. Rajani H S Asso. Professor Dept of Peadiatrics	Peadiatrics	Christian Medical College, Vellore	20,79,588.00	03 Yrs
16	Rapid Assessment of Continuum of Care for Diabetes and Hypertension in India	PI: Dr Praveen Kulkarni,	Community Medicine	WHO-ICMR, NCDIR	2,74,575/-	3 months
17	Early identification of metabolic function derangements such as diabetes, liver, renal issues by Humors' smart breath analyzer and its validation as a screening tool among diseased and healthy controls	PI: Dr Nayanabai Shabadi	Community Medicine	Humor tech international limited.	2,00,000	1 year

ICMR Fellowship details

SlNo	Title of the project	Principal Investigator	Collaborating Depts	Funding agency	Amount sanctioned	Duration
1	Oxidized phospholipids and Lipoprotein(a) as a perdictor of severity of coronary artery disease in diabetic patients	Ms.KavyaSugur SRF Dept. of Biochemistry JSS MC, Mysuru	Biochemistry	ICMR	9,23,343.00	3 Yrs
2	Elucidation of Proteasome Dysfunction and Endoplasmic Reticulum Stress in the Pathogenesis of Lung Injury Exposed To Urban Air Pollutants	Mr.Sumit Kumar Dey, Ph.D Research Scholar Dept. of Biochemistry JSS MC, Mysuru	Biochemistry	ICMR	2,53,600.00	2 Yrs
3	Comparative Assessment of Phenolic Compounds, Extracted From Millets, For Inhibiting the Growth of Colorectal and Breast Carcinomas	Mr.Mahadevaswamy K G Ph.D Research Scholar Dept. of Biochemistry JSS MC, Mysuru	Biochemistry	ICMR	13,61,772.00	3 Yrs
4	Co-targeting key oncogenic signalling cascades regulating breast cancer development using vitamin D and anti diabetic agents	Ms.Chaithanya G B SRF Dept of Biochemistry	Biochemistry	ICMR	15,21,600.00	3 Yrs
5	Effect of vitamin D on angiogenesis and oxidative stress induced changes in the glomerular basement membrane during diabetic nephropathy	Ms.Lavanya B R SRF Dept of Biochemistry JSS Medical College Mysuru	Biochemistry	ICMR	15,21,600.00	3 Yrs
6	Study of the efficacy of thymus vulgaris extract to mitigate COPD pathogenicity induced by cigarette smoke extract using an in vitro model	Mr.Mohammed Kaleem Ullah, Ph.D scholar, Dept of Biochemistry, JSS Medical College, Mysuru	Biochemistry	ICMR	12,60,000.00	3 Yrs
7	AATF as a molecular target for the treatment of non-alcoholic fatty liver disease	Ms. Akshatha SRF Dept of Biochemistry JSSMC, Mysuru	Biochemistry	ICMR	1546800	03 YRS.
8	Identifiying the modulatory effect of transcription factors to induce gamma-globin gene in beta thalassemia	Ms.Sumayakausar S Kalaigar SRF Dept of Biochemistry JSSMC, Mysuru	Biochemistry	ICMR	1546800	3 Yrs

9	To study the cross talk between the liver adipose tissue and heart in metabolic syndrome	Ms.Nirmala G S SRF Dept. of Biochemistry, JSS MC, Mysuru	Biochemistry	ICMR	1546800	3 Yrs
10	Evolution of the anti-proliferative potentials of anti-hyperglycaemic agents for retarding the growth of breast tumor cells in vitro and in-vivo	Mr.SivaDallavalasa SRF Dept of Biochemistry JSSMC, Mysuru	Biochemistry	ICMR	1546800	3 Yrs
11	Prevalence of extra-intestinal pathogenic Escherichia coli (ExPEC) to determine disease severity and antibiotic sensitivity among women with type -2 diabetes and urinary tract infection in India - A cross-sectional study	Mrs.Kavitha B C SRF Dept of Respiratory Medicine JSSMC, Mysuru	Respiratory Medicine	ICMR	1546800	3 Yrs
12	Assessing the impact of vitamin-D supplementation in mitigating Type-2 diabetes-induced histopathological changes in the mouse brain"	MsRimshia Naaz SRF Dept of Biochemistry JSSMC Mysuru	Biochemistry	ICMR	2,57,800	3 yrs

UG Student Research Projects – Ongoing

SlNo	Title of the project	PI	Guide	Funding agency	Amount sanctioned	Duration
1	Evaluating the levels of follistation (FST) A Biochemical Marker in older Population with and without sarcopenia	Ms.Sarani Sree Reddy Dumbala	Dr.Kusuma K S Asst. Professor of Biochemistry	ICMR	50,000.00	05 Months
2	Relationship of traffic noise exposure and ambient PM 2.5 levels with arterial blood pleasure perceived stress and sleep quality among street traders at Mysuru city karnataka	Mr.Kaustubh Gaur	Dr.Praveen Kulkarni Professor of Community Medicine	ICMR	50,000.00	05 Months
3	Barriers to vasectomy and its associated socio- demographic variables among the couple who have adopted tubectimy in urban rural and tribal areas	Ms.Muskan Jindal	Dr.Smitha C Asst. Professor of Community Medicine	ICMR	50,000.00	05 Months

Special Interest Group (SIG)

Sl. No	Title of the Project	Name of the Principal Investigator	Department	Grants Sanctioned	Duration
1	Respiratory and Environmental Diseases.	Dr. P A Mahesh Professor of Respiratory Diseases	Respiratory Diseases	300000.00	3 years
2	Cancer Biology and cancer Stem Cells	Dr. MVSST Subbarao Asso. Professor	Biochemistry	1ST -300000 2ND - 300000	3 years
3	Comprehensive Geriatric Care	Dr. Prathibha Periera Asso. Professor	Medicine	300000.00	3 years
4	Public Health	Dr. H Basavanagowdappa Principal, JSSMC	JSSMC	300000.00	3 years
5	Patient Care Management	Dr. H Basavanagowdappa Principal, JSSMC Mrs.Kanakavalli K Kundury	JSSMC	300000.00	3 years
6	"Human Genomics and Rare Disorders".	Dr. Akila Prashant Professor Dept of Biochemistry	Biochemistry	300000.00	3 years

Clinical Trials

S. No.	Name of faculty (Chief Consultant)	Client Organization	Protocol ID	Total amount as per CTA (in Rs)	Amount received for the current year (in Rs)	Current status
1	Dr Prashanth S N	Sun Pharma	SPIL/PC/Prohance junior/ PIV-01-202	18,150/subject	117612	Ongoing
2	Dr Manjappa M	Skanray Technologies	ECG machine	350000	189000	Closed
3	Dr M D Ravi	Biological E Limited	BECT 057/TCV-PIII/CTP-02	1419013	711588	Closed
4	Dr T S S Rao	CBCC Global Research LLP	CBCC/2019/004	1,96,750/Subject	222750	Closed
5	Dr Ravi Kumar Y S	IQVIA	K-877-302	1286279	312034	Closed
6	Dr Soumya H V	Syneous Health UK Ltd(Xbrane)	XBR1001	1488152	67649	Closed
7	Dr Subramanian R	Klineria	GS-US-417-0304	12,96,683/Subject	72690	Ongoing
8	Dr M D Ravi	Diagnosearch Pvt Ltd	SII-WHEXA-IN/02	4582777	1397927	Closed
9	Dr Srinath K M	CBCI	TIPS-03	980000	21193	Closed
10	Dr Soumya H V	Syneous Health UK Limited(Quilu)	QL1205-002	1755406	205600	Closed
11	Dr M D Ravi	IQVIA	MET-55	16,898/subject	551147	Closed
12	Dr Narayanappa D	GlaxoSmithKline (GSK)	RSV MAT 09	2,66,862/subject	3540024	ongoing
13	Dr Shilpa Avarebeel	Biological E. Limited	BECT074	34,387/subject	211048	ongoing
14	Dr Vikram Patil	Skanray Technologies Limited	Skan-C, Skan Mobile-DR,Skan-HF	520675	520675	Closed
15	Dr T S S Rao	Clianta Research Ltd	PALI-ISR-1002	2,70,150/Subject	2043494	ongoing
16	Dr T S S Rao	Clianta Research Ltd	C2A00324	2,92,000/Subject	677302	ongoing
17	Dr Prathibha Pereira	Bharath Biotech International Ltd	BBIL-BBV/152/154-2021	3187095	1275383	Closed
18	Dr Deepthi Thandaveshwara	Johnson & Johnson Private Limited	VAC31518COV3006	2,44,000/subject	2935440	ongoing
19	Dr T S S Rao	Clianta Research Ltd	C2A01319	3,35,020/subject	417852	ongoing
20	Dr Deepthi Thandaveshwara	CBCC Globlal Research LLP India	CBCC/2020/029	2129338	1987318	Closed
21	Dr M D Ravi	Iqvia RDS(India) Pvt. Ltd	SII-PENTA/IN-02	1133600	574550	Closed
22	Dr Gurudatt C L	Abiogenesis Clinpharm Pvt Ltd	TML/REMI-01	36,965/subject	1683191	ongoing
23	Dr Mahesh P A	QED Clinical Services	AP-019	1357020	1357020	Closed
24	Dr Prathiba Pereira	JSS Medical Research India Pvt.Ltd	DRL-SLB-007	53,300/subject	359791	ongoing
25	Dr M D Ravi	Biological E. Limited	BECT072	44,550/subject	467174	ongoing
26	Dr Shilpa Avarebeel	JSS Medical Research India Pvt.Ltd	RDI-GCV-001	2393342	54000	Closed
27	Dr P A Mahesh	Pharm Olam International (India) Pvt Ltd	AR-301-002	249650	194400	Closed
28	Dr Veeranna S	GlaxoSmithKline (GSK)	Zoster-081	59,000/subject	1345679	ongoing
29	Dr Jayaraju B S	Paraxel International Pvt Ltd	SG018	183874	183874.32	Closed

30	Dr M D Ravi	Sanofi Health Care	SH600004	553289	162326	Closed
31	Dr Praveen Kulkarni	PPD Pharmaceuticals	ICMR/SII-COVOVAX Adult		1978517	
32	Dr Jaishankar	Skanray Technologies Limited	SKAN-RAD (Dental)	139200	161472	ongoing
33	Dr Praveen Kulkarni	PPD Pharmaceuticals	ICMR/SII-COVOVAX Pediatric		567830.5	
34	Dr Subhash Chandra B J	Diagnosearch Life Sciences Pvt. Ltd	GBL/HGO20/2021/01	Phase II- 44,900/ subject Phase III- 48,900/ subject	650432	ongoing
35	Dr T S S Rao	Clianta Research Ltd	C2A00692	2,39,675/Subject	413261	Closed
36	Dr T S S Rao	Clianta Research Ltd	C2A00946	2,38,250/subject	379986	Closed
37	Dr Akshay H M	Syngene International Pvt. Ltd	EX003	5,08,250/subject	108000	Closed
38	Dr Narayanappa D	GlaxoSmithKline (GSK)	RSV MAT 12	1,54,500/subject	990800	ongoing
39	Dr Soumya H V	Iqvia RDS(India) Pvt. Ltd	OPT-302-1004	Approx 65,221/ subject	54000	ongoing
40	Dr Jayaraju B S	Paraxel International Pvt Ltd	0135-0347	162000	162000	Closed
41	Dr Praveen Kulkarni	PPD Pharmaceuticals	ICMR/SII-COVOVAX Booster	18,748/subject	203400	Closed
42	Dr Sunil Kumar S	Center for Chron	Topsin (0315-0347)	11,800/Subject	108000	Ongoing
43	Dr Akshay H M	Syngene International Pvt. Ltd	LYT-100	108000	108000	Closed
44	Dr T S S Rao	Clianta Research Ltd	C2A01730	3,58,000/Subject	107730	Closed
45	Dr Prathibha Pereira	Abiogenesis Clinpharm Pvt Ltd	HBI/Deng/I/2020/003.01.00	51,862/Subject	112022	Ongoing

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators	Study duration in months	Sample size	Number of ionised magnesium to be tested	Number of total magnesium to be tested
1	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.	24	350	1050 (54 done)	1050
2	Comparison of Spot serum Creatinine estimation by StatSensor Creatinine meter and Serum Creatinine estimation by conventional enzymatic method	Dr Manjunath S Shetty Dr Manoj C Dr. Abhijith	24	600	600	600
3	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr.Suma K.B. DR Srinivasa Murthy Dr Kusuma K.S.	06	100	200	200
4	Ionised magnesium level in children admitted to pediatric intensive Care unit at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Akila Prashant, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	400	400 (114 done)	400

5	Ionised magnesium level in children with acute covid 19 infections And post covid mis - c admitted under Paediatric department at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Swetha NK, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni.USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	50	50 (18 done)	50
6	Reference range for whole blood ionized magnesium in healthy children Between 0-19 years of age.	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Shobha CR, Dr.Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	1000	1000	1000
7	A Correlation between total and ionised Magnesium levels in Chronic Heart Failure patients with reduced ejection fraction pilot study.	Dr. Manjappa, Dr. Swetha NK	12	130	130 (87 done)	0
8	Correlation between total and ionised Magnesium levels in Acute decompensated Heart Failure (ADHF) and Acute Coronary Syndrome (ACS) patients in a tertiary care hospital.	Dr. Manjappa Dr. Prashant Vishwanath,	12	100	100 (20 done)	0
9	Unrecognised ionised hypomagnesemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vishwanath,	12	50	50 (8 done)	0
10	Effects of therapy on estimated plasma volume (ePV) in patients with acute decompensation of chronic heart failure: A prospective observational study.	Dr. Manjappa, Dr. Kusuma KS	12	50	50	0
11	Ionized magnesium levels in critically ill Covid- 19 patients and its effects on the severity and patient outcomes	Dr. Akshay H. M, Dr. Sahana KR	24	350	350(50 done)	350(50 done)
12	Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti, Dr.Sushma, Dr.Akila Prashant	06	30	30	30
13	Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti, Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK	06	34	34	34
14	Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma, Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha	12	300	300	300

Research Projects– Ongoing (JSSAHER)

Sl. No	Title of the Project	Name of the Principal Investigator/Mentor & Department	Sanctioned Date	Grants Sanctioned	Dura-tion
1	"Development of antidiabetic bioactive peptides from cow colostrum"	Dr.Nagma Firdose Senior Resident of Pharmacology, JSS MC, Mysuru	01.10.2021	50,000.00	01 Yr. 06 Months
2	Detection of Omicron variants in SARS COV-2 and its clinical Presentations among COVID-19 patients	Dr.Vidyavathi B. Chitharagi Asst. Professor of Microbiology, JSSMC, Mysuru	27.05.2022.	55,000.00	01 Yr
3	Evaluating blood Netrin-1 level in Colorectal cancer patients	Dr.Aradya H.V. Asst. Professor of Medical Gastroenterology, JSSMC, Mysuru	27.05.2022.	1,00,000.00	01 Yr
4	"Changes in AKT signaling cascade in brain of diabetic mice with and without vitamin D treatment".	Dr.Vijaya Vageesh Y Asso. Professor of Physiology, JSSMC, Mysuru	27.05.2022.	50,000.00	01 Yr
5	Whole genome sequencing of SARS-CoV-2 with correlation of disease severity among ICU patients and outpatients.	Dr.Ranjitha Shankare Gowda Asso. Professor of Microbiology, JSSMC, Mysuru	27.05.2022.	76,640.00	01 Yr
6	Studies on cow colostrum bioactive peptides as a modulator of Peroxisome Proliferator-Activated Receptor-y (PPAR-y) targeting obesity and metabolic disorders	Dr.Manu G Asst. Professor of Pharmacology, JSSMC, Mysuru	27.05.2022.	50,000.00	01 Yr
7	"Correlation of potential serum biomarkers (amyloid beta-42, Ptau protein,VitaminBl2 and Acetylcholinesterase) with cognitive, functional and behavioral tests to screen the severity of Alzheimer's disease. A Case control study"	Dr. Vidya C S Professor & Head, Dept of Anatomy JSSMC, Mysuru	06.10.2023.	1,82,624.00	01 Yr
8	Study on the Osteoprotective efficacy of Calcium rich functional food formulation for Rheumatoid arthritis	Dr.Subramanian R, Professor & HOD of Rheumatology JSSMC, Mysuru	06.10.2023.	2,50,000.00	01 Yr
9	A Feasible 2 Dimensional Score to Interpret Patch Test Results for Patients Scnt Images Using Mobile Messenger Apps in Allergic Contact Dermatitis -A Comparative Study	Dr.Kanthraj G R Professor & HOD, Department of Dermatology JSSMC, Mysuru	06.10.2023.	2,90,000.00	01 Yr
10	Delineating the mechanisms underlying hyperglycemia mediated muscle atrophy in Drosophila melanogaster	Dr.Vinay Kumar M B Assistant Professor, Dept of Medical Genetics, JSSMC, Mysuru	06.10.2023.	3,00,000.00	01 Yr
11	Formulation of a Specialized Topical Serum for Alleviating Extreme Dryness in Psoriasis: Enhancing Moisturization and lmproving Skin Health.	Dr. Satish A M Professor & Head, Dept of Pharmacology JSSMC, Mysuru	06.10.2023.	2,90,000.00	01 Yr

12	Spatial mapping of microbial populatioon in soil surrounding the hospital/industry	Dr.Sumana M N Professor & Head Dept. of Microbiology JSSMC, Mysuru	18.01.2018	10,00,000.00	5 Yr
13	The role of air pollution and pollen exposure on asthma Mysore, India	Dr.B.S.Jayaraj Professor JSSMC, Mysuru	18.01.2018	10,00,000.00	5 Yr
14	“Antitumor activity of Nrf2 modulating factor of Anacyclus pyrethrum using EAC solid tumour model”	Dr.C.Akhila PG Student, Dept. of Pharmacology, JSSMC, Mysuru	15.02.2022	25,000.00	01 Yr
15	Genotyping and Feo-spatial Mapping of Dengue Genotypes from a tertiary care hospital situated in Mysuru, South India	Ms.Chinchana E S M.Sc., Student,Dept. of Microbiology, JSSMC, Mysuru	27.05.2022.	25,000.00	01 Yr
16	Comparative evaluation of triglyceride to Glucose index and HOMA-IR in assessing the insulin resistance in Type 2 Diabetes and metabolic syndrome.	Ms.Najmunnissa, M.Sc., Student of Biochemistry, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
17	Assessment of PCT and CRP in prognosis of patients with fever and Respiratory infections during Covid 19 pandemic	Ms.Apoorva S, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
18	Latent TB Infection among Health care workers and their Risk Factors in a tertiary care Hospital situated in Mysuru South India A cross sectional observation study	Dr.Sahira Banu, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
19	In vitro effect of colistin on vancomycin susceptibility against methicillin resistant staphylococcus aureus	Ms.Sahana A P, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
20	Evaluation of antioxidant capacity of vitamin C enriched foods in human volunteers.	Ms.Miryala Bhanu Prakash, M.Sc., Student of Biochemistry, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
21	Evaluation of Disc diffusion susceptibility testing on early growth with reduced turnaround time (TAT)as an alternative method to conventional Kirby-Bauer Antimicrobial susceptibility testing	Mr.Gowtham R, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
22	Evaluation of ELFA in diagnosis of early Dengue infection among suspected cases of acute febrile illness attending a tertiary care hospital	Ms.Srividya M S, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
23	Assessment of Procalcitonin as a marker of bacterial blood stream infections in pediatric population	Ms.Bindu S, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
24	Phenotypic characterization of dermatophytes and comparison of Disk diffusion and E-strip methods for antifungal susceptibility testing among dermatophytes	Ms.Nayana G, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr

25	Evaluation of serum lipid peroxidation inhibition capacity in type 2 diabetic subjects and healthy subjects.	Ms.Gayathri G P & Mr.Gowtham B N, M.Sc., Student of Biochemistry, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
26	Genetic characterization of VRE isolated from diabetic foot ulcer in a tertiary care hospital in Mysuru, South India"	Ms.Greeshma, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
27	Study of bacterial respiratory pathogens among patients admitted with fever and respiratory symptoms	Ms.Monica N, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
28	In vitro Synergistic activity of Fosfomycin-Colistin against Carbapenem resistant Klebsiella pneumonia	Mr.Chethan Kumar P, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
29	Evaluation of direct susceptibility testing in positive blood cultures for timely detection of antibiotic resistance	Mr.Morrow Minteh, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
30	Diagnostic utility of procalcitonin to determine Gram-negative, Gram-positive bacterial and fungal bloodstream infections.	Ms.Apurba Anshuman Mishra, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
31	Use of ceftazidime/ avibactam as a therapeutic option for multidrug resistant gram –negative blood stream infections based on its susceptibility profile	Mr.Sreejith R, M.Sc., Student of Microbiology, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
32	Evaluation vitamin c levels after administration of Vitamin C enriched foods in healthy human volunteers.	Ms.Aishwarya K M, M.Sc., Student of Biochemistry, JSSMC, Mysuru	29.09.2022.	25,000.00	01 Yr
33	Assessment of the genotypic and allelic frequency of CVP2C9 [rsl057910 and rs1799853] in the healthy population of Mysuru"	Ms.Jayashree N Hegade, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	31.03.2023.	25,000.00	01 Yr
34	Association of ESRI gene polymorphism with Pre-Menstrual Dysphoric disorder in South Indian women	Ms. Shuchi O C M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	31.03.2023.	25,000.00	01 Yr
35	Correlation of DNMTI and lipid profile in healthy obese individuals"	Ms. Sindhu S and TasmiyaArbeen M M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	31.03.2023.	25,000.00	01 Yr
36	Role of IL..6 in myogenic differentiation and its effect on methyl-transferases	Ms. RajashriMundada, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	31.03.2023.	25,000.00	01 Yr
37	A study correlating the expression of erythrocytes Glucose 6 phosphate dehydrogenase with osmotic fragility in Diabetic patients	Ms.A Anantha Bhanusree and Ms.Samanmitha S M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	31.03.2023.	25,000.00	01 Yr

38	Association of 161C>T(rs7668258), polymorphism with the risk of epilepsy and drug resistance in Indian epileptic patients"	Ms. Neha Ranjith, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	31.03.2023.	25,000.00	01 Yr
39	Frequency of SNP 802C>T(rs7439366) in Indian Epileptic patient and its association to drug resistance"	Ms. Nagashree K S M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	31.03.2023.	25,000.00	01 Yr
40	Evaluation of Aldehyde Dehydrogenase 1 Expression In Breast Carcinomas: Association with Molecular Subtypes	Dr. Aswathy N V PG Student, Dept of Pathology JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
41	Evaluating Capsaicin as A Potential Therapeutic Regimen to Combat Fatty Acids Induced Steatosis Through RNA Induced Silencing Complex (RISC) mediated pathway.	Ms.Varsha Dilip Shiragannavar Research Scholar, Dept. of Biochemistry JSSMC, Mysuru.	06.10.2023.	25,000.00	01 Yr
42	Association of VDR gene polymorphism with obesity among young adults – A cross – sectional study.	Ms.Sushma M and Ms.Thrupthi Rai M.Sc Medical Biochemistry JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
43	Phytochemical profiling and evaluation of Antiangiogenic effect of Hydroethanolic fruit extracts of Benincasa Hispida	Ms.Devika Dayanandan M.Sc Medical Biochemistry JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
44	Evaluation of Hypoglycemic Effect of Benincasa Hispida Fruit Extracts Using in Vitro Cell lines	Ms.Rohini Kulkarni M.Sc Medical Biochemistry JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
45	Study of Immunohistochemical Expression of BRAF in Colorectal Carcinoma	Ms.V G Janani PG Student, Dept of Pathology JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
46	A Study to know the impact of Glycemic Control on Erythrocyte Superoxide Dismutase levels in Controlled Diabetics.	Mr.Balusupati Gopikrishna 2ndYear, M.Sc Medical Biochemistry JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
47	A Study to know the impact of Glycemic Control on Erythrocyte Super Dismutase levels in Uncontrolled Diabetics	Ms.Athira Ramdas 2ndYear, M.Sc Medical Biochemistry JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
48	Unravelling the novel role of Hesperidin in high calorie diet induced steatosis model via modulating the PPAR-y/NF-kB signalling pathway.	Ms.Nirmala G S Research Scholar, Dept. of Biochemistry JSSMC, Mysuru.	06.10.2023.	25,000.00	01 Yr
49	"Correlation of systemic oxidative stress status and abdominal adiposity in T2D patients for CVD risk stratification".	Mr.Lohithkumar K & Ms.Krishnapriya M M.Sc., Student, M.Sc., Medical Biochemistry JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
50	"Medical Technology based smartphone Application in the Management of Cancer"	Dr.G Hari Prakash Ph.D Student, Dept of Community Medicine, JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr

51	Study of Immunohistochemical Expression of BRAF in Thyroid Neoplasmis	Dr.P U Vishnuprasad PG Student, Dept of Pathology JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
52	Glomerular C4D Deposition In Proliferative Glomerulonephritis : A Clinico-Pathological Study	Dr. Gitanjali N Warrier PG Student, Dept of Pathology JSSMC, Mysuru	06.10.2023.	25,000.00	01 Yr
53	Elucidating the genetic association of MDRI variants with variable Phenytoin drug response in epilepsy patients from Mysuru.	Ms. Shravani C PG Student, Dept. of Medical Genetics, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
54	Clinical study of intraocular pressure and ocular perfusion pressure among normotensives, treatment naive hypertensives and chronic hypertensives on treatment.	Dr.Aishwaryya Raj PG Student, Dept. of Ophthalmology, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
55	Effectiveness of smartphone application in the management of hypertension among hypertensive patients attending health care setting in Mysuru city.	Dr.Annaram Ravali PG Student, Dept. of Community Medicine, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
56	Comparison of outcomes between use of electrosurgery and ultrasonic scalpel in Total laparoscopic hysterectomy in a tertiary care hospital in South India.	Dr. Srinidhi Govindarajan PG Student, Dept. of OBG, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
57	Association of Genetic Variations in Recurrent Pregnancy Loss in tertiary care hospital-based study: Pilot study.	Mr.Junjunuri Jyothi Kiran PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
58	Utilization of next-generation sequencing for the elucidation of monogenic causes of neurodevelopmental diseases.	Mr.Amogh T PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
59	Dissecting the genetic association of SCN1A variation with Levetiracetam drug response in epilepsy patients from Mysuru.	Mr.Deepak R PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
60	Design validation and clinical implementation of a portable device-based visual acuity test for remote Eye care assessment among school children.	Mr. Krishnamurthy K V PG Student, Dept. of Community Medicine, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
61	Exploring PPARG gene polymorphism (rs3856806) in young adults: Obesity association and links to Vitamin D levels.	Mr.Raveen N Gowda PG Student, Dept. of Medical Genetics, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
62	Role of G9a activity in myogenic differentiation inhibition under inflammatory conditions	Mr.Sudhir Kumar PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.

63	Genetic Variability in PPARG gene (rs1801282) and its association with anthropometric traits in study populations.	Ms. Cylvia Alphones PG Student, Dept. of Medical Genetics, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
64	Clinical significance of pvl and agr genes detection in methicillin resistant staphylococcus aureus (MRSA) infections.	Ms.Eeshita Dhar Ph.D., Scholar, Dept. of Microbiology, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
65	Genetic screening of CYP2C9 gene variants to find out their association with Phenytoin drug response in Epilepsy patients belonging to Karnataka.	Ms.Bhavana B PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
66	Defining the role of small molecule intervenors for efficient iron management in beta thalassemia.	Ms.Chandana H B PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
67	Genetic Deletion Patterns of SERFt/ H4F5 (C212marker) Genes in Spinal Muscular Atrophy: A Comprehensive Study.	Ms. Deepashree TS PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
68	Analysis of G9a protein expression and its stability in myotubes under inflammatory conditions.	Ms. Vanishree K PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
69	Association of genetic variations in recurrent Pregnancy loss In Southern Karnataka population: A Tertiary Care Hospital Based study.	Ms.K V Pallavi PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
70	Genetic Deletion Patterns of NAIP Genes in Spinal Muscular Atrophy: A Comprehensive Study.	Ms. Parinitha SS PG Student, Dept. of Medical Genetics, JSSMC, Mysuru.	18.03.2024	25,000.00	01 Yr.
71	Identification and characterization of small molecule inducers of hepcidin expression in thalassemia.	Ms.G Nishitha Mouli PG Student, Dept. of Medical Genetics, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
72	Genomic profiling of Neurodevelopmental disease using exome sequencing.	Ms. Mannah Achu Alex PG Student, Dept. of Medical Genetics, JSSMC, Mysuru	18.03.2024	25,000.00	01 Yr.
73	Economic cost effectiveness of FRAX based osteoporosis treatment thresholds for India.	Dr.Lakshmi Nagendra Associate Professor of Endocrinology, JSSMC, Mysuru	18.03.2024	50,000.00	01 Yr.
74	Estimation of relation between salivary Leptin- Ghrelin ration and Body Mass Index in people with HIV receiving ART drugs.	Dr.Kalabharathi HL Professor of Pharmacology, JSSMC, Mysuru	18.03.2024	1,36,000.00	01 Yr.
75	Effect of more than twelve weeks of steroids for renal indications in children on bone mineral density.	Dr.Sowrabha R Assistant Professor of Nephrology, JSSMC, Mysuru	18.03.2024	1,51,250.00	01 Yr.

76	Development of qPCR and SYBR green based Loop Mediated Amplification Assay for Rapid Detection of Uropathogens with drug resistant genes directly from urine sample.	Dr.M N Sumana Professor of Microbiology, JSSMC, Mysuru.	18.03.2024	2,97,000.00	01 Yr.
77	Comparison of the insertion of king vision videolarangoscope using airway spatula technique with standard technique.	Dr.Vinoth Kumar N V Assistant Professor of Anaesthesilogy, JSSMC, Mysuru.	18.03.2024	1,00,000.00	01 Yr.
78	Generation of Hepatocellular Carcinoma Spheroids for Epigenetic and Spatiotemporal Transcriptome Characterization.	Dr. Vinutha SP Assistant Professor of Anatomy, JSSMC, Mysuru.	18.03.2024	3,00,000.00	01 Yr.

Research Projects – Completed (JSS AHER)

Sl No	Title of the project	PI	Guide	Funding agency	Date of sanction	Amount sanctioned	Duration	Remarks
1	Delineating the mechanism(s) of cell death induced by Diallyldisulfide (DADS) in vitro	Dr. Sujatha P.		JSSAHER	25/09/ 2019	50,000	02 Years	Completed
2	Association of genotypic pattern of obesity related genes with the cardiometabolic paprameters among young adults with and without family history of obesity	Dr. Shobha C. R.	Dr Prashant Vishwanath	JSSAHER	25/09/ 2019	50,000	02 Years	Completed
3	Development of facemask coated with curcumin to inactivate SARS-COV-2 and mitigate the spread of COVID-19	Rajesh Kumar T	-	JSSAHER	30/05/ 2020	1,00,000/-	06 Months	Completed
4	Role of Androgen Receptor (AR) in Determining Response to Neoadjuvant Chemotherapy (NAC) in Triple Negative Breast Cancer (TNBC) Patients	Dr. M.V.S.S.T. SubbaRao (Pathology)	-	JSSAHER	06/10/2020	5,00,000/-	02 Years	Completed
5	Evaluation of utility of miR-379/656 cluster network in Hepatocellular carcinoma	Dr. Prasanna Kumar S	Dr. Akila Prashant	JSS AHER	May 2023	300000 Rupees	2 years	Completed
6	Comparison of antimicrobial susceptibility testing methods for colistin against carbapenem resistant Enterobacteriaceae in a tertiary care hospital of Southern India	Dr Deepashree R	Dr Sujatha S R	JSSAHER		50,000/-	2 years	2 publications

7	Genotypic characterization of Mycobacterium tuberculosis isolated from tuberculosis patients with and without diabetes	Mohammed Kaleemullah	Dr. Prashant Vishwanath	JSSAHER	25/09/ 2019	25,000	03 Years	Completed
8	Detection of antibiotic resistance gene pattern in clinical isolates of Escherichia. coli & Klebsiella. pneumoniae using multiplex PCR in the impact of management in patients diagnosed with sepsis.	Nishitha R Kumar	Dr. Akila Prashant	JSSAHER	31/05/ 2019	25,000	03 Years	Completed
9	Regulation of oncogenic pathway by melatonin in breast cancer	Ms. Bhoomika Inamdar	Dr. Akila Prashant	JSSAHER	01/10/2021	25,000/-	01 Year	Completed
10	Identifying the differentially expressed micro RNAs in healthy individuals and β-thalassemia patients	Sumayakau-sar S Kalaigar	Dr. Akila Prashant	JSSAHER	24/02/2022	25,000	01 Year	Completed
11	Global DNA methylation leading to reduced adiponectin levels as an underlying mechanism for obesity in healthy adults	Syeda Meherunnisa	Dr. Prashant V	JSSAHER	15/02/2022	25,000	01 Year	Completed
12	Developing a low-cost protocol for screening the newborns for spinal muscular atrophy using dried blood spot	Anju S	Dr. Prashant V	JSSAHER	15/02/2022	25,000	01 Year	Completed
13	Detection of clostridiodes difficile toxin from patients with diarrhea in a tertiary care hospital, Mysuru	Ms. Gloris Joseph	Dr. Ranjitha	JSS AHER	29-9-2022	25,000	2 years	
14	Assessment of Procalcitonin as a marker of bacterial blood stream infections in pediatric Population.	Bindu S	Dr Vidyavathi B Chitharagi	JSSAHER		25,000	1 year	Degree awarded
15	Phenotypic characterization of dermatophytes and antifungal susceptibility pattern of dermatophytes to itraconazole and fluconazole	Nayana G	Dr Vidyavathi B Chitharagi	JSSAHER		25,000	1 year	Degree awarded

16	Evaluation of Disc diffusion susceptibility testing on early growth with reduced turn around time (TAT) as an alternative method to conventional Kirby bauer antimicrobial susceptibility testing	Gowtham R	Dr. Sowmya G S	JSSAHER		25,000	1 year	Degree awarded
17	Detection of Biofilm forming multi drug resistant uropathogens with special reference to diagnostic stewardship in urinary tract infections	Mallikarjun Swamy S	Dr. Sowmya G S	JSSAHER		25,000	1 year	Degree awarded

Research Collaborations & Consultancies

Sl No	Collaboration with Institution name	Area	Objectives	Outcomes	Financial details	MOU/MOA
	Anatomy					
1	Institute of Public Health	Hemo globinopa-thies	CTRITH	India Alliance Wellcome trust project	Granted	MOU
2	Tata Institute for Genetics and Society (TIGS)	Genetics	Joint research in disease biology, community engagement in the field of blood disorders and social science research in understanding the challenges and needs of patients with blood disorders between the JSS Medical College, Mysuru (JSSMC, Mysuru) and the Tata Institute for Genetics and Society (TIGS).	Ongoing re-search	--	MOU
3	Bodoland Universi-ty, Assam	Cognitive abilities among SCD children	Cognitive abilities between hydroxy urea treated & untreaded SCD children	Ongoing re-search	1500000	Research col-laboration
			Biochemistry			
4	CSIR-CFTRI and JSS STU, Mysore	AI and Dia-betes	To develop a personalized meal plan for individuals with diabetes using artificial in-telligence	The project is currently ongoing	CFTRI – 1.5 Lakhs JSS STU – 1.5 Lakhs	MOA
5	Bangalore Baptist Hospital	Spinal Muscular atrophy	Standardizing and developing a PCR-based diagnostic tool to identify SMN1 exon7 de-letion.	The study aims to develop a PCR-based diagnostic tool to identify the homozygous deletion of the SMN1 gene and to standardize it to a low-cost assay by per-forming simple conventional PCR methods.	-	MOU

6	Center for cellular & Molecular Biology, Hyderabad	Genetics of Diabetes Mellitus	Research Collaboration	Initiated the project	Rs 2,00,000/- received from CCMB to JSSAHER	MOU
7	The Genomic Medicine Foundation UK (GMF-UK)	Medical genomics	To formulate multi-centric collaborative research and development projects in Medical Genomics. • To publish outcomes of joint research collaborations in peer reviewed open access biomedical journals and online resources. • To develop protocols and establish links for providing quality molecular diagnostic laboratory services at JSS Hospital and Medical College.	Protocol development for genomic diagnosis – ongoing	--	MOU
8	Public Health Research Institute of India	Cervical Cancer	Screening of women for cervical cancer using HPV kit and collaborative publications	Screening activities are going on	--	MOU
Medical Genetics						
9	Indian Institute of Science	Cancer and Diabetes	Research and academic collaboration	Ongoing		MOU signed
Pharmacology						
10	Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare	Caner Biology	1. To collaboratively undertake research on finding novel drug targets, isolation of compounds of medicinal value from herbal products.24. To share competent and relevant services like providing Ayurvedic formulations to ensure quality research in finding novel drug targets. 5. To undertake joint scientific projects in the field of drug development.	1 Publication-Pharmacological profile of Shiva Gutika: an uncharted and versatile polyherbal drug-Published in ALL LIFE International journal (March-2021) *One project computed (Rs.40000/-JSSAHER Fund)-Screening of anticancer activity of Ayurvedic formulations on breast cancer cell lines One Faculty pursuing Ph.D	Shivagutika capsules are supplied Each bottle costs Rs 500 for 50 capsules	MOU
11	The Leads Clinical Research and Bio-services Pvt. Ltd, Bengaluru	Pre clinical trials	Conduct of Clinical - Preclinical trials at JSS Medical college and hospital Exchange of facilities and expertise for collaborative or Independent research and publications based on the policies of both entitle	Ongoing	--	MOU

12	Defence Food Research Laboratory, (DFRL) Mysuru	Pre clinical / clinical studies in the development of food products.	1. To facilitate ethical clearance in conducting human/clinical trials of food products. 2. To identify other areas of possible interest and collaboration. 3. To identify opportunities for exchange of faculty and research staff.			Type of Agreement: MOU Date of Signing the Agreement: 31.10.2019 Duration of Agreement: 5 Years
Pathology						
13	JSS Science and Technology	Artificial Intelligence	Automatic tool for generation of electronic health records for breast carcinoma using pathology information	---	Nil	MOU
14	JSS Science and Technology	Artificial Intelligence	Normalization and Classification of Histopathology Electronic Health Records on Breast Cancer Using Nlpand Ml Approaches	---	Nil	MOU
15	Regional Cancer Centre, Trivandrum	Cancer Research	Student exchange, Collaborative research projects and publications	---	---	MOU
Microbiology						
16	CMC Vellore	Bacteriophage therapy	To access the activity of bacteriophage against MDRO GNB	Work is in progress- Review article	NIL	MOU
17	Shastra University	Biofilm	To access the activity of Hypoxanthocyanidine against the biofilm	Work in progress	NIL	MOU
Community Medicine						
18	Swami Vivekananda Youth Movement, Mysore	Tribal health	• To collaboratively undertake health care research especially focused on public health • To share competent and relevant human resources for training health care professionals. • To undertake joint consultancy assignment in public health.	Ongoing research	---	MOU
19	Institute for Global Public Health Frank H. Netter MD School of Medicine Quinnipiac University, USA	Global public health	Joint or co- operated scientific research in selected areas of mutual interest.	Ongoing research	Project based Two publications	MOU
School of Public Health						
20	GRAAM	Urban Youth Governance	To develop students of MPH with professionalism, leadership and to be socially responsible youth of the nation. • To Build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. • To Mentor students in the space of urban governance and to conduct group research, for in-depth understanding of the urban governance issues. • To embrace the challenges of the 21st Century by being part of the governance system and to find innovative solutions to new age challenges	Fellowship program for 7 MPH students		MOU

21	University of Arizona	International Collaboration for empowering Public Health Education	To work jointly in developing and implementing research with regard to health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage. Joint PhD programme & internship training	Faculty exchange program under Full bright Scholarship		MOU
22	Piramal Swasthya	Public Health, Tribal Health	Collaborative research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, neglected tropical diseases and other key elements of health for all and universal health coverage.	Internship for 3 students in 2022		MOU
23	Novartis	Sickle Cell Disease, Health system strengthening	Objective 1: Identification of Mentors & Formation of state specific SCD Technical Committee to conceptualize and implement SCD care model in the region Objective 2: Education & Certification Program of HCPs managing SCD in Karnataka Objective 3: Development of SCD management protocol: Objective 4: Defining the way forward charter to establish Integrated SCD	SCD care model project proposal submitted		MOA
24	Institute of Public Health, Bengaluru	Public health	To work jointly in developing and implementing research, including but not limited to research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage.	Ongoing research	--	MOU
			General Medicine			
25	MPMRT	Thyroid dysfunction among pregnant women	Thyroid dysfunction and thyroid autoimmunity in women with iron deficiency anaemia in early pregnancy	Ongoing research	--	MOU
			Radio-Diagnosis			
26	Nesa MedTech	Uterine fibroids	RFA of Fibroid	Development of new method for treatment of Fibroids is being tested on specimens.	DBT	Collaborative Research Agreement
27	iMERA.AI (UK)	AI	Efficacy of deep learning algorithms in reporting MSK Radiographs	Development of Software is going on	10Lakshs Grant	Collaborative Research Agreement
28	Aikenist	AI	Fast MRI	Evaluation going on	Free software provided	Collaborative Research Agreement
	Dermatology					

29	JSS Academy of Technical Education, (JSSATE), Bengaluru	Biomedical applications in wound therapy	To provide laboratory facilities for determination of the antimicrobial activities Evaluation of rationally designed novel peptide-based biomaterials prepared by Faculty from JSSATE, Bengaluru and their students towards the biomedical applications such as wound therapy and tissue engineering. Development of novel material for the prevention of adhesions such as catheter coating.	Ongoing	--	MOU
	Respiratory Medicine					
30	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter	Ongoing research project	--	--
31	Indian Institute of Technology-Bombay (IIT-B), Mumbai	Air pollution and lung function	Lung function in children and effects of long term exposure to traffic induced pollution	Ongoing research	--	MOA
	Urology					
32	USI & KEM hospital, Mumbai	Urology-Prostate	Audit of patients characteristics and surgical practices of management of BOO due to BEP among Indian population	Study going on	--	MOU
	Neurology					
33	MS Ramaiah Medical College, Bangalore	Epilepsy	To evaluate and treat Drug resistant epilepsy Surgical options for intractable epilepsy	Evaluation study	Based on individual patient recruited	MOU
	Paediatrics					
34	AIIMS, New Delhi	COVID-19 Pandemic in Children and MIS-C	To understand the neurological manifestations of COVID-19 and Multisystemic Inflammatory Syndrome in Children (MIS-C) in children aged up to 18 years and psycho-social issues in children aged up to 18 years with pre-existing neurological disorders during the pandemic	Project	--	MOU

Other collaborations

- **Department of Biochemistry with Indira Gandhi Institute of Child Health:**

Department of Biochemistry has collaboration with Indira Gandhi Institute of Child Health to work in the area of DMD (*Duchenne muscular dystrophy)* Research. The main objectives are to identify and validate novel biomarkers for screening and monitoring Duchenne Muscular Dystrophy (DMD) by conducting comprehensive proteomic analyses of serum and plasma samples collected from DMD patients, female carriers, and age-matched healthy controls.

1. **Department of Biochemistry with SudhiShubha ChemSynthons, S.P.183, KSSIDC Industrial Estate, Jigani:**

Department of Biochemistry has collaboration with SudhiShubha ChemSynthons, S.P.183, KSSIDC Industrial Estate, Jigani to work in the area of DMD (*Duchenne muscular dystrophy)* Drug Repurposing on the DMD model: Identifying and exploring the potential of repurposing existing drugs using the In:silico Schrodinger Suite for improving the DMD condition by modulating the Utrophin levels. Confirming the action of identified drugs on DMD models under wet lab conditions. Investigating the underlying mechanisms of action of the drugs in DMD models, and correlate these findings with their phenotypic effects.

2. **Department of Medical Genetics with WIPRO Limited:**

Department of Medical Genetics has collaboration with WIPRO Limited to work on Rare genetic diseases.

Samples will be sent to WIPRO for exome sequencing. It will help mutually in extending the scope of our diagnostic services with inclusion of NGS data analysis as one of the tests in our Medical Genetics laboratory.

3. **Department of Medical Genetics with Indian Institute of Science:**

Department of Medical Genetics has collaboration with Indian Institute of Science Limited to work Cancer and Diabetes. An MOU has signed to progress in this regard.

4. **Department of Pharmacology with Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare:**

Department of Pharmacology has collaboration with Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare to work on Cancer Biology. To find out novel drug targets, isolation of compounds of medicinal value from herbal products. To share competent and relevant services like providing Ayurvedic formulations to ensure quality research in finding novel drug targets. To undertake joint scientific projects in the field of drug development. MOU has been signed in this regard.

5. **Department of Pharmacology with Leads Clinical Research and BioServices Pvt. Ltd:**

Department of Pharmacology has collaboration with Leads Clinical Research and BioServices Pvt. Ltd to work on clinical / preclinical trials. Joint Academia-Industry clinical research training programs, Exchange of faculty and research staff for collaborative research and publications based on the policies of both entities.

6. **Department of Pharmacology with Defence Food Research Laboratory, (DFRL) Mysuru:**

Department of Pharmacology has collaboration with Defence Food Research Laboratory, (DFRL) Mysuru to work in the area of Preclinical / clinical studies in the development of food products. MOU has been signed in this regard.

7. **School of Public Health with Public Health Research Institute of India:**

School of Public Health has signed MOU with Public Health Research Institute of India. The main objective of this MOU is to drive HPV vaccination among adolescent girls Peri -urban & rural Mysore communities in INDIA.

8. **School of Public Health with University of Arizona:**

School of Public Health has collaboration with University of Arizona to work in Research & student exchange activity. MOA has been signed in this regard

9. **School of Public Health with Grassroots Research and Advocacy Movement (GRAAM):**

School of Public Health has collaboration with Grassroots Research and Advocacy Movement (GRAAM) foundation to develop students of MPH with professionalism, leadership and to be socially responsible youth of the nation. To Build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. To Mentor students in the space of urban governance and to conduct group research, for in-depth understanding of the urban governance issues. To embrace the challenges of the 21st Century by being part of the governance system and to find innovative solutions to new age challenges. MOU has been signed.

10. **School of Public Health with NOVARTIS:**

School of Public Health has collaboration with NOVARTIS to work on the area of Ambari Sickle cell disease Health systems project which deals with sickle cell anaemia screening, awareness & management among tribal population.

11. **Department of Dermatology with JSS Academy of Technical Education, Bangalore:**

Department of Dermatology has collaboration with JSS Academy of Technical Education, Bangalore to

work in the area of 1)Acne vulgaris- Development of application for automated grading of acne & 2)Patch Testing in Allergic Contact Dermatitis.

12. **Department of Dermatology with SJCE, Mysore:**
Department of Dermatology has collaboration with SJCE, Mysore, Bangalore to develop Dermoscopy useful in Lichen Planus.

13. **Department of Clinical Psychology with Clinical Psychology Society of India**
Department of Clinical Psychology has collaboration with Clinical Psychology Society of India to work in the area of impact of bereavement after snake bite on family members and identifying mental health issues in snake bite survivors. An MOU has been signed in this regard.

14. **Department of Hospital Administration with Boston University:**
Department of Hospital Administration has collaboration with Boston University to observe Indian Health Care System in a Medical College Hospital.

15. **Department of Rheumatology with Asia Pacific League of Associations for Rheumatology** (APLAR):
Department of Rheumatology has collaboration with Asia Pacific League of Associations for Rheumatology (APLAR) to do longitudinal prospective cohort study: Clinical scenario stage association with gout. To properly approach gout in the Asia-Pacific setting, physicians need local gout data to learn more about patients' clinical characteristics, response to medical management, and treatment outcomes.

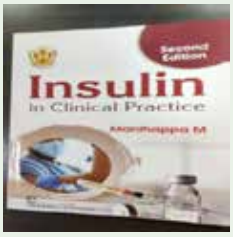
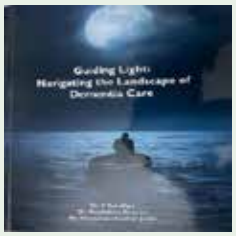
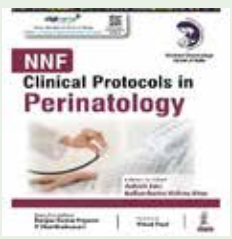
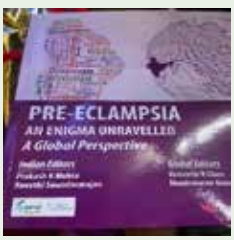
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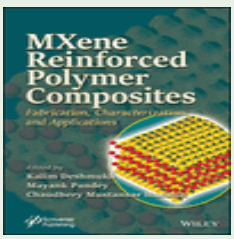
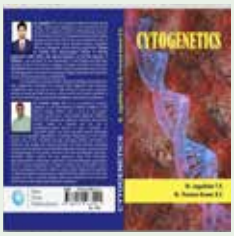
Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name
1	202041015935 A	Published	1)Dr. Akila Prashant 2)Anshu Kumar Yadav 3)Dr. Prashant Vishwanath 4)Dr. Suma MN 5)Dr. Devananda D	MULTIPLEX PCR ASSAY WITH COCKTAIL OF PRIMER MIX TO IDENTIFY PATHOGENIC BACTERIA CAUSING NEONATE SEPSIS	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research)
2	202241012389 A	Published	1)Rajesh Kumar Thimmulappa, 2) Devananda Devegowda, 3)Pushkal Sinduvadi Ramesh	METHOD FOR PREDICTING PROGNOSIS AND GUIDING TREATMENT DE-ESCALATION IN HPV POSITIVE HEAD AND NECK CANCERS	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research)

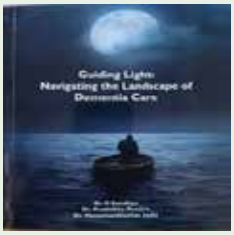
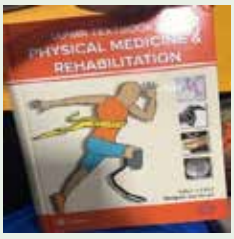
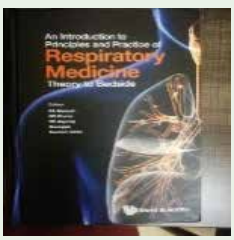
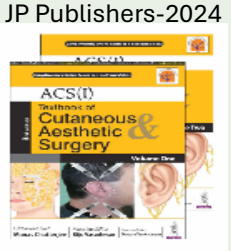
3	202241014944 A	Published	1)Rajesh Kumar Thimmulappa, 2) Devananda Devegowda, 3)Pushkal Sinduvadi Ramesh	METHOD TO INHIBIT NRF2 ACTIVITY USING HPV E6/ E7 FOR SENSITIZING TO CHEMO-RADIOTHERAPY	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research
4	202241006292 A	Published	1)Mahesh Kaggare Puttaraju 2)Mahesh Kaggare Puttaraju 3) SubbaRao Venkata Madhunapantula 4) Karthikeya Patil 5) Usha Hegde	A kit and a method for predicting oral cancer	JSS Academy of Higher Education and Research
5	202041050489A	Published	DR. HONNAVALLI YOGISH KUMAR PUBALI SAHA Dr. SubbaRao V. Madhunapantula	IN202041050489 - A METHODOLOGY TO YIELD A NOVEL RENIN INHIBITOR WITH IMPROVED SAFETY AND EFFICACY	JSS Academy of Higher Education and Research
6	202141008355 A	Published	1)DORESWAMY, Srinivasa Murthy 2) HATHUR, Basavanagowdappa 3)BHOJARAJ, Nandlal	SELF-CONTAINED AND PORTABLE LIFE SUPPORT SYSTEM	JSS Academy of Higher Education and Research
7	202041053854 A	Published	1)NANDLAL, Bhojraj 2)MURTHY, Srinvasa 3)SHIVAMURTHY, Ravindra 4)SETTY, Nagendra Ramakrishna	ULTRAVIOLET SANITIZATION SYSTEM	JSS Academy of Higher Education and Research
8	202141013556 A	Published	1)KRISHNEGOWDA, Sushma 2)DORESWAMY, Srinivasa Murthy 3)THANDAVESHWARA, Deepti	A PHOTOHERAPY DEVICE	JSS Medical College - JSS Academy of Higher Education & Research
9	20224104127 A	Published	1.Shashanka Kyathanahalli Prasad 2.Devananda Devegowda 3.Madhunapantula Subbarao 4.Suma Maduvanahalli Nataraj	An anticancer composition and method of preparation thereof	JSS Academy of Higher Education and Research

10	202141028656A	Published	Vikas Jain Hitesh Kumar Rupshee Jain Vishal Kumar Gupta Vidya B G Madhunapantula Venkata Soma Surya Trinadha SubbaRao	Lipid based composition of Salinomycin for triple negative breast cancer	JSS College of Pharmacy, Mysuru, JSS Academy of Higher Education and Research
11	201741010900	Granted	DORESWAMY, Srinivasa Murthy	FEED RAIL-AUTOMATED GRAVITY FEEDING DEVICE FOR PREMATURE INFANTS	JSS Academy of Higher Education and Research

Textbooks Authored or/and chapters contributed by faculty

Anatomy	Medicine	Geriatrics
Dr. Vidya CS Dr. Asharani SK Dr. Ravishankar MV **Title of the Chapter / Book** Quick review of Human Anatomy Second Edition Comprehensive Handbook of Anatomy for Allied Health Sciences and Nursing students **Published by** N notion press - October 2023 ISBN No. 978-1-64587-553-6 	Dr.M.Manthappa **Title of the Chapter / Book** Insulin in Clinical Practice **Published by** CBS Publishers, New Delhi 2023 ISBN No. 978935466-5998 	Dr.P.Sandhya Dr.Prathibha Pereira **Title of the Chapter / Book** Guiding Lights: Navigating the Landscape of Dementia Care **Published by** Alzheimer's and Related Disorders Society of India 2023 
O.B.G.		**Paediatrics**
Dr.Suma K.B. **Title of the Chapter / Book** Pre Eclampsia Chapter 5: Etiology & pathogensis **Published by** Publisher: ISSHP - 2023 	Dr. Hemapriya K. **Title of the Chapter / Book** Chapter 13: Placenta in preeclampsia-villain or victim **Published by** Publisher: ISSHP – 2023 	Dr. Rashmi N **Title of the Chapter / Book** Book Name: Paediatrics Endocrinology protocol 2nd edition Chapter: Tall Stature **Published by** Jay pee-grow india (Learning grow society) – 2023 

Dr.H.Basavana Gowdappa Dr.Subramanian R. Dr.Praveen Kulkarni **Title of the Chapter / Book** Disease-modifying Antirheumatic Drugs in Pregnancy and Lactation **Published by** Jaypee Brothers 	Dr.Srinath K.M. Dr.Krupa Krishnan **Title of the Chapter / Book** Monogenic Diabetes **Published by** Jaypee Brothers 	Dr.Shashidhar K.C. Dr.Karnati Prudhveer Reddy **Title of the Chapter / Book** Atypical Manifestations of Dengue **Published by** Jaypee Brothers 
Biochemistry		**Medical Genetics**
R Sindhu, Smitha S Bhat, HV Nachith, A Brunda, Devananda Devegowda, Shashanka K Prasad **Title of the Chapter / Book** Antidotes to nonreptile animal toxins **Published by** Antidotes to Toxins and Drugs Jan.2024 	Jamuna Bai Aswathanarayan, SubbaRao V Madhunapantula, Ravishankar Rai Vittal **Title of the Chapter / Book** MXene-Based Polymer Composites for Various Biomedical Applications Feb.2024 	Dr. Praveen Kumar K.S. and Jagadish T.V. **Title of the Chapter / Book** Cytogenetics **Published by** Blue Duck Publications-2024 ISBN No. 978-81-19463-12-1 
Community Medicine	**Geriatrics**	**Orthopaedics**

Dr Sunil Kumar D, Dr Praveen Kulkarni Dr Mythily M R, Dr Smitha M C Dr Nayana Shabadi, Dr Shwethashree M Dr Amoghashree, Dr Kavya G Upadhya Dr.Shweta N.Kurkuri, Dr.Rashmi S **Title of the Chapter / Book** Proceedings of National Conference MY NUTRICON 2023 ISBN No. 978-93-6139-679-3	Dr.P.Sandhya Dr.Prathibha Pereira **Title of the Chapter / Book** Guiding Lights: Navigating the Landscape of Dementia Care **Published by** **Alzheimer's** and related disorders society of India  	Dr.Adarsh T. Mr.Panchaksharappa Gowda D.H. Dr.Chaithra N. Mr.Chethan I.A. **Title of the Chapter / Book** Statistical Analysis for K-L Staging 2 and 3 of Pre VAS and WOMAC Using Different Interventions **Published by** Taylor & Francis Advancements in Science and Technology for Healthcare Agriculture and Environmental Sustainability-2024 
P.M.R.	**Radio-Diagnosis**	**Dermatology**
Dr.Jayasree Ramesh **Title of the Chapter / Book** Approaches in Rehabilitation Published by IAPMR Text Book-2024  	Dr.Vikram Patil **Title of the Chapter / Book** An introduction to Principles and Practice of Respiratory Medicine **Published by** World Scientific Publishing Co. Pvt. Ltd-2024 ISBN No. 978-981-127-140-3  	Dr.Kanthraj G.R. **Title of the Chapter / Book** Chapter 133: Teledermatology **Published by** JP Publishers-2024 
Dermatology	**CTVS**	

Dr.Vinutha Rangappa **Title of the Chapter / Book** Chapter 9: Tumour Necrosis Factor –Alpha Inhibitors Handbook on Immunosuppressives, Biologics and Small molecules in Pediatric Dermatology **Published by** JP Publishers-2024	Dr.Shyam Prasad Shetty **Title of the Chapter / Book** A Bird's-Eye-View on Technological Advancements in Medical Tourism **Published by** Springer, Singapore ISBN No. 978-981-99-8908-9	

PUBLICATIONS

Sl. no	Faculty Name	Titles
1	Chitra M B, Trishala D & Pandey M K.	"Attachment Dynamics and Gaming Addiction: A Comprehensive Review of InterconnectedInfluences on Child Development and Mental Health". High Technology Letters. 2023. Dec;29(12):619-626.
2	Sujit Kumar Sah, Dr Subramanian R, Dr Ramesh Madhan.	"Assessment of potential drug-drug interactions and their associated risk factor in patients with rheumatoid arthritis: A cross-sectional study". Clinical Epidemiology And Global Health. 2023 September–October;23.101373
3	Shobha C. Ramachandra, Akila Prashant, Akshitha Shivanna, Ananth K. Bhujanga, Syeda Meherunnisa, Prashant Vishwanath.	"Cost-effective markers to identify metabolically healthy/unhealthy individuals and their future risk for cardiovascular disorders". International Journal of Health and Allied Sciences . 2023 Sep;12:46-58.
4	Ramalingam Shalini, Moola Joghee Nanjan Chandrasekar, Moola Joghee Nanjan, SubbaRao V Madhunapantula, Medha Karnik, Jubi Selvaraj, Gonna Nandhi Krishnan Ganesh.	1-Tetracosanol isolated from the leaves of Eupatorium glandulosum, accelerates wound healing by expressing inflammatory cytokines and matrix metalloproteinase. Journal of Ethnopharmacology. 2023 Oct 28:315:116654.
5	R Rosell, A Jain, J Codony-Servat, C Shivamallu, SP Kollur, A Prasad, P Vishwanath, E Jantus Lewintre, M Ito, AF Cardona Zorrilla, OG Arrieta Rodriguez, C Pedraz-Valdunciel, J González Nieto, A Aguilar, MA Molina-Vila, M Gonzalez Cao.	2325P Selinexor (XPO1 inhibitor) in combination with tepotinib (MET inhibitor) potentially inhibits SHOC2 and KRAS G12C in KRAS G12C mutant non-small cell lung cancer. Annals of Oncology. 2023 Oct;34:S1188.
6	R Rosell, A Jain, J Codony-Servat, C Shivamallu, SP Kollur, A Prasad, P Vishwanath, E Jantus Lewintre, M Ito, AF Cardona Zorrilla, OG Arrieta Rodriguez, C Pedraz-Valdunciel, J González Nieto, A Aguilar, MA Molina-Vila, M Gonzalez Cao.	2325P Selinexor (XPO1 inhibitor) in combination with tepotinib (MET inhibitor) potentially inhibits SHOC2 and KRAS G12C in KRAS G12C mutant non-small cell lung cancer. Annals of Oncology. 2023 Oct;34:S1188.
7	Dr.Najma Mobin.	A Cadaveric Study on the Morphology of PSO as Minor Muscle and its Clinical Insight. Conference Souvenir. 2023

8	Prashanth M R, Basava Chethan M, Premchand H H, Varun Thej Reddy N S.	A Case Of Pellagroid Dermatitis In Alcohol Dependent Syndrome Patient. Korean Journal Of Physiology And Pharmacology. 2023;27(4):455-457.
9	Uma Shivanal, Pushpa N B, Kumar Satish Ravi.	A Case Series of Fused Vertebrae and their Clinical Relevance. Journal of morphological sciences. 2023 Dec;12(4):438-441.
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466	Saricha Agarwal, Rajalakshmi Birur Rajashekar, Vani Krishnamurthy.	Red Cell Histograms and Spurious Parameters in Anemia Study of Diagnostic Utility of Autoanalyzer Results. Journal of Applied Hematology. 2024 Apr;15(1):22-29.
467	Sulochanadevi Basavanthappa Chakrashali, Dr Madhu B, M Mounika Sree, M Chaithra, K S Sahana, K Nagendra.	Relationship between the cost of illness and quality of life among adolescents with type 1 diabetes-a mixed method study. Scientific Reports. 2024;14(1):13403.
468	Dr. Amitabh Kishor Dwivedi.	Reliability, Floor and Ceiling effect of the school readiness inventory for preschoolers with Autism Spectrum Disorder. International Journal of Scientific Research. 2024 March;13(03):2277-8179.
469	Manjunatha M C, Dr Madhu B, Mr Sawant Sushant Anil, Karthik C B, Sahana K S, Mounika Sree M, Chaithra M.	Remote Sensing Applications for Human Healthcare: A Review. Indian Journal of Natural Sciences 2024;14(82):70496-70504.
470	Bharathi M B.	Research article baseline findings of a multicentric ambispectivecohort study (2021-2022) among hospitalised mucormycosis patients in India. An International Journal on Fungal Biology Mycology. 2024 Jan.

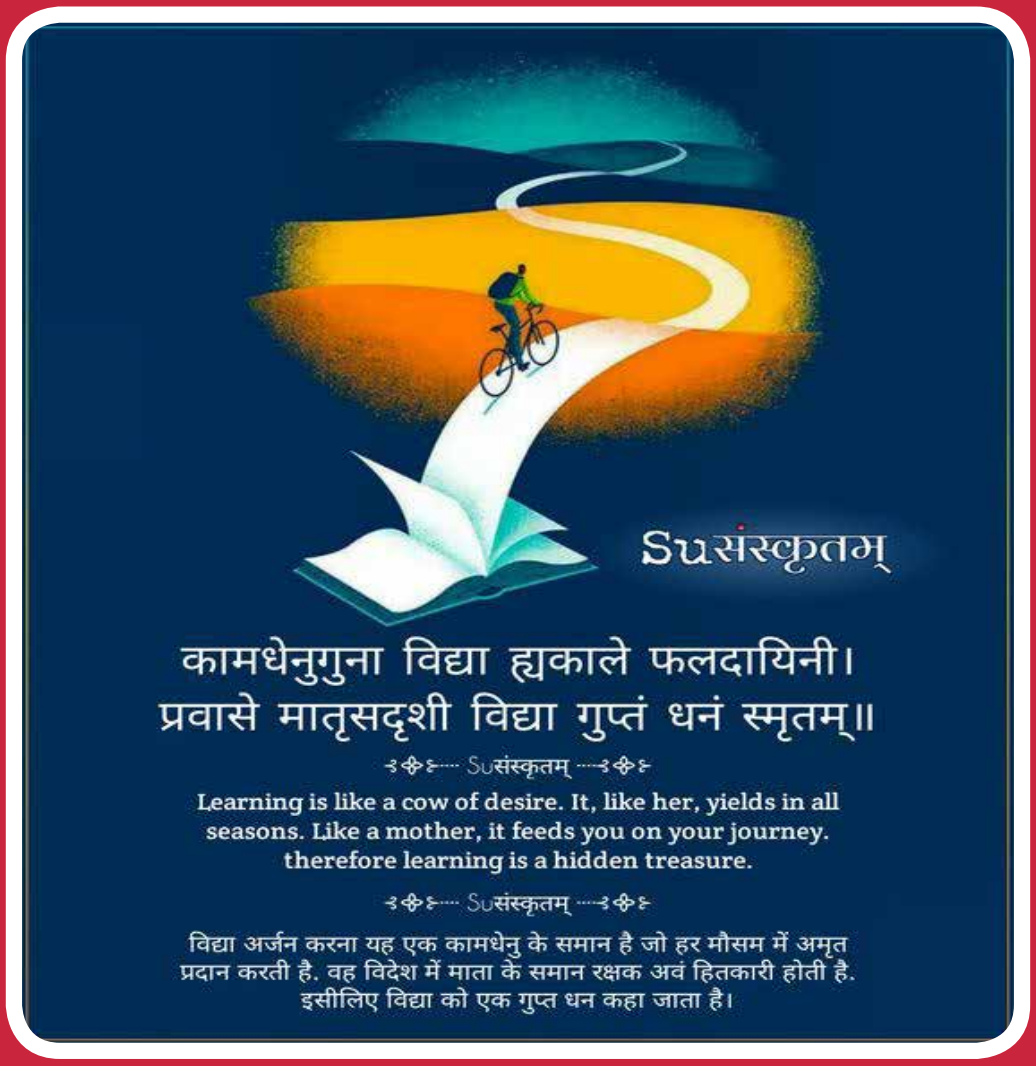
471	R Sumukh Bharadwaj, Dr Sowmya H.k, Dr Ashwini T.s, Dr Vidya Gowdappa Doddawad, Dr Parinitha M S, Dr Sunil Kumar B B.	Revolutionizing Dental Health Care: An In-Depth Exploration of Technological Advancements. European Journal of General Dentistry. 2024.
472	Sarah K Wise, Yasmin Hamzavi-Abedi, Paavali A Hannikainen, Mahesh Padukudru Anand, Tracy Pitt, Marine Savoure, Elina Toskala.	Rhinitis disease burden and the impact of social determinants of health. The Journal of Allergy and Clinical Immunology: In Practice. 2024 June;12(6): 1449-1461.e1
473	Raaga Sneha Muppala, Vijaya Basavaraj.	Role of C4d immunohistochemical marker in the diagnosis of bullous pemphigoid: A cross-sectional study. Indian Journal of Dermatology, Venereology and Leprology. 2024 Feb;28:1-6.
474	Dr Devaraju C J, Dr Sunil Kumar S., Dr Sadananda K S, Dr Vinay Kumar K, Dr Veena Nanjappa, Dr Rajith K S, Dr K S Ravindranath.	Role of Digital technology for better outcome in patients with Coronary Artery Disease - Review article. Journal of Cardiovascular Disease Research. 2024;15(4):1342-1359.
475	Ravindra B Malabadi, Kiran P Kolkar, Raju K Chalannavar, Sadiya M R, Simuzar S Mammadova, Himansu Baijnath.	Role of Plant derived-medicine for controlling Cancer. International Journal of Science and Research Archive. 2024;11(1):2502-2539.
476	Abhishek Kabra, Maj Aradya H V, Deepak Suvarna, H P Nandeesh, Devansh Bajaj, Vinodkumar L, Mohith H N.	Role of Routine Duodenal Biopsy in Patients with Unexplained Iron Deficiency Anemia in Areas of Low Prevalence of Celiac Disease. Journal of Digestive Endoscopy 2024;15(1):59-104.
477	K L Divya, K Nimithamohan, Anil S Bilimale, Kiranmayee Muralidhar, Karl Krupp, Purnima Madhivanan.	Role of Social Support in Reducing the Severity of Menopausal Symptoms among Women Living in Rural Mysuru, Karnataka: An Analytical Cross-sectional Study. Journal of Mid-life Health. 2024 Apr;15(1):43435.
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480	Tejal Lathia, Lakshmi Nagendra, Deep Dutta, Harish B G, Deepak Khandelwal, Meha Sharma.	Safety and tolerability of sodium glucose cotransporter-2 inhibitors in children and young adults: A systematic review and meta-analysis. Annals of Pediatric Endocrinology and Metabolism. 2024 Apr;29(2):82-89.
481	Pradeep Kumar P C, Kishor M, Archana Anthony Raj, M. Murugappan, Dhanabal S Palaniswamy.	Scrolling and Stress: Exploring Internet Usage for Social Media and Psychological Distress in Young Adults. Annals of Indian Psychiatry. 2024 Jan
482	Prasad Kulkarni, Dr. Praveen Kulkarni.	Seropersistence of SII-ChAdOx1 nCoV-19 (COVID-19 vaccine): 6-month follow-up of a randomized, controlled, observer-blind, phase 2/3 immuno-bridging st. Human Vaccines and Immunotherapeutics. 2024 Mar;20(1):1-8.
483	K M Srinath, Mahim Sethi, B Madhu, M C Prasad, Sunila B Sangappa.	Serpent Strikes, Sapien Sways: A Rare Case of Bilateral Cerebellar Infarct following Viper Bite. Annals of African Medicine. 2024 Jan-Mar;23(1):104-106.

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485	Dr. Amitabh Kishor Dwivedi.	Sexual dysfunction and associated psychiatric comorbidities impacting quality of life in epilepsy: A review of Literature. Cureus Journal of Medical Science. 2024 Jan.
486	Dr Adarsh T, Mr Panchaksharappa Dh Gowda, Ms Chaithra N, Chethan I A.	Statistical Analysis for K-L Staging 2 and 3 of Pre VAS and WOMAC Using Different Interventions. Advancements in Science and Technology for Healthcare, Agriculture, and Environmental Sustainability. 2024:438-444.
487	Deepthi Venkatachalapathy, Parveen Doddamani, Aradya V Hirriyannaiah, Prashant Vishwanath, Suma Nataraj, Akila Prashant.	Stem Cells in Solid Tumors: Accumulated Evidence and Future Directions. Indian Journal of Medical Biochemistry. 2024 Jan;28(1):13-24.
488	Bontha V Babu, Yogita Sharma, Parikipandla Sridevi, Shaily B Surti, Deepa Bhat, Manoranjan Ranjit, Godi Sudhakar, Jatin Sarmah.	Strengthening Health System and Community Mobilization for Sickle Cell Disease Screening and Management among Tribal Populations in India: An Interventional Study. Hemoglobin. 2024 Jan;47(6):227-236.
489	Dr. Srinivasa Murthy D.	STrIP Score for Neonatal Jaundice: From Bench to Bedside. Journal of Neonatology. 2024 Feb;
490	Sowmya Shree Thimmappa, Smitha Malenahalli, Sunitha Kota.	Study of Maternal and Fetal Outcome in Pregnancy Associated with Levothyroxine Treated Subclinical Hypothyroidism. Journal of Obstetrics, Gynecology and Cancer Research. 2024;9(4):02.
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495	Shreedhar Kulkarni, Sumalatha Arunachala, Sindaghatta Krishnarao Chaya, Rekha Vaddarahalli Shankarasetty, Medha Karnik, Nidhi Bansal, Sukanya Ravindran, Komarla Sundararaja Lokesh, Mikash Mohan, Mohammed Kaleem Ullah, Dr Jayaraj B S, Padukudru Anand Mahesh.	The Assessment of Serum Fibronectin Levels as a Potential Biomarker for the Severity of Drug-Sensitive Pulmonary Tuberculosis: A Pilot Study. Diagnostics. 2024;14(1).
496	Dr. Amitabh Kishor Dwivedi.	The effectiveness of virtual reality along with task specific training on quality of life of C6-C7 level – incomplete spinal cord injury patients. International Journal for Multidisciplinary Research. 2024 Mar;13(3).

497	R Vidhyalakshmi, Pichan Prabhasankar, S P Muthukumar, Dr Prathima C., M S Meera.	The impact of addition of pearl millet starch-germ complex in white bread on nutritional, textural, structural, and glycaemic response: Single blinded randomized controlled trial in healthy and pre-diabetic participants. Food Research International. 2024 May:183:114186.
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500	Kuttiali Jasly, Sakshi Goyal, Dr Ashwini P K, Garehatty Rudrappa Kanthraj, S Gurumurthy Chethana, Subramaniam Ranugha.	Three-part scoring system (tripartite) for teledermatology versus International Contact Dermatitis Research Group criteria to interpret patch test readings: A comparative, observational study. Indian Journal of Dermatology, Venereology and Leprology. 2024:1-7.
501	A Rao, B Hanagud,S Chandrashekarappa, S Shetty, S Ramachandrappa, M Wali.	Thyroglossal duct cyst in the superior mediastinum. Indian Journal of Thoracic and Cardiovascular Surgery. 2024 Jan
502	Ravindra B Malabadi, Sadiya M R, Kiran P Kolkar, Raju K Chalannavar, Himansu Baijnath.	Tinospora cordifolia (Amruthballi): Medicinal plant with Anticancer activity. Magna Scientia Advanced Biology and Pharmacy. 2024;11(2):1-19.
503	Dr. Amoghashree, Dr. Sunil Kumar D, Dr. Rashmi S.	Transforming Dermatology: Benefits Of Artificial Intelligence On Diagnosing And Managing Skin Diseases In School Children. Paripex - Indian Journal of Research. 2024 Mar;13(3):113-114.
504	Nanjunda D C, Acharya H R, Mishra A K, Lakshmi S J, Santhekadur P K.	Trends in Selected Heart Diseases among Below Poverty Line Populations from South India. International Journal of Health & Allied Sciences. 2024 Apr;1(1):1-12.
505	Ravindra B Malabadi, Sadiya Mr, Kiran P Kolkar, Simuzar S Mammadova, Raju K Chalannavar, Himansu Baijnath, Lavanya L, Antonia Neidilê Ribeiro Munhoz.	Triple Negative Breast Cancer (TNBC): Signalling pathways-Role of plant-based inhibitors. Open access research journal of biology and pharmacy. 2024;10(2):28-71.
506	Dr Archana K N, A P Ajnas, Dr Girish B K.	Ultrasound Evaluation of Anterior Neck Soft-Tissue Thickness to Predict Difficult Intubation in Overweight Adult Patients Posted for Surgery under General Endotracheal Anesthesia – An Observational Study. Annals of African Medicine. 2024;23(2)182-188.
507	Najmunnissa, Jadeppa G, Dr Swetha N K, Dr Akila Prashant, Kishorkumar M Guruswamy, Dr Suma M N.	Unveiling the Significance of Surrogate Markers of Insulin Resistance in Metabolic Health Assessment. Indian journal of medical biochemistry. 2024;28(2):45-53.

4 QUALITY EDUCATION





Contributors



Dr Smitha Rani
Associate Professor
Dept of Forensic Medicine



Dr Pushpalatha K
Professor
Dept of Anatomy

BOUT THE SDG



JSS Medical College, a constituent college of JSS Academy of Higher Education and Research is significantly contributing to Sustainable Development Goal 4 (SDG 4) by ensuring inclusive and equitable quality education and promoting lifelong learning opportunities. By offering accessible, high-quality medical education, the institution is cultivating skilled healthcare professionals equipped to address various health challenges. Through community outreach programs, the college is providing health education to underserved populations, thereby enhancing health literacy and promoting preventive care. Additionally, the medical college is fostering research and innovation in medical science, contributing to the global knowledge pool. By collaborating with other educational institutions and organizations, the college is advocating for educational policies that support equal opportunities for all, particularly for marginalized groups. Through these efforts, the medical college is not only advancing healthcare but also empowering individuals with the knowledge and skills necessary to lead healthier, more productive lives.

OUR EFFORTS AT GLANCE



A supportive educational setting that respects gender diversity and disabilities.

Value-Added Programs.

Adequate infrastructure and educational materials.

Student support initiatives and mentorship.

Professional enrichment for the teachers.

Regular upgradation of curriculum.

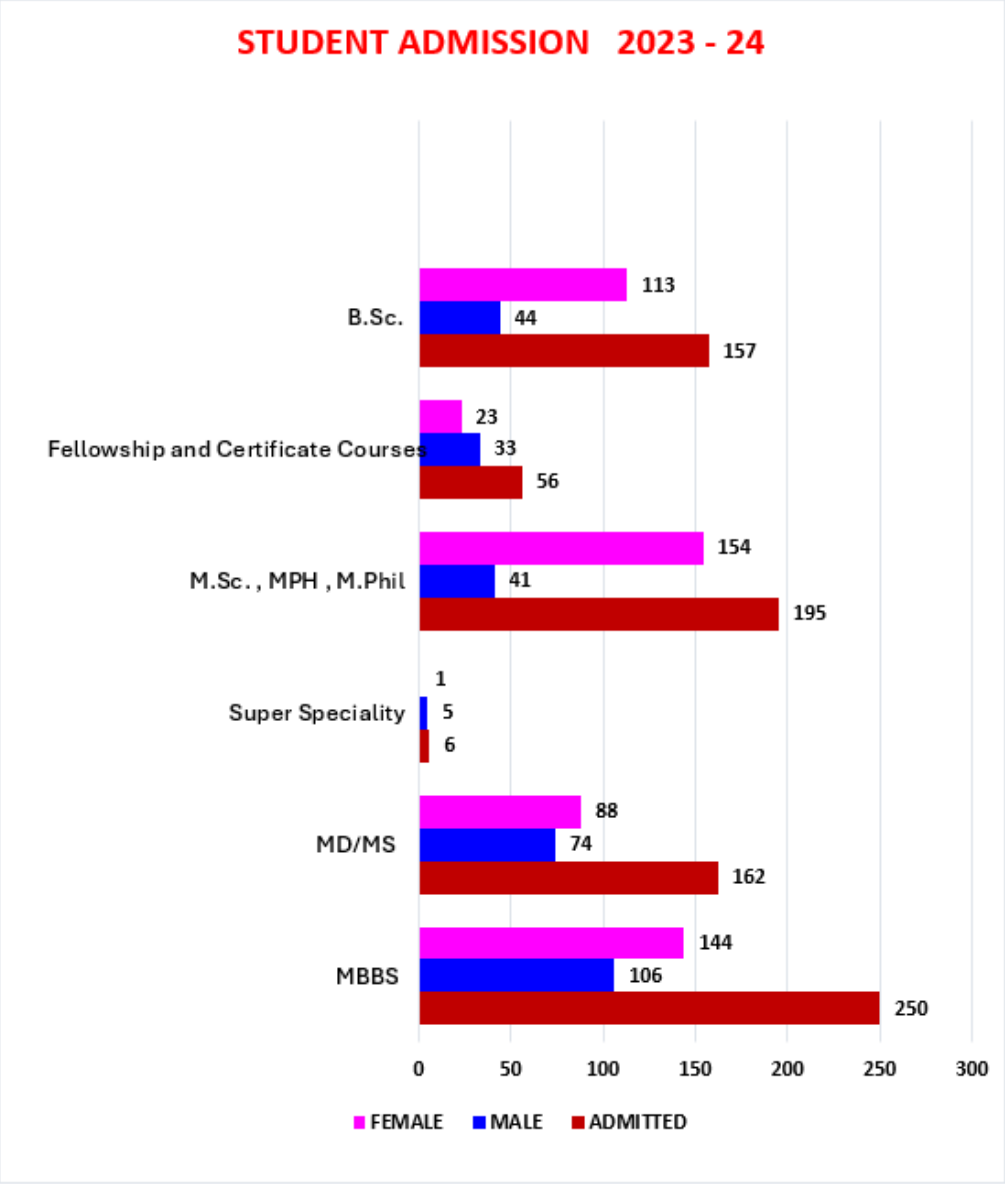
Innovative teaching learning methods.

Collaborations and Student Exchange Programme with international and national institutions of repute.

CONTENT

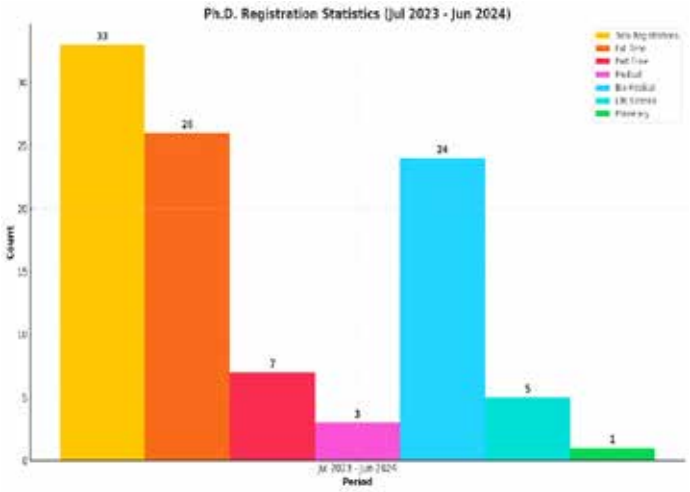

Student Admission And Meritorius Students
Outcome Analysis
Infrastructure And Learning Resources
Best Practices
Awards And Achievements
Collaborations
Faculty Visit
Professional Enrichment Programmes
Textbook / Chapter Authored By Faculty
Publications

STUDENT ADMISSION



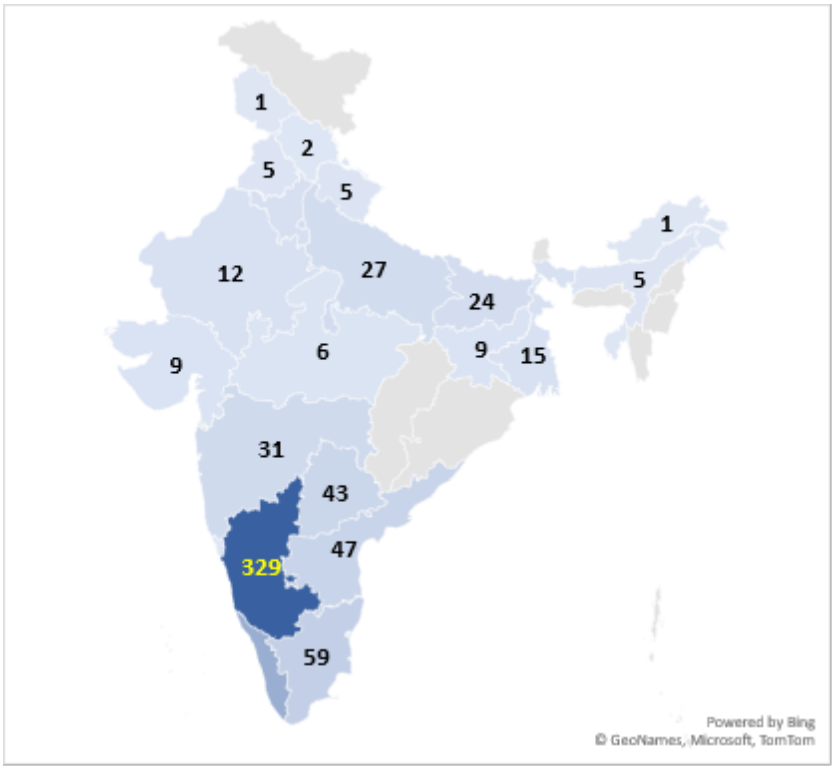


DETAILS OF Ph.D. REGISTRATION UNDER JSS ACADEMY OF HIGHER EDUCATION & RESEARCH



GEOGRAPHIC DIVERSITY AMONG STUDENTS – 2023-2024

National (Total=826)



MERITORIUS STUDENTS

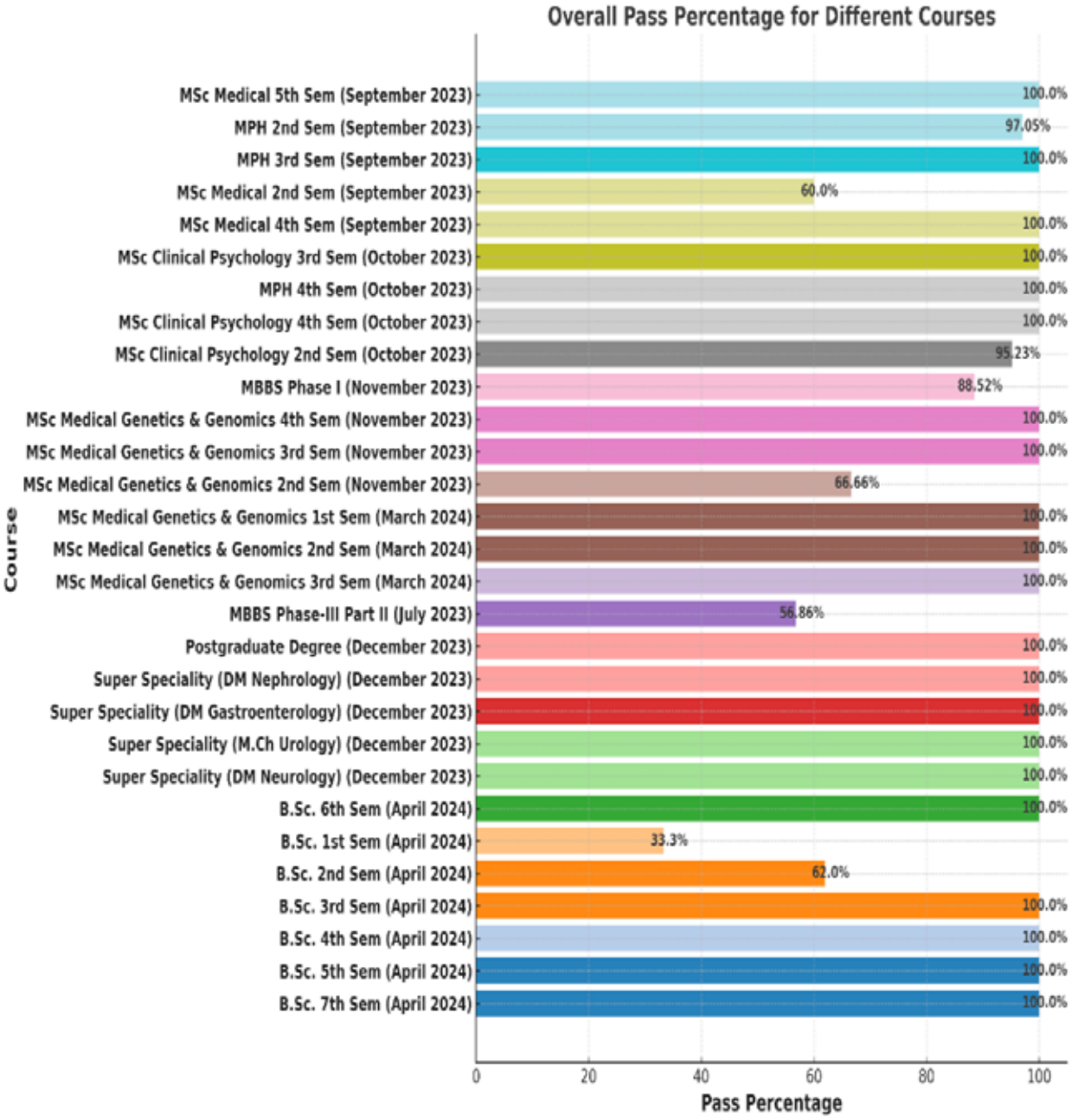
Name of the Student	Place	No. of Awards	Subject	Instituted by
DR.SUBHRADEEP DHAR 	Kolkata, West Bengal	**6 Gold Medals**	**Smt.Ambabai Nanjundaiah Memorial Gold Medal For the Best Out going student**	**Smt.Asha Prasanna Kumar D/o Dr.T.B.Basavarajendra** Former Principal, JSS Medical College, Mysuru
			Mr.M.D. Chikkaveerappa Memorial Gold Medal For topper in **Biochemistry**	**Dr.M.N.Suma**, Vice Principal (Pre Clinical) Professor of Biochemistry, JSS Medical College, Mysuru
			Dr.M.K.Meera Gold Medal For topper in **Pathology**	**Dr. M.K. Manjunath**, Former Prof. & HOD, Conservative Dentistry & Endodontics, JSS Dental College, Mysuru
			Smt.T S Sarojamma – Sri M S Chandra shekarappa Gold Medal For topper in **Community Medicine**	**Dr.Smitha M C** Asso. Professor, Dept. of Community Medicine, JSS Medical College, Mysuru
			Dr.M.N. Channabasappa Memorial Gold Medal For topper in **Surgery**	**Smt.Vishalakshi Channabasappa**, Premier Studio, Mysuru
			Smt. Sarojini Siddappa Manoli Memorial Gold Medal For topper in **O.B.G**	**Dr.Nandish S Manoli**, Former Prof. of O.B.G, JSS Medical College, Mysuru
		2 Cash Prizes	**Dr.Jayanandaiah H P endowment** For Topper in **Final year MBBS** cash prize	**Dr.Nirmaladevi Jayanandaiah H P,** C/o Profulla Nijagunaswamy Temple Street, Ramagiri Post, Holalkere (T), Chitradura
			For topper in **MBBS Phase-I**	JSS Medical College

DR.ROHITH R NAIR 	Mysuru, Karnataka	**3 Gold Medals**	**Dr.Mannarkrishna Memorial Gold Medal** For topper in **Anatomy**	**Smt. Nagamanni Sister of Dr.N.M.Shamasundar**, Former Prof. of Anatomy, JSS Medical College, Mysuru
			Dr.D.S.Sivappa Memorial Gold Medal For topper in **Pharmacology**	**Smt.D.S. Prema** Vijayanagar, Bangalore
			Dr.Sumana S Rao award for the Best student in **Psychiatry**	**Dr.T.S.Sathyanarayana Rao, Dr.Vasumathy S Rao & Dr.Suman S Rao, Mysuru**
		4 Cash Prizes	Topper in **Physiology**	**JSS Medical College**
			Topper in **Microbiology**	
			For topper in **MBBS Phase-II**	
			For topper in **MBBS Phase-III, Part-I**	
DR.TEJASHREE S M 	Mysuru, Karnataka	**2 Gold Medals**	**Sri M.N.Basavarajaiah Memorial Gold Medal** For topper in **Medicine**	**Smt.M.N Sharada**, VV Mohalla, Mysuru
			Sri Chintamaneni Sarojeni Devi Memorial Gold Medal For topper in **Medicine**	**Sri.Chintamaneni Srinivasa Rao,** Hyderabad
		2 Cash Prizes	**Sri Vijayaraghavachar & Smt.Sathyavathi endowment** For topper in **Medicine** Cash Prize	**Smt.Pushpa Aiyengar & Smt. Vaidehi**, Mysuru
			Topper in **Paediatrics**	JSS Medical College

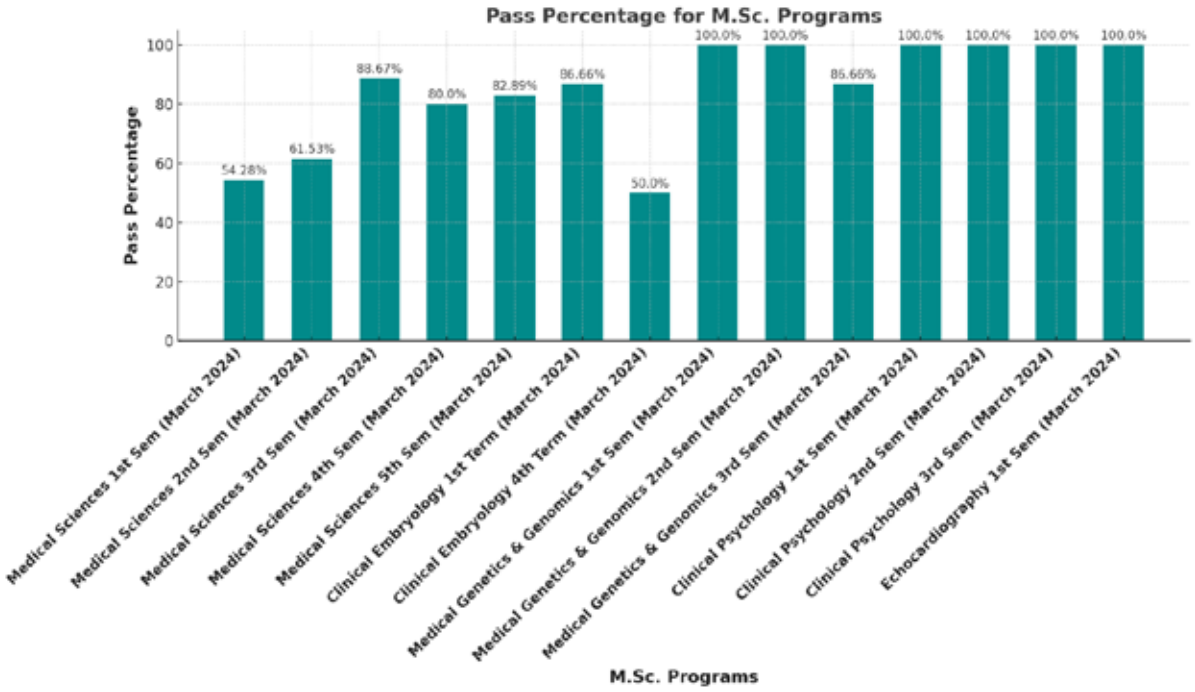
DR.SRISHTI KHAITAN	DR.JYOTSNA C RAMESHWARA	DR.SAMYAK SHAH	DR.NAYANA K	DR.SHANTVI KUMARI
				
Smt. Sarojini Siddappa Manoli Memorial Gold Medal For topper in **O.B.G**	Cash Prize for being Topper in **Forensic Medicine**	Cash Prize for being Topper in **Forensic Medicine**	Cash Prize for being Topper in **ENT**	Cash Prize for being Topper in **Ophthalmology**

OUTCOME ANALYSIS

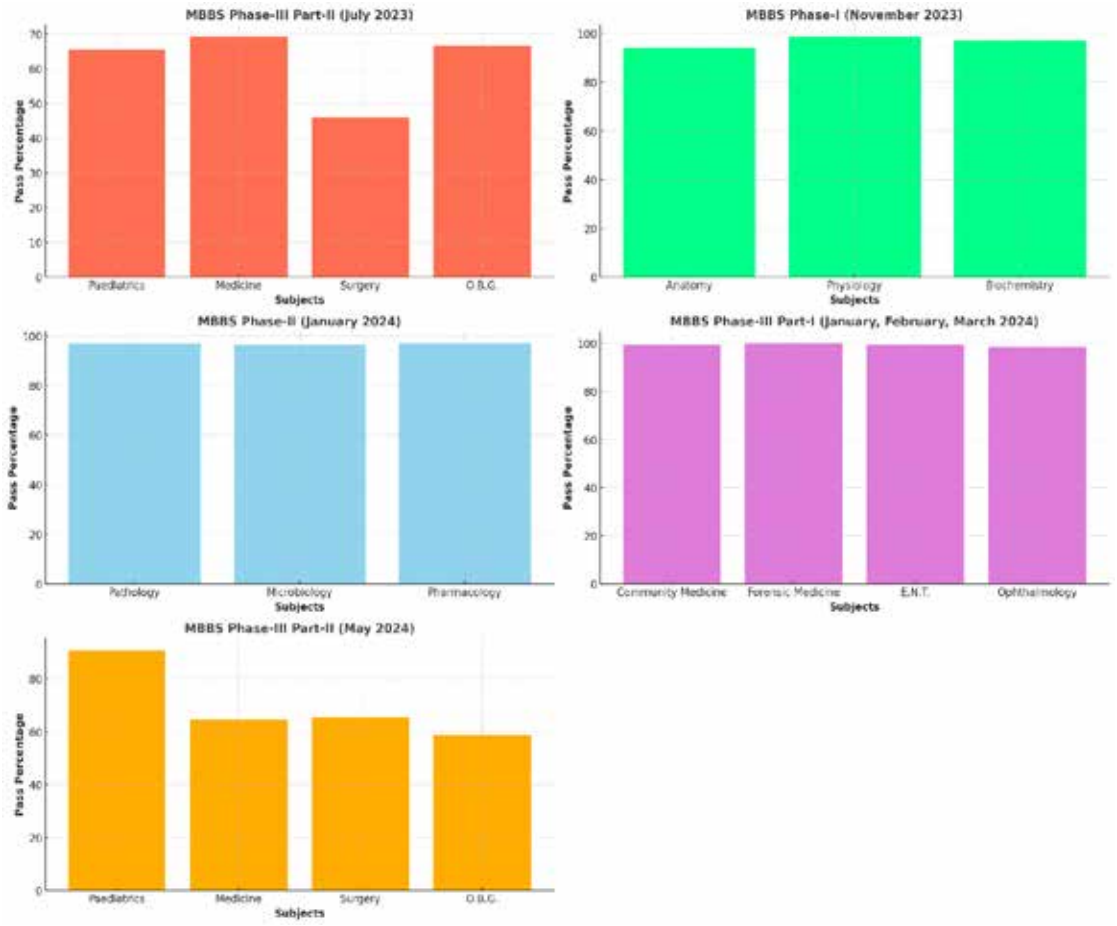
Overall Pass Percentage Across Different Programmes



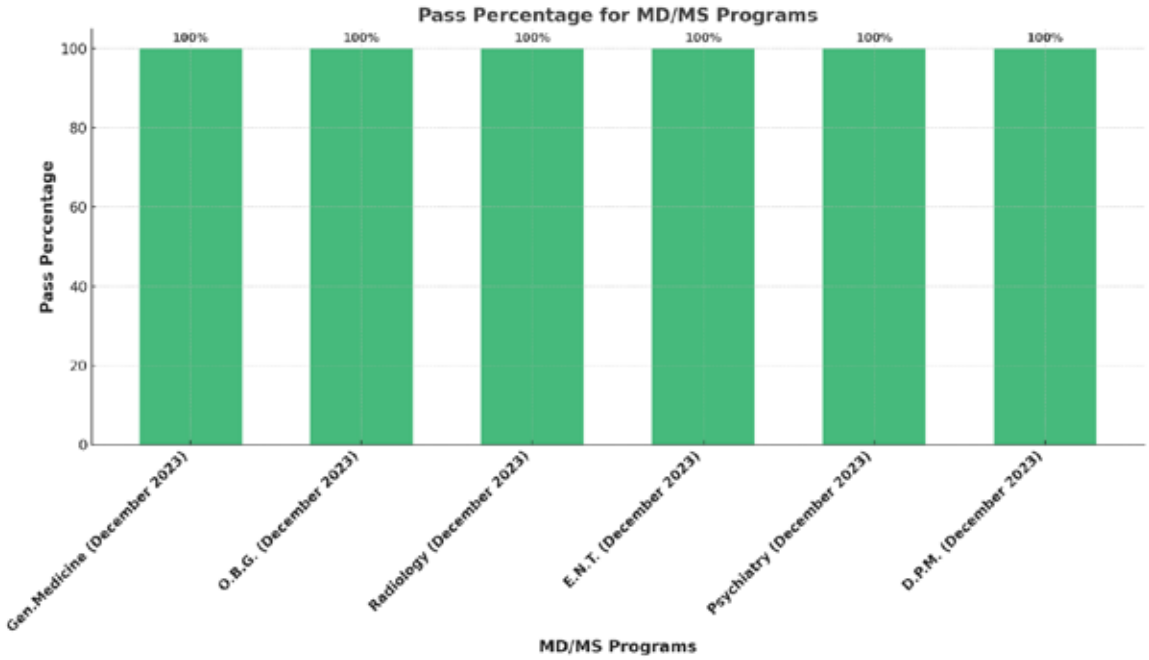
Pass Percentage Across M.Sc. Programmes



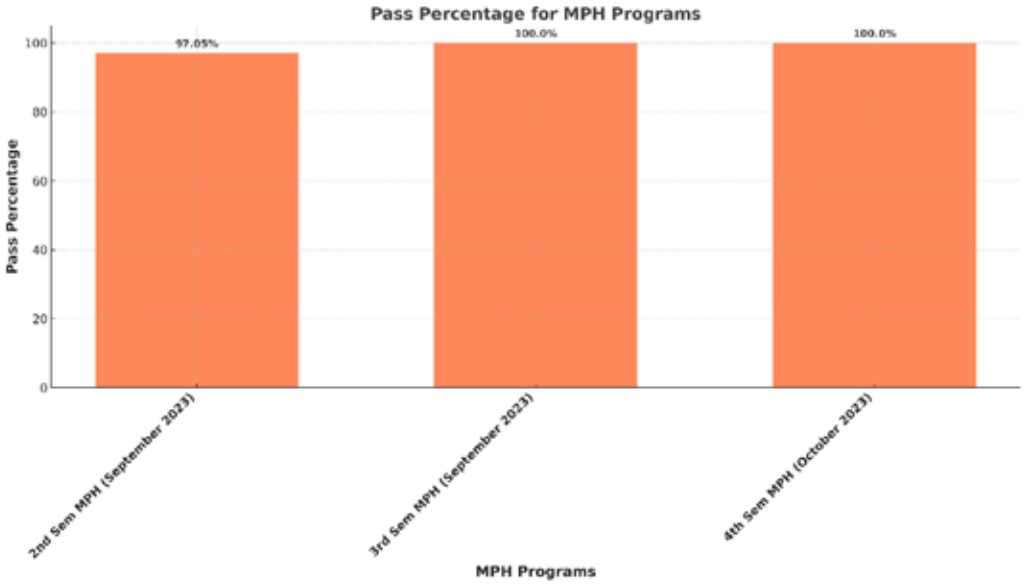
Phase Wise and Subject wise Pass Percentage of MBBS Examination



Pass Percentage For MD/ MS Programmes



Pass Percentage For MPH Programme



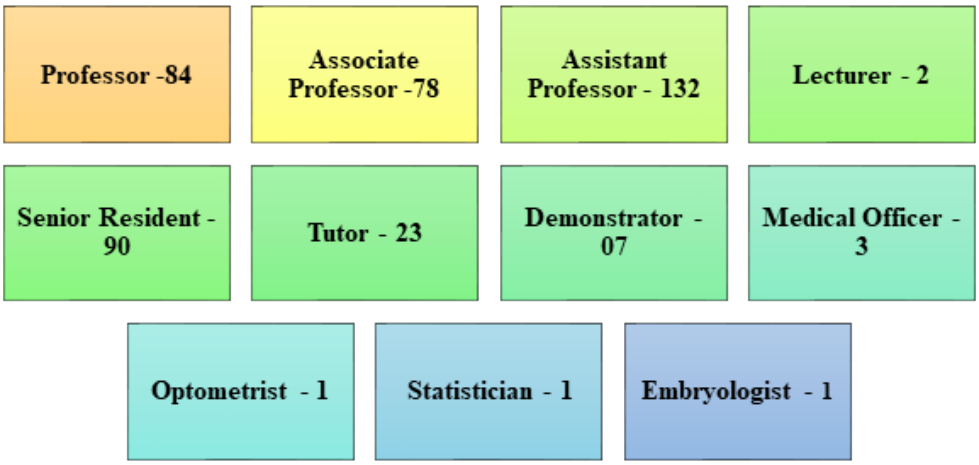
Ph.D. Awarded- July 2023 – June 2024

Sl No	Name of the candidate	Dept	Guide	Topic
1	Mr. Prasanna Kumar K P	Life Science	Dr. Tejashree A	Susceptibility profile and virulence attributes of Candida Albicans by phenotypic and genotypic methods.
2	Ms Sangeetha S R	Life Science	Dr Manoj K Pandey	An exploration of psychological distress, work efficiency and job satisfaction among police personnel in Mysuru district.
3	Dr. Praveen Kulkarni	Medicine	Dr. H Basavanagowdappa	Design and implementation of curriculum on humanities among undergraduate medical students.

4	Ms Kruthi M	Biomedical Science	Dr. L. Sam Sudheer Manickam	A comparative study of adolescents living with HIV and those in conflict with law on PPMT drawings.
5	Dr. Srinath C G	Medicine	Dr. Nagaraj Desai	A study on effect of Yoga on cardiac autonomic function tests in obese and non-obese patients with myocardial infarction.
6	Dr. Vani K	**Medicine**	Dr. Vijaya B,	Study of electrical rheology of human blood and its application as point of care coagulation test.
7	Ms. Kavya Sugur	Life Sciences	Dr. Rajesh Kumar T,	Circulating lipid peroxidation markers for cardiovascular risk assessment in patients with Type II diabetes.
8	Ms. Preethi H S	Biomedical Sciences	Dr. Srinivasa Murthy D,	Validation of newly developed scale for identifying autism spectrum disorder during early childhood.
9	Ms. Eeshita Dhar	Biomedical Sciences	Dr. Tejashree A	Genotypic characterization of methicillin resistant Staphylococcus aureus isolates in a tertiary care hospital.
10	Dr. Ramya C M	Medicine	Dr. Rajalakshmi R	Predicting the risk of Alzheimer's disease in obese type 2 diabetics through blood-biomarker assay.
11	Dr. Uma Vijayashankar	Medicine	Dr. Rajalakshmi R	Effect of yoga on leptin and ghrelin levels in obese and non-obese type II diabetics- An interventional study.
12	Dr. Pushpa V H	Medicine	Dr. Jayanthi M K	In vitro and in vivo evaluations of the potential of shivagutika on anti-proliferation of cancer cells.

INFRASTRUCTURE AND LEARNING RESOURCES

Faculty Profile
TOTAL NO. OF FACULTY - 422



Professional training for teachers

1.210 faculty trained in Basic/ Revised Basic Course Workshop in Medical Education Technologies.

1.11 faculty have completed Advance Course in Medical Education

1.7 Faculty have undertaken Foundation for Advancement of International Medical Education and Research (FAIMER)

Infrastructure facilities for Teaching – Learning



Smart boards in lecture halls for interactive teaching & learning.



Digitised Museum



Computer Assisted Lab



Hybrid Operating Room



Skill and Simulation centre

Library Details

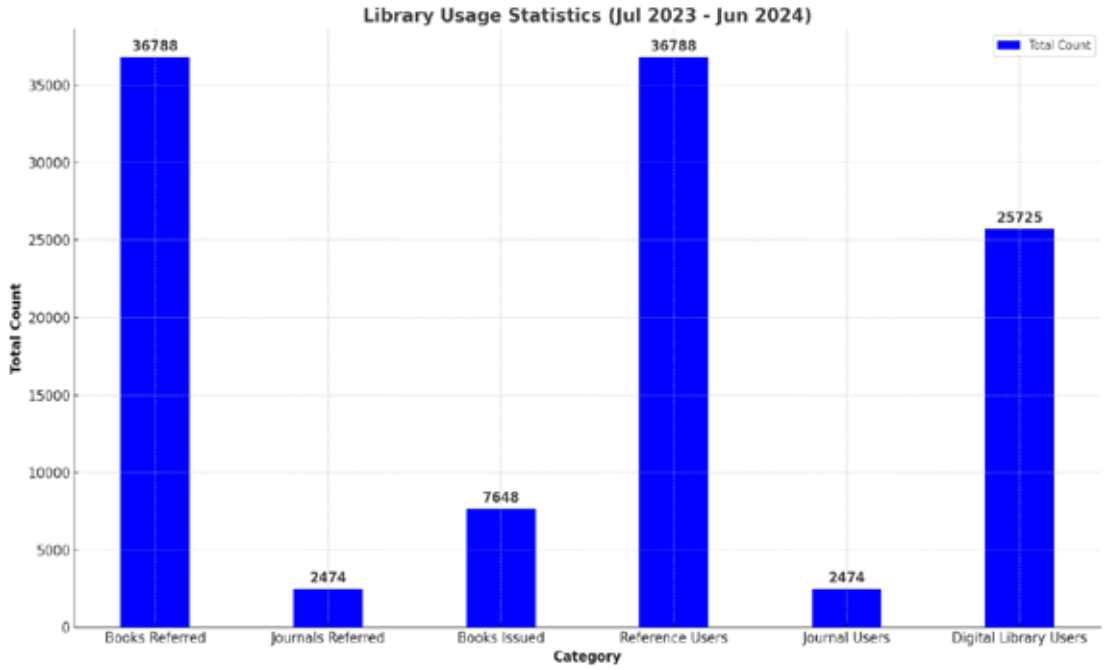


Total Number of Books - 33205

Journals

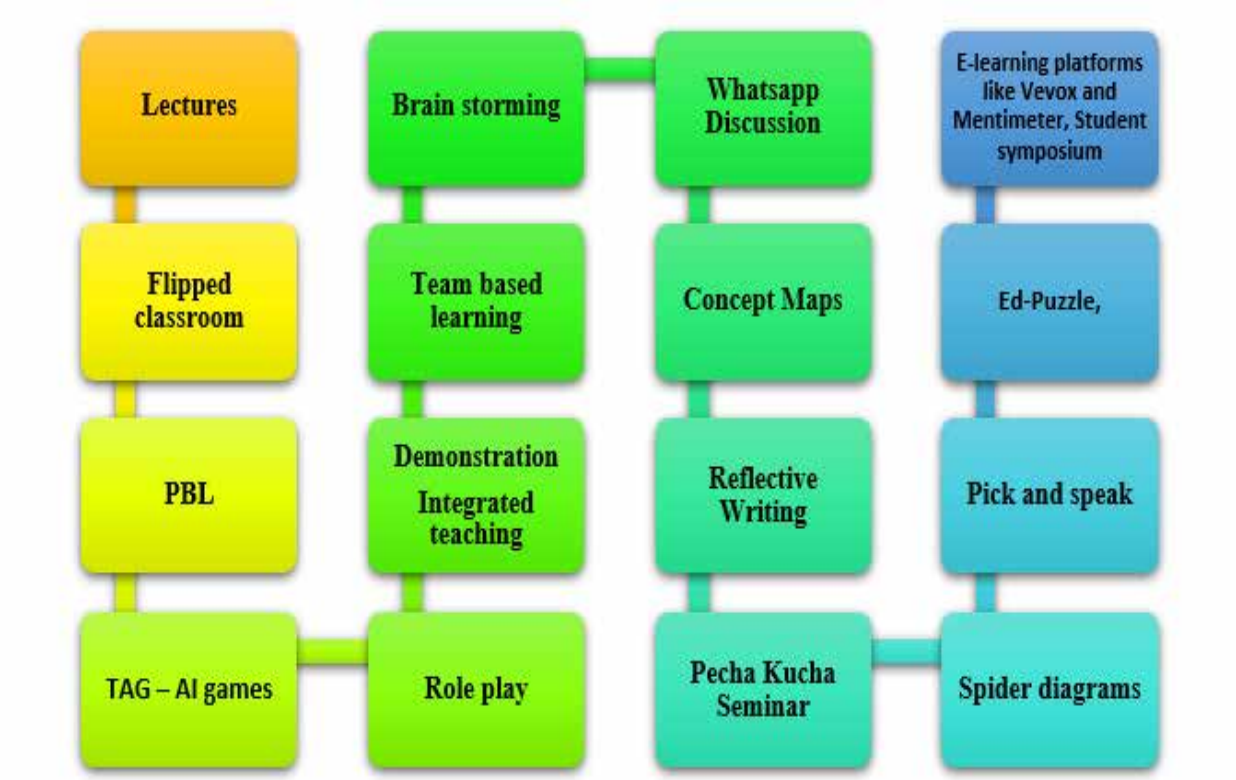
International	-	130
National	-	206
Total	-	236

Library Usage Statistics

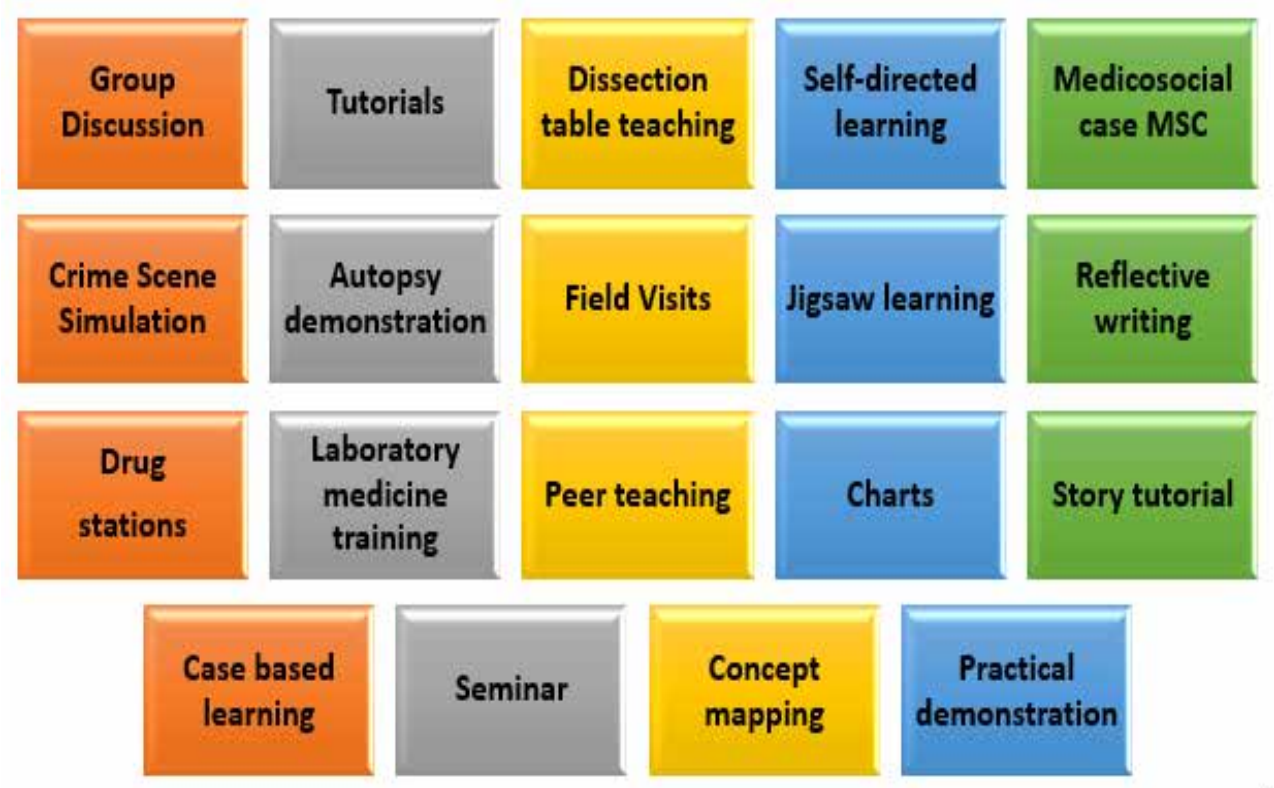


Innovative Teaching Methods employed

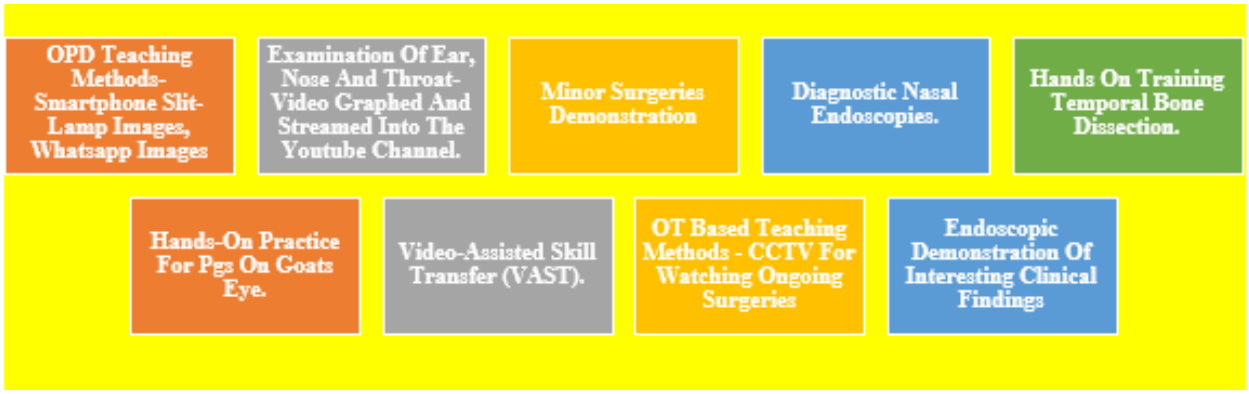
Large group teaching



Small group teaching



Clinical Teaching



BEST PRACTICES OF THE DEPARTMENTS ALIGNING WITH SDG 4

Video-Assisted Learning (Department of Anatomy)

Context: Visual-aided methods are effective in overcoming challenges like increasing class size, expanding curriculum, and shortage of trained faculty. Technology has made teaching material more accessible and interactive, revolutionizing traditional teaching methods of Human Anatomy.

Objectives: Enhance teaching and learning of human anatomy using videos; implement video modules in





Practical Approach Using Computerized Human Experiments (Department of Physiology)

Context: Implementation of computerized human experiments in place of manual instruments for MBBS Phase I students.

Objectives: Improve understanding of experimental skills with interpretation using advanced computerized equipment and software for hands-on learning experience.

Practice: Students are divided into groups to perform computerized spirometry, electromyography, and ECG recordings with hands-on training.

Impact: Significantly improved understanding and technical skills in neuromuscular, cardiovascular, respiratory physiology, and neurophysiology.

Visual Evoked Potential	Computerised spiro
	

Storytorial (Department of Physiology)



Context: A tutorial where concepts are illustrated in the form of stories by students.
Objectives: Improve understanding of experimental skills and their interpretation through storytelling and hands-on learning.
Practice: Small groups of students perform stories illustrating physiology topics, followed by case study problem-solving.
Impact: Improved attendance, better learning, and understanding by students; successful engagement in self-learning.

Hands-On in the Digital Era: Interactive Training with Innovative Tools (Department of Microbiology)

Context: Provides hands-on experience and deep understanding using innovative technologies like spider diagrams, ED Puzzles, Quizziz, role plays, and chalk and talk.
Objectives: Develop a better understanding of the pathogenesis, clinical manifestations, and management of infectious diseases; make the learning process engaging and effective.
Practice: Practical hours are used for innovative technologies, with students briefed in advance and engaged in various interactive activities.
Impact: Develops interest and practical application of concepts, improving understanding and incorporation into clinical practice.





TAG-AI: Tackling Antimicrobial Resistance through Gamification and Artificial Intelligence (Department of Microbiology)

Context: Addresses the global health concern of antimicrobial resistance (AMR) using gamification and AI.
Objectives: Understand and remember the rational use of antimicrobials; develop ideas for online games promoting rational use of antimicrobials.
Practice: Conducted in sessions with participants divided into teams, involving innovative games to learn about antibiotic use and resistance.
Impact: Improved knowledge of differentiating bacterial and viral symptoms, appropriate antimicrobial use, and rational combination of antibiotics.

Skill Lab (Department of Pharmacology)



Context: Provides a safer learning environment for acquiring clinical skills using mannequins.

Objectives: Enhance hands-on clinical skills, improve teamwork and communication, ensure patient safety, and encourage continuous improvement.

Practice: Structured hands-on learning using mannequins, emphasizing teamwork, continuous learning, and scenario-based training.

Impact: Improved competence and confidence, patient safety, and teamwork skills among medical students.





Skill Training for Interns (Department of Forensic Medicine)

Context: Provides essential skill training in Forensic Medicine, which is now a mandatory component of Undergraduate Medical Education as per the National Medical Commission.

Objectives: Equip interns with expertise in examining and documenting medicolegal cases; conduct forensic autopsies in common medicolegal cases.

Practice: Interns handle real cases under direct supervision, converse with police officers, and gather information from relatives of the deceased.

Impact: Adequate training in handling forensic autopsies, improved communication with police officers, and holistic understanding of forensic practice.





Experiential Learning (Department of Forensic Medicine)

Context: Majority of the UG Learning is happening in the classroom with contextual facts through the prescribed teaching methodologies. Experiential learning involves acquiring knowledge through direct hands-on experiences, emphasizing practical engagement.

Objectives: Students are taken through the cycle of experiential learning (experience, reflect, conceptualize, and experiment) for topics of routine Medicolegal issues. Aims to deepen understanding of investigative methodologies, evidence collection, and crime scene analysis.

Practice: Simulated crime scene examination is part of the curriculum. Students engage in practical scenarios to develop skills in crime scene management, evidence collection, and forensic analysis.

Impact: Develops team-building, skill development, and innovation among students. Provides in-depth understanding of crime scene management and forensic procedures.





Digital Log Book for Radiology (Department of Radiology)

Context: The digital logbook contains descriptions of skills and competence requirements that learners must acquire.

Objectives: Enhance the quality of work-based learning by creating a digital platform for long-term and multimodal image archival.

Practice: Designed and implemented for postgraduate students, accepted as a better assessment tool compared to conventional methods.

Impact: Eco-friendly, paperless system accepted by students and mentors for monitoring skill development.



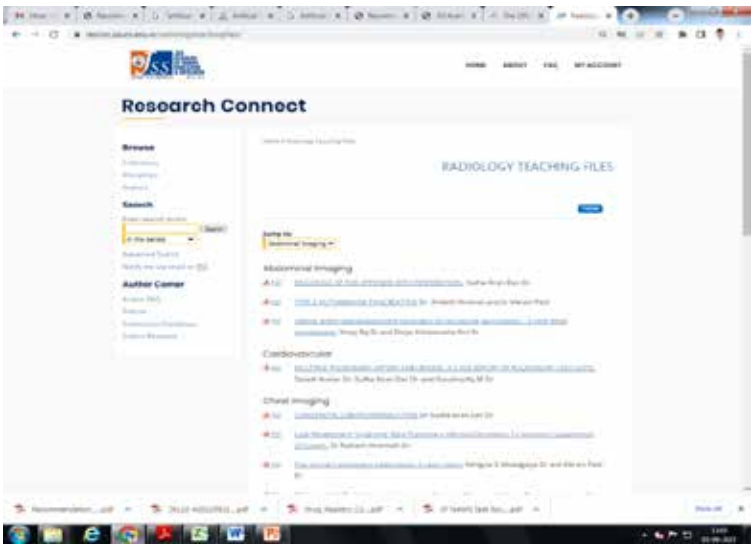
Radiology Teaching Files (Department of Radiology)

Context: Converting a teaching website into a comprehensive teaching file system for radiological images.

Objectives: Help postgraduates understand journal article composition and establish a solid foundation of fundamental radiology knowledge.

Practice: Utilized the Elsevier platform; indexed cases in Google Scholar for ease of student use.

Impact: Deepens residents' understanding and aids in writing academic articles.



Training the Undergraduate Students on Point of Care Arterial Blood Gas Analysis (Department: Emergency Medicine)

Context: Use of ABG at the patient's bedside for diagnostic and therapeutic purposes.

Objectives: Introduce all undergraduates and house surgeons to Point of Care ABG.

Practice: Teaching incorporated into the curriculum with hands-on training provided.

Impact: Improved patient care and training.

Life Support Training Program (Department: Emergency Medicine)

Context: Training for timely resuscitative procedures and management of emergency conditions.

Objectives: Train all undergraduates in Basic Life Support (BLS) and postgraduates in Advanced Cardiac Life Support (ACLS).

Practice: Hands on training with mannequins, standardized courses

Impact: Improved patient care, establishment of code blue services

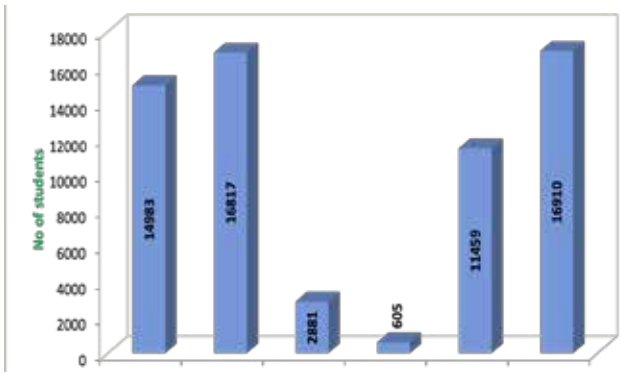
SWASTHYA Program (Department of Community Medicine)

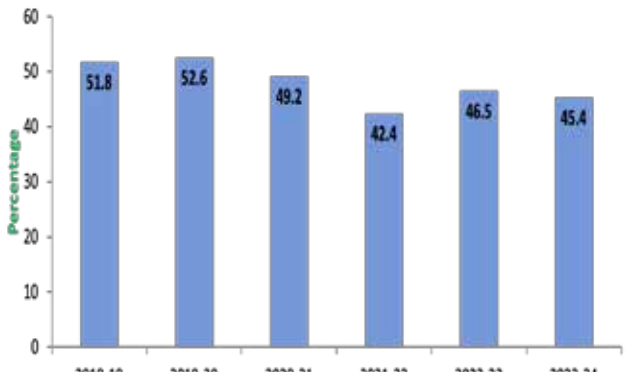
Context: The School Health Appraisal Program (SHAP) named SWASTHYA was initiated to promote health and well-being of school children and adolescents.

Objectives: Provide preventive, promotive, and curative primary health care to students.

Practice: Annual health examinations, on-the-spot treatment, specialized care referrals, and health education sessions.

Impact: Improved health status of students, with high satisfaction ratings from teachers and students.





Community Medicine Chronicle E-Newsletter (Department of Community Medicine)

Context: Disseminate information about community medicine activities, achievements, and advancements.

Objectives: Inform readers, promote community engagement, showcase talents.

Practice: Quarterly e-newsletter with sections on activities, awards, public health updates, and interactive segments.

Impact: Enhanced communication, increased awareness, and improved community engagement.





JSS Mental Health Awareness and Nurturing Program (Department: Clinical Psychology)

Context: Promote mental health and well-being among student s, faculty, andstaff.
Objectives: Sensitize about mental health, reduce stigma, create a support model, and prevent suicidal risks.
Practice: Training teachers (CHITTA) and direct student support
(SWASTHA) with workshops, training sessions, and large-scale events.
Impact: Improved mental health awareness, early interventions, and reduced self-harm and suicide attempts.





Tele-Counseling Support for SSLC & PUC Students Enrolled in Board Examinations (Department: Clinical Psychology)

Context: Train MSc students in tele-counseling to support students during board examinations.
Objectives: Provide mental health support, address exam stress, establish a communication network.
Practice: Three-day workshop for training, followed by tele-counseling sessions reaching 827 students.
Impact: Reduced anxiety and stress among students, better academic performance.





Student Support Centre (Department: Clinical Psychology)

Context: Provides need-based counseling and psychotherapy to address psychological issues among students.
Objectives: Provide psychological support, address mental health issues, equip students with coping strategies.
Practice: Tailored counseling services with increased outreach through online platforms.
Impact: Significant improvement in mental health and academic performance.

VALUE-ADDED PROGRAMS OFFERED

Department	Name of the value-added courses
Physiology	Rapid Rejuvenate -A Silhouette for Eminence
	Kinesiology - Fathoming the dynamics of kinetics
Pharmacology	Holistic Health - New evolution in patient care
	Ethics in health research
Biochemistry	Chromatographic Applications in Medicine
	Diagnostic Utility of Electrophoresis
Anatomy	Basics of special stains and its application in the study of normal tissue
Pathology	Digital pathology
Microbiology	Tackling Antimicrobial Resistance – Bench to Bedside
ENT	Biomedical innovations, AI , innovative hand models in Otorhinolaryngology
MEU & Skill lab	Orientation Programme and Essential Clinical Skills Workshop
	Scientific writing
MEU	Scientific writing
MEU & Anesthesia, JSSMC	Orientation Programme and Essential Clinical Skills Workshop
Orthopaedics, JSSMC	Surgical Exposures of Upper Limb and Lower Limb in Anatomic Specimens
	Basic Course on Arthroscopy of Knee and Shoulder
Anaesthesia, JSSMC	How to handle crisis situation - crisis resource management (CRM).
Radiology, JSSMC	Fetal Imaging- Fundamentals to Advances
Forensic Medicine	Forensic Anthropology
OBG	Andrology
Dermatology	Advanced dermato surgical procedures
Anesthesia, JSSMC	Advanced cardiac and basic life support
MEU, JSSMC	Medical Humanities
JSSMC	Foundation course on research methodology workshop for MSc students
JSSMC	Soft skills for BSc
JSSMC	Enhancing Soft skills

Recognition of Quality of Education in Inner Review Magazine



JSS Medical College has been featured as "Top 10 Educational Colleges to watch" in the Inner Review – Accelerating Business magazine in June 2024 edition. This magazine has Worldwide subscription of more than 10 lakhs.

Faculty Awards

	Dr.H.Basavana Gowdappa, Principal and Professor of Medicine, JSS Medical College, Mysuru received Life Time Achievement Award in recognition for his distinguished services for the growth of Association of Physicians of India Karnataka Chapter during the 40th Annual conference of API (KAPICON 2023) held at Ballari during 11th to 13th August 2023.
	Dr.H.Basavana Gowdappa, Principal & Professor of Medicine was Felicitated in KRSSDI STATE Conference for his phenomenal contributions to the field of diabetology on 16th December 2023 at Bangalore
	Dr.P.A.Mahesh, Professor of Respiratory Medicine and Dr.Rajesh Kumar Thimmulappa, Professor of Biochemistry have been recognized as World's Top 2% Scientists for Career Long Publications by Stanford University on 5th Oct.2023.
	Dr.M.Suresh Babu, Professor of Medicine, JSS Medical College & Hospital, JSSAHER was awarded the American College of Physicians Distinguished Mentor award for the year 2023 in recognition of his outstanding mentorship in the field of clinical medicine. The award was presented during the American College of Physicians, India Chapter Internal Medicine meeting held at Bhubaneshwar, Orissa on 23rd Sept.2023.

	Dr. Akila Prashant, Prof & HOD of Biochemistry received award from ICMR for Centre of Excellence in Molecular Biology and Regenerative Medicine as Collaborating center of Excellence (CCoE) on 4th Nov.2023. This award is issued with the objective to develop guidelines, undertake multicentric projects, and enhance capacity building efforts. Additionally, it is important to note that the available resources in each of the CCoEs will be shared among all the centres for the purpose of student training and research. Ours is one among 25 centres from 128 centres applied for this recognition of centre of excellence.
	Dr.Laxmi Nagendra, Asst.Professor, Department of Endocrinology, JSS Medical College is honoured with Young Endocrinologist Par Excellence award from Sri Mangubhai Patel, Honorable Governor of Madhya Pradesh at the Research Society for Study of Diabetes in India (RSSDI) Annual Conference at Bhopal on 14-10-2023.
	Dr. Arun M, Professor, Dept. Of Forensic Medicine has been awarded FAIMER fellowship from PSG FAIMER Regional Institute, Coimbatore on 1st July 2023.
	Dr.Paayal Chandrashekar, Assistant Professor, Dept. Of Anaesthesiology received Fellowship of the Royal College of Anaesthetists on 5th July 2023.
	Dr.Babu A.R., Asso Professor of E.N.T. has been elected as President of AOI Karnataka branch for the year 2023 during 40th AOICON 2023 held at Nimhans Convention centre on 7th to 10th September 2023

	Dr.Y.S,Ravikumar, Prof & HOD, Dept. of Medicine received RSSDI Fellowship at KRSSDI STATE Conference on 16th December 2023 at Bangalore.
	Dr.Mahesh P A, Professor of Respiratory Medicine received As One of the Inspiring Chest Physician of India at Hyatt Regency, New Delhi on 30th Jun.2023.
	Dr.Prathibha Pereira, Prof. & HOD of Geriatrics, outstanding contribution towards patient care among Geriatric population and in maintaining quality standards at Mysuru Art Gallery, Mysuru on 12th Aug.2023
	Dr.Lakshmi Nagendra, Associate Professor, Department of Endocrinology was awarded with the Best Research Paper at the Annual Kerala State Endocrinology conference on 04.12.2023
	Dr.Vinutha S.P., Assistant Professor, Department of Anatomy received Dr.Sarvepalli Radhakrishnan Distinguished Assistant Professor Award 2023 in Anatomy on the eve of National Teacher's Day celebrations by Centre for Professional Advancement Continuous Education (CPACE), Vijayawada, Andhra Pradesh, India on 5th September 2023.
	Dr. Kusuma K.S., Asst.Prof. of Biochemistry received Special Appreciation for the research work at AMBICON 2023 30th Annual Conference on 14th to 16th December 2023, CIDCO Convention Centre, Navi Mumbai.

	Dr.Pallavi P, Associate Professor, Transfusion Medicine and Blood Centre received Excellence Award in Blood transfusion services by ISBTI.
	Dr. Sujatha S R, Asst.Prof of Microbiology received International Best Researcher award at ISSN international Science and technology awards congress 2023, Trichy on 28th Oct.2023.
	Dr.Badveti Satyasai, Tutor in Microbiology received Best Researcher Award at International Science & Society Network, Trichy on 28th Oct.2023
	Dr Shweta Neminath Kurkuri, Asst.Prof. of Comm. Medicine received Best Paper Award at KACH, Bangalore during 11th & 12th August 2023
	Dr.Prabhakar S K, Prof. & HOD of Ophthalmology received Best Innovation Award at Karnataka Ophthalmic Association (KOSCON 2023), Bangalore from 27th to 29th Oct.2023
	Dr. T.S. Sathyanarayana Rao, Professor of Psychiatry received C.V. Raman Outstanding Distinguished Scientist Award at KL University, Vijayawada on Aug.2023.

	JSS Medical College received first prize for the annual college Magazine 'Samarthya' for the year 2021-22 on the occasion of 108th Jayanthi Mahotsava of His Holiness Jagadguru Dr. Sri Shivaratri Rajendra Mahaswamiji on 29.08.2023
	Academic society felicitated Dr.H.Basavana Gowdappa for completing 15 years of excellent service as Principal.
	Dr. Srinivasa Murthy, Professor, Dept. of Pediatrics, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru has been awarded the MOST INNOVATIVE STARTUP OF THE YEAR (Consumer Services Industries) by the Asia Pacific Stevie Awards- 2024. The innovation "Neonatal Feedrail" – which is an innovative device to feed neonates with gravity feeding method in NICU has won the SILVER AWARD in the category on 14-05-2024
	Dr.Lakshmi Nagendra, Assistant Professor, Department of Endocrinology, JSS Medical College, Mysuru has presented an Oral paper titled "Cost effectiveness of FRAX – based intervention thresholds for management of osteoporosis in Indian Women" and won the First Prize in the 19th Annual National Conference held at Indian Society for Bone and Mineral Research (ISBMR), Chennai on 10th & 11th February 2024
	Dr.Vidya C.S., Prof. & HOD, Department of Anatomy received appreciation award on 6th March 2024 from JSS Ayurveda Medical College for her contribution in the field of Anatomy

	Dr.Ranjitha Shankaregowda Gowda, Assistant Professor, Department of Microbiology, JSS Medical College is one among the 16 handpicked experts across the country from various research platforms to attend the training program funded by Department of Health Research and organised by the premier ICMR institute ICMR-NIRRCH, Mumbai on “Human disease models: approaches, advances and applications” between 6th to 31st May 2024
	Dr.Mamatha S., Prof. & HOD and Dr.K.B.Suma, Professor of O.B.G. felicitated by DC for inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC on 09-02-2024.
	Dr.Bharathi M.B., Prof. & HOD of E.N.T. received L.H. Hiranandani Oration award topic Primary Parapharyngeal Space Tumours : Diagnostic and Therapeutic Pearls and pitfalls at the Association of Otolaryngology of India (AOICON 2024), Bangalore during 4th to 5th Jan.2024
	Dr.Soumya H.V., Associate Professor of Ophthalmology received As Teacher for AIOS Gurusangam At Delhi at All India Ophthalmic Association AIOS Gurusangam, Delhi on 18th Feb.2024.
	Dr.Manjunath S. Shetty, Prof. & HOD of Nephrology received Legacy Award at Nephrology Association of Karnataka (NAK), Bangalore 03-06-2024.

STUDENT AWARDS

	Chinnappa A. Uthaiah, Ph.D Scholar in Biochemistry received Best Poster Award at Division of Biochemistry, School of Lifesciences, JSS Academy of Higher Education & Research, Mysuru on 12th & 13th Sept.2023.
	Harshitha, Devam, Harshith Vrindesh, Dhanushya, 1st year MBBS students received 3rd Place in Role Play competition at PAN India-CME by Physician association for nutrition India, MMC & RI, Mysuru on 29th Nov.2023
	Rachana B, a fourth-semester M.Sc. Medical Biochemistry student was nominated to attend the G20 Ministerial Conference on Women Empowerment which took place in Gandhinagar, Gujarat, from 2nd to 4th August 2023.
	Thrupthi Rai , Rachana B, Harish S, Pavithra G, and Gopikrishna Balusupati, fourth-semester M.Sc. Medical Biochemistry students participated in the SRUJANA 2023 inter-college scientific model competition and exhibition, which was held on September 30, 2023, organized by the Department of Biotechnology and Bioinformatics, JSS School of Life Sciences, JSS AHER Mysuru and secured third prize, a cash amount of Rs 5000, for presenting a model that details the complex mechanisms underlying hormone activities and illustrates how Group 1 and Group 2 hormones work.
	Ms.Anisa Khan, Ph.D Scholar, Dept. of Biochemistry received Best Poster Award at Tumukur University on 21st to 23rd August 2023.

	Pranav Balaji Kashyap, 2nd MBBS in received 2nd Place in Oral Case Presentation at National Medical Conference of Bangalore Medical College and Research. Panacea
	Dr Annaram Ravali & Dr.Rakesh, PGs in Comm. Medicine received Best Paper Award titled Upshots of Health evaluation among type 2 diabetes patients : A field study in Mysuru and Hand grip strength in type 2 diabetes and non-diabetes respectively at KACHCON, Bangalore, organized by KIMS, Bangalore on 11th & 12th August 2023
	Dr. Shruddha, Dr.Lekhashree A., Dr. Kodeeswaran .M, PGs in Comm. Medicine received Best Oral Presentation at International Tuberculosis CONCLAVE 2023, JSS AHER, Mysuru on 23rd & 24th Nov.2023
	Dr. M Jayakshimman, PG in Forensic Medicine received Best paper award at KAMLSCON-2023, KS Hegde Medical College, Mangalore on 3rd & 4th Nov.2023.
	Dr.Sahiti Priyanka Alla, PG in Medicine received Best paper in nephrology in the free paper session 11th to 13th August 2023, API (KAPICON 2023), Ballari

	Dr.Venkataramana Rao Metpally, PG in Medicine received 1st prize in ePoster Titled: Mean platelet volume and immature platelet fraction in acute ischemic stroke in neurology on 11th to 13th August 2023, API (KAPICON 2023), Ballari.
	Dr.Preeti Prakash Prabhu, PG in Medicine received Best Paper (Oral Presentation) – first prize Paper presentation on the Topic Association between Cardiac Autonomic Dysfunction and Type 2 Diabetes Mellitus at KRSSDI, Bangalore on 16th & 17th Dec.2023.
	Dr.Venkataramana Rao Metpally & Dr.Sujith Chunduri, PGs in Medicine Won the first prize in State Level Diabetes Quiz at KRSSDI, Bangalore on 16th & 17th Dec.2023.
	Dr.Tanmay Abhijit Kulkarni, PG in Medicine received Awarded first prize in poster presentation at KRSSDI, Bangalore on 16th & 17th Dec.2023.
	Dr.Rajath Siddu, PG in Geriatrics received Quiz Winner at Geriatric-Emergency CME 2023 at JSS Medical College Hospital, Mysuru on 22nd Jul.2023
	Dr.Surya Bhandipatti was conferred with Dr.V.Parameshwara Best Paper Award on 11th to 13th August 2023, API (KAPICON 2023), Ballari.

	Dr.Sanjana, PG in OBG received Young Investigator at ISSHP, Bangalore on 24th to 27th Sept.2023.
	Dr.Vineetha, PG in Anaesthesiology received Best E-Poster presentation at Indian Society of Anaesthesiology (ISACON), South Zone 2023, Mysuru on 11th to 13th Aug.2023.
	Dr.Aishwarya, PG in Anaesthesiology received M.T. Bhatia Young Physician National Award at Indian Society of Anaesthesiology (ISACON), South Zone 2023, Mysuru from 22nd to 26th Sept.2023.
	Dr.Sasi Kiran, PG in Emergency Medicine received 2nd Place in Poster Presentation at EM Geriatrics CME, JSS Medical College, Mysuru on 22nd July 2023.
	Dr Naureen & Dr Austin, PG in Emergency Medicine received 1st place in quiz competition at EM Geriatrics CME, JSS Medical College Mysuru on 23rd Sept.2023
	Dr.Sasikiran, PG in Emergency Medicine received 2nd place in quiz competition at EM Geriatrics CME, JSS Medical College Mysuru on 22nd Sept.2023

	Dr.Naureen, PG in Emergency Medicine received Best Research Paper Award – EM Karnataka 2023 at Karnataka Emergency Medicine Physicians Association, Bangalore on 23rd Sept.2023.
	Dr Naureen, PG in Emergency Medicine received 2nd Place in Quiz Competition – EM Karnataka 2023 at Karnataka Emergency Medicine Physicians Association, Bangalore on 23rd Sept.2023.
	Dr.Suresh Soman & Dr.Aakash Naik, PG in Hospital Administration received Consolation Prize for Poster Presentation at "SASH" AHA India, New Delhi on 14th to 16th Dec.2023.
	Ms.Samarchita S, Dept. of Clinical Psychology received Best Paper Award at National Annual Conference of Clinical Psychology Society of India, NIMHANS, Bangalore on 12th August 2023.
	*Ms. Yashika Sharma*, a Phase III Part II MBBS Student of JSS Medical College, has won *'First Prize'* in Essay Competition organised by "JSS Law College Hostel for Women, Mysore". Ms.Yashika has also won a *cash prize of Rs.3000* for the same. The topic of the competition was either on "Women from Home Maker to Parliament, a Struggle for Success" or "Role of Women as a Single Parent in Present Scenario".
	Stuti Jajodia, Vanshika Jaimini and Sana Singh, MBBS Phase II (2022-23 Batch) went for anat art fest in Father Muller Medical College, Mangalore, held on 18th May, 2024.students have won 3rd position in the same.
	Akshatha N.S., Ph.D. scholar received Best Poster Award at the Annual meeting of Society of Biological Chemists (India) during 18th to 20th December 2023 at BITS Goa

	Dr.Preethi G.A. Senior project Associate from department of Biochemistry received Best Oral presentation award at Karnatak University, Dharwad on 24th Jan.2024.
	Medha, Ph.D. scholar received Best e-poster award at "International conference on global collaboration in Pharmaceuticals Bridging Borders Breaking Barriers" at JSS College of Pharmacy, Ooty during 15th to 17th March 2024
	Harshitha, Ph.D. scholar received Best Oral presentation at National conference on Biochemistry emerging Science & technology held at MMK & SDM Institute, Mysuru on 14th & 15th March 2024.
	Dr.Shubhashree AN, Dr. Shivani, Mr. Hemanth, Dr. Deeksha M, Dr.Rachana BN, MPH students received GRAAM Y4G Fellowship at Grassroots Research and Advocacy Movement (GRAAM), Mysuru on 29th May 2024.
	Dr.Krupa Krishnan, PG in General Medicine received Best Presentation award at Centenary Celebration Medicine Update – 2024 organized by Mysore Physicians Medical & Research Trust ® in collaboration with Department of Medicine, MMCRI & JSSMC, API, Mysore Chapter during 12th to 14th January 2024.
	Dr.Krupa Krishnan and Dr.Pranavi, PGs in General Medicine received First Prize in the Dr.M.V.Govindappa Memorial PG Medicine Quiz at Centenary Celebration Medicine Update – 2024 organized by Mysore Physicians Medical & Research Trust ® in collaboration with Department of Medicine, MMCRI & JSSMC, API, Mysore Chapter during 12th to 14th January 2024.

	Dr.Maneesha Bellam, PG in General Medicine received Cash prize for the best debater at Centenary Celebration Medicine Update – 2024 organized by Mysore Physicians Medical & Research Trust ® in collaboration with Department of Medicine, MMCRI & JSSMC, API, Mysore Chapter during 12th to 14th January 2024
	Dr.Krupa Krishnan, PG in General Medicine received Best poster presentation at World Rheumatology Forum summit 2024 Rheumatology Master classes, Chennai on 16th & 17th March 2024.
	Dr.Shivasubramaniam Karunakaran, PG in Respiratory Medicine received First Prize in category Obstructive Airway Disease at Lulu International Convention Centre, Thrissur, Jubilee Mission Medical College Hospital and Research Institute Thrissur Kerala during 2nd to 4th Feb.2024.
	Dr.Aishwarya Aladakatti, PG in Respiratory Medicine received Best E-Poster award at 26th National conference of the Indian Association for Bronchology, Kochi during 24th to 26th May 2024.
	Dr.Apoorva, Dr.Kusuma, PGs in O.B.G. received first prizes in quiz and Dr.Srinidhi received Second prize in quiz at KSOGA (Online) on 19th April 2024.
	Dr.Shresta, PG in Anaesthesiology received 2nd place in best paper presentation in the CME session on Interesting / challenges in clinical practice moderated by Dr.Anil Kumar conducted on 9th June 2024 at Apollo BGS Hospital, Mysuru in association with ISA Mysuru city branch.
	Dr.Poojitha S., PG in Ophthalmology has successfully completed Diagnostics, Investigative & Operational Procedures Skill Transfer course (DIOSTC) on “Gonioscopy / Tonometry (NCT & Application)” at All India Ophthalmological Society, Kolkata during 14th to 17th March 2024.

COLLABORATIONS



INTERNATIONAL VISITS BY FACULTY/STUDENTS


CERTIFICATE OF APPRECIATION

Dr H Basavana Gowdappa

"Health Delivery Systems in an Emerging Economy and Role of Innovation for Cost Effective Delivery: A Case Study from India"

at the International Conference on

"Improving Efficiency and Effectiveness in Health Delivery Systems in Developing Countries: Research, Implementation and Policy Issues"

Dr.Basavana Gowdappa, Principal & Professor of Medicine delivered a keynote lecture on "Health Delivery system in an Emerging Economy role of innovation for cost Effective Delivery: A case study from India" during International conference on Improving Efficiency and Effectiveness in Health Delivery Systems in Developing countries held from 21st to 23rd Nov.2023 at Pearle Beach Resort, Flic en Flac, Mauritius.

Dr. MVSST Subba Rao & Dr. Rajesh Kumar T, Professors, Department of Biochemistry participated in Indo-Sweden Workshop on Household Air Pollution and Health as delegates at Karolinska Institute, Stockholm, Sweden from 25th to 29th September 2023.






Karolinska Institutet

Dear Prof. MV. Subbarao

With best greetings

Sanjiva Upadhyay — Kaustav Ganguly

(Joint Convenors)


Karolinska Institutet

Dear Prof. Rajesh Thimmulappa

With best greetings

Sanjiva Upadhyay — Kaustav Ganguly

(Joint Convenors)



Ms. Dhanalakshmi, III Semester student of MPH participated as delegate in Eccar, Pollica, UNESCO from 3rd to 9th Sept.2023.

Dr.Amulya T.M., Senior Resident, Dept. of ENT presented paper on Novel Drug eluting nasal stents at our experience on 10th Nov.2023 through online mode.





Dr Manjula B.P., Professor, Dept. of Anaesthesiology presented a paper titled Lung protective ventilation during anaesthesia" at Singapore on 8th & 9th September 2023.



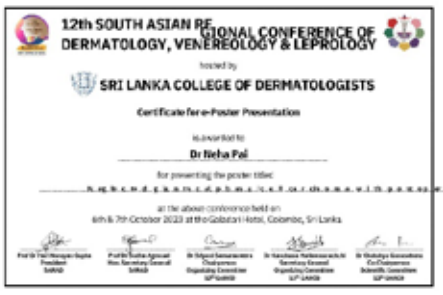
Dr. Prathyusha Papishetty, PG, Dept. of Dermatology presented a poster titled "Understanding and successful management of acute methotrexate toxicity: a case series" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023.



Dr.Tanmayi Komal, PG, Dept. of Dermatology presented a poster titled "SQS: a tool for assessing patient satisfaction after vitiligo surgery" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023.



Dr.C Aradita, PG, Dept. of Dermatology presented a poster titled "Clinico-dermoscopic and histopathological features of sweet'syndrome" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023



Dr.C Aradita, PG, Dept. of Dermatology presented a poster titled "Bleomycin induced flagellate pigmentation" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023



Dr. Anita Shyam; MBBS, M.D. Psychiatry; currently practicing in USA presented a lecture on Relevance of sexual medicine in clinical practice at SRCA, JSS Hospital Mysuru on 4th September 2023



Dr.Sowrabha.R, Assistant Professor of Nephrology & Dr.Vamshi Dharan, Senior Resident, 2nd year, DM-Nephrology participated as a delegate in the International conference on Glomerular disease study and trial consortium, Tokyo on Oct.2023. Both of them had received Travel grant from International Society of Nephrology for Primer on Glomerular Diseases, Tokyo 2023- 450 USD

STUDENT EXCHANGE PROGRAMME



- Ms Khushi Dagli from Quinnipiac University, USA is currently pursuing observership at JSS Medical College and JSS Hospital in the Department of Community Medicine, School of Public Health, Hospital Administration, Dept of Obstetrics and Gynaecology, and Paediatrics for a duration of four weeks from 05-06-2023 to 01-07-2023.
- JSS Medical College, JSS Academy of Higher Education and Research hosted Asian Medical Students Exchange Program (AMSEP) between 04-07-2023 to 10-07-2023. Under this program, 10 students from Tzu Chi University, Taiwan and 3 students from AMSEP National Board (Ms. Yeh, yi-en, Ms. Chuang, ying-chi, Ms. Chen, kai-hsin, Mr. Guo, jia-ju, Mr. Ku, huang-hsiang, Mr. Kao, chien-yung, Mr. Cheng, bo-yu, Mr. Yang, tzu-chieh, Mr. Huang, ying-kai, Mr. Shih, huang-yu) were hosted in the campus of the institution. There were a series of events planned throughout their stay at JSS Medical College to foster both cultural and academic exchange. The activities included, visit to JSS Hospital, Skill lab, visit to Anatomy Museum, and JSS Urban Health Centre to understand grassroot level healthcare delivery. They also were exposed to Forensic club activities and dissection. For cultural exchange, the delegates visited tourist places in Mysuru, participated in cultural evening, sports, and also tasted Indian cuisine. The event was coordinated by our 3rd year medical students Ms G S Sanjana, Ms Deetya Kummeta, Ms Ananya Thaker, Mr.Darshith R Pillai,and Ms Shruti Singh.



Observership

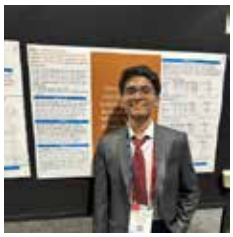


Ms Khushi Dagli, student of Global Public Health from Quinnipiac University, Unites States completed observership in the Department of Community Medicine, School of Public Health, Hospital Administration, Department of Obstetrics and Genecology, and Pediatrics for a duration of 4 weeks, between 05/06/2023 to 01/07/2023 at JSS Medical College and Hospital.



Mr.Jathin Teja Kolli and Ms Jyoti Yadav MBBS students of 2017-18 Batch completed observership between 1st April to 26th April, 2024 at Albert Einstein College of Medicine and Cardiac Care and Vascular Medicine, US

Mr.Jithin Teja Kolli, MBBS student of 2017-18 Batch attended the Society of Cardiovascular Angiography and Intervention (SCAI), held at California, US between 2nd to 4th May, 2024. He presented a poster titled "Impact of Pulmonary Hypertension on outcome after Mitral Transcatheter Edge-Edge Repair: Systematic Review and Meta analysis"







Mr.Jithin Teja Kolli, MBBS student of 2017-18 Batch completed observership at Banner University Medical Centre, US between 6th to 31st May, 2024 in the department of Internal Medicine.



Ms.Jyoti Yadav, MBBS student of 2017-18 Batch completed observership at East Advent Health, Orlando, US in the dept of Internal Medicine from 2nd to 26th May, 2024



Ms.Jyoti Yadav, MBBS student of 2017-18 Batch completed observership between 5th to 30th June, 2024 at Banner University Medical Centre, US at Dept of Internal Medicine



An orientation program for three scholars from University of Pennsylvania was conducted on 11th June, 2024 at School of Public Health. Faculties from School of Public Health, Dr.D.M.Shilpa and Dr.Divya K.L. served as resource persons and gave talk on prevention of Sexual harassment and Health tips respectively to help the international scholars from American Institute of Indian Studies to learn and adapt to local conditions in India.

American Institute of Indian Studies (AIIS) provides a range of services to U.S. study abroad programs in India such as research fellowship support for scholars, training in Indian languages, knowledge of Indian culture, publications about India, other service learning programs and to advance the understanding of India and to foster exchange and collaboration between scholars in India, the U.S. and other countries in South Asia. The program was also presided by Dr.Purushothama Bilimale, Kannada Language Program Coordinator, AIIS, Ms Poornima, University of Mysuru, and Dr Sukanya, who gave an orientation and overview about the program.

ACADEMIC / INDUSTRIAL EXPERTS / ADJUNCT FACULTY VISITS

ESTEEMED VISITORS TO JSSAHER SKILL & SIMULATION CENTER





Dr. Soumya Swaminathan - Former Chief Scientist, WHO (04.07.2023)



Dr. Ramesh Babu - Professor/ Director, Navodaya Medical college (10.07.2023)



Dr. Narmadha - Amrita school of Pharmacy, Kochi (03.08.2023)



Dexna – USA(10.08.2023)



Delegate from Psychiatry conference



Margret Hiinerbein - CEO, Bili home, Vietnam (13.09.2023)



Dr. Sanjay K Maheshwari - Medical director, M.P Birla group of hospital, Satna (26.09.2023)



Dr. Shalabh Gupta - Dean academics, Santhosh Deemed to be university, UP - 29.09.2023



Dr. Lucky Gupta - Assistant proffessor, AIIMS -vijay-pur (09.10.2023)





Dr. Chitte Ranjan chowdry,professor & academic dean, UK (31.10.2023)



Dr. O P kalra - Vice Chancelor, SGT University, Gurugram(01.12.2023)



Dr. S K Varshney- Dept. of Science & Technology, Govt. of India, New delhi (07.12.2023)





Dr. Deepak Khazanchi- University of Nebraska, Omaha (21.12.2023)



P K Pradhan- IAS Ex secretary health, Govt. of India (08.01.2024)



Dr. Janice litza, Physician – USA (09.01.2024)



LT CDR Vinod Singh Yadav- Deputy secretary UGC (18.01.2024)



Uessili Pepadoparlos – USC, Dr. Gauri G Rao USC (19.01.2024)





Amit Mohan Prasad - IAS, Additional Chief secretary MSME & Export promotion, Govt. of UP (20.01.2024)



Katsuhiko Ogasawara – Hokkaido university (22.01.2024)



Dr. Kasi V Sellappan – Gyn & OBG (24.01.2024)



Dr. Xavier Poshiwa Zimbabwe university (05.02.2024)



Mr. Jagal Srinath esteem cricketer (26.02.2024)



Akshay Ravandur, USA (Boston University) (03.05.2024)



Dr. C. D. Sreenivas (04.06.2024)





Rajneesh Tingal – Joint Secretary, dept. of pharmaceuticals (18.06.2024)

PROFESSIONAL ENRICHMENTMENT PROGRAMMES

FACULTY DEVELOPMENT PROGRAMME ATTENDED BY FACULTY ALIGNED WITH SDG 4

Sl. No.	Name & Designation	Title of the programme	Date, Name of the Institution & Place	Copy of Certificate & Photos (jpg format)
1	Dr. Vidya C S Professor and HOD of Anatomy	2nd Contact session of "NMCs Advance Course in Medical Education"	17-01-2024 to 19-01-2024 at NMC Nodal Centre for Faculty Development, St. John's Medical College, Bangalore	
		21st Century teaching and learning skills	20th January 2024	
		Innovative Teaching Strategies and Tools in the Digital Age	03/01/2024 to 09/01/2024, Scrollwell and Lyallpur Khalsa College Kapurthala, Punjab	
2	Dr. Vinutha S P Assistant Professor, Anatomy	"Innovative Teaching Strategies and Tools in the Digital Age"	03/01/2024 to 09/01/2024, Scrollwell and Lyallpur Khalsa College Kapurthala, Punjab	
		Faculty Development Program on "*Teaching and Research Methodology" under Medical Education*	28/01/2024 to 30/01/2024, Organized by SRPIHER, Patna (RPIHE Foundation)	

3	Dr. Poonam D N Assistant Professor of Anatomy	Roadmap for Patent Creation	January– March 2024- 8 week course NPTEL – AICTE SWAYAM Online course co- ordinated by IIT Kharagpur & IIT Madras.	
4	Mr. Jadeppa G & Tutor. Biochemistry	NleCer 103: Scientific Writing in Health Research Online Course	February 2024, ICMR-NIE	
5	Mr. Ananth Koushik B & Tutor, Biochemistry	NleCer 103: Scientific Writing in Health Research Online Course	February 2024, ICMR-NIE	
6	Dr. Sahana K R & Assistant Professor, Biochemistry	Basic Course in Medical Education	04th to 6th June 2024, JSSMC, Mysuru	
7	Dr Venu D Senior Resident	Research leadership program	Jan 2024 to Mar 2024, JSSMC Mysore, JSS pharmacology Ooty and Online Zoom platform	
8	Dr Nagma Firdose Assistant Professor, Pharmacology	Basic course in Medical education	June 4th to June 6th, 2024, MEU, JSS Medical college, Mysuru.	

9	Dr. Ranjith Raj Assistant Professor, Pharmacology	Basic course in Medical education	June 4th to June 6th, 2024, MEU, JSS Medical college, Mysuru.	
10	Dr. Asha M Professor, Pathology	NMC- Basic Course in Medical Education	04.06.2024 to 06.06.2024 JSS MC	
11	Dr. Rekha T S Asso. Professor, Pathology	Critical appraisal of Grant writing	23.03.2024 School of Public Health JSS MC JSS AHER	
12	Dr .Archana M Asst. Professor, Pathology	Effective Utilization of subscribed e-Resources of JSS AHER	1st & 2nd February 2024 JSSAHER	
13	Dr. Teena D Murthy Sr. Resident, Pathology	JMP Workshop	21st May 2024 JSSAHER	
14	Dr.Shouree K R Pathology	Effective Utilization of subscribed e-Resources of JSS AHER	1st & 2nd February 2024 JSSAHER	

15	Dr. Ranjitha Shankare Gowda Assistant Professor, Microbiology	DHR Funded ICMR –NIRRCH training program on "Human disease models: Approaches, advances and applications"	6-5-2024 to 31-5-2024	
16	Dr. Deepashree R Asst. Prof, Microbiology	Basic Course in Medical Education	04/06/2024 – 06/06/2024, MEU, JSS Medical College, Mysuru	
		Revolutionizing Health care : Role of AI in ID Management March 1st	March 1st, 2024, JSS Hospital	
17	Dr. Sujatha S R Asst. Prof, Microbiology	Basic Course in Medical Education	04/06/2024 – 06/06/2024, MEU, JSS Medical College, Mysuru	
18	Dr. Neetha S Murthy Asst. Prof, Microbiology	Research Leadership Program – Building Mentorship and Leadership Capacity among Scholors from Historically Under-represented Groups	Jan 2024 to March 2024 Yale school of public health, Public health research institute of India (PGRII), The University of Arizona MEL & ENID Zuckerman college of public health Global Health Institution, JSS AHER	

		Advanced Course in Medical Education,	19th to 23rd Feb 2024, St John's Medical College, Bangalore	
		Revolutionizing health care: The role of AI in infectious disease management	4th March 2024	
19	Dr Smitha MC, Associate Prof. Community Medicine	Qualitative Data Analysis using NVivo software	1-4/02/2024, Lakshya Research Centre, Gandhinagar	
		National CME and Workshop on AI in research and publication	23/02/2024, JSS Medical College, Mysuru	
		JMP Software workshop	21/05/2024, Medical College, Mysuru	

20	Dr Amoghashree, Assistant Professor, Com Medicine	Basic Course in Medical Education	4/06/2024 to 6/06/2024, JSSMC	
22	Dr.Chandra-kanth H V, Prof and Head, Forensic Medicine	MBA (Hospital and Health Care Management)	D Y Patil University, Navi Mumbai December 2023	
23	Dr.M.Mahesh Professor, General Medicine	Online Certification Basic Course in Biomedical Research as mandated by the National medical Commission (NMC)	February 2024	
24	Dr.Swathi.B.S, Asst. Prof, General Medicine	Basic Course in Medical Education	June 2024	
25	Dr.Ramya M R, Senior Resident, General Medicine	Faculty Training Program – Simulation Based Medical Education and Implementation in Curriculum	15.04.2024	

26	Dr.Shilpa Avarebeel Associate Professor, Geriatrics	Basic Course in Medical Education	4/06/2024 to 6/06/2024, JSSMC	
27	Dr.Pankaja.S.S, Asso. Prof, General Surgery	Faculty Training Program of Simulation Based Medical Education and Implementation in Curriculum	JSSAHER Skill & Simulation Center on 15th Apirl 2024	
28	Dr.Sourabh.C.M, Asst. Prof. General Surgery	Faculty Training Program of Simulation Based Medical Education and Implementation in Curriculum	JSSAHER Skill & Simulation Center on 15th Apirl 2024	
29	Dr.Abhilash.L, Asst. Prof. General Surgery	Faculty Training Program of Simulation Based Medical Education and Implementation in Curriculum	JSSAHER Skill & Simulation Center on 15th Apirl 2024	
30	Dr. Meghana Raj Asst Professor, OBG	Simulation based Medical Education and Implementation in curriculum	15.05.2024 Skill and Simulation centre JSS Medical College & Hospital, Mysuru	
		Ob-Gyn Training and LAP SUTURING Training	January 2024	

31	Dr. Vyshali R Senior Resident, OBG	ISUOG-approved Fast track Course for Ultrasound in Obstetrics & Gynecology	Jan 2024	
32	Dr. Shruthi K R & Dr. Maureen P Tigga, Asst. Professors, OBG	Basic course in Medical Education	04.06.2024 to 06.06.2024 at JSS Medical College	
33	Dr. Vibha, OBG	Basic course in Bio Medical Research	Feb 2024	
34	Dr.Madhukesh R. Assistant Professor, Orthopedics	Basic Course in Medical Education	20.03.2024 – 22.03.2024 NMC Regional Nodal Centre, M.S.Ramaiah Medical College, Bangalore	
36	Dr. Sachin P Shetty, Asst Professor, Radiodiagnosis	Basic Course in Medical Education	04-06-2024 to 06-06-2024, JSS MC, Mysuru	
37	Dr.Bharathi M.B Professor & Head	Online certification Basic Course in Biomedical Research	February 2024	

38	Dr Anil Kumar M R, Professor, Dr Anup N R, Asst Professor Dr Sarika M Shetty, Asso. Professor, Dept of Anesthesiology	7 days - Innovative teaching strategies and tools in the digital age	Jan 3rd to Jan 9th 2024, JSS Medical College	
39	Dr Anil Kumar, Professor of Anesthesiology	Quantitative research methodology FDP cum workshop	Janata college, Assam 17/1/24-23/1/24	
40	Dr Darshini S, Asst. Prof of Anesthesiology	Effective utilization of subscribe e-resources of JSS AHER	JSS College of Pharmacy, 1st & 2nd Feb 2024	
		Research leadership program	Jss College of Pharmacy, Mysuru Ooty 16th to 21st March 2024	
		Basic course in medical education	JSS MC, 04/06/24 to 06/06/24	
41	Dr Sarika M Shetty, Asso. Professor of Anesthesiology	Quality improvement	Kalaignar centarary super speciality hospital, Guindy & Chennai & Apollo simulation centre, Chennai	
		Train the trainers for in situ simulation	JSS- Skill and Simulation centre	

42	Dr Girish B K, Asso. Professor of Anesthesiology	Basic course in medical education	JSS MC, 04/06/24 to 06/06/24	
43	Dr Anup N R, Asst Professor of Anaesthesiology	Basic course in medical education	JSS MC, 04/06/24 to 06/06/24	
44	Dr Kanthraj GR, Prof and Head, Dermatology	Basic course in medical education June 2024	JSS MC, 04/06/24 to 06/06/24	
		Enriching Research with research analytical tools	JSS Medical College, JSSAHER, Mysuru	
45	Dr.Ranugha PSS Asst. Professor and Ashwini.PK Asso. Professor, Dr. Vinutha R Asst. Professor Dept of Dermatology	International Workshop on Critical Appraisal of Grant Writing	JSS Medical College, JSSAHER, Mysuru	
46	Dr. Srilakhmi Senior Resident, Dept of Dermatology	Basic Course in Medical Research in February 2024	JSS Medical College, JSSAHER, Mysuru	

		JMP workshop on Statistics in May 2024	JSS Medical College, JSSAHER, Mysuru	
47	Dr. Vinutha R Assistant professor, Dept of Dermatology	Basic Course in Medical Education in June 2024	JSS Hospital Mysuru	
48	Dr.Bindu Malini M, Asst Prof, Opthalmology	Basic Course in Medical Education	04.06.2024 to 06.04.2024 M S Ramaiah Medical College Bangalore and JSS AHER Mysuru	
49	Dr.Kirthana V Achar, Asst Prof, Ophthalmology	Basic Course in Medical Education	04.06.2024 to 06.04.2024, JSSMC	
50	Dr Shivanand Manohar & Associate Professor. Psychiatry	Effective utilization of subscribed e Resources of JSSAHER	JSSAHER 01.02.2024 & 02.02.2024	
		Curriculum implementation support program	MS Ramaiah Medical College Bengaluru 23.04.2024 24.04.2024	

51	Dr.Pradeep Kumar.P.C Assistant Professor	JMP Workshop organized by the Research Division of JSS AHER,	JSSAHER 21.05.2024 at JSS Medical College, Mysuru.	
52	Dr.Bindu Annigeri Senior Resident of Psychiatry	Research Leadership Programme organized by Global Health Institute	JSSAHER 21.03.2024 at JSS Medical College, Mysuru	
53	Dr.Akshatha C J, Senior Resident	Effective utilization of subscribed e-resources of JSS AHER	JSS AHER 1.02.2024, 2.02.2024	
54	Asmita Jain, Assistant Professor and Abhiram M Ajay, Assistant Professor, of Clinical Psychology	Effective Utilization of Subscribed E-Resources of JSS AHER	1st and 2nd February, JSS AHER , Mysuru	
55	Dr Adarsh S B, Dept of Emergency Medicine	Basic Course in Medical Education	04.06.2024 to 06.04.2024, JSSMC	

56	Dr.Mahabaleshwar Mamadapur, Asst Prof, Rheumatology	Basic Course in Medical Education	JSS Medical College, Mysore June 4-6	
58	Dr Anil S Bilimale Dr Shilpa D M Dr Sulochanadvi B C Dr. Divya K L Mrs. Shashirekha B Dr Sheeba School of Public Health	Workshop- Building mentorship and leadership capacity among scholars from historically underrepresented groups	18.03.2024-21.03.2024, School of Public Health	
59	Mrs. Shashirekha B, School of Public Health	JMP Software training	8th and 9th Jan 24, JSSMC	
		Data Analysis Using AI	19/ 05/ 24	
		SQL for data analytics and data science	20/05/2024 to 26/05/2024	

PROGRAMMES CONDUCTED ALIGNING WITH SDG4

INTERNS ORIENTATION PROGRAM 2023-24 - 10-08-2023



The Medical Education Unit conducted one day Orientation Programme for Interns of 2023-24 batch on 10th August 2023 at Lecture Hall No-02, JSS Hospital, Mysore. A total 29 Interns attended the programme.

Dr.Prasad M.C., Member of Medical Education Unit, welcomed the dignitaries and the participants. This was followed by address by Dr.H.Basavana Gowdappa, Principal, JSS Medical College. He advised the new resident doctors to make best use of the resources available at the Hospital for their academic activities. Dr.Madhu C.P., Medical Superintendent, spoke to address the interns. Dr.Manthappa, Vice Principal (Clinicals), JSS Medical College addressed the interns and spoke about discipline and dedication. Dr.Arun M., Convener of Medical Education Unit addressed the interns and useful information. Dr.Nithin K.B. spoke on duties and responsibilities of interns, Dr.Mythily M.R. spoke on Introduction to Community Medicine Postings. Dr.Shivanand Manohar J. spoke on communication skills.

INDUCTION PROGRAM FOR PHASE I MBBS STUDENTS (2023-24 BATCH)

08-09-2023

The Induction Programme for the 250 newly joined 1st year MBBS students (2023-24 Batch) of JSS Medical College was held on 8th September 2023 at Sri Rajendra Auditorium, JSS Medical College, Mysuru.



The program began by seeking the divine blessings of His Holiness Jagadguru Dr.Sri.Shivarathri Rajendra Mahaswamiji and His Holiness Jagadguru Sri Shivarathri Deshikendra Swamiji. The dignitaries on the dais included the Chief Guest Dr.M.R.Seetharam, Consultant Orthopedic Surgeon, SVYM; Guests of Honor – Dr.Manjunatha B, Registrar, JSSAHER and Dr.Vishal Kumar Gupta,Dean Academics, JSSAHER; Dr. Surinder Singh, Vice Chancellor, JSSAHER; Dr. H.Basavana Gowdappa, Principal, JSS Medical College; Vice Principals – Dr. Manthappa M, Dr. Suma M N and Dr.Praveen Kulkarni; Dr. Madhu C P, Medical Superintendent & Incharge Director, JSS Hospital; Dr. Arun M, MEU Coordinator and Dr.Pushpalatha K, MEU Co-coordinator. Ms. Prerana and Ms. Madhulika invoked the blessings of the almighty and this was followed by the Welcome address by Dr. Pushpalatha K, Co-coordinator of the Medical Education Unit who extended a warm welcome to the Dignitaries, Staff, Parents, and Students. The dignitaries on the dais along with 3 Phase 1 MBBS students symbolically inaugurated the programme by lighting the lamp. Dr. Arun M., Convener of the Medical Education Unit formally inducted the students to the course by administering the Maharshi Charak Shapath. Chief Guest of the program Dr.M.R.Seetharam, Consultant Orthopedic Surgeon, SVYM along with other dignitaries released the Academic Calendar and he also shared his words of wisdom with the gathering. In his speech, he quoted the example of the success story of Chandrayaan and motivated the students to similarly have an attitude of being on the move, getting on a vehicle and hoping for a great journey ahead. Dr.Preethi Prabhu (Alumni of JSSMC) and Mr. Pranav Balaji Kashyap (Final Year MBBS Student, JSSMC) shared their experiences and their journey as a student at JSS Medical College. Dr.Manjunatha B, Registrar, JSSAHER in his address urged the students not to fear failure as it is the stepping stone to success and highlighted about the mentor-

mentee programme under which the student can approach his/her mentor for any kind of assistance. Dr.H.Basavana Gowdappa, Principal, JSS Medical College addressed the gathering and emphasized the importance of laying a strong foundation for a bright future and that the students have to embark on a journey of learning and keep evolving. Dr. Surinder Singh, Vice Chancellor, JSSAHER delivered the Presidential Address wherein he briefed about JSS Academy of Higher Education and Research, assured the parents of the responsibility that the institute has towards the students as well as the quality medical education provided by the medical college. The Inaugural Ceremony concluded with the Vote of Thanks delivered by Dr. Akila Prashant, Prof and Head, Dept. of Biochemistry.

The Inaugural Ceremony was followed by sessions on various topics. Dr.Vishal Kumar Gupta, Dean (Academics), JSSAHER, gave an overview of JSSAHER and highlighted its various accomplishments and recognitions. Dr.Manthappa M, Vice Principal, JSS Medical College, briefed on the Infrastructure, Staff and Teaching Programme of JSS Medical College. Dr.Madu C.P., Medical Superintendent and I/c Director, JSS Hospital highlighted the Vision and Mission of JSS Hospital and also gave an overview of its functioning. Dr.Suma M.N., Vice Principal (Pre-Clinicals), briefly discussed the roles and responsibilities of the parents. Dr. Praveen Kulkarni, Vice Principal (Para Clinical) provided insights about the overall Structure, Electives, Goal and Outcomes of the MBBS Programme. Dr.Renuka M, Deputy Controller of Examinations elaborated on the University Rules and Regulations regarding Examination pattern and passing criteria. Lastly, Dr. Vijaya Vageesh Y, Associate Professor, Department of Physiology, explained in brief about the Mentorship Programme.

HODs of all the Phase I and Community Medicine Departments introduced their faculty members to the students.The Medical Education Unit of JSS Medical College Coordinated the programme. Dr.Nagashree V, Assistant Professor, Dept. of Physiology and Dr. Kavya Upadhya, Senior Resident, Dept. of Community Medicine were Masters of Ceremony.

Foundation Course for Phase 1 Students (2023-24 batch) from 09th September to 15th September 2023

The Medical Education Unit at JSS Medical College conducted a comprehensive Foundation Course for the first-year MBBS students from 9th to 15th September 2023. The course aimed to provide students with essential knowledge and skills required for their medical education journey.

Programme Highlights

1. **Ragging & Gender Harassment**
    a. **Speakers:** Dr. Sumana M N & Dr. Vidya C S
    b. **Topics Covered:** Consequences of ragging and gender harassment, preventive measures, and committee details provided in the academic calendar.
2. **History of Medicine**
    a. **Speaker:** Dr. Prasad MC
    b. **Topics Covered:** Evolution of medical treatments, practices, and knowledge over time.
3. **Principles of Primary Health Care**
    a. **Speaker:** Dr. Sunita Singh
    b. **Topics Covered:** Types of health care providers, current health services scenario, and future directions for health care.
4. **Interpersonal Relationships & Communication Skills**
    a. **Speaker:** Dr. Shivananda Manohar
    b. **Topics Covered:** Importance of relationships in professional success, differences between successful and unsuccessful people, and components of effective communication.
5. **Family Adoption Programme**
    a. **Speaker:** Dr. Shwethashree M

b. **Topics Covered:** Importance, process, and documentation for family adoption.

6. **Patient Safety & Biohazard Safety**
   a. **Speaker:** Dr. Ranjitha Shankare Gowda
   b. **Topics Covered:** Types of errors, biomedical waste management, and safety measures for biohazard materials.
7. **Biomedical Waste Management**
   a. **Speaker:** Dr. Rashmi
   b. **Topics Covered:** Types of biomedical waste, segregation methods, and infection prevention.
8. **Hospital Infection Control**
   a. **Speaker:** Dr. Deepashree
   b. **Topics Covered:** Infection spread prevention, PPE importance, hand hygiene, and vaccination for HBV.
9. **Time Management**
   a. **Speaker:** Dr. Madhukesh R
   b. **Topics Covered:** Productivity improvement, goal setting, and study quality tips.
10. **Universal Precautions & Vaccination**
    a. **Speaker:** Dr. Swetha Kurkuri
    b. **Topics Covered:** Precautions for airborne, bloodborne, and waterborne diseases.
11. **Pandemic Module**
    a. **Speaker:** Dr. Vidyavathi B. Chittaragi
    b. **Topics Covered:** History of outbreaks, early identification, and preventive measures.
12. **Physician's Role in Society**
    a. **Speaker:** Dr. Rashmi S.
    b. **Topics Covered:** Seven basic roles of a doctor.
13. **National Health Policies**
    a. **Speaker:** Dr. Mythily M R
    b. **Topics Covered:** Comprehensive health care, health education, and decentralization.
14. **Research Opportunities**
    a. **Speaker:** Dr. Madhu B
    b. **Topics Covered:** Scope of research in medical education and support from JSS AHER.
15. **Medical Ethics**
    a. **Speaker:** Dr. Shivaprakash S
    b. **Topics Covered:** Importance of ethics, informed consent, and patient rights.
16. **First Aid**
    a. **Speakers:** Dr. Brinda & Dr. Aishwarya Krishnan
    b. **Topics Covered:** Emergency response for various conditions, basic life support.
17. **Medical Humanities**
    a. **Speaker:** Dr. Praveen Kulkarni
    b. **Topics Covered:** Empathy, observation skills, active listening, and narrative competency.
18. **Professionalism & Attitude**
    a. **Speaker:** Dr. Pratibha Pereira
    b. **Topics Covered:** e-discipline, teamwork, professionalism, and the art of listening.
19. **Kannada Language Class**
    a. **Speaker:** Dr. Bheemraj Eregowda
    b. **Topics Covered:** Basic Kannada language skills for medical interactions.
20. **Yoga & Well-being**
    a. **Speaker:** Sandhya D
    b. **Topics Covered:** Benefits of yoga, myths and misconceptions, and five dimensions of health.

21. **Stress Management**
    a. **Speaker:** Dr. Kishor M
    b. **Topics Covered:** Stress factors, management tips, and maintaining a positive attitude.
22. **Positive Attitude**
    a. **Speaker:** Mr. Sathish Chandra S R
    b. **Topics Covered:** Importance of positive thinking and behavior.
23. **Reflective Writing**
    a. **Speaker:** Dr. Arun M
    b. **Topics Covered:** Importance of reflective writing, challenges, and limitations.
24. **JSSAHER Online Portal Demonstration**
    a. **Speaker:** Mr. Dhananjaya A N
    b. **Topics Covered:** Usage of the online portal for academic purposes.
25. **NCC Program Introduction**
    a. **Speakers:** Mr. Sathya Adithya & Miss. Spandana
    b. **Topics Covered:** Benefits of the NCC program and experiences of cadets.
26. **Traffic Rules and Safety**
    a. **Speaker:** Mr. Mohammad Irshad
    b. **Topics Covered:** Traffic signs, safety gears, and traffic rules compliance.

This comprehensive foundation course aimed to equip the students with essential knowledge, practical skills, and a holistic understanding of their roles and responsibilities as future medical professionals.

WHITE COAT CEREMONY FOR 1ST MBBS 2023 Batch (16/09/23)



The Medical Education Unit organized the White coat ceremony for newly inducted MBBS students of 2023 batch on 16/09/2023 on the last day of the foundation course in gallery 6, third floor, JSS Medical College.

The programme was presided over by Dr.Suma M.N., Vice Principal Pre-Clinical and Dr.Praveen Kulkarni, Vice Principal Para-Clinical. Dr.Arun M, Professor, Forensic Medicine & Convener, Medical Education Unit, welcomed the dignitaries, HODs, faculties and the students.

Dr.Praveen Kulkarni enlightened the students regarding the importance and etiquettes of white coat. This was followed by donning of white coat to newly inducted MBBS students facilitated by the dignitaries, HODs and teaching faculties from first year and second year MBBS. Dr.Suma M.N. administered the White coat oath to the students. Madam also stressed on the importance of dress code to be followed by the students.

After administering the Oath, Dr.Praveen Kulkarni introduced the HODs and faculties of second year MBBS and faculties who could not attend the induction program.

The students gave their feedback at the end of the program, where they expressed that the foundation course was an eye opener and very beneficial. They are able to feel the sense of responsibility after the white coat ceremony and would try to focus on their academics with utmost dedication. They thanked all the resource faculties for orienting, enlightening and equipping them in handling almost all possible challenges they may encounter in the due course of their course. The Programme ended with concluding remarks from Dr.Pushpalatha K, Professor, Anatomy and Co-Convener of Medical Education Unit.

Orientation Programme and Induction Programme for Postgraduates of 2023-24 Batch (26/10/2023)



The Medical Education Unit conducted Orientation Programme and Induction Programme for Postgraduates of 2023-24 Batch on 26th October 2023 from 09.30 AM to 03.30 PM at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. A total 154 Postgraduates attended the programme.

Dr.Arun M, Coordinator of Medical Education Unit, welcomed the dignitaries and the participants. This was followed by address by Dr.H.Basavana Gowdappa, Principal, JSS Medical College. He advised the new resident doctors to make best use of the resources available at the Hospital for their academic activities. Dr.C.P.Madhu, Medical Superintendent, JSS Hospital spoke on the JSS Hospital. Dr.Manthappa M, Vice Principal (Clinicals), JSS Medical College and Hospital, spoke on JSS Medical College.

All Heads of the Departments were introduced by Dr.Deepti T. Dr.Sarika M Shetty spoke on the Course Schedule and CBME in PG Curriculum. Dr.Padmini spoke on Medical Audit. Mr.Mahadeva Swamy R.M. spoke on Finance and Accounts.

Afternoon session Dr. Manoj Kumar Pandey spoke on exposure to human behavior studies. Dr.Sapna Patel spoke on selection of topic for dissertation.

Dr.Shreya, Department of Pediatrics and Dr.Karthik, Department of Orthopedics Senior Postgraduates spoke on 'How to make best use of Postgraduate training programme?'. The participants gave their feedback at the end, where they conveyed that the Orientation Programme and Induction Programme was highly beneficial Programmes. A total of 154 postgraduates availed the benefit of the programme.

Transforaminal Endoscopic Lumbar spine surgical conference - Cadaveric workshop – 01-07-2023



Department of orthopaedics in association with Department of Anatomy conference conducted cadaveric workshop in dissection hall on 1st July 2023 as a part of Transforaminal Endoscopic Lumbar spine surgical conference. Dr Suma MN Vice Principal (Pre clinical) Dr Praveen Kulkarni Vice Principal (Para clinical), Dr.Ravindranath organising secretary, Dr.Siddalingamurthy Professor and Head Department of orthopaedics, Dr.Purushottam Shastry Professor of orthopaedics, Dr.Vidya C.S., Professor and Head, Department of Anatomy, Dr.Sheshagiri Associate professor of orthopaedics and Dr Shivaprakash Associate Professor of Anatomy graced the inaugural function. More than 60 delegates from various parts of the country participated for cadaveric skill training workshop.

Hands on cadaveric workshop – 15-07-2023



Hands on cadaveric workshop was organized by Department of Physiotherapist in collaboration with dept of Anatomy on 15-07-2023 for Yoga and Fitness trainers. There were 60 participants. Mr Tejraj S, Physiotherapist from MMCRI, Mysuru coordinated the event.

The keynote address was delivered by **Dr. Vidya C S** emphasizing on in depth knowledge of body structure so that it becomes easy for them to learn body movements, its functions and alignments. She stressed on how it helps Yoga and Gymnasium practitioners/ instructors to deal with injuries in the right manner. She gave overall view of how human body operates and can be balanced by exercises, breathing techniques and yoga asanas.

A brief talk on Muscular system was delivered by **Dr Uma Shivanal**. She briefed on basic tissues in human body, muscular system – classification, functions, different types of movements, stressed upon strain, sprain concepts with first demonstration of different body parts along with concerned bone. **Dr Shwetha K** stressed upon different muscle layers and its actions. Demonstration of Lower limb parts with concerned bones was done by **Dr Poonam DN**. She highlighted on tendons, ligaments and joint cavities.

Museum tour was taken over by **Dr Hemamalini** and briefed about the museum specimens. Abdominal organs were demonstrated by **Dr Maruthy Prasad** giving a brief introduction to its location, functions and its clinical conditions. **Dr Rashmi C Ghoshi** demonstrated brain and peripheral nervous system, its coverings, position, functions and nerve injuries. Feedback was obtained by the participants and they gave overwhelming positive response and appreciated the preservation of specimens. The program was concluded thanking **Mr Tejraj S**, Organizer and Program coordinator, Physiotherapist at MMCRI, Mysuru.

Structured Hands-on Cadaveric FESS – 4th & 5th Aug.2023



The Department of ENT in collaboration with the Department of Anatomy at JSS Medical College, Mysuru, conducted the **1st Structured Hands-on Cadaveric FESS and Limited Anterior Skull Base workshop** on August 3rd and 4th in the Anatomy Dissection Hall, JSS Medical College, Mysuru. The workshop was honored by the presence of world-renowned ENT and skull base surgeon **Dr. Renuka Bradoo** as the guest faculty, who demonstrated basic FESS and limited anterior skull base surgery on a cadaver on day 1. Dr.H.Basavana Gowdappa Principal, Dr Praveen Kulkarni Vice principal (paraclinical), Dr Bharathi MB, Professor and Head Department of ENT Dr Renuka Bradoo key resource person, Dr Vidya CS Professor and Head, Department of Anatomy and Dr Prakash Professor of ENT, Dr Shivaprakash, Associate professor, department of Anatomy and all the faculty members of ENT department graced the inaugural function.

The workshop included 26 delegates (10 dissectors and 16 observers) coming from various corners of India. Day 2 involved dissection of the cadavers by the delegates under the supervision of our in-house faculty, Dr. Bharathi MB, Dr. BG Prakash, and Dr. Babu AR. The workshop, aimed at training young and budding ENT surgeons in the intricacies of FESS and skull base surgery, started off with Dr. Bradoo quoting Phill Collins, The workshop was coordinated by Dr Amulya T M, Senior resident Department of ENT.

Fluoroscopy and Ultrasound guided cadaveric workshop – 10-08-2023



Pain and Palliative care unit, Department of Anaesthesia in collaboration with Department of Anatomy conducted **Fluoroscopy and Ultrasound guided cadaveric workshop** on chronic pain in department of Anatomy on 10th August 2023 as a part of preconference workshop of ISACON 2023. The workshop was inaugurated by Dr B. Manjunatha, Registrar JSS AHER, Dr Suma MN Vice Principal, Dr Akkamahadevi, Chairperson of workshop committee, Dr Archana KN, Professor and Head Department of Anaesthesia, ISSP President and workshop co ordinator Dr Pratibha Matche, Dr Vidya CS Professor and Head Department of Anatomy, Dr Sadashiv Iyer Secretary. Nearly 40 delegates/eminent faculty in the field of pain medicine all over India attended the workshop. They had hands on practice of the most commonly done interventions in practice. Demonstration of musculoskeletal ultrasound of neck, shoulder, knee and hip was done on volunteers.

Structured Hands-on Cadaveric head and neck dissection workshop

12th & 13th August 2023



The Department of ENT in collaboration with the Department of Anatomy at JSS Medical College and Hospital Mysuru, conducted the **Structured Hands-on Cadaveric head and neck dissection workshop** on August 12th and 13th in the Dissection Hall, Department of Anatomy JSS Medical College, Mysuru. On Day 1 Dr Bharathi M B Professor and Head, Department of ENT demonstrated head and neck surgeries to the delegates. The workshop included 20 delegates (10 dissectors and 10 observers) coming from various corners of India. Day 2 involved dissection of the cadavers by the delegates under the supervision of in-house faculty. The workshop was co-ordinated by Dr Amulya T M, Senior resident Department of ENT.

Hands on training session on Anatomy topics for Yoga trainers - 19th August 2023



Hands on training session on Anatomy topics was organized by Department of Anatomy JSS Medical college Mysuru on 19th August 2023 for PG Diploma students in Yoga from Sri Patanjali yoga studies & Research Centre, Mysuru

Dr. Vidya C S, Professor and Head, Dept of Anatomy, JSS Medical College welcomed all the participants on behalf JSS Medical College. The keynote address was delivered by **Dr. Vidya C S** emphasizing in depth knowledge of body structure so that it becomes easy for them to learn body movements, its functions and alignments. She stressed on how it helps Yoga practitioners/ instructors to deal with injuries in the right manner. She gave

overall view of human body and role of Anatomy in different types of asanas. **Dr Najma Mobin** Associate Professor explained the parts of respiration system, breathing exercises and demonstrated thoracic cage and different parts of lungs. **Dr Shivaprakash S** Associate Professor gave overview of circulatory system and demonstrated external and internal features of heart. **Dr Pushpa NB** Associate Professor demonstrated brain and peripheral nervous system, its coverings, position, functions and nerve injuries. Abdominal organs were demonstrated by **Dr Vinutha SP Assistant Professor** giving a brief introduction to its location, functions and its clinical conditions. A brief talk on Musculoskeletal system was delivered by **Dr Ravishankar MV**, gave a brief introduction to basic tissues in human body, muscular system – classification, functions and different types of movements. He also demonstrated different body parts along with concerned bones of Upper limb and lower limb.

Cadaveric Workshop on Basic and Advanced Shoulder Arthroscopy (One to One Teaching Course) - 14th & 15th August 2023



Department of Orthopedics, JSS Medical College & Hospital, under the aegis of Mysore Orthopedics Association organized Regional level Cadaveric Workshop on Basic and Advanced Shoulder Arthroscopy on 14th & 15th August 2023 at Anatomy Dissection Hall, Dept. of Anatomy, JSS Medical College, Mysuru.

This is the first of its kind with the new concept of one to one Teaching Course. The workshop was restricted to two delegates in view of complete hands on for both the delegates. Learning Basics on the first day and advanced shoulder arthroscopy on the second day with the concept of one faculty teaching one delegate.

The delegates were very extremely happy with the learning tips, tricks and surgical techniques and whatever doubts they had was discussed on table. On a two-day extensive programme, the workshop was very well appreciated by the delegates as it was an academic feast as only one delegate completely doing hands on cadaveric surgery for about 2 days with the feel of doing surgery which was akin to live surgery with the fantastic job done by the department of Anatomy in preserving the cadavers with soft embalming.

Peripheral Nerve Block Workshop - 21st September 2023



The Department of Emergency Medicine in association with the Department of Anatomy conducted an **ultrasound guided hands-on cadaveric peripheral nerve block workshop**, as part of EM -Karnataka 2023, 3rd state level emergency medicine conference. The workshop was inaugurated by Dr Praveen Kulkarni Vice Principal, Dr Brinda Basavaraj Professor and Head Department of Emergency Medicine, Dr Vidya CS Professor and Head Department of Anatomy, Dr Madhu Srinivasarangan course director and Associate Professor and Dr Shivaprakash S Associate Professor, Department of Anatomy.

The workshop is the first of its kind involving the description of peripheral nerve blocks in brief, with anatomic demonstration on the dissected cadaver, teaching of sonoanatomy on live volunteers, along with needle tracking on the soft embalmed cadavers by the faculties from department Emergency medicine. Dr Shivaprakash, Dr Poonam and Dr Maruthyprasad were resource persons.

Then delegates were divided in 4 groups with 6 participants in each group and in the live sonoanatomy station, delegates were made to learn to identify the individual structures by hands on experience in the cadaver station, delegates were made to identify the structures with respect to particular block and perform hands on needle tracking on the soft embalmed cadaver. Every delegate had to perform every block. Cadavers were embalmed in a special technique to get the feel as similar to a live patient/ model. This technique of cadaver preservation was done by the department of anatomy.

Ultrasound guided Peripheral Nerve Block Workshop - 23rd September 2023



The Department of Anesthesia in association with the Department of Anatomy conducted an **ultrasound guided hands-on cadaveric peripheral nerve block workshop**, as part of Asclepius Undergraduate Conference. The UG students were briefed about the anatomy of brachial plexus and femoral nerve.

Then delegates were divided in 4 groups with 8 participants in each group and in the live sonoanatomy station, delegates were made to learn to identify the individual structures by hands on experience on in the cadaver station, delegates were made to identify the structures with respect to particular block and perform hands on needle tracking on the soft embalmed cadaver. Every delegate had to perform every block. The event winded up by giving vote of thanks to all the delegates, faculties from department of Anesthesia and department of Anatomy and to all the volunteers, non-teaching staffs involved in the successful completion of the workshop by Miss Sarika. The learning experience was well appreciated by all the delegates.

Fine Needle Aspiration Cytology (FNACA) and Core Biopsy Workshop 19th October 2023

As a part of the national undergraduate conference – ASCLEPIUS 2022, hosted by JSS Medical College, Mysore, the Department of Pathology conducted a diagnostic skills workshop on which included the demonstration and hands-on conduction of fine needle aspiration cytology (FNAC) and core biopsy procedures. Undergraduate students from the institute and medical colleges from all over the country participated actively in the workshop.

Following the warm welcome and opening remarks given by the HOD, Dr.Sheela Devi C S, students were introduced to the faculty. Initially the participants were briefed about both the procedures, including merits and demerits, indications, contraindications and staining techniques for about 10-15 minutes. They were then given hands on experience on how to perform the procedure, making of smears and staining, by the faculty of the department, Dr.Sapna, Dr.Namratha and Dr.Deepika. The participants also had the opportunity to review the slides prepared and stained by them. Stained slides with different staining techniques were also focused in the microscopes for students to see. Pathology postgraduate students also actively took part in this activity.

The goal of the workshop was to characterize the scope of contributions of procedures like FNAC and Core biopsy to the diagnosis and management in patients was fulfilled. The participants were able to understand the scope of and perform core biopsies and aspiration

FEEDBACK:

The feedback was obtained by the participants regarding the quality, content and usefulness of the workshop (Graded from 1 to 5). The majority of students opined that the workshop students was excellent and a great benefit for the delegates to become familiar with the latest advances in the different newer core biopsy guns & their methods of operation.

Rational use of antibiotics through TAG-AI - 21st November 2023



Dr M N Sumana, Professor of Microbiology, JSS Medical College and Hospital, Mysuru conducted a one-day workshop called "TAG-AI" (Tackling antimicrobial resistance through gamification and artificial intelligence) in association with MMC&RI.

The program's main objective is to teach the rational use of antibiotics to Doctors, Ph.D. Scholars, and MBBS students.

On 21st November 2023, Dr Amrutha Kumari, In the morning session, inaugurated the workshop, the workshop is conducted on the occasion of Antibiotic Awareness Week. Dr.M N Sumana discussed the antibiotic prescription method in the Respiratory tract through a training module prepared by refereeing the latest ICMR and IDSA guidelines. Later, participants are allowed to play games prepared by Dr M N Sumana and team. In the afternoon session, Dr M N Sumana discussed the antibiotic prescription method in Urinary tract infection, GI tract infection and Acute undifferentiated fever through a training module prepared by refereeing the latest ICMR and IDSA guidelines. Participants played all the games. The program ended with a valedictory session in the presence of the faculty of Microbiology, MMC and RI and the director of KR Hospital Mysuru

Research Methodology Workshop – 2 17-07-2023 to 19-07-2023

The workshop was conducted as a hands-on program for three days, aimed at enhancing participants' knowledge and skills in questionnaire framing, validity, reliability, and data collection methods. It was a comprehensive learning experience facilitated by three distinguished experts in the field: Dr. Manasa K, Dr. Sulochana B C, and Dr. Anil S Bilimale.

Session 1: Questionnaire Framing

In the first session, Dr. Manasa K, a renowned expert in questionnaire design, enthusiastically engaged the participants by elaborating on the objectives of the current workshop. The primary focus of this session was on the art of questionnaire framing.

Session 2: Validity and Reliability

The second session was conducted by Dr. Sulochana B C, an expert in research methodology and psychometrics.

Session 3: Data Collection Methods and Approaches

The third session was conducted by Dr. Anil S Bilimale, a seasoned researcher with extensive experience in data collection methods. The main focus was on practical approaches to collect data effectively and ethically.

Date:18.07.2023

Session 1: Pilot Study

Ms. Sheeba B led the first session, and the participants were introduced to the concept and significance of conducting a pilot study before embarking on the main research.



Session 2: Data Collection Tools and Data Management

Ms. Shashirekha B conducted the second session, which focused on various data collection tools available for researchers which gained insights into the features, advantages, and limitations of each tool.

Session 3 and 4: Ethics in Research and Project Charter

Dr. D M Shilpa led the third and fourth sessions, focusing on research ethics and project charters. Participants were educated on the fundamental principles of research ethics, including respect for autonomy, nonmaleficence, beneficence, and justice.

Session 5: Administrative Issues in Research and Grant Writing

Dr. Divya K L conducted the fifth session, which covered administrative aspects of research and grant writing.

Date: [19.07.2023]

Session 1: Data Entry, Data Cleaning, and Data Importing

During the first session, Ms. Shashirekha B guided participants through the process of data entry, emphasizing the importance of accuracy and consistency in recording research data.

Session 2: Coding, Dummy Tables, and Outcome Variable Analysis



In the second session, Ms. Shashirekha B delved into the process of coding research data. Participants learned the significance of coding variables and were exposed to different coding methods, such as numerical and categorical coding.

Feedback Session:

A feedback session was held after the completion of the workshop, during which participants shared their thoughts and opinions about the training. The general consensus among the attendees was that the workshop was highly beneficial and provided them with valuable insights into data handling and analysis.

Research Methodology Workshop – 16th to 21st Nov.2023

Day 1 (16-11-23):



The workshop commenced with an inauguration ceremony attended by all seven resource faculties. Dr. Sulochanadevi B C conducted a pre-test to assess the baseline knowledge of the participants. Dr. Anil S Bilimale discussed research introduction, topic selection, and objective framing. Ms. Sheeba B followed with a session on Literature Review and effective writing. The day concluded with hands-on training on Reference Managers and Search Engines.

Day 2 (17-11-23):



The second day started with a photo session featuring all faculties. Dr. Shilpa D M addressed study methodology, including population, design, and criteria. Mrs. Shashirekha B provided practical training on sample size calculation and study design. The afternoon session covered sampling techniques, ethics in research, and a summarizing session.

Day 3 (18-11-23):



Mrs. Shashirekha B led a session on types of variables and their influence on statistical tests. Dr. Sreena T V discussed quantitative study designs, systematic review, and meta-analysis. The day focused on quantitative analytical study designs.

Day 4 (20-11-23):

Dr. Shilpa D M introduced qualitative study designs, followed by Dr. Divya K L discussing mixed methods study design. The day also covered framing and designing questionnaires, their validation, and reliability. The afternoon sessions included orientation to synopsis format and an overview of ICMR, NIDA, and BCBR exams.

Day 5 (21-11-23):



Ms. Sheeba B discussed pilot studies, timeline management, and GANTT charts. Dr. Divya K L addressed administrative issues, grant writing, funding agencies, and budget formats. The workshop concluded with a post-test administered by Dr.Sulochanadevi B C, followed by a feedback session involving all faculties.

On average, the pretest scores are lower than the posttest scores. The t-test result ($t = -11.319$) with a very small p-value ($p < .001$) suggests that this difference between pretest and posttest scores is statistically significant.

Live Hysteroscopy Workshop with Hands On Training – 27-08-2023

The department of OBG, had organized a "Live Hysteroscopy Workshop with Hands on Training (Hysterotrainer)" on Sunday, 27th August 2023 at Sri Rajendra Centenary Auditorium, JSS Hospital.

This workshop was organized to shed a light on hysteroscopy which has become an integral part of practicing gynaecologists now a days. The resource person was Dr.VIDYA BHAT, Ramkrishna hospital, from Bengaluru.152 delegates had registered for the workshop and included many gynaecologists from Mysore and Mandya.

Hysteroscopy allows for minimally invasive diagnosis and surgical management of endocervical and intrauterine pathology. It is considered the gold standard technique for evaluating and managing intrauterine pathology. Hysteroscopy is being provided to the needed patients in a fully-fledged manner in the department of OBG, JSS Hospital, Mysore.

The workshop was relayed from the major OT to the auditorium by a well-organized audiovisual team. Several interesting cases, around six cases were demonstrated by our resource person in live. Various cases were chaired by renowned gynecologists to make an effective communication between the audience and the operating team. There was an active participation from the consultants and post graduate students of OBG.

The live hysteroscopy workshop was inaugurated by Dr Manjunatha B, Registrar, JSS AHER, Dr.Basavana Gowdappa H, Principal, JSS Medical College, Dr Madhu C P, Medical Superintendent, JSS Hospital, Mysore, Dr Vidya Bhat Bangalore, Dr Mamatha S, Professor and Head of the department of OBG, JSSAHER. The inauguration was followed by a lecture by Dr Vidya Bhat and Dr Pratap T, Associate Professor of OBG, JSS, on hysteroscopy. Several hysterotrainers were organized for the hands-on training. Many consultants and postgraduate students made an effective use of the same.




AUB & Hands on training in Merina insertion training – 06-12-2023

A "Session on AUB & Hands on training in Merina insertion" was organised by the department of OBG on 06.12.2023 at SRCA, JSS Hospital in association with GSK pharma. Dr. Sowmya K, Associate Professor gave lecture on AUB. About 30delegates both staff and postgraduate students underwent hands-on training Merina insertion




IAP ADVANCED LIFE SUPPORT - 15th Sept 2023 (IAP-ALS) provider course



IAP-Advance Life Support Provider Course Program is one of its kind hands on learning opportunity for the practicing pediatricians and post graduate students who handle pediatric emergency servicesin the hospitals.

The Department of Pediatrics, JSS MC, in collaboration with Indian academy of Pediatrics, Mysuru(IAP) hosted the IAP-ALS PROVIDER COURSE program at our Skill & Simulation Lab on 15th,16th September 2023.

IAP-Advance Life Support Provider Course was conducted for 35 candidates who had registered from various parts of Karnataka with 6 IAP-ALS Instructors who carried out the course program under the guidance of the course director & Instructor Dr Vijaylakshmi K. The program was started with the welcome address by Dr Nandish H R and inauguration by the chiefguests and dignitaries. Address of the gathering by chief guests and dignitaries. The 35 candidates are divided into 3 groups and the each group was engaged at various hands onlearning stations dealing about the airway management, stabilization of circulation and treating rhythm disturbances. Then at the end of the second day assessment of candidates were done and the certificates of thecourse are distributed to eligible candidates. The program was successfully completed with vote of thanks by Dr Nandish H R and distribution ofmementos to the esteem IAP-ALS instructors.

Intervention Radiology – upskilling session - 2nd September 2023



The Department of Radiodiagnosis, JSS Medical College, Mysuru, in collaboration with the EliteMed Care team, orchestrated an immersive workshop on Interventional Radiology Techniques on September 2nd, 2023. The event was led by renowned experts in the field: Dr. MC Uthappa, Consultant – Head of Interventional Radiology, Manipal Hospitals, Bengaluru, alongside Dr. Vijay TP from ClearMedi Radiant Hospital, Mysuru, and Dr. Sunil Kalmath from Sri Shankara Cancer Hospital and Research Centre, Bangalore. The seamless execution of this workshop owes credit to the diligent efforts of Dr. Vikram Patil and Dr. Sachin P Shetty, alongside the proactive involvement of postgraduate students Dr. Deepak Benny and Dr. Leena Garg.

The workshop catered to a diverse audience, including postgraduate students in Radiology and MBBS students from internship and final year batches, aiming to introduce them to key aspects of Interventional Radiology. Dr. Uthappa's compelling discourse highlighted the pivotal role of young medical practitioners in embracing Interventional Radiology. The workshop featured interactive sessions, including hands-on demonstrations covering the Seldinger technique, ultrasound-guided ablation, and various vascular interventions such as angiograms, angioplasty, stenting, and embolization. These practical exercises provided invaluable experience to all participants.

Hands-on stations demonstrated radiofrequency ablation techniques using liver models and practical exercises in ultrasound-guided target practice, providing invaluable experience to all participants. The workshop was met with resounding appreciation from all participants. The blend of theoretical insights, practical demonstrations, and the invaluable guidance from esteemed experts significantly enriched the knowledge and skill sets of the attendees. The event left a lasting impact on the participants, empowering them with advanced techniques in Interventional Radiology standing as a testament to the commitment of JSS Medical College towards fostering continuous learning and skill development among medical professionals.

5th Hands on Temporal Bone Dissection workshop - 1st & 2nd of July 2023

The 5th Hands on Temporal Bone Dissection workshop was held on 1st & 2nd of July 2023 in the 4th floor ENT wards, JSS Hospital. It was attended by 20 delegates and 5 observers from across the country including the North East. The workshop was inaugurated by The Medical Superintendent Dr C P Madhu, the DMS Dr Naveen, RMO Dr.Shanthmallappa and AO Mr Lokesh who appreciated the efforts taken by the Department of ENT in organising the workshop. The guest Faculty for the workshop was Dr Deepak Haldipur, Director of Trustwell Hospital, Bangalore. The In House faculties were Dr Bharathi MB, Dr B G Prakash and Dr Sandhya D, who demonstrated various surgeries performed on the ear from basic to advanced. There were 10 stations, each with Otologic Microscope, Motor and Drill and Micro-ear instruments. Each working station was shared by two delegates who performed each excercise supervised by the faculty members of the Department of ENT. Each delegate was given a wet temporal bone to practice all the procedures.







Airway workshop: Basic to advanced – 10-08-2023



The department of Anaesthesiology, JSS hospital, Mysuru conducted a workshop titled " Airway workshop: Basic to advanced" on 10th August 2023 as a part of the 38th ISA annual South zone conference and 37th annual state conference of Karnataka. It was held at the lobby of the SRC Auditorium, JSS hospital. The chief coordinator of this workshop was Dr Anil Kumar M R, who was ably assisted by Dr Raghavendra, Dr Girish B K, Dr Vyshnavi S, Dr Darshini, Dr Anup, Dr Ashwini and Dr Supriya from department of Anaesthesiology, JSS hospital with guidance and support of the head of the department Dr Archana K N. Though the registrations were limited to 40, the workshop received an overwhelming response with a total of 51 registrations. The workshop was inaugurated by Dr Basavana Gowdappa H, Principal, JSS medical College, Dr Madhu C P, Incharge director and medical superintendent, JSS hospital and attended by Dr Shamprasad Shetty, deputy director, Dr Manjunath, Deputy Director, Lab services, Eminent faculty in the field of Anesthesia, from all over the country like Dr. Pankaj Kundra, Dean, JIPMER, Pondicherry, eminent teachers like Dr. Gurudatt C L, Professor, JSS MC & H, Dr. Namratha Ranganath, HOD, KIDWAI, Dr. Manjula Devi, Medical Superintendent, St John's Medical College, Dr Sripada G M , HOD,NITTE University & Dr Prof Sudeesh Kannan from BMC were invited as resource faculty. The workshop started in the morning at 8: 30 am and there were scientific deliberations and interactive sessions till noon. Later there was hands-on workshop for the delegates in 8 stations, laid out thoughtfully to cater to the needs of both the postgraduates and practicing consultants.

Critical Events- An Adrenaline Rush to Anaesthesiologists Workshop – 10-08-2023

Department of Anaesthesiology, JSS Medical College in association JSSAHER skill and simulation center ,conducted the pre con workshop for the south zone conference of Anaesthesiologists (SZISACON)-2023 on 10th Aug 2023. The theme of the workshop was critical events- an adrenaline rush to anaesthesiologists. Managing critical patients in the operating room challenges anaesthesiologists in various perspectives, the technical aspects vary due to the multiple systems crashing simultaneously further compromising the situation. The non technical skills contribute significantly to the outcome following any patient adverse event and it applies to all the stakeholders in patient care. Though simple, the learning and unlearning process is quite elaborate which requires repeated exposure. This is possible only through simulation training of various commonly occurring critical events. Crisis resource management CRM) has become one of the most sought after component of critical event training, important aspects of CRM like communication skills, situational awareness and team dynamics are all included in this training. Hence, this theme was selected for our workshop.

37 delegates had registered for the workshop and we had 2 external faculties- Dr Lulu Sheriff Mahmood, professor in anaesthesiology and head of health care simulation, fr muller medical college, Mangalore and Dr Meghna Mukund, professor, dept of anaesthesia, chief coordinator,



Actsyen, Yenopoya medical college hospital, Mangalore, the internal faculties included Dr Archana S, Dr Sarika M shetty, Dr Harish Kumar P, Dr Shivakumar, Dr Meghana M and Dr Mamtha as subject experts. The workshop began with the inauguration at 9 am by our principal, Dr Basavangowdappa, medical Superintendent, Dr Madhu C P.

The scientific sessions began with the introduction to simulation followed by a demonstration scenario of cardiac arrest, performed by the medical interns. The rest of the audience watched the scenario in the audience. The insight into prebreifing and debriefing was also given at the end of the scenario. Dr Archana S spoke on Anaesthesia non technical skills (ANTS) and its relevance in CRM. The delegates were divided into 5 groups of 6-7 students and each group were given a surprise emergency scenario where they had to perform on the manikin or standardised patient. 5 such scenarios namely, eclampsia, unanticipated difficult airway, local anaesthesia systemic toxicity(LAST) prior to lunch and neonatal resuscitation protocol (NRP) and massive transfusion protocol (MTP) in the post lunch period were given to the students. The technical and non technical skills were analysed and discussed and its relevance explained. Hand outs of the various protocol in each of the case was given to the delegates. Workshop ended with feedback, certification and valedictory function.

Therapeutical Advances in Pediatric Dermatology – 10-12-2023

Department of Dermatology and IADVL SIG Pediatric Dermatology organized Pan India CME ON Therapeutic advances in pediatric dermatology at SRCA JSS Hospital on 10th December 2023. Several lectures and panel discussions were held as a part of the scientific program. More than 100 delegates participated in the academic activities. Award paper presentations and poster presentations were held and best papers were chosen and awarded. Renowned academicians delivered lectures in the event. 100 delegates attended this program.







Guest Lecture - “Relevance of Anatomy in Clinical and Surgical Sciences



The Department of Anatomy organized a guest lecture, titled “**Relevance of Anatomy in Clinical and Surgical Sciences**,” on 18/09/2023 on the occasion of world anatomy day. The esteemed speaker for the event was **Dr. Ashwini C Appaji** who is renowned for her expertise in the field of anatomy. The lecture started with brief talk on the significance of celebration of world Anatomy Day by Dr. Vidya CS, Professor and head, Department of anatomy. Dr.Vinutha SP, Assistant professor, introduced the guest speaker by highlighting her extensive background and expertise in the field of anatomy. Dr. Ashwini C Appaji delivered a comprehensive presentation on the relevance of anatomy in clinical and surgical sciences. She emphasized that anatomy serves as the fundamental building block of medical knowledge and explained how a deep understanding of

anatomy is crucial for making accurate diagnoses and performing safe and effective surgeries. The lecture included numerous real-life examples, case studies, and medical images to illustrate how anatomy is applied in clinical settings. Dr. Praveen Kulkarni, Vice Principal (para clinical), spoke about the importance and the significance of anatomy in academic and professional careers. As a token of gratitude, the appreciation certificate was handed over to resource person by Dr. Praveen Kulkarni, Dr.Vidya CS, Dr.Pushpalatha K and Dr.Najma Mobin. The program was coordinated by Dr Poonam DN. 250 delegates attended this event.

Artificial Intelligence Applications in Pharmacology practice. By Dr Balu PS, Director- Center of Digital Health, AI, Research &Training Basveshwara Medical College & Hospital, Chitradurga on 23-11-2023



A guest lecture was held at Department of Pharmacology, JSS Medical College, Mysore on 23-11-2023 from 12.00 PM to 01.00 PM by Dr. Dr Balu PS, on topic:-Artificial Intelligence Applications in Pharmacology practice.

Dr Kalabharthi H.L, Professor of Department of Pharmacology, JSS Medical College, Mysore has introduced the speaker to the attendees and the lecture was attended by all the faculties and post-graduates of Pharmacology department.

Dr Balu started the lecture with introduction of Generative AI and provided valuable Insights into the revolutionary impact of AI on drug discovery, personalised medicines, and overall advancements in pharmaceutical research.

Dr Balu highlighted how artificial intelligence has transformed the drug discovery process. AI algorithms can analyse various datasets, identify potential drug candidates and predict their efficacy with extraordinary accuracy. This will significantly reduce time and resources required for drug development.

Dr Balu mentioned about the concept of personalised medicine, where AI plays an Important role in shaping treatment plans based on patient data. By analysing genetic information, patient history, AI algorithms can optimise drug selection and dosage leading to more effective personalised healthcare. Dr Balu showed us the innovations and devices of their team which were innovated and developed with the aid of artificial intelligence. Dr Balu also emphasised on the significance of AI predicting potential side effects and ensuring drug safety. Dr. Satish A.M, HOD and Professor of Department of Pharmacology, thanked Dr. Balu for delivering the guest lecture. 26 delegates attended this event.

Guest Lecture on "Patenting Medical Inventions: Protection of Intellectual Property Rights in Biotechnology Research and Innovation – 24-07-2023

Distinguished Guests: Different experts served as the resource individuals for the lecture:

1. Dr.Parigi Ramesh Kumar, Senior Principal Scientist, Technology transfer and business development co-ordinator (ISTU), CSIR-CFTRI.
2. Ms.Neha Srivastav, Patent Attorney, Remfry and Sagar, Bengaluru.
3. Dr.B Kumar, Senior Technical Officer, CSIR-CFTRI.



The participants of the lecture included faculties, Ph.D. Scholars, and PG Scholars of various constituent institutions of JSS AHER.

The School of Public Health, and Institution Innovation Council, JSS Academy of Higher Education and Research, Mysuru, in association with the CSIR-Central Food Technological Research Institute, Mysuru, organized a lecture on "Patenting Medical Inventions: Protection of IP rights in Biotechnology Research and Innovation" on the occasion of our nation celebrating Azadi ka

Amrit Mahotsav marking 75 years of Independence. The lecture was centered on Intellectual Property Rights (IPR) in par with ATMANIRBHARTA's main goals.

The session aimed to enlighten the participants on the importance and benefits of IPR in the field of higher education. It was conducted at Gallery 6, of JSS Medical College at 11:30 am and concluded at 1:30 pm. The first session was headed by Dr. Parigi Ramesh Kumar provided the audience with an insightful overview of the genesis of the IPR awareness program. The audience was then treated to a series of success stories from the Central Food Technological Research Institute (CFTRI), showcasing how their patented technologies and innovations significantly impacted society.

This was followed by the lecture by our esteemed chief guest Ms. Neha Srivastav, who is a patent attorney at Remfry and Sagar, Bengaluru who spoke about the different aspects of IPR such as patenting procedures, case scenarios, and legal aspects.

Dr. B Kumar took the stage to conclude the session with valuable insights into the role of IPR in higher education institutions. Dr. Kumar encouraged the participants to consider IPR as a crucial tool in promoting and protecting their research and innovations.





Role play for case based discussion as a part of innovative teaching learning program on

Department of Anatomy organised role-play for case based discussion as a part of innovative teaching learning program on 23.2.2024

The students were divided into 16 groups of each 15 members. Case scenarios were given well in advance. students were informed to perform role play for the case scenarios allotted, time given to enact was 10 minutes. Sessions commenced with a brief introduction of the program by the HOD Dr.Vidya C.S. Participants were encouraged to immerse themselves in their assigned roles, drawing upon their knowledge and expertise to engage in dialogue and problem-solving.

Facilitators- Dr.Pushpa N.B. and Dr.Vinutha S.P. provided guidance and structure to the discussion, ensuring that key clinical and ethical considerations were addressed. Participants were prompted to explore anatomical basis of the given case, communication strategies, and differential diagnosis. Throughout the role-play, facilitators observed and provided feedback on participants' performance, highlighting strengths and areas for improvement in communication.

Feedback from participants indicated that the role-play was an effective and enjoyable learning experience, providing practical insights into real-world clinical scenarios and enhancing their confidence in solving case based questions in the exam. Two best performed teams were acknowledged.

Basic principles of Medical Anthropometry workshop – 05-03-2024

The National Level Hands on Workshop on "Basic Principles of Medical Anthropometry", was held on 05-03-2024 in department of anatomy, JSS Medical College, Mysuru, aimed to provide hands-on experience with anthropometric measurements.

Initially Pre-test was conducted, it revealed variations in participants' baseline knowledge and proficiency levels in anthropometry concepts and measurement techniques. Dr Vina Ravi Vaswani Professor, Dept of

Forensic Medicine Director, Centre for ethics Yenepoya Medical College Mangalore gave a brief introduction to anthropometry, highlighting its definition, historical background, and its applications in different disciplines emphasized the role of anthropometric data in designing products, understanding population characteristics, and assessing nutritional status.

Programme started with invocation song by Miss Sinchana Mahesh I year MBBS student and welcome Speech was delivered by Dr Vidya CS Professor and Head, Department of Anatomy. The program was inaugurated by lighting the lamp by Dr.Manjunatha B, Registrar, JSS AHER, Dr.Vina Ravi Vaswani, Dr.Suma M.N., Vice Principal (Pre-clinical), Dean Faculty of Biomedical Sciences, Sri Satish Chandra S.R., Administrative Officer, JSSMC, Dr.Vidya C.S., Professor and Head, and Dr.Pushpalatha K., Professor of Anatomy Dr.Vinutha S.P., Assistant professor of Anatomy.





Dr. Vina Ravi Vaswani delivered keynote address with a brief introduction, highlighting her expertise and experience in the field of anthropometry. She shared insights into her journey, research, and contributions to the field, establishing credibility and rapport with the audience. Dr.Suma M.N., Vice Principal, (Pre-clinical) JSSMC addressed the gathering and congratulated department of Anatomy for organising Anthropometry workshop. Presidential address was delivered by Dr Manjunatha B, Registrar JSS AHER and he felicitated resource persons **Dr.Vina Ravi Vaswani**, **Dr.Muhammad Nasir Ahmad and Dr.Leena Pramod K.**

Dr.Leena Pramod, Assistant Professor of Forensic Medicine and Member Secretary, Yenepoya Ethics Committee, Yenepoya Medical College, Mangalore provided a brief introduction to participants with an overview of various instruments used in anthropometric measurements, along with their significance, uses, and applications. The instruments include spreading calliper, sliding calliper, anthropometric rod, goniometer etc.

Interdepartmental colloquium – 20-04-2024

Interdepartmental colloquium was organised from the Department of Anatomy, Physiology, Biochemistry and Gastroenterology to commemorate the World Liver Day on 20th April 2024 in Gallery 6, JSS Medical College from 11 am to 1 pm.

Dr. Suma M. N, Vice Principal (Preclinical), Sri S R Satish Chandra, Administrative Officer, Dr. Vidya C.S., Professor & Head of Anatomy, Dr. Rajeshwari L, Professor & Head of Physiology and Dr. Swetha N.K., Associate Professor of Biochemistry, JSS Medical College, Mysuru grace the occasion.

Dr. Swetha N. K, Associate Professor, Department of Biochemistry welcomed all the dignitaries, teaching staff and the students. Dr. Suma M. N, Vice Principal (Preclinical) addressed the gathering emphasizing the significance of World Liver Day in line with the theme and administered the oath to the students in a unique way. Sri S R Satish Chandra, Administrative Officer addressed the gathering by encouraging everyone to lead a healthier lifestyle. Dr. Priya S. A, Associate Professor, Department of Physiology proposed the vote of thanks.

Dr. Geetchandra Tongbram, Post-graduate student, Department of Anatomy spoke on the topic “Anatomy of Liver”Dr. Atchaya, Post-graduate student, Department of Physiology spoke on the topic “Functions of Liver”. Dr. Sowpackia Manimozhi S, Post-graduate student, Department of Biochemistry spoke on the topic “Liver Function Tests”. Dr. Abhishek Kabra, Post-graduate student, Department of Gastroenterology spoke on the interesting topic “Case on obstructive jaundice”. Feedback was taken from Ms. Shwetha Rai, M. Sc student. She excitedly spoke about how useful and educational the program was to all the students. This was the first

of it kind the program was organised at an interdepartmental level. Dr. Vinutha S. P, Assistant Professor of Anatomy co -ordinated the program.





Anatomy Poster Competition - 29-04-2024

The Department of Anatomy, JSS Medical College in collaboration with JSS Dental College organized Anatomy Poster Competition on 29/04/2024 with the objective to promote learning, enhance presentation skills and promote team work and creativity.

The entire class of 1st BDS 2023-24 batch was divided into ten teams based on the roll numbers. The topics were carefully chosen based on their academic and clinical importance.

The participants had to prepare the poster with only handwritten content and diagrams to enhance retention and recall. This also gave the participants an opportunity to display their creativity. All the members of the team were encouraged to actively participate, to promote teamwork and collaborative learning.

Dr. Sahith Kumar Shetty, Associate Professor, Department of Oral & Maxillofacial Surgery and Dr. Premalatha B R, Reader, Department of Oral Pathology and Microbiology were the judges for the competition.

This was followed by prize distribution ceremony which was graced by Dr. Suma M N, Vice- Principal, (Preclinical), JSS Medical College, Sri. Satish Chandra S R, Administrative officer, JSS Medical College, Dr. Vidya C S, Professor and Head of Department of Anatomy, Dr. Sahith Kumar Shetty, and Dr. Premalatha B R. The posters made by the students were well appreciated by the dignitaries and who also encouraged to conduct many more such activities. This event was coordinated by Dr. Shwetha K, Dr. Uma Shivanal and Dr. Poonam D N





International Museum Day – 23-05-2024

On the occasion of International Museum Day, the Department of Anatomy, JSS Medical College, Mysuru, conducted the following events on 23-05-2024.

“Poster making competition” for I year MBBS students of 2023-24 batch and “Museum visit” by Medical Physics Students, School of Life Science, JSS AHER.

The theme of this year International Museum Day was, “Museums for Education and Research,” underscores the pivotal role of cultural institutions in providing a holistic educational experience.

On 23/05/2024 at 11 am the Medical Physics Students, School of Life Science, JSS AHER visited the Anatomy

Museum. The Post graduate students accompanied the students, and they explained all the museum specimens and the digitalization of the Museum was demonstrated to them. The specimens and digitalization were appreciated by the students. At 12 pm, Posters prepared by the I year MBBS Students were displayed in front of the Departmental Museum.

The entire class of 1st MBBS 2023-24 batch was divided into ten teams based on the roll numbers. The topics were carefully chosen based on the theme and to bring awareness about the importance of the Museum. The participants had to prepare the poster with only handwritten content and diagrams to enhance their creativity and skill.

Dr. K. T. Chandra Shekar, Assistant Professor, Department of Anatomy, Mysore Medical College and Research Institute Mysore and Dr. Rekha T.S., Associate Professor, Department of Pathology, JSS Medical College, Mysore were the judges for the competition.

The feedback from the students were taken. The posters made by the students were well appreciated by the dignitaries and who also encouraged to conduct many more such activities. Dr.Shwetha K Assistant Professor of Anatomy coordinated the entire program.





Basic Recap of Neuroanatomy for Postgraduate Students – 11-05-2024

The hands on Workshop - "Basic Recap of Neuroanatomy for Postgraduate Students", was held on 11-05-2024 jointly organised by department of Anatomy and Department of General Medicine Dr. H Basavana Gowdappa (Principal), Sri Satish Chandra SR (Administrative officer), Dr. Y.S. Ravi Kumar (Professor and Head, Department of General Medicine), Dr. Vidya CS (Professor and Head, Department of Anatomy), Dr. Prashanth S N (Professor and Head, Department of Pediatrics), Dr Shasthara (Associate professor, Department of Neurology), Dr. Srinath KM (Professor, Department of general Medicine) graced the inauguration ceremony.

Dr.Shasthara discussed about related clinical correlations and enlightened the attendees at the end of each session., Dr. Uma Shivanal, Senior Resident, Dr. Maruthy Prasad, Assistant Professor, Dr. Rashmi Goshi Associate Professor conducted hands on sessions. At the end post-test evaluation was conducted it provided valuable insights into participants' learning outcomes and the effectiveness of workshop interventions.





Cadaver as Our First Teacher - 20-06-2024

The MBBS curriculum begins with the study of Anatomy, highlighted by the first module, "Cadaver as Our First Teacher," which underscores the humanistic and ethical values of cadaveric dissection. These values are intended to guide MBBS students throughout their future medical practice. To officially conclude the first MBBS anatomy curriculum, which commenced with the cadaveric oath, the Department of Anatomy had organized a closing ceremony for the 2023-24 batch.

In alignment with NMC regulations and to foster research among undergraduate students, the Department of Anatomy assigned topics for first-year MBBS students to write review reports. The response was overwhelming, and the students' reports were compiled into a Compendium. Dr. Deepa Bhat, Professor of Anatomy, introduced this Compendium of Research Reports and emphasized the significance of research. The compendium was released during this ceremony.

Students Ms. Kushanvitha and Mr. Vikram expressed their appreciation for the anatomy faculty's teaching efforts and innovative academic activities. Dr. Praveen Kulkarni advised the students on the importance of AETCOM modules and lifelong learning, while Sri Satish Chandra emphasized the value of practical learning and wished the students success. Dr.Vidya CS appreciated the efforts of students for drafting the research report and wished them best wishes for the future. Dr. Pushpa NB, Associate Professor of Anatomy, delivered the vote of thanks. The program was compered by postgraduate students Dr. Bhavadharini and Dr. Ipshitha. To mark the event, students received a pen and a good luck note. The ceremony concluded with students providing written feedback.





CME cum workshop on AI in Research & Publications – 15-03-2024

Department of Physiology, JSSMC, Mysuru, successfully hosted a National CME cum Workshop on "AI in research and Publication" with 2 KMC Credit hours, on 15.03.2024 at Medical Education Unit. The Chief Guest, Dr. R Jagadeesh, Professor and Dean, Department of Business Administration, Vidyavardhaka College of Engineering in Mysuru, and Dr. Sunil M.V., Assistant Professor, Systems and General Management, SDM IMD in Mysuru, led the workshop. The event took place in a hybrid mode with 118 delegates in total. Under the direction of the organizing chairman, Dr.Rajeshwari L, Professor & HOD, and organizing secretary, Dr.Ramya C.M., Assistant Professor, Department of Physiology, JSSMC, the program was conducted successfully.

Session 1 : 'Introduction to Research and Publishing':

Artificial Intelligence (AI) has become a game-changer in a rapidly evolving area of research, changing our methods for data collection, data analysis and publication. In this scenario, Dr.R.Jagadeesh covered the most relevant topic, which is how AI might accelerate your academic obligations and responsibilities linked to research and publications.

Session 2 : 'Understanding AI and its relevance for Research: LiteratureReview'

Dr.Sunil M.V. started his session with interesting interaction which captured the attention of all the audience. The session delved into literature reviews, emphasizing the value of utilizing cutting-edge instruments and artificial intelligence (AI) for efficient research management.

Session 3: 'Critical thinking, Searching for topics and the journal, Using AI tools to build the outline and the content': Dr.R.Jagadeesh handled an informative session exploring real-world applications of AI in various research domains.

Session 4 [2 - 3:30 pm]: 'Publishing your paper, Handling rejections, Publication Ethics in AI era. Challenges and Issues' by Dr.R.Jagadeesh

Next session by Dr. R Jagadeesh tackled a biggest challenge of all time- Publication in an indexed journal and also handled a sensible issue regarding the ethical considerations that may arise. This session delved into the ethical implications of using AI in research and publication, providing insights into responsible AI practices

and ensuring the integrity of scholarly work.

Session 5 [3:30- 5 pm]: 'Harnessing the power of AI for Writing, Editing and Refining the manuscripts' by Dr.Sunil M.V.

The session by Dr. Sunil M V was so interactive and coherent. He started with presenting the AI tool website and he took a couple of representatives from the audience to give prompt for desired output. This made audience to come up with varied suggestions about missing specific prompt instructions, and this act ensured the liveliness and active participation of the audience.Thus he taught how to give proper prompt to the tools. He introduced additional resources likePerplexity.ai and Gemini by Google (for paraphrasing and editing). There was Hands-on experience with Jenni, Elicit, ChatGPT, Perplexity and Gemini. This session equipped the audience with practical insights into the effective use of AI for literature review and research management.





National CME on "Unleashing Potential: Global Career Opportunities for Pharmacology Postgraduates" - 25-04-2024

The CME aimed to provide insights into the diverse career opportunities available for pharmacology postgraduates beyond academia, particularly in the global pharmaceutical industry.

Schedule of Events:

Dr. Satish A.M, Professor and Head of the Department of Pharmacology, JSSMC, Mysuru, delivered the introductory speech from 9:30 am to 9:45 am, Introductory speech highlighted the importance of medical pharmacologist in healthcare setup who are back ground players with a vital role in drug development, maintaining its safety and efficacy and have a key role in translation of information from bench to bedside.

Dr.Jayasheel B G, Head of Regulatory Affairs, Alcon Laboratories (India) Private Limited, Bengaluru, conducted a scientific session on "Regulatory Affairs: Drug Development from Regulatory Perspective". He discussed about various career opportunities and role of pharmacology postgraduates in regulatory affairs, structure of regulatory authorities and important regulations in all the levels central as well as state wise.

The inauguration ceremony took place following this, with Chief Guest Dr.Jayasheel B.G., presided by Dr. Praveen Kulkarni, Vice Principal (Para Clinical), and S R Satish Chandra, Administrative Officer, JSSMC.

Mr. Jestin V Thomas, Managing Director & CEO of Leads Clinical Research & Bio-Services Pvt. Ltd., Bengaluru, conducted a session on "BA-BE Studies". He discussed the importance of conducting BA-BE studies and future prospects for MD Pharmacology postgraduates as Investigators.

A detailed and informative session on Medical Affairs & Global Drug Development was delivered by Dr. Manjunath R., Senior Global Medical Manager at Novo Nordisk, Copenhagen, Denmark, on "Opportunities to Go Abroad".

Dr.Poornima R., Team Lead at Indigene, Bangalore, gave a talk on "Scientific Writing & Device Technology: PSUR, CSR, CER for Regulatory Submission & Pharmacovigilance Opportunities". She has explained the various types of medical writing ranging through different stages of drug development (e.g., CSR, CER, DSUR, PSUR, PBRER, PADER etc.)

Dr. Ashwini. V, Associate Medical Director at Astrazeneca, Bangalore, gave a sneak peek on "Career Opportunities in Pharma and Allied Industries for Indian Pharmacologists". She explained the various

job labels for medical pharmacologist in drug development. Also, she discussed the opportunities and limitations of working in Global MNC, Indian MNC and CROs.

Final Session was by Dr. Purushotham Naidu, Senior Global Program Safety Lead at Novartis, New Jersey, United States, gave bird's view on "Medical Affairs & Global Drug Development: Unleashing Potential".

The CME was concluded with a valedictory session, followed participants to reflect on the day's learnings.




Launch of novel mobile app Antibiotica – 15-05-2024

We are happy to announce the launch of novel mobile app "Antibiotica" by Department of Pharmacology, JSS Medical College. The launch event was chaired by Dr Suma M N, Vice Principal (Pre-Clinical), Dr Praveen Kulkarni, Vice Principal (Para-Clinical) and Mr. S R Sathish Chandra, Administrative Officer, JSS Medical College, Mysuru.

The project is funded by ICMR for MD Research Thesis to Dr. Krishna Teja Dwibhashyam, MD Postgraduate. It was developed under the guidance of Dr. Prathima C, Associate Professor Department of Pharmacology, JSS Medical College and Dr. Vanishri Arun, Associate Professor, Department of Information Science & Engineering, SJCE, Mysuru. Dr Satish A.M, Professor & Head, Department of Pharmacology, JSS Medical College, Mysuru alongside with other faculties and postgraduates of Pharmacology graced the event.

Antibiotica is a quick bedside reference tool for clinicians, post-graduates and interns for prescribing antibiotics. It will help in overcoming knowledge gaps, misuse and overuse of antibacterial agents, promotes rationale prescription of antibiotics and minimize antimicrobial resistance (AMR) thereby reducing morbidity and mortality related to AMR.

The 'Antibiotica' app is now available for free and can be downloaded from Google Play Store.

Download Link: https://play.google.com/store/apps/details...




Revolutionizing Healthcare: The Role of AI in infectious diseases management



With the blessings of His Holiness, the Department of Microbiology at JSSMC hosted a Webinar on March 4th on the topic & quot; **Revolutionizing Healthcare - Role of AI in Infectious Diseases**". We had an overwhelming 360 registrations for the event, and around 220 attended the session with due enthusiasm. The Master of Ceremony was conducted by Dr.Deepashree R, while Dr.Sowmya G.S. introduced the speaker for the webinar. The webinar session was chaired by Dr.Subhashchandra, Professor in the Department of Medicine, and Dr.Tejashree A, Professor and Head of the Department of Microbiology. The chairpersons conducted the proceedings of the webinar by welcoming the speaker and introducing the topic. Dr.Tavpritesh Sethi, a renowned AI physician, was the speaker. Dr. Sethi discussed in detail the basics of AI applications in healthcare and also provided insights on research ideas, including federated data management and AI models. After the speaker's talk, the chairpersons interacted with the speaker with a few questions. The session was concluded by a vote of thanks, delivered by Dr.Sujatha S.R., followed by a group photo.

Contextualised Approach to Antimicrobial Stewardship – 06-04-2024

On April 6th, Dept of Microbiology conducted a preliminary Round Quiz titled - "Contextualized Approach to Antimicrobial Stewardship" organized by PGIMER Chandigarh in collaboration with the Society for Antimicrobial Stewardship Practices in India (SASPI). This quiz program was Coordinated by Dr Deepashree R, Asst Prof, Dept of Microbiology and Foundation member of SASPI.

Total 7 teams participated in the quiz. And Team 3 (Dr Bhargav, PG , Dept of Pulmonology and Dr Deepa, PG, Dept of Pharmacology) secured highest marks followed by Team 4 - second highest (Dr Preethika, SR, Microbiology; Dr Nikita, JR Microbiology and Dr Rachita PG, Paharmacology) and Team 6- Third highest (Dr Mirza Asgar,PG, Medicine; Dr Varun, PG, Medicine and Dr Bharanitha, PG, Medicine) prelim rounds and they will be representing JSS Medical College in Final Round conducted on Aug 24th-Aug25th, in PGI Chandigarh during ASPICON 2024.

SYMPOSIUM CUM WORKSHOP EVENT – 22-06-2024

Special Interest Group (SIG) on AMR and the Department of Microbiology organized a symposium cum workshop on June 22nd, 2024, titled "AMR in One Health: Collaborative Strategies from Veterinary and Clinical Experts." The chief speaker for the session was Dr.Shivasharanappa N, Ph.D., Fulbright Scholar (USA), and Senior Scientist at ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bangalore.

The first SIG-AMR event was inaugurated by Dr.Shivasharanappa N, along with Dr.H.Basavana Gowdappa, Principal of JSS Medical College; Dr.Madhu C.P., Medical Superintendent of JSS Hospital; Dr. Prashanth Vishwanath, Dean (Research) of JSS AHER; and Dr.Tejashree A, Professor and Head of the Department of Microbiology. The sessions were attended by SIG members, faculty from various departments, and students. Dr. Tejashree A presented the introductory note for the session, followed by an interactive session on "AMR Dynamics in Veterinary Medicine: Current Challenges and Future Directions" by the chief speaker, Dr. Shivasharanappa N. He also highlighted areas for future collaborations. Following this, Dr. Deepashree R presented the JSS-Antibiogram report, which highlighted the current burden of AMR in JSS Hospital. In the final sessions, Dr. Raghavendra Rao and Dr Shilpa Avarebeel presented on "Changing Trends of AMR – Lab Physician Perspective" and "Clinician Perspective," respectively.

The entire team also discussed future directions and opportunities in One Health. The sessions concluded with a visit to the Microbiology laboratory and, finally, a working lunch.




Research Methodology Workshop - Part 3 "Data Analysis to Dissemination"

Research Methodology workshop part 3 titled "Data Analysis to Dissemination", a three-day workshop was conducted by the School of Public Health, JSS Medical College, JSS AHER, from 23rd to 25th January, 2024. Participants included students from School of Public Health, scholars and faculties from the Departments of Nutrition and Dietetics, Dermatology and Biochemistry JSSAHER and PhD scholars from the Department of Environmental Science, University of Mysuru.

The Inauguration Program was presided by Dr Prashanth M Vishwanath, Dean Research, JSSAHER. Dr Divya K L, gave the welcome address, followed by watering the plant. Sir gave speech regarding the pivotal role of recognizing and understanding the importance of statistical software in the field of research. He elaborated how using statistical techniques and software in the right way helps to make meaning out of what otherwise may seem complex and difficult to understand and helps to provide better publications. The vote of thanks was given by Dr.Shilpa D. M after which the workshop was concluded. The entire program was anchored by Dr Harini Vasudev, Project Consultant, School of Public Health, JSS Medical College.




Research Leadership Program
Session 2: Virtual Check-In - February 15th & 16th, 2024

The Research Leadership Program's second session was successfully conducted on February 15th and 16th, 2024, focusing on building mentorship and leadership capacity among scholars from historically under-represented groups. The program was held virtually in Indian Standard Time (IST) 6 pm to 9 pm.

Day 1: February 15th

The session commenced with welcome remarks from Dr. Erika Linnander, Director of the Global Health Leadership Initiative at Yale School of Public Health. A panel discussion on "Women in Indian Academia" followed, featuring Dr. Smitha M C, from JSS Medical College and Ms. Nairitee Sil from IIT Roorkee. The panellists shared their insights, succeeded by an open discussion moderated by Dr. Purnima Madhivanan. Mayur Desai from Yale School of Public Health led an interactive session on "Giving and Receiving Feedback," addressing communication challenges and strategies for difficult conversations. The day concluded with closing remarks by Dr. Purnima Madhivanan.

Day 2: February 16th

The following day began at 6:00 pm with goal setting by Dr. Erika Linnander. Participants then reflected on their Individual Development Plans (IDPs) with Dr. Mayur Desai and Dr. Brian Dodge contributing to the discussion. An open conversation with program faculty provided a platform for participants to voice concerns and seek guidance. The session ended after group reflections on key takeaways, led by Dr. Purnima Madhivanan. The program was marked by engaging discussions and valuable learning experiences, contributing significantly to the development of leadership skills among the attendees.

Forensics Club: Oculis Iuris- Debate Competition – 16-03-2024

The Forensic Club Oculis Iuris of JSS Medical College successfully conducted a highly engaging and thought-provoking debate competition on March 16, 2024. The event centred around the overarching theme, “Revolutionizing Rights: Is 18 the New Age of Authority or a Dangerous Gamble?” The competition brought together students to deliberate on pressing issues related to rights and responsibilities, particularly focusing on the age of 18 as a threshold for various privileges and obligations.

The debate held in the Medical Education Unit was adjudicated by esteemed faculty members, including Dr. Arun, Professor of Forensic Medicine and Toxicology (FMT), Mr. Jagdish, and with the invaluable guidance of Dr. Chandrakant, Head of Department (HOD) for FMT, and Dr. Smitha. Their expertise ensured fair evaluation and insightful feedback for the participants.

The winners of the competition were Mr. Ankit Aggarwal and Mr. Dhrish Vasa, who also earned the Best Speaker Prize with his exceptional rhetorical skills and compelling arguments. Mr. Adnan Ibrahim and Mr. Allen Abraham showcased commendable debating prowess and secured the position of runners-up.

The competition covered a wide array of prevalent and critical topics that hold significant relevance in the lives of young adults. These included discussions on issues such as obtaining a driving licence, access to social media, juvenile punishments, and voting rights. Through these deliberations, participants explored the complexities surrounding these issues and proposed innovative solutions.

Overall, the debate competition was a resounding success, thanks to the collaborative efforts of the organising committee, participants, judges, and faculty mentors. Such initiatives not only enrich the academic environment but also contribute to the overall growth and development of the student community.





Simulation based hands on workshop on "MEDICAL EMERGENCIES – TREAT WITH PRECISION" – 08-06-2024

The department of General Medicine, JSS Medical College & Hospital in association with JSS Skill & Simulation Centre, JSS AHER conducted one day "Simulation Based Hands – On Workshop" on Medical Emergencies on 8th June 2024 for medical Inters.

It was an unique and a value added programme. Nearly 20 medical interns participated from JSS Medical College and from other Medical Colleges. Simulation scenarios included Diabetic Ketoacidosis Acute Severe Asthma, Acute Coronary Syndrome, Organophosphorus compound poisoning and different types of shock. Students learnt to handle these medical emergencies and it instilled confidence in them to handle the cases independently.

Dr.Tandure Varsha, Dr.Nandini.K were the facilitators for simulation scenarios from medicine department. Dr.Archana.S was the facilitator from JSS skill and simulation centre. Students learnt to diagnose the condition, send appropriate investigations, calculate correct doses and administer them properly. They learnt to monitor the patients in different scenarios.

Students were happy to experience such an unique method of teaching and practice and enjoyed the learning experience. Students learnt how to work as a team in emergency situations and improve the survival of the patients. Hence forth it is planned to conduct such workshops regularly.





10th Mysore Orthopaedic Course – Post Graduate Teaching Programme 1st & 2nd Jun.2024

The 10th Mysore Orthopaedic Course 2024, hosted by the Department of Orthopaedics, JSSMC, JSSAHER on 1st & 2nd June 2024 at the esteemed JSS Hospital. We had a total of 60 participants and all were Post Graduates from our institute, Mysore Medical College, Chamaraj Nagar Institute of Medical Sciences, Adichunchangiri Institute of Medical Sciences.

Various expert faculty Dr.Singara Vadivel, HOD, Madras Medical College, Dr.Darshan Kumar V.Jain, Hand & Upper Limb Surgeon, Bengaluru. Dr.Mohan N.S., Spine Surgeon & HOD, Institute of Spine Surgery, Sanjay Gandhi Hospital, Bengaluru attended this programme to enrich our Post Graduate students with clinical methodology, Interpretation of tests and teaching a diagnosis for clinical case presentation.

Internal Faculty from Mysuru, Dr.Mruthyunjaya, former HOD, Dept. of Orthopaedics, JSSMC, JSSAHER, Dr.Vasuki, Senior Dept. Surgeon, Kamakshi Hospital, all Professor & unit Chiefs from Mysore Medical College and Research Institute also participated.

Our own faculty Professor & HOD Dr.Siddalingamurthy, Professor & Unit Chief Dr.Purushotham Sastry, Professor & Unit Chief Dr.Vijay C., Asso. Professor & Unit Chief Dr.Sheshagiri V., Dr.Arunodhaya Siddartha S., Dr.Sujana Theja J.S., Dr.Adarsh T, Dr.Prakash M, Dr.Pramod B.M., Dr.Santhosh M.S., Dr.Madhukesh R., Dr.Shreyash M.J., Dr.Shashi Kumar M.S., Dr.Vijay Kumar S., attended and shared their knowledge, experience with the students. All Participants were enlightened with many methods and clinical knowledge, Performa preparation, presentation skills. They were exposed a variety of clinical cases, lectures on clinical presentation & Demonstration. The programme was organized by Dr.B.Gurumurthy, Associate Professor & Dr.Pramod B.M, Assistant Professor and Dr.Punith N, Senior Resident from the department of Orthopaedics

JSS CARE 2024 CME ON CRITICAL CARE ADVANCES RESEARCH & EDUCATION 04-02-2024

In a significant stride towards advancing critical care knowledge, the Department of Critical Care Medicine, JSS Medical College & Hospital, Mysuru, orchestrated its inaugural Continuing Medical Education (CME) on February 4th, 2024. The event unfolded at the SRC Auditorium, JSS Hospital, Mysuru, and served as a pivotal platform for delving into the latest breakthroughs in critical care.

Emphasizing the paramount importance of updating our knowledge base in the dynamic healthcare landscape, the CME, titled "JSS CARE 2024 (Critical Care Advances Research & Education)," showcased a resolute commitment to staying at the forefront of research and education. Stagnation, in this ever-evolving field, is simply not an option, and the dedication to ongoing education becomes the linchpin propelling us forward.

Under the guidance of Dr.Akshay I/C HOD, the Department of Critical Care Medicine meticulously organized the CME. The organizing committee, including Dr.Shobharani, Dr.Abhilash, Dr.Shailaja, Dr.Ashwini, and the Fellowship students of the department, played a pivotal role in ensuring the event's success.

The inauguration ceremony, graced by Chief Guest Dr.Suresh B, Pro Chancellor, JSS AHER, Mysuru, and presided over by Dr.H.Basavana Gowdappa, Principal, JSS MC, Mysuru, added a distinguished touch to the occasion. Dr.Madhu C.P., Medical Superintendent, JSS Hospital, Mysuru, and Sri S.R.Sathish Chandra, Administrative Officer, JSS MC, Mysuru, were esteemed guests of honor, further elevating the prestige of the event.

Eminent faculty members from various parts of the state shared their expertise during the CME, delivering lectures on a spectrum of critical care topics. The subjects ranged from extracorporeal therapies in sepsis, weaning failure, AI & emerging technologies in critical care, vasopressin administration in sepsis, interpretation of ABG, nutritional support in critical care, PCR-based diagnosis & MDR & XDR GNB in ICU, venous excess USG in ICU, to exploring the skin as an organ system during daily ICU rounds. This diverse array of topics ensured a comprehensive exploration of critical care advancements.



The scientific program culminated with Dr.Akshay presenting a report on "Department of Critical Care Medicine AHER – A Year in Review," providing a retrospective look at the department's achievements.

Around 200 delegates attended the programme. Delegates in attendance lauded the scientific content of CME program and expressed their appreciation for the well-organized and enriching event. The positive feedback underscores the success of the initiative in fostering knowledge enhancement and professional growth among the participants.

In essence, the Department of Critical Care Medicine's inaugural CME stands as a testament to their unwavering commitment to excellence, education, and the continuous pursuit of advancements in critical care.

Basic Course in Point of Care Ultrasound – 05-06-2024

The Department of Emergency Medicine in association with the Department of General Medicine, Respiratory Medicine, Critical Care Medicine and Geriatric Medicine conducted the first ever hands on workshop on Basic Course in Point of Care Ultrasound on 5th of June, 2024. This program was designed as a full day workshop for the faculty and post graduates of various clinical departments of JSS Medical College and Hospital.

About 40 delegates had registered to participate including Faculty and Residents from various departments. Candidates was given reading material to prepare for the day and had also taken a 'pre-test' prior to attending the workshop.

The day of the workshop started with an inaugural ceremony chaired by Dr.Basavana Gowdappa (Principal, JSS Medical College and Hospital). The principal and Dr.Brinda Basavaraju (Professor and HOD, Department of Emergency Medicine), Dr.Ravikumar Y.S (Professor and HOD, Department of General Medicine), Dr Jayaraj (Professor and HOD, Department of Respiratory Medicine), Dr.Shubash Chandra (Professor, Department of General Medicine) and Dr Akshay (HOD, Department of Critical Care Medicine), Dr.Madhu Srinivasarangan (Associate Professor, Department of Emergency Medicine and the course director) along with two of the delegates lit the symbolic lamp of knowledge.

Dr.Brinda welcomed the dignitaries and delegates and spoke about the history and development of ultrasound from its initial uses in metallurgy to the point of care bedside machines in modern medicine. Dr.Ravikumar set the frame for the scheduled program and stressed the relevance of knowledge about POC ultrasound for the post graduates of today. Dr.Basavana Gowdappa highlighted the need for incorporating ultrasound into the assessment and monitoring of acutely ill patients for higher speed and accuracy in diagnosis and management. He also urged the program faculty to conduct the workshop on a regular basis for all faculty and incoming post graduates too.

Dr.Madhu Srinivasarangan took the first session of the day that included an introduction to the ultrasound machine - the physics and the controls, the basics of tissue differentiation under ultrasound and the language of reporting abnormalities in POC ultrasound.

The rest of the workshop was divided into 4 sessions, each of one and half hours involving a brief talk followed by hands-on learning at 4 different stations. In the first session Dr Nayan presented a talk on ultrasound of the Airway including neck vessels and assessment of the Breathing using ultrasound of the lung. Dr Arpitha led the second session with an introduction to POC ultrasound of the abdomen including the FAST exam, gall bladder, IVC and abdominal aorta. During the third session, Dr.Hareeth described the four views of the heart used for a Focused Cardiac Ultrasound. The last session focused on incorporating the POC ultrasound findings into diagnostic algorithms with particular stress on the RUSH protocol and the BLUE protocol which were illustrated by Dr Pooja and Dr Ruben. Here the 'approach to' a patient while incorporating such ultrasound skills as were learnt through the day into the assessment and management of patients in Shock/ Dyspnea was learnt using various interesting case scenarios. All work stations were coordinated by the faculty of the Departments of Emergency Medicine and Critical Care Medicine. During each session and at all stations, each candidate had adequate time to learn, perform and demonstrate the skill of obtaining appropriate basic views and reporting any abnormalities. The delegates were provided with lunch and tea breaks through the workshop.

The day concluded with a closure by Dr Madhu along with administration of a 'post-test' for the delegates and collection of feedback. Every candidate were given E-certificates and reading material to pursue interest in point of care ultrasound.






Psycho-oncology - Interdisciplinary Learning and Patient Care Programme

Dept of Clinical Psychology in collaboration with Dept of Medical and Surgical Oncology, JSSMC & H, had organized a programme on “Psycho-oncology - Interdisciplinary Learning and Patient Care Programme” in observance of National Cancer Family awareness week.. Caregivers of the cancer patients were involved in an FGD and all of them expressed a greater sense of hope and support in dealing with the illness by end of the session.





WORKSHOP ON COUNSELING SKILLS AND SOFT SKILLS TRAINING
16th to 18th January 2024.

A workshop on counselling and soft skills was conducted for students of M.Sc in Clinical Psychology in Telemedicine Room, 5th Floor, JSS Hospital. The workshop was conducted by Asmita Jain, Assistant Professor, Department of Clinical Psychology, and was attended by 44 students. This workshop was conducted to prepare the students for the JSS MAN Tele-health Counselling Initiative and equip with the necessary skills.
The workshop used presentations and role-plays to impart training in micro-skills of counseling such as opening up a session, building rapport, reflecting, paraphrasing and using empathy. On Day 1 and 2 , training was focused on the development on skills, and on Day 3 , the students were trained in suicide prevention strategies and identification of suicide risk.
The workshop was brought to a close by answering queries regarding the practical challenges of tele-counseling. Feedback was elicited from the students, who mentioned that they found it informative and helpful in preparing for the tele-health counseling.







How to choose Thesis topic by Dr.Srinivasa Murthy, Professor of Paediatrics, JSSMC on 05-01-2024

The interactive session consisted of presentation on identifying the “research question, generation of hypothesis and research methodology” Different types of studies that can be conducted in the medical

field with emphasis on diagnostic tests relevant to laboratory sciences were discussed. Students and staff of pathology interacted and discussed a few ongoing and proposed topics in pathology with respect to study design and appropriate outcome that has to be reported. Components and the art of synopsis writing was discussed.

Plastination techniques demonstration on 11-04-2024

A guest lecture and demonstration of plastination technique was organized by the Department of Pathology. Dr. N. M. Shamasundar, Senior Retired Professor of Anatomy, Ex-Dean, Biomedical Sciences, JSS University demonstrated the Plastination techniques at Department of Pathology, JSS Hospital, Mysuru on 11/04/2024. He is first in India & second in the world to design the Unique Plastination technique. He has received many awards.

He explained the technique of preservation of biological specimens which would be dry, colored, odorless, portable, non-irritating and inexpensive. He explained 3 different techniques of plastination, including "Sheet plastination" which is comparable to CT and MRI, "Luminal cast plastination" which is used for hollow organs like cerebral ventricles, lung tumors and "Whole organ plastination".

He demonstrated plastination technique on one of the fibroid uterus specimens received in the Pathology department. It was attended by all the staff members and the pathology postgraduate students. It was an interactive session, and everyone found it to be a useful technique for teaching purposes. These techniques being simple and cost-effective, Dr.Rekha.T.S., Associate Professor of our department has taken an initiative to include plastinated specimens to the Pathology Museum, JSS Medical College, Mysuru under his guidance.





E-Learning module on tobacco counselling – 22-01-2024

E-Learning Module on Tobacco Counselling! This interactive and comprehensive online program has been designed to equip healthcare professionals with the knowledge and skills necessary to provide effective tobacco counselling to their patients. Dr.Chandrashekar B R, MDS, PhD, FAIMER 2017 Fellow. Associate Dean (Academics), Professor, Department of Public Health Dentistry, JSS Dental College and Hospital, JSS Academy of Higher Education and Research, Mysuru enumerated the reasons for tobacco initiation and dependence, Factors related abuse liability and tobacco industry tactics to promote abuse liability of product and how to Motivating young children's not to experiment the tobacco.

Important points

- Abuse liability and tobacco industry tactics
- Abuse liability: manipulation of dependence potential and attractiveness that can contribute to harm directly
- Making attractive cigarette's for young children's
- Tobacco pack surveillance; Tobacco pack surveillance refers to the systematic and ongoing monitoring of tobacco product packaging for various purposes, including compliance with regulations, public health research, and policy evaluation. This surveillance involves the collection, analysis, and reporting of information related to the packaging and labelling of tobacco products. Here's an overview of the key aspects of tobacco pack surveillance.
- Nicotine stimulate nicotine has stimulant effects, tobacco use and nicotine addiction are

associated with numerous health risks, including cardiovascular diseases, respiratory problems, and an increased risk of various cancers. Quitting smoking or using nicotine replacement therapies under medical guidance is recommended for those looking to break the cycle of nicotine dependence.

- Tobacco use prevalence
- Tobacco industries
- Narcotic effects of nicotine
- Autopsy studies 400% increase in nicotine receptors among smokers compared to non- smokers
- Ammonia technology is the key to competing smoke quality with (Philip mirror) world wide

JSS SKILL & SIMULATION CENTRE ACTIVITIES

Sl. No.	Categories	No. of Activities	No. of participants
1	Students & Interns within Institution	14	1,055
2	Faculty within Institution	4	238
3	Faculty outside the Institutions	7	282
4	Students outside the Institutions	18	1,277
	TOTAL	**43**	**2852**

Date	Details of activity
03.07.2023 to 07.07.2023	**BLS Training for JSS School of Nursing students** BLS Training for JSS School of Nursing students was conducted in the month of July 2023. 88 students attended the course.  
06.07.2023	Visit of TAIWAN students as part of student visit program, BLS & IV line training for TAIWAN students was conducted in the month of July 2023. 22 students attended the course.  

10.08.2023	**Critical events- an adrenaline rush to Anaesthesiologists.** Department of Anaesthesia, JSS medical College, in association JSSAHER skill and simulation center, conducted the pre con workshop for the south zone conference of Anaesthesiologists (SZISACON)-2023 on 10th Aug 2023. The theme of the workshop was critical events- an adrenaline rush to anaesthesiologists. Managing critical patients in the operating room challenges anaesthesiologists in various perspectives, the technical aspects vary due to the multiple systems crashing simultaneously further compromising the situation. The non-technical skills contribute significantly to the outcome following any patient adverse event and it applies to all the stakeholders in patient care. Though simple, the learning and unlearning process is quite elaborate which requires repeated exposure. This is possible only through simulation training of various commonly occurring critical events. Crisis resource management CRM) has become one of the most sought after component of critical event training, important aspects of CRM like communication skills, situational awareness and team dynamics are all included in this training. Hence, this theme was selected for our workshop. 37 delegates had registered for the workshop and we had 2 external faculties- Dr Lulu Sheriff Mahmood, professor in anaesthesiology and head of health care simulation, fr muller medical college, Mangalore and Dr Meghna Mukund, professor, dept of anaesthesia, chief coordinator, Actsyen, Yenopoya medical college hospital, Mangalore, the internal faculties included Dr Archana S, Dr. Sarika M shetty, Dr.Harish Kumar P, Dr Shivakumar, Dr Meghana M and Dr. Mamtha as subject experts.The workshop began with the inauguration at 9 am by our principal, Dr Basavangowdappa, medical Superintendent,Dr. Madhu C P.The scientific sessions began with the introduction to simulation followed by a demonstration scenario of cardiac arrest, performed by the medical interns. The rest of the audience watched the scenario in the audience. The insight into prebreifing and debriefing was also given at the end of the scenario. Dr Archana S spoke on Anaesthesia non technical skills (ANTS) and its relevance in CRM. The delegates were divided into 5 groups of 6-7 students and each group were given a surprise emergency scenario where they had to perform on the manikin or standardized patient. 5 such scenarios namely, eclampsia, unanticipated difficult airway, local anaesthesia systemic toxicity(LAST) prior to lunch and neonatal resuscitation protocol (NRP) and massive transfusion protocol (MTP) in the post lunch period were given to the students. The technical and non technical skills were analyzed and discussed and its relevance explained. Hand outs of the various protocol in each of the case was given to the delegates. Workshop ended with feedback, certification and valedictory function.  

16.08.2023	Essential clinical skills workshop for interns 2018-19 odd batch. One day workshop on essential clinical skills was conducted at JSSAHER skill & simulation centre on 16.08.2023. 26 interns attended the workshop and underwent hands on training in procedural skills. Hands-on training sessions were conducted on Intravenous line insertion, Ryle's tube insertion, catheterisation, suturing, basic airway management, lumbar puncture, Normal delivery and IUCD insertion. They also had interactive lecture sessions on ECG interpretation, O2 therapy, nebulization, IV Fluid, blood transfusion, wound care management, POP application, splinting and hand wash techniques.  
10.07.2023 to 23.08.2023	**BLS & ACLS Training for Medical Interns 2018-19 regular batch students.** BLS & ACLS Training for Interns 2018-19 regular batch was conducted in the month of July & August 2023. 179 students attended the course.  
23.08.2023 to 24.08.2023	**ASL 5000 LUNG Module** Usage of ASL 5000 lung module by skanray technologies for testing & validating their ventilator at JSS AHER skill & simulation center.
02.09.2023	**Radiology workshop** Radiology workshop conducted by JSS hospital Radiology department at JSSAHER Skill & Simulation Center.  

09.09.2023	**FIRST AID AND BASIC LIFE SUPPORT TRAINING conducted at JSS Medical college.** Commemorating the 108th Jayanthi Celebration of His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji FIRST AID TRAINING AND BASIC LIFE SUPPORT hands on workshop was organized at JSS Medical college Sri Rajendra auditorium on 9th September at 2:PM. 108 registered participants from constituent colleges and university departments of JSSAHER actively participated in the event. Programme was started with introduction of the event by Dr.Basavana Gowdappa principal JSSMC, who highlighted the importance of such training. Dr. Suma vice -principal. JSSMC appreciated all the facilitators & the delegates for participating in the event. First aid training session was conducted by Dr. Archana S, chief coordinator JSSAHER skill & simulation center. Important topics like first aid treatment of bleeding, burns, , insect bites and snake bite treatment, poisoning, electric injuries, stroke, diabetes, seizures and heart attack management were explained to the participants. It was highly interactive sessions with participants clearing many of their doubts. After that Basic life support session was conducted by Dr. Sarika M Shetty Associate professor anaesthesiology & Dr. Archana. Importance of starting chest compressions (CPR) as early as possible when victim is unconscious was stressed upon. Participants were familiarized with usage of AED machine and CPR technique. Emergency management of choking and how to relieve choking in adults & in children was demonstrated. Participants were later divided into 10 groups and hands on training was conducted on CPR using mannequins at Sri Rajendra auditorium. Each participant did CPR and was given feedback by instructors, Dr. Archana K N, Dr.Manthappa M, Dr.Vijaya Vageesh, Dr. Vinitha K R, Dr.Nagashree, Dr. Arpitha L, Dr. Venkatesh C R, Dr. Varsha, Dr. Nandini who are all AHA Certified BLS & ACLS instructors participated as faculty for the training. Certificates were issued to all the registered participants after successfully completing hands on training sessions.  
14.09.2023	**BLS for PALS candidates - AHA certified course** 11 participants from various medical colleges attended the course.  

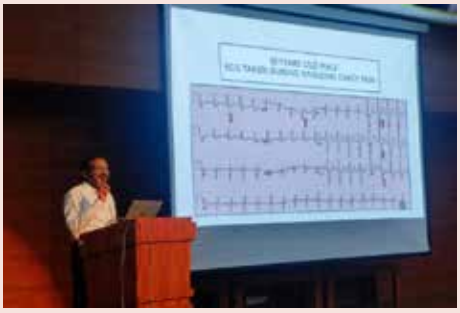
15.09.2023 to 16.09.2023	**IAP – PALS COURSE** Indian academy of Pediatrics accredited advanced life support course was conducted by JSS Medical college Pediatric department. 36 participants from various medical colleges attended the course.  
19.09.2023 to 20.09.2023	UG MEDICAL CONFERENCE ASCLEPIUS 2023 SURGICAL WORKSHOP. As a part of JSS Medical college national undergraduate medical conference 2023, Surgical suturing, IV line, Ryles tube, catheterization workshop was held on 19th & 20th September 2023. 20 members attended the workshop.  
21.09.2023	UG MEDICAL CONFERENCE ASCLEPIUS 2023 BLS WORKSHOP. AHA BLS training was done on September 2023. 5 participants attended the workshop.  
22.09.2023	Emergency ophthalmology workshop conducted by ophthalmology department, JSS Hospital Mysuru.15 students attended the course.  

30.09.2023	**B.Sc., Allied health science perfusions technology students workshop.** **12 students attended the course.**  
09.10.2023 to 18.10.2023	**BLS & ACLS Training for Medical Interns 2018-19 odd batch students.** BLS & ACLS Training for Interns 2018-19 odd batch was conducted in the month of October 2023(6 days) .29 interns & 07 outside students attended the course.  
12.10.2023	**GCP NDCT & Critical thinking workshop** **The workshop was conducted by JSS Hospital CCRE, JSSAHER department at JSSAHER skill & simulation center.123 members attended the course.**  
06.11.2023 to 10.11.2023	**BLS Training for JSS College of Nursing students.** BLS Training for JSS college of Nursing students was conducted in the month of November 2023. 98 students attended the course.  

16.11.2023 to 17.11.2023	**Non – AHA BLS course for JSS Dental college faculties.** Non – AHA BLS Training for JSS Dental college faculties was conducted in the month of November 2023. 74 faculties attended the course.  
20.11.2023 to 23.11.2023	**BLS Training for JSS College of Dental postgraduates students.** BLS Training for JSS college of Dental postgraduates students was conducted in the month of November 2023. 89 students attended the course.  
28.11.2023	**Neonatal Basic life support workshop.** JSS College of Nursing department of Pediatric nursing conducted Neonatal Basic life support: Hands on approach to acquire resuscitation skills workshop held at JSSAHER skill & simulation center in the month of November 2023. 100 members attended the course.  
29.11.2023	**Monitoring in ICU workshop.** JSS College of Nursing department of Medical - Surgical nursing conducted Monitoring in ICU: Simulation based hands on workshop held at JSSAHER skill & simulation center in the month of November 2023. 47 members attended the course.  

Date	Details of activity
02.01.2024 to 05.01.2024	**BLS & ACLS Training for JSS Medical college B.Sc., Technicians 2019-20 batch students.** BLS & ACLS Training for JSS Medical college B.Sc., Technicians 2019-20 batch students was conducted in the month of January 2024. 42 students attended the BLS course. & 26 students attended the ACLS course. 
04.01.2024	**JSS Ayurveda Medical college - orientation programme for 1st year BAMS students.** As a part of orientation programme students of JSS Ayurveda college visited JSSAHER skill & simulation Center. 
06.01.2024	**First aid & BLS training for faculty of school of life science JSSAHER.**  15 Staff members of school of life sciences attended.
08.01.2024 to 12.01.2024	**BLS Training for JSS Ayurveda Medical college students.** BLS Training for JSS Ayurveda Medical college students was conducted in the month of January 2024. 99 students attended the course. 

17.01.2024 to 23.01.2024	**BLS & ACLS Training for JSS college of Pharmacy students.** BLS & ACLS Training for JSS college of Pharmacy students was conducted in the month of January 2024. 37 students attended the course. 
25.01.2024	**VAICON -2024** VAI, Venous Association of India is conducted 17th Annual Conference in Mysore. As part of the pre – conference a CME/workshop for post graduate students pursuing surgery was conducted at JSSAHER skill & simulation center on 25.01.2024 100 postgraduate's students of surgery from various medical colleges attended hands on workshop. Sessions was taken on venous anatomy & functional aspects Hands on training was done on vascular anastomosis of porcine Aorta, graft suturing, embolectomy & vascular instruments.  
01.02.2024 to 02.02.2024	**BLS Training for JSS college of Physiotherapy, MPT students.** BLS Training for JSS college of Physiotherapy MPT students was conducted in the month of February 2024. 37 students attended the course.  

16.02.2024	**ECG REFRESHER course for Interns & postgraduates of JSS Medical college** One day ECG refresher course was conducted for interns & postgraduates at SRCA JSS Hospital. 180 students participated in the workshop students were oriented from basics of Normal ECG to diagnosis and management of abnormal cardiac rhythms resource faculty included Dr. Y S Ravi Kumar, Dr.Basavana Gowdappa H, Dr. Manjappa M, Dr. Archana S, Dr. Sarika M Shetty, Dr. Dinesh G, Dr. Manthappa  
12.02.2024 to 20.03.2024	**BLS & ACLS Training for JSS Medical college Postgraduates 2023-24 batch students.** BLS & ACLS Training for Postgraduates 2023-24 batch students was conducted in the month of February to March 2024. 162 students attended the course. 
28.03.2024	**First aid & BLS course for Allied health Science department of CTVS students** 

02.04.2024 & 03.04.2024	**ESSENTIAL CLINICAL SKILLS WORKSHOP FOR INTERNS 2019-2020 regular batch students.** Two days workshop on essential clinical skills was conducted at JSSAHER skill & simulation centre on 02.04.2024 & 03.04.2024. 175 interns attended the workshop and underwent hands on training in procedural skills. There was a lecture class on protocols to be followed during blood transfusion followed by skill training stations. Hands-on training sessions were conducted on Intravenous line insertion, Ryle's tube insertion, catheterisation, suturing, basic airway management, lumbar puncture, Non-invasive ventilation & centreline insertion. They also had hands on training on wound care management, POP application, splinting and aseptic techniques. Staff from departments of orthopaedics, general surgery, general medicines, Anaesthesia & critical care facilitated the workshop.  
04.04.2024 & 10.04.2024	**CPR Drill for JSS Hospital General Medicine department staff & PG'S boot up course.** All postgraduates and staff of General medicine department attended the course  
05.04.2024 & 12.04.2024	**CPR Drill classes for JSS Hospital Nursing staff** As a part of regular refresher training CPR drill classes are conducted to JSS Hospital Nursing staff in batches.  

15.04.2024	**Faculty development programme for JSS Medical college various department staffs.** One day faculty development of workshop was conducted for JSS Medical college staff as a part of continuous on-going internal faculty development programme. 15 staff members from department of General medicine, OBG, Anaesthesia, surgery, EMD, Paediatrics & geriatrics had attended the programme. Staff were trained on methodology of skill training and implementation of skill and simulation into medical curriculum as per CBME.  
04.05.2024	**JSS college of women Chamarajanagar visited to JSSAHER Skill & simulation centre for orientation programme towards JSSAHER.**  
13.05.2024 to 15.05.2024	**Cardiac Emergencies – A hands on approach** Simulation based workshop on cardiac emergencies was conducted by Department of Nursing foundation JSS College of Nursing due to overwhelming registrations workshop was conducted for 3 days each day having more than 90 registrations. Participants were from various nursing colleges including Mysore, Hassan, Kodagu, Chamarajanagar and Kollegal. Hands on sessions were taken on BLS, ACLS, acute coronary syndrome and primary and secondary assessment in emergency resource faculties were Dr. Archana S Dr. Sarika M Shetty and Dr. Adarsh S B. Total 297 students attended the workshop.  

17.05.2024	**Mastering Surgical Skills – Hands on workshop** The hands – on workshop was conducted for Nursing students with simulation based skills in handling surgical Instruments, sutures and equipments and wound dressing. 104 students from JSS College of Nursing attended the workshop .  
8.06.2024	**Simulation based hands on workshop on "MEDICAL EMERGENCIES – TREAT WITH PRECISION"** The department of General Medicine, JSS Medical College & Hospital in association with JSS Skill & Simulation Centre, JSS AHER conducted one day "Simulation Based Hands – On Workshop" on Medical Emergencies on 8th June 2024 for medical Interns. It was an unique and a value added programme. Nearly 20 medical interns participated from JSS Medical College and from other Medical Colleges. Simulation scenarios included Diabetic Ketoacidosis Acute Severe Asthma, Acute Coronary Syndrome, Organophosphorus compound poisoning and different types of shock. Students learnt to handle these medical emergencies and it instilled confidence in them to handle the cases independently. Dr.Tandure Varsha, Dr.Nandini.K were the facilitators for simulation scenarios from medicine department. Dr.Archana.S was the facilitator from JSS skill and simulation centre. Students learnt to diagnose the condition, send appropriate investigations, calculate correct doses and administer them properly. They learnt to monitor the patients in different scenarios. Students were happy to experience such an unique method of teaching and practice and enjoyed the learning experience. Students learnt how to work as a team in emergency situations and improve the survival of the patients. Hence forth it is planned to conduct such workshops regularly.  

13.06.2024	**ESSENTIAL CLINICAL SKILLS WORKSHOP FOR INTERNS 2019-2020 ODD batch students.** One day workshop on essential clinical skills was conducted for Interns 2019-20 odd batch at JSSAHER skill & simulation centre on 13.06.2024. 20 interns attended the workshop and underwent hands on training in procedural skills. There was a lecture class on protocols to be followed during blood transfusion followed by skill training stations. Hands-on training sessions were conducted on Intravenous line insertion, Ryle's tube insertion, catheterisation, suturing, basic airway management, lumbar puncture, Non-invasive ventilation & centreline insertion. They also had hands on training on wound care management, POP application, splinting and aseptic techniques. Staff from departments of orthopaedics, general surgery, general medicine, Anaesthesia & critical care facilitated the workshop. 

GUEST LECTURES DELIVERED BY THE FACULTY ALIGNING WITH SDG4

Name of the faculty	Title	Date & Venue	Certificate / Photos
Dr. Vidya C.S.	Role of Anatomy in Yoga for Pathanjali Yoga trainers	19th August 2023 JSS Medical College, Mysuru	
Dr. Najma Mobin	Respiratory system for Yoga trainers	19th August 2023 JSS Medical College, Mysuru	
Dr. Vidya CS	Awareness of ICC in foundation course for I MBBS students	9th Sept 2023 JSS Medical College, Mysuru.	
Dr. Deepa Bhat	Current status and future perspectives of precision medicine	01/09/2023 to 02/09/2023 JSS College of Pharmacy, Ooty	
Dr. Pushpalatha K	Outcome based education	12th to 14th Oct 2023 Sri Balaji Medical College, Chennai	
Dr. Vijaya Vageesh Y	Out come based education -MEU	26th Sept 2023 MEU, AIMS, Belluru	
Dr. Kusuma K S	10 days orientation course on Allopathy Medicine	3rd to 14th July 2023 Department of Health, Central Tibetan Administration	
Dr. Abhijith D	10 days orientation course on Allopathy Medicine	3rd to 14th July 2023 Department of Health, Central Tibetan Administration	

Dr. Rajesh Kumar T	FDP on Advancement in Biological Sciences for the sustainable development in agriculture, Health and allied sectors	7th to 11th August 2023. REVA University, Bengaluru	
Dr. Akila Prashant	Two days National Seminar on Current Status and Future Perspectives of Precision Medicine	1st& 2nd September 2023 JSS College of Pharmacy, Ooty	
Dr. Akila Prashant	Guest lecture on Precision Medicine in cardiovascular disorders	13th October 2023 UPES University in Dehradun, Uttarakhand	
Dr. MVSST SubbaRao	DST-SERB sponsored International Conference on Genetics and Epigenetics of Cancer	30th& 31st October 2023. School of Life Sciences, Mysuru	
Dr. Rajesh Kumar T	DST-SERB sponsored International Conference on Genetics and Epigenetics of Cancer	30th& 31st October 2023. School of Life Sciences, Mysuru	
Dr. MVSST SubbaRao	The Research Chronicle: a DST-SERB sponsored workshop	7th& 8th November 2023 JSS Dental College & Hospital, Mysuru	
Dr. Prashant Vishwanath	Dr. Akhouri S Sinha Presidential Oration- From Genes to Microbes: Decoding COPD Complexity for Enhanced Diagnosis and Intervention	14th to 16th December 2023 CIDCO Convention Centre, Navi Mumbai	
Dr. Akila Prashant	Dr.S Gopalakrishnan Oration: Unravelling the Mysteries: Rare Disease Research & Therapeutics	14th to 16th December 2023 CIDCO Convention Centre, Navi Mumbai	
Dr. Prathima.C	Protocol Writing	05.07.2023 MEU Room, II floor. JSSMC	

Dr. Prathima.C	EC functioning, Revised ICMR guidelines, vulnerable population, confidentiality and Subject Rights and duties in clinical research	12.10.2023 Simulation lab, JSS Hospital	
Dr Sheela devi C.S.	Slide Seminar on Head and Neck Cases.	6th to 8th October 2023 Father Muller Convention Center, Mangaluru.	
Dr. Vijaya B	Clinico- Pathology Cases, FeFCon 2023- Virtual,	17th, 18th, 19th Nov 2023. Physicians Hall	
Dr. Rajalakshmi B R	Delivered guest lecture to the “Sowa- Rigpa Doctors during the 10days orientation course on Allopathy Medicine”.	11th July 2023 Bylakuppe	
Dr. Pallavi P	Transfusion Medicine - Back to Basics	17th & 18th August 2023 SPARSH Hospital, Yeshwanthpur, Bangalore.	
Dr. Ranjitha Shankare Gowda	Interpretation of Microbiology reports	11-7-2023 Tibetan camp, Bylakuppe	
Dr. Rashmi P Mahale, Dr. Ranjitha Shankare Gowda, Dr. Vidyavathi B Chitharagi Dr. Deepashree R	Foundation course for 1st MBBS students of 2023-24 batch	9th to 16th September 2023 JSS Medical college, Mysore	
Dr Vidyavathi B Chitharagi	Pandemic module 1- History of pandemics, outbreaks	12th September 2023 JSSMC, JSSAHER, Mysuru	

Dr. G B Aravind	Concepts and Career Opportunities in Forensic Science	22.09.2023 Division of Physical Science Karunya Deemed University, Bengaluru	
Dr. Smitha Rani	Opportunities beyond curriculum	13.10.2023 JSS Medical College, Mysuru	
Dr. Prathap T	Sowa Rigpa Doctor during the 10 days orientation course on allopathy	07 July 2023 Byalaguppe, Karnataka	
Dr. Mamatha S	MPMRT Annual Nephrology Update 2023	20th August 2023 Hotel Sandesh The Prince	
Dr. K.B Suma	Happy learning Master class webinar series Mixed bag Panel discussion on Reverse panel POCSO Act	22nd August 2023	
Dr. Jayashree S	Happy learning Master class webinar series Mixed bag Panel discussion on Reversepanel POCSO Act	22nd August 2023	
Dr Anilkumar M R	Artificial Intelligence	12th to 13th Aug 23 MMC & RI, Mysuru	
Dr. Kanthraj GR	AI in Dermatology	27/10/2023	
Dr.Kishore.M	" Impact of Gadgets Harmful Use on Children & Adolescents"	5th July 2023 JSS College of Speech & Hearing, Mysuru	

Dr.Kishore.M	National Program for training Tibetan Doctors	3rd to 14th July .2023 	
Dr.Kishore.M	National Conference Understanding child & Adolescent Development	27th July 2023 Bangalore	
Dr.Kishore.M	Scholarship for teachers towards Enrichment in Psychiatry Teaching Skills (STEPS)	4th November 2023	
Dr.Kishore.M	A joint initiative of IPS faculty training task force and IPS PG and UG education sub-committee	4th November 2023 IPGME &R, SSKM Hospital Kolkata	
Dr.Pradeep Kumar.P.C	Special Lecture Series – " Mental Wellbeing Managing Academics."	25th November 2023 Manasagangothri, Mysuru	
Dr.Pradeep Kumar.P.C	Teen Suicide:- Signs and Prevention	15th September 2023 St Philomena's College, Mysuru	
Sudeep P K	Anti-Ragging	12 August 2023 JSS Dental College and Hospital	
Trishala.D	Stress Management in Nursing students	21st November 2023 JSS Nursing college, Chamrajnagar	
Dr. Deepa Bhat	Panel Discussion on Role of Vaccination for left out children and adult living with SCD	3rd January 2024 NHM office, Bhopal- State level NHM SCD Conference, Madhya Pradesh	

Dr. Deepa Bhat	Genetic Counselling in Hemophilia	16th January 2024 Hemophilia Federation India Mysore Chapter	
Dr. Deepa Bhat	Unlocking Precision Medicine: Exploring the Clinical Utility of LC-MS in Diagnosis and Treatment	8th May 2024 Sri Rajendra Centenary Auditorium, JSS Hospital. Organized by Department of Biochemistry (DST-FIST supported) & Department of Genetics, JSSMC.	
Dr.Shivaprakash S.	RACHANAVADHANA 2024- An Exam Orientation Programme	21st May 2024 Department of Rachana Sharira, JSS Ayurveda Medical College and Hospital, Mysuru	
Dr.Vijaya Vageesh Y	Career advancement for allied health professional courses	29th April 2024 Sadvidya Composite College, Vijayanagar, Mysuru	
Dr. Divya P Kumar	Virtual Town Hall The revised Ramalingaswami Re-entry fellowships: opportunities and challenges	31st January 2024	
Dr. Akila Prashant	Research, Idea generation and conceptualization of research idea – workshop on Research methodology & statistics	26th to 28th February 2024 Sarada Vilas College of Pharmacy, Mysuru	
Dr. Prasanna Kumar S	Dr. Rajaramanna's Life and his achievements. 26th February, 2024. National Science Week, Organized by Mysore Science Foundation (online).	26th February 2024	
Dr. Prasanna Kumar S	Recent advances and career avenues in Biotechnology	27th February 2024 Maharani's Science College For Women, Mysore	

Dr. Prasanna Kumar S	National Science Day-2024	29th February 2024 School of Interior Design, Dept of Kannada,, Bengaluru	
Dr. Rajesh Kumar T	16th Refresher course in life sciences	6th March 2024 UGC-Human Resource Development Centre, University of Mysore, Mysuru	
Dr.M.V.S.S.T SubbaRao	Grant Writing	23rd March 2024 School of Public Health, JSS Medical College and Hospital, JSS AHER,	
Dr. Prashant Vishwanath	Strategies to strengthen the institutional capacities for Quality, Ranking and Accreditation	4th& 5th April 2024 Institute for Academic Excellence (IAE), Hyderabad	
Dr. Prathima.C	Ethics in clinical research	5th March 2024 JSS College of Pharmacy, Mysuru	
Dr. Sheeladevi C S	Pathology-Past, Present and Future	20th March 2024 JSS Dental College & Hospital	
Dr. K B Suma	Gurukul PG Online Teaching Programme	27.01.2024 Online	
Dr. K B Suma	Gurukul PG Online Teaching Programme	18th May 2024 Online	
Dr Sarika M Shetty	BLS & First Aid CME on Simulation based training on cardiac emergencies	13th to 15th May 2024 JSS College of Nursing, Mysuru	
Dr.Soumya H V	Leadership development Programme Leaders in education Programme	13th March 2024 AIOC Kolkata	

Dr.Poojitha S	The presentation titled “Building an axial length prediction model by machine learning process deploying regression algorithm” at the “Think Under The Apple Tree Session 5 The 82nd Annual Conference of AIOC, 2024	13th March 2024 Biswa Bangla Convention Center Kolkata	
Dr. Kanthraj G.R.	Teledermatology- What’s New	22nd to 24th February 2024 DERMACON Conference	
Dr Shivananda Manohar	Staff development program	8th April 2024 JSS College of Nursing, Mysuru	
Dr Shivananda Manohar	Effective management of Adolescents in classroom settings	12th April 2024 Suttur	
Dr.Megha Sadashiv	spoke in “Mental health in India” to the Postgraduate students of University of Minnesota, organised by Sri Vivekananda institute of Indian studies on	6th January 2024 Mysuru	
Dr.Megha Sadashiv	Spoke on stress & time management for 10th standard students.	23rd January 2024 Sri Renuka Vidyapeeta , Tumkur	
Dr Adarsh S B	BLS & first aid	13th to 15th May 2024 JSS Nursing College, Mysuru	
Dr.Shasthara P	Headache Course Lunch 2024 Talk : Discuss Short and long term courses Plan Flexible learning methods How to develop a career in Headache medicine	30th April 2024 Online live at virtual conference Platform	

TEXTBOOK / CHAPTER AUTHORED BY FACULTY

Anatomy

Dr. Vidya CS
Dr. Asharani SK
Dr. Ravishankar MV

Title of the Chapter / Book
Quick review of Human Anatomy
Second Edition
Comprehensive Handbook of Anatomy for Allied Health Sciences and Nursing students

Published by
N notion press - October 2023
ISBN No. 978-1-64587-553-6

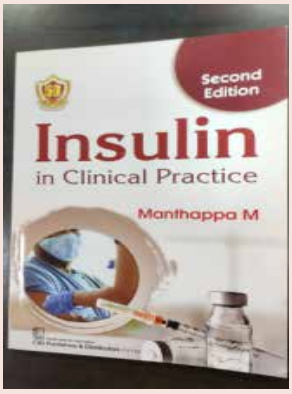


Medicine

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Insulin in Clinical Practice

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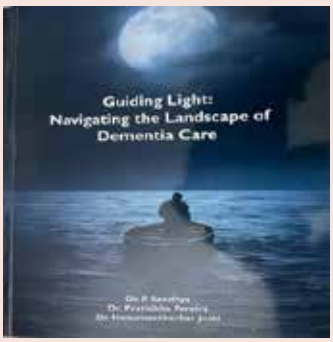


Geriatrics

Dr.P.Sandhya
Dr.Prathibha Pereira

Title of the Chapter / Book
Guiding Lights: Navigating the Landscape of Dementia Care

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2023

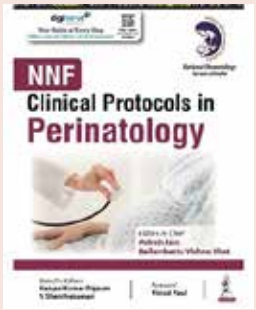


O.B.G.

Dr.Suma K.B.

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Chapter 5: Etiology & pathogensis

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Medicine

Dr. Hemapriya K.

Title of the Chapter / Book
Chapter 13: Placenta in pre-eclampsia-villain or victim

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Paediatrics

Dr. Rashmi N

Title of the Chapter / Book

Book Name: Paediatrics Endocrinology protocol 2nd edition
Chapter: Tall Stature

Published by
Jay pee-grow india (Learning grow society) – 2023



Biochemistry

R Sindhu, Smitha S Bhat, HV Nachith, A Brunda, Devananda Devegowda, Shashanka K Prasad

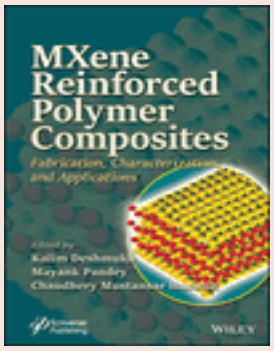
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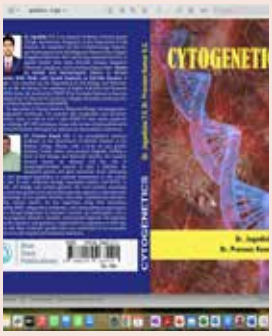


Medical Genetics

Dr. Praveen Kumar K.S. and Jagadish T.V.

Title of the Chapter / Book
Cytogenetics

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Community Medicine

Dr Sunil Kumar D, Dr Praveen Kulkarni
Dr Mythily M R, Dr Smitha M C
Dr Nayana Shabadi, Dr Shwethashree M
Dr Amoghashree, Dr Kavya G Upadhya
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Title of the Chapter / Book
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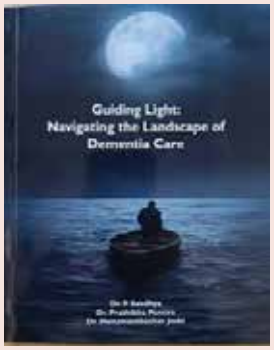
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Geriatrics

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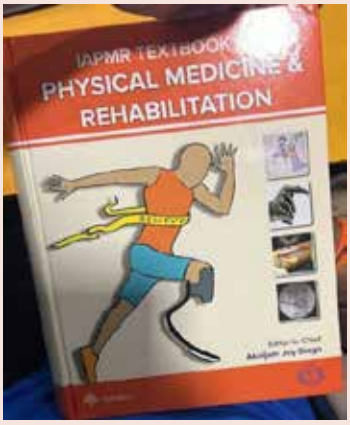
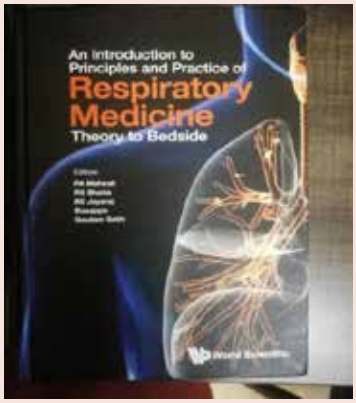
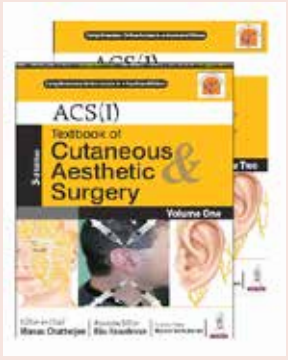
Orthopaedics

Dr.Adarsh T.
Mr.Panchaksharappa Gowda D.H.
Dr.Chaithra N.
Mr.Chethan I.A.

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Statistical Analysis for K-L Staging 2 and 3 of Pre VAS and WOMAC Using Different Interventions

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1. Pooja Pallavi, Suma Nataraj, Arun Gopi, Shobha C. Ramachandra, Prashant Vishwanath, Akila Prashant. Aspect of Sleep Quality Amid Undergraduate Medical Students in Correlation with BMI. International Journal of Health and Allied Sciences. 2023 Aug-Sep;11(4):375-382.
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4. Pushpa NB, Ghulam Bhat, Kumar Satish Ravi. Digital Content in Anatomical Sciences Education. National journal of clinical anatomy. 2023 Dec;12(4):176-177.
5. Dr Sowmya S, Dr Kishor M, Dr Sushma R, R Sumukh Bharadwaj, Nagabhushana Doggalli, Dr Vidya Gowdappa Doddawad. Empathy And Attitude Towards Geriatric Patients Among Dental Students In Clinical Settings: A Descriptive Study. Perioperative Care And Operating Room Management. 2023 September ;32.
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On The Faculty And Residents' Perspective. Indian Dermatology Online Journal. Aug 29;14(5):643-652.
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10. Shiva Murthy Nanjundappa, Pratibha Durgesh Nadig, M. K. Jayanti1, R M. Veena, G. N. Manjunath. Pharmacovigilance in the medical education: In UG curriculum where do we stand? What can be done? Indian Journal of Pharmacology. 2023 Sep;55(4):268-269.
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12. Vidya G Doddawad, Poornima K P, Suhani Jain, Shivananda S, Vidya CS, Abhirami Arthanari. Tooth Anatomy in Dental Education: a Better Way to Replicate Dental Morphology. Journal of Morphological Science. 2023 Sep;40:215-219.
13. Deepak Anil, Dr. Sunil Kumar D, Annaram Ravali, Vijaylakshmi Rao Vadaga, Mr Arun Gopi. Upshots of health education among patients with type 2 diabetes mellitus: A field study in Mysuru. Journal of Integrative Nursing. 2023;5(4):250-255.
14. Dr Jagadish Kumar K, Sangeetha Balaji, Dr Praveen Kulkarni, Dr Manjunath V G, Nandish Huchhabanahalli Rudrappa. Vitamin B12 Status In Rural Adolescent School Girls In Mysuru, India: A Community-based Cross-sectional Study. Indian Journal Of Community Medicine. 2023;48(5):794-797.
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16. Siva Bonthada, Sankar Pariserum Perumal, Poornanand Purushottam Naik, Mahesh A Padukudru, Jeny Rajan. An automated deep learning pipeline for detecting user errors in spirometry test. Biomedical Signal Processing and Control. 2024 April;90:105845.
17. Dr. Amitabh Kishor Dwivedi. Application of the ICF on students with disabilities at school in India. International Journal for Multidisciplinary Research. 2024 Mar;13(3):1-7.
18. Dr. Basavana Gowdappa H, Dr. Praveen Kulkarni. Changing Roles of Medical Teachers in the Era of Competency-based Medical Education. APIK Journal of Internal Medicine. 2024 Jan;12(1):1-3.
19. Timothy B Fisher, Geetanjali Saini, T S Rekha, Jayashree Krishnamurthy,Shristi Bhattarai, Grace Callagy, Mark Webber, Emiel A M Janssen, Jun Kong,Ritu Aneja. Digital image analysis and machine learning-assisted prediction of neoadjuvant chemotherapy response in triple-negative breast cancer. Fisher et al. Breast Cancer Research. 2024 Jan.
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24. Dr. Anand R, Dr. Kishor M, Dr. Murali M R. Importance of Geriatrics in Psychiatric postgraduate education. Digital Journal of Clinical Medicine. 2024 Jan;5(5):2582-3868.

25. Ravi Kumar Satish, Dr Pushpa N B. Introduction of Cytogenetics in Anatomy Postgraduate Teaching-bridging Genomic Knowledge with Anatomical Comprehension. National Journal of Clinical Anatomy. 2024;13(1):1-3.
26. Suresh Kanna Subramaniam, Pushpalatha Kunjappa Gounder, Ammar Abdul Razzak Mahmood, Harishchander Anandaram, Georgiy Georgievich Polevoy, Muthu Prasanna Pichandy. Machine learning's impact on medical education and research: beneficial or detrimental? International Journal of Public Health Science. 2024;13(3)1-13.
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29. Dr Kishor M. Psychiatry Training in Competency-Based Medical Education: What to Teach? How to Teach? Indian Journal of Psychological Medicine. 2024;46(2):101-102.
30. Dr. Amitabh Kishor Dwivedi. Reliability, Floor and Ceiling effect of the school readiness inventory for preschoolers with Autism Spectrum Disorder. International Journal of Scientific Research. 2024 March;13(03):2277-8179.
31. Dr. Amoghashree, Dr. Sunil Kumar D, Dr. Rashmi S. Transforming Dermatology: Benefits Of Artificial Intelligence On Diagnosing And Managing Skin Diseases In School Children. Paripex - Indian Journal of Research. 2024 Mar;13(3):113-114.
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5 GENDER EQUALITY



यत्र नार्यस्तु पूज्यन्ते रमन्ते तत्र देवता:।
यत्रैतास्तु न पूज्यन्ते सर्वास्तत्राफला: क्रिया:।।



WHERE WOMEN ARE HONORED , DIVINITY BLOSSOMS THERE
AND WHERE THEY ARE DISHONORED , ALL ACTION REMAINS UNFRUITFUL.

जहाँ स्त्रियों की पूजा होती है वहाँ देवता निवास करते हैं और जहाँ स्त्रियों की पूजा नहीं होती है, उनका सम्मान नहीं होता है वहाँ किये गये समस्त अच्छे कर्म निष्फल हो जाते हैं।

Contributors



Dr Vinutha SP
Associate Professor
Dept of Pharmacology



Dr Vidya C S
Professor and Head
Dept of Anatomy

Gender Equality: A Path to a Fairer World

Gender equality is a fundamental principle that asserts everyone, regardless of gender, should have equal rights, responsibilities, and opportunities. It is essential not only for achieving social justice but also for fostering economic development and improving the quality of life for all individuals. Here's a comprehensive look at why gender equality matters and how we can work towards it.

The Importance of Gender Equality

1. Human Rights
2. Economic Growth
3. Improved Quality of Life
4. Social Cohesion
5. Current Challenges

Despite progress, many challenges remain:

- **Workplace Inequality:** Women often face barriers to equal pay, career advancement, and representation in leadership roles. Gender pays gaps persist, and women are underrepresented in many high-paying industries and executive positions.
- **Educational Disparities:** In some regions, girls and women still lack access to quality education and training. This limits their ability to compete in the job market and achieve their full potential.
- **Violence and Harassment:** Gender-based violence and harassment remain widespread problems that affect individuals' safety and well-being. Addressing these issues requires comprehensive legal and social reforms.
- **Cultural Norms:** Persistent stereotypes and cultural norms often limit individuals' opportunities based on gender. Challenging and changing these norms is essential for achieving true gender equality.

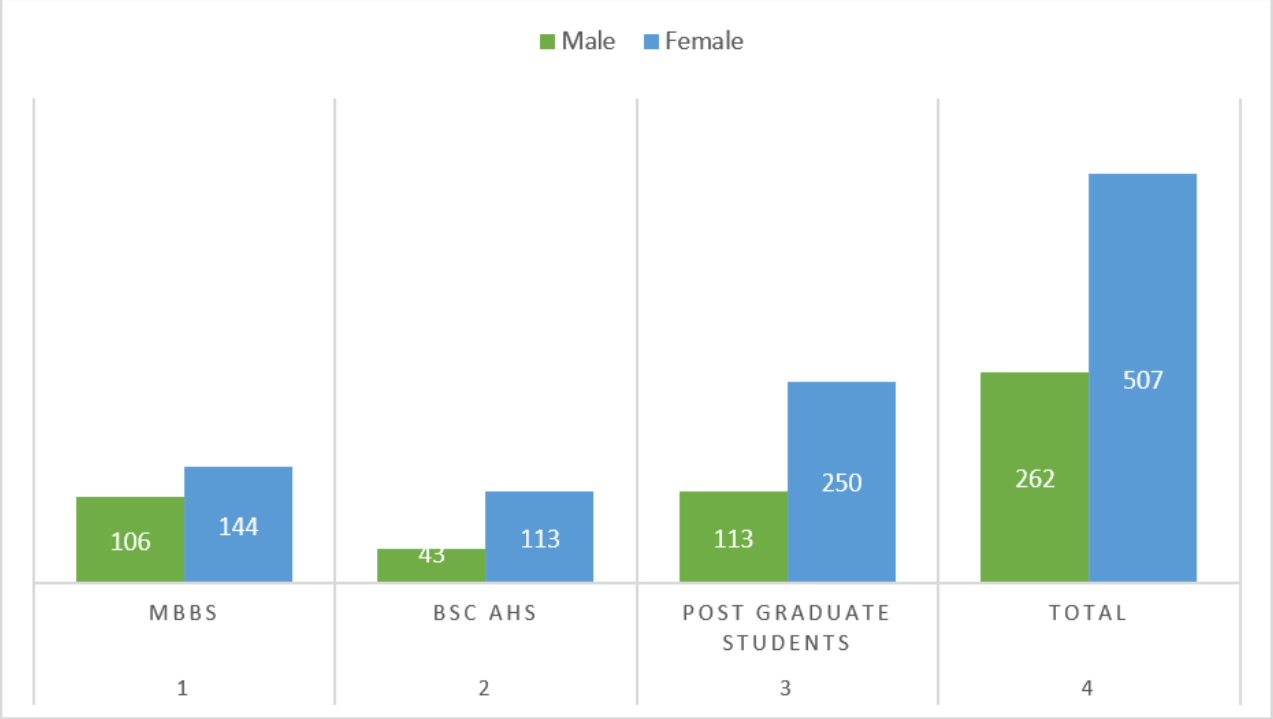
Pathways to Achieving Gender Equality

- **Education and Awareness:** Promoting gender equality starts with education. Raising awareness about gender biases and stereotypes helps change attitudes and behaviours. Educational programs should include discussions on gender equality from an early age.
- **Policy and Legislation:** Governments play a crucial role in advancing gender equality through laws and policies. This includes enforcing equal pay laws, implementing family leave policies, and creating protections against gender-based violence.
- **Support for Women in Leadership:** Encouraging and supporting women to take on leadership roles can help bridge the gender gap in executive positions. Mentorship programs, networking opportunities, and supportive workplace cultures are important.
- **Community Engagement:** Grassroots movements and community organizations are vital for advocating gender equality and driving local change. Engaging men and boys in the conversation is also crucial for creating a more equitable society.
- **Intersectionality:** Recognizing that gender inequality intersects with other forms of discrimination, such as race, class, and disability, helps address the unique challenges faced by different groups. An intersectional approach ensures that solutions are inclusive and equitable.

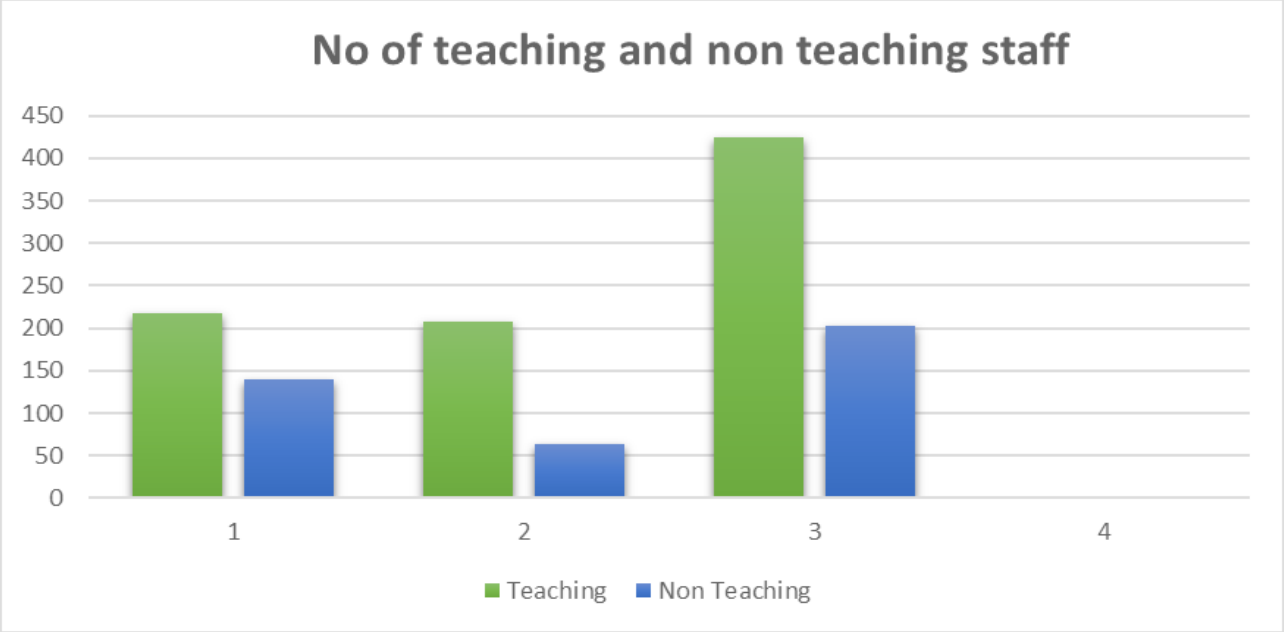
Index of content in SDG 5



Healthy gender ratio adequately maintained in the Institution



No of Male and female students of JSS Medical College



No of Male and female non- teaching faculty of JSS Medical College

Proportionate representation of women in various Academic position

 Dr Suma M N Vice principal Pre -Clinical Professor of Biochemistry Dean Faculty of Biomedical Sciences, JSSAHER Chairperson of ICC,JSS AHER	 Dr Rajeshwari L Professor and Head Department of Physiology	 Dr Vidya CS Professor and Head, Anatomy Member Secretary of ICC Vice President of KCA Joint editor of JCAR journal EC member of ASI
 Dr. Akila Prashanth Professor and Head Department of Biochemistry Head of Genetic lab JSS Hospital Mysore	 Dr Sheeladevi CS Professor &Head Department of Pathology	 Dr Tejashree Urs Professor and Head Department of Microbiology Chairperson for literary committee
 Dr Mamtha S Professor & Head Department of OBG Regional faculty for DIPSI INDIA	 Dr Bharathi MB Professor &Head Department of ENT	 Dr Archana KN Professor &Head Department of Anaesthesiology



Dr Pratibha Periera
Professor &Head
Department of Geriatrics
Technical committee member for the accreditation of ethics committee by NABH



Dr Brinda Basavaraj
Professor &Head
Department of Emergency Medicine



Dr Jayashree Mahesh
Professor &Head
Department of physical Medicine & Rehabilitation



Dr Pushpalatha K
Professor
Department of Anatomy
Co-convener of Medical Education Unit. Member Secretary, CCLPE



Dr Rajalakshmi R
Professor
Department of Physiology
Member of American Physiological Society



Dr Vijaya B
Professor of Pathology
Research coordinator for the MoA , Institute of Applied Dermatology, Kasargod, Kerala,
Chairperson of ICC



Dr Suma K B
Professor
Department of OBG
EC Member of Mysore OBG society



Dr Sumana M N
Professor of Microbiology
Member- Clinical infectious Disease society of India



Dr Suchita S
Professor of Pathology
KCIAPM, Executive committee member
Member of ICC



Dr Renuka M
Professor of Community Medicine
Deputy controller of Examinations



Dr Madhu B
Professor of Com.Medicine
Deputy Dean Research, JSSAHER



Dr Kalabharathi H L
Professor of Pharmacology
Chairman of Cultural Committee



Dr Deepa Bhat
Professor of Anatomy
Genetic Counsellor
Member - Board of Studies, Yenepoya University
Joint Secretary, Hemophilia Federation India- Mysore Chapter



Dr Rashmi P Mahale
Associate Professor
Department of Microbiology
Head- Quality department
Secretary, HICC, JSS Hospital



Dr Jayshree S
Associate Professor
Department of Obstetrics and Gynaecology
Vice President of Mysore OBG Society



Dr. Pratibha Matche
Associate Professor
Co-ordinator of Pain and Palliative care
President Elect of ISSP Karnataka chapter



Dr Preethi SP
Associate Professor of General Surgery
Joint secretary of KSC – ASICON



Dr Prathima C
Associate Professor
Department of Pharmacology
Member Secretary, IEC



Dr Vijaya Vageesh Y
Associate Professor
Department of Physiology
Co -Ordinator of Biomedical Sciences



Dr Archana S
Assistant Professor
of Anaesthesiology
Skill lab in charge, JSSAHER



Dr Smitha M C
Associate Professor
Dept of Comm. Medicine
Member Secretary of International student research cell



Dr. Pushpa N.B.
Associate Professor
Department of Anatomy
Member Secretary of literary Committee
Assistant editor of NJCA Journal



Dr. Vinutha SP
Associate Professor
Department of Anatomy
MSc Co-ordinator



Dr Nayanbai Shabadi
Assistant Professor,
Department of Community Medicine
Student Welfare Officer

4. INTERNAL COMPLAINTS COMMITTEE TO ADDRESS ISSUES RELATED TO GENDER HARASSMENT

Preamble

JSS Medical College has provided open forum to discuss the **challenges and expectations** about gender inequality, gender-based violence and the insecurity faced by women, in the college campus. The Prevention of Sexual Harassment Committee **acknowledge with gratitude**, the contributions of members of all sections of the academic community, students, teachers and staff representatives, women group and social activists. Sexual / Gender Harassment committee was constituted on 1.2.2012 at JSS Medical College. and Committee was reconstituted on October 27th 2016, August 21st 2019 and in July 2022.

Objectives

- Prevent discrimination and sexual harassment against women by **promoting gender equality** among students and employees
- Make recommendations to the Chairperson for changes in the rules for students in the prospectus and the byelaws, to make them gender-just and to **lay down procedures for the prohibition, resolution, settlement and prosecution of acts of discrimination and sexual harassment against women,** by the students and the employees.
- **Deal with cases of discrimination and sexual harassment** against women, in a time bound manner aiming at ensuring support services to the victim and termination of the harassment
- Recommend appropriate punitive action against the guilty party.

Internal complaints Committee (ICC) on Sexual Harassment of women at workplace (Reconstituted)

Sl. No.	Name	Position
1	Dr. Vijaya B Professor & Head of Pathology JSS Medical College, Mysuru - 570 015	Chairman
2	Prof. K.S. Suresh Chief executive officer JSS Law College, Mysuru - 570 023	Member
3	Dr Shilpa Mahaadevswamy Guest faculty, Department of law University of Mysore, Mysuru - 570 004	Member
4	Prof Savanth Advocate JSS Law College, Mysuru - 570 023	Member
5	Dr.M.N. Sumana Professor of Microbiology Warden, JSS Hostel for Women JSS Medical College, Mysuru - 570 015	Member
6	Dr. M Renuka Professor of Community Medicine JSS Medical College, Mysuru - 570 015	Member
7	Dr. M. N. Suma Vice Principal (Pre clinical) Professor of Biochemistry JSS Medical College, Mysuru - 570 015	Member
8	Dr. Archana Assistant Prof. of Pathology JSS Medical College, Mysuru - 570 015	Member
9	Smt. Prabhamani S.D.A Girls Hostel JSS Medical College, Mysuru - 570 015	Member
10	Dr. Anagha N. V PG in Pathology JSS Medical College, Mysuru - 570 015	Member
11	Dr Annaram Ravali PG in Community Medicine JSS Medical College, Mysuru-570015	Member
12	Ms Kashish Goyal MBBS student JSS Medical College, Mysuru - 570 015	Member
13	Ms. Amulya S MBBS student JSS Medical College, Mysuru - 570 015	Member
14	Ms. Ankitha Intern JSS Medical College, Mysuru - 570 015	Member
15	Dr. Vidya C S Professor & Head, Dept. of Anatomy JSS Medical College, Mysuru - 570 015	Member Secretary

Sensitization on awareness sessions on gender harassment and its ramifications

Faculty induction program from 13th to 15th June 2023.



Dr. Shilpa Palaksha, Associate Professor, Department of Pharmacy Practice, JSSCP, Mysuru explained what internal compliance committee (ICC) is, need to establish. She briefed a real-life story that led to the establishment of the POSH act which was passed by supreme court. She also detailed about the requirements for framing the committee. Dr. Shilpa explained what the roles and responsibilities of the ICC and sexual harassment cell. Participants were informed about welcomed act and unwelcomed act. The procedure for raising a complaint and the process of handling the complaint was explained in detail. The session was concluded with the showcasing of in-house developed mechanism for raising an issue of concern.

Dr Vidya CS, Professor and Head, Department. of Anatomy – Foundation course for I MBBS students 2023-24 batch

Topic: Sexual Harassment Prevention

Dr Vidya CS Welcomed the MBBS students (2023-24 batch) and gave introduction to to Prevention, Prohibition and Redressal of sexual harassment committee of the JSSMC. Students were explained to login to website and to check the details of committee, Indian Law on sexual Harassment, sexual harassment of women at work place ,University Grants Commission and Justice Verma Committee was also briefed She explained the Academy role and its components , definition of sexual harassment ,Objectives of the ICC committee, about behaviour zones ,What are Do's and Don'ts and ended with stop the harassment.





Awareness Session On Anti-Ragging And Prevention Of Sexual Harassment For Allied Health Sciences Students of 2023-24 Batch



Dr. Sumana M N, Professor of Microbiology, JSS Medical College, addressed the students about anti ragging and awareness on prevention of sexual harassment. She affirmed that there is absolute zero tolerance to ragging in the campus and the maintenance of strict rules and regulations regarding the same in the campus

"Capacity Building Workshop on the Role and Functions of ICC."

Dr Suma M N, Vice Principal, JSS Medical College participated as Chief Guest in the Capacity Building Workshop on role and functions of ICC at JSS Dental College, Mysuru and delivered session on functionality of ICC and the relevant guidelines on formation and execution of activities of ICC.





International Women's Day celebration at School of Public Health

The School of Public Health, JSS Medical College, organized the "Ultimate 30 Days Fitness Challenge Completion" event to celebrate International Women's Health Day. Distinguished chief guests Dr. CP Madhu, Medical Superintendent of JSS Hospital, and Dr. Usha Hegde, Professor at JSS Dental College, graced the occasion. Dr. Madhu emphasized the importance of fitness and health, while Dr. Usha Hegde shared her inspiring Mount Everest journey and distributed certificates to achievers and challenge completers.

The event featured various engaging activities based on the JSS Panchamantra, aligning with the five focus areas: Fitness Mafia, Crosswords on Nutrition, Charades on Positive Mental Health, Pictionary on Socialisation, and Treasure Hunt. These activities promoted physical activity, healthy eating, mental well-being, rest, and social interactions. The "Ultimate 30 Days Fitness Challenge" was a successful initiative by the students of the School of Public Health, promoting a comprehensive approach to health and well-being. The event highlighted the importance of integrating physical activity, proper diet, mental health, rest, and social interactions into daily life for a healthier future.



International Women's Day celebration at Dept of OBG



Head of Dept of OBG Dr S. Mamatha and Staff and colleagues proud to inform that Women's Day Celebration was held on 18.03.2024 at OBG OPD, JSS Hospital. Chief Guests were Dr Madhu CP Medical Superintendent of JSS Hospital.

LECTURE ON GENDER HARASSMENT AND ITS CONSEQUENCES FOR COLLEGE STUDENTS



Dr. Vidya C S Professor and Head, Department of Anatomy, JSS Medical College delivered lecture on the topic **"Awareness on Gender Harassment and its consequences for the college students on 30th of February 2024**

Verbal examples of sexual harassment may include making sexual comments about a person's body, making sexual comments or innuendos, asking personal questions about someone's social life, making sexual comments about a person's clothing.

Examples of non-verbal harassment include looking a person up and down ('elevator eyes'), following or stalking someone, using sexually suggestive visuals, making sexual gestures with the hands or through body movements, using facial expressions such as winking.

Instances of physical harassment include giving someone a massage around the neck or shoulders, touching another person's clothing, hair, or body, hugging, kissing, patting, touching or rubbing oneself sexually against another person.The key concept in understanding harassment is that **any overtures are unwelcome.**

Session emphasized on punishments, measures taken at JSSAHER and rules to curb gender harassment.

ACADEMIC EVENTS LIKE CONFERENCES, WORKSHOPS, SEMINARS ORGANIZED

LIVE HYSTEROSCOPY WORKSHOP WITH HANDS ON TRAINING (HYSTEROTRAINER)

The department of OBG, JSSAHER had organized a "LIVE HYSTEROSCOPY WORKSHOP WITH HANDS ON TRAINING (HYSTEROTRAINER)" on Sunday, 27th August 2023 at Sri Rajendra Centenary Auditorium, JSS Hospital, 8 AM to 5 PM. This workshop was organized to shed a light on hysteroscopy which has become an integral part of practicing gynecologists now a days.

The resource person was Dr. VIDYA BHAT Ramakrishna hospital, from Bengaluru. 152 delegates had registered for the workshop and included many gynecologists from Mysore and Mandya. Hysteroscopy allows for minimally invasive diagnosis and surgical management of endocervical and intrauterine pathology. It is considered the gold standard technique for evaluating and managing intrauterine pathology. Hysteroscopy is being provided to the needed patients in a fully-fledged manner in the department of OBG, JSS Hospital, Mysore.

The workshop was relayed from the major OT to the auditorium by a well-organized audiovisual team. Several interesting cases, around six cases were demonstrated by our resource person in live. Various cases were chaired by renowned gynecologists to make an effective communication between the audience and the operating team. There was an active participation from the consultants and post graduate students of OBG.

The live hysteroscopy workshop was inaugurated by Dr. Manjunatha B, Registrar, JSS AHER, Dr. Basavanagowdappa H, Principal, JSS Medical College, Dr. Madhu C P, Medical Superintendent, JSS Hospital, Mysore, Dr. Vidya Bhat, Bangalore, Dr. Mamatha S, Professor and Head of the department of OBG, JSSAHER. The inauguration was followed by a lecture by Dr. Vidya Bhat and Dr. Pratap T, Associate Professor of OBG, JSSMC on hysteroscopy.

Several hysterotrainers were organized for the hands-on training. Many consultants and postgraduate students made an effective use of the same. Hysteroscopy being an integral part of gynecology, the workshop had successfully shed a light on various theory and practical aspects on hysteroscopy, with an added advantage of hands on training on hysterotrainers.


Live Hysteroscopy Workshop held at JSS Hospital



SESSION ON AUB & HANDS ON TRAINING IN MERINA INSERTION

A “Session on AUB & Hands on training in Merina insertion” was organised by the department of OBG on 06.12.2023 at SRCA Lobby in association with GSK pharma. Dr. Sowmya K Associate Professor gave lecture on AUB. About 30 delegates both staff and postgraduate students underwent hands-on training Merina insertion.





WORLD MATERNAL MENTAL HEALTH DAY PROGRAM

The department of OBG had organized World Maternal Mental Health Day Program on 08.05.2024 OPD Seminar Hall, Dept. of Psychiatry, JSS Hospital. Dr. H. Basavanagowdappa, Principal, JSSMC, JSSAHER was the chief guest and Dr. C.P. Madhu, Medical superintendent, JSS Hospital participated as the guest of honor. Dr. Kishore M, Professor and HOD, Psychiatry, JSSMC, Dr. Mamatha, Professor and HOD of OBG, JSSMC delivered session on Overview of Women Mental Health and Maternal Mental Health status in India



GUEST LECTURES DELIVERED BY THE FACULTY

Dr. K.B Suma, Professor of OBG





1. Delivered guest lecture in the CME on Autoimmune Disorders in pregnancy 02.07.2023 at JP Fortune Palace, Mysuru.
2. Participated as a resource person in the talk on "Papilloma virus vaccine in prevention of Cervical Cancer in females" on 18.07.2023 at Auditorium of Trinity college, Vijaya Nagara Mysuru.
3. Participated as a panelist in the Panel discussion on Jaundice in Pregnancy on 22.07.2023 at Hotel Sandesh the Prince Mysuru.
4. Participated as Faculty & Judge ISSHP World Congress 2023 from 24th to 27th September 2023 at Bengaluru.
5. Faculty & Judge 12th Annual Conference KSC-AGOICON-2023 on 9th & 10th September 2023 at Manipal.
6. Participated as a Moderator for the topic "HEART DISEASE IN PREGANACY" from 22nd to 24th March 2024 at KIMS, Hubli
7. Participated as a Moderator in CME on the Quest on sound waves obstetrics & Gynecology on 31 March 2024 at MMCRI, Mysuru
8. Dr. K B Suma participated as a Panelist in AMOGS Emergency obstetrics committee with KSOGA Episode 8 on 06.05.2024

Dr. Hema Priya L
Associate Professor of OBG



1. Dr. Hemapriya L participated as a panelist on recurrent pregnancy loss in the CME on Autoimmune Disorders in pregnancy 02.07.2023 at JP Fortune Palace, Mysuru.
2. Participated as a guest speaker in Talk on Intrapartum and postpartum management of Cardiac disease 3rd Yuva KSOGA Conference-2023 from 5th to 6th August 2023 at Gadag.

Dr. Jayashree S, Associate Professor of OBG 	1. Dr. Jayashree S participated as a Speaker and Judge Dr. S N Kaulgud Memorial CME talk on Evidence based approach an infertile couple on 12th August 2023 at Hotel Sandesh The Prince. 2. Dr. Jayashree S participated as a Resource Faulty in Mysogus monthly meeting on the topic "Understanding male infertility Evaluation and treatment" on 24th November 2023 at Hotel Royal Orchid Metropole, Mysuru. 3. Participated as a Faculty in 66th All India Congress of OBG 2024 from 6th to 10th January 2024 at Hyderabad
Dr. Mamatha S, Professor & HOD of OBG 	1. Participated as a Resource Faculty in 19th Annual Conference KRSSDI 2023 on 16th & 17th December 2023 at Bengaluru. 2. Delivered guest lecture in MPMRT Annual Medicine Update 2024 on 12th, 13th and 14 January 2024 at MMCRI, Mysuru 3. participated as a Faculty in 6th Annual Conference of Karnataka Endocrine society Hormone Rhythm-2024 on 11th & 12th May 2024 at MMCRI, Mysuru 4. Participated as a Delegate in Live Hysteroscopy workshop with hands on training on 27.08.2023 at JSS Hospital
Dr. Sowmya K Associate Professor, OBG 	Participated as a Panelist in Dr. S N Kaulgud Memorial CME talk on Evidence based approach an infertile couple on 12th August 2023 at Hotel Sandesh The Prince.
	Delivered a talk on topic "Stress Management for Women officers of State bank of India" on 18.11.2023.

DR T S Sathyanarayana Rao
Professor Emeritus, Psychiatary







1. Delivered a guest lecture on the Topic: MSE: Basics of Interview and Examination for Sexual Dysfunctions 22nd & 23rd July 2023
2. Delivered a guest lecture in Sexual medicine committee master class series of psychosexual health session 7 on Topics: Hyper sexuality: Sexual Addiction Disorder- The Concept, Controversies & the Current Status on 28th Sept 2023
3. Delivered guest lecture in IPS National Workshop on Clinical Practice Guidelines (CPG) for Psychiatrist in India on Mental Health & Wellbeing on Topic : Sexual Wellbeing on 13.08.2023
4. Delivered a guest lecture in Emerging Psychiatric Specialties, with emphasis on Sexual Medicine on 02.10.2023 at Mangalore.
5. delivered a guest lecture on topic Female Interest Arousal Disorder from 6th to 8th October 2023 at Ahmedabad.
6. Delivered a guest lecture on Topic “Understanding Adolescent: Sexuality & Relationship” 10.10.2023 at Kolkata.
7. Delivered a guest lecture on Topic: Beyond Hormones: The Biochemistry of Love & Sex on 26.10.2023.
8. Participated as a guest Speaker in DEVACON Conference 2024 on Topic: Healthy Sexual Relationship in 60’s & beyond is Key to Good Mental, Emotional & Physical Health on 7th April 2024 at Varanasi, UP
9. participated as a Speaker & Chairperson in 75th Annual National Conference of Indian Psychiatric Society at Hotel Le Meridien, Kochi, Kerala (ANCIPS 2024) on TOPIC: Managing sexual problems, intimacy matter from 17th to 21st Jan 2024
10. Rao participated as a Speaker in Thursday Musings 177th Edition on Topic: “What, when, why & How of Sex Therapy: Principles, Process & Clinical Applications” on 01.02.2024
11. participated as a Speaker in the Federation of Obstetric & Gynaecological Societies of India - Valentine Day Celebration 2024 on Topic: Intimacy, Sex and Sensuality on 14.02.2024
12. Participated as a Speaker in the program Pro Sleep 2024 on Topic: Sleep and Sexuality: Clinical Issue on 2nd March 2024 at Apollo Multi Specialty Hospital, Chennai

Dr. Sowmyashree T  	Prticipated as a Faculty in 66th All India Congress of OBG 2024 from 6th to 10th January 2024 at Hyderabad
Dr. M Kishor, Professor & Head, Department of Psychiatry 	Expert speaker for interactive session on Balancing personal and professional life with emphasis on mental health for women at Government Women's College, Mandya on 16th Thursday May 2024.
 Dr. Virupakshi Ajjammanavar Associate Professor of OBG	• Participated as a Resource Faulty in Mysogus monthly meeting on the topic "Semen Analysis: A Systematic Approach" on 24th November 2023 at Hotel Royal Orchid Metropole, Mysuru. • Participated as a Delegate in Live Hysteroscopy workshop with hands on training on 27.08.2023 at JSS Hospital

Accolades and Milestone achieved by women faculty and students

ICMR- Collborative Centre of Excellence under leadrship of Dr Akila Prashant, Professor and Head, Dept of Biochemistry





Dr. Lakshmi Nagendra, Asst. Professor, Department of Endocrinology- Young Endocrinologist Par Excellence award by RSSDI- 14-10-2023.





Dr. Prathibha Pereira, Prof & HOD of Geriatrics

Felicitation for Outstanding contribution towards patient care among Geriatric population and in maintaining quality standards- by Mysore Art Gallery on 12th Aug.2023



Dr Vidya CS Professor and Head Department of Anatomy

Felicitation for Outstanding contribution towards teaching Anatomy on March 6th 2024- JSS Ayurveda Medical College



Dr. Vinutha S.P., Assistant Professor, Department of Anatomy

Dr. Sarvepalli Radhakrishnan Distinguished Assistant Professor Award 2023- Centre for Professional Advancement Continuous Education (CPACE), Vijayawada, Andhra Pradesh, India on 5th September 2023





Dr. Kusuma K.S., Asst. Prof. of Biochemistry

Special Appreciation for the research work at AMBICON 2023 on 14th-16th December 2023





Dr. Pallavi P, Associate Professor, Dept of Pathology

Excellence Award in Blood transfusion services by ISBTI at TRANSCON 2023 on 6th to 8th October 2023





Dr. Sujatha S R, Asst. Prof of Microbiology

International Best Researcher award at ISSN international Science and technology awards congress 2023 on 28th Oct.2023.





Dr. Bharathi M.B., Prof & HOD of E.N.T.
L.H. Hiranandani Oration award during AOICON 2024 on 4th to 5th Jan 2024



Dr Mamatha S and Dr Suma KB, Dept of OBG

Felicitation for excellent contribution towards implementation of Pradhan Mantri Surakshit Matritva Abhiyan at Mysore District- 09-02-2024



Dr. Sanjana, PG in OBG

Young Investigator Award at ISSHP, Bangalore on 24th to 27th Sept. 2023.





Special Recognitions

Participation of MSc student in G20 Ministerial Conference on Women Empowerment

Ms. Rachana B, a fourth-semester M.Sc. Medical Biochemistry student from JSS Medical College, was nominated to attend the G20 Ministerial Conference on Women Empowerment which took place in Gandhinagar, Gujarat, from 2nd to 4th August 2023. The motivational opening ceremony of the conference was led by speeches from the honourable Prime Minister Narendra Modi, the honorable Union Minister Smriti Irani, and speeches from all the ministries from various countries around the world that advocated for gender equality and stressed the importance of empowering women for a prosperous and sustainable future, keeping the theme of women-led development.


Ministry of Women and Child Development

CERTIFICATE



Selection for National Workshop on Human Disease Models by ICMR



Dr. Ranjitha Shankaregowda Gowda, Assistant Professor, Department of Microbiology, JSS Medical College is one among the 16 handpicked experts across the country from various research platforms to attend the training program funded by Department of Health Research and organised by the premier ICMR institute ICMR-NIRRCH, Mumbai on "Human disease models: approaches, advances and applications" between 6th to 31st May 2024.

Teacher for AIOS Gurusangam Dr. Soumya H.V., Associate Professor of Ophthalmology received As Teacher for AIOS Gurusangam at Delhi at All India Ophthalmic Association AIOS Gurusangam, Delhi on 18th Feb 2024.

Best Paper/ Poster Awards for Presenting Research Works in Conferences by Women faculty and students

1. Dr. Lakshmi Nagendra, Associate Professor, Department of Endocrinology was awarded with the Best Research Paper at the Annual Kerala State Endocrinology conference on 04.12.2023

2. Dr. Shweta Neminath Kurkuri, Asst. Prof. of Community Medicine received Best Paper Award at KACH, Bangalore during 11th & 12th August 2023

3. Dr. Vinutha S P received the Best Oral Presentation award for the topic "Omphalocele and Gastroschisis" in the 4th international e-conference on "Beyond Boundaries: Exploring Excellence in Basic Medical Sciences" organized by AVMCH, Puducherry held from 13th to 15th December 2023.

4. Dr. Shweta Neminath Kurkuri & Dr.Sunita Singh, Asst. Prof. of Comm. Medicine received Best paper award- First place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023.

5. Dr. Shwethashree M & Dr. Rashmi S, Asst. Prof. of Comm. Medicine received Best paper award- Second place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023.

6. Dr. Preeti Prakash Prabhu, PG in Medicine received Best Paper (Oral Presentation) – first prize Paper presentation on the Topic Association between Cardiac Autonomic Dysfunction and Type 2 Diabetes Mellitus at KRSSDI, Bangalore on 16th & 17th Dec.2023.

7. Dr. Lakshmi Nagendra, Assistant Professor, Department of Endocrinology, JSS Medical College, Mysuru has presented an Oral paper titled "Cost effectiveness of FRAX – based intervention thresholds for management of osteoporosis in Indian Women" and won the First Prize in the 19th Annual National Conference held at Indian Society for Bone and Mineral Research (ISBMR), Chennai on 10th & 11th February 2024.

Accomplishment of students in literary activities

- Dr. Apoorva, Dr. Kusuma, PGs in O.B.G. received first prizes in quiz and Dr. Srinidhi received Second prize in quiz at KSOGA (Online) on 19th April 2024.
- Ms. Yashika Sharma, a Phase III Part II MBBS Student of JSS Medical College, has won *'First Prize'* in Essay Competition organised by "JSS Law College Hostel for Women, Mysore". Ms. Yashika has also won a *cash prize of Rs.3000* for the same. The topic of the competition was either on "Women from Home Maker to Parliament, a Struggle for Success" or "Role of Women as a Single Parent in Present Scenario"

PUBLICATIONS

1. Padmalatha K, Prathap Kumar J, Vidya C. S, Prakash B.S, Renuka Ramaiah. A study of morphology and morphometry of human placentae in south India. GIS Science Journal. 2023 Sep; 10(8):787-804.

2. Aninditha Saha, Sapna Patel M. C., Harish Srikantegowda. A Study of p53 Immunostaining in Breast Carcinomas: Correlation with Histopathological Prognostic Factors. Indian Journal of Forensic Medicine and Pathology. 2023 Dec; 16(4).

3. Thippeswamy Honne Manjunathappa, Devananda Devegowda, Nanditha Kumar Mysore, Prashanth Vishwanath, Prashanth Sathya Narayana. Association between drinking water fluoride and the serum alkaline phosphatase and phosphate levels in pregnant women and newborn infants. Dent Med Probl. 2023 Oct-Dec; 60(4):569-575.

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5. Narasimha Murthy Beeraka, Jin Zhang, Di Zhao, Junqi Liu, Chinnappa Au, P R Hemanth Vikram, Priyanka Sivaprakash, Namitha Bannimath., Prasath Manogaran, Mikhail Y Sinelnikov, Gurupadayya Bm, Ruitai Fan. Combinatorial Implications of Nrf2 Inhibitors with FN3K Inhibitor: In vitro Breast Cancer Study. Current Pharmaceutical Design. 2023; 29(30):2408-2425.

6. Baladhandapani Aruchamy, Mahadevaswamy G Kuruburu, Venugopal R Bovilla, SubbaRao V Madhunapantula, Carmelo Drago, Sonu Benny, Aneesh Thankappan Presanna, Prasanna Ramani.

Design, Synthesis, and Anti-Breast Cancer Potential of Imidazole–Pyridine Hybrid Molecules in Vitro and Ehrlich Ascites Carcinoma Growth Inhibitory Activity Assessment in Vivo. ACS Omega. 2023 Oct; 8(43):40287-40298.

7. Jumana Haseen, Kalabharathi H L, Manu Gangadhariah, Bharanitha R, Satish A M, Pushpa V H, Chandan S, Sai Chakith M R. Drug utilization study in patients of obstetrics and gynaecology ward of a tertiary care hospital. Journal of clinical otorhinolaryngology head and neck surgery. 2023; 27(2):2545-2556.

8. Sudha Bakthavathsalam Sreenivas, Pranav Balaji Kashyap. Effects of Obesity on Severity of Menopausal Symptoms in Urban and Rural Women. Journal of Mid life health. 2023 Oct-Dec;13(4):304-309.

9. Syed Baker, Raj S Niranjan, K Manju, H K Ranjini, H Shayista. Efficacy of Breast Milk Components against Microbial Pathogens to Combat Drug-resistance. The Microbe. 2023; 1:1-10.

10. Anupama Marnal B A, Virupaksha Ajjammanavar, Sumuk M. S Mamatha S Jayashree S, Poornima M. Efficacy of metformin and insulin in the management of gestational diabetes mellitus: A comparative study. Journal of Krishna Institute of Medical Sciences University. 2023 July-September; 12(3):104-112.

11. Ganesh Govinda Gowda, Maureen Tigga, Ravikumar Banavase Ramesh. Endovascular Management of Bilateral Renal Angiomyolipoma in a Perimenopausal Woman.Jornal Vascular Brasileiro. 2023 Aug 28:22:e20200067.

12. Hitesh Kumar, N Vishal Gupta, Rupshee Jain, SubbaRao V Madhunapantula, Saravana Babu, Surajit Dey, Anshita Gupta Soni, Vikas Jain. F3 peptide functionalized liquid crystalline nanoparticles for delivering Salinomycin against breast cancer. International Journal of Pharmaceutics. 2023 Aug 25:643:123226.

13. Maureen P Tigga, K B Suma, Shrunga R P, Salu Thampi Olickle. From morning sickness to morning blues Oman Medical Journal. 2023 Aug.

14. Rohini H N, Pushpanathan Punita, Prasanna Kumar Santhekadur, M V Ravishankar. Gestational Diabetes Mellitus – The Modern Indian Perspective. Indian J Endocr Metab. 2023; 27(3):387-393.

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16. Pradeep Kumar P C, Princy P J, Manohar J S, M Kishor, Pandey MK. How men with alcohol use disorder perceive communication, couple satisfaction, relational boredom, and quality of life compared to wives: Findings from a hospital-based study. Journal of Ethnicity in Substance Abuse. 2023 Sep; 11:1-2.

17. Usha Kasar, Amitabh K Dwivedi, Prashant M Khandare. Impact of Occupational Therapy Interventions on Sexual Dysfunction in Epilepsy: A Case Report. Cureus Journal of Medical Science. 2023; 15(12):1-5.

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6 CLEAN WATER AND SANITATION





शं नो देवीरभिष्टय आपो भवन्तु पीतये।
शं योरभि स्रवन्तु नः॥

संस्कृतVerses

May the water containing divine virtues be beneficial and happy for us in every way. May he fulfill aspirations and grant good health.

संस्कृतVerses

दैवीगुणों से युक्त आपः जल हमारे लिए हर प्रकार से कल्याणकारी और प्रसन्नतादायक हो। वह आकांक्षाओं की पूर्ति करके आरोग्य प्रदान करे।

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INTRODUCTION



SDG 6 emphasizes the importance of integrated water resources management, protecting ecosystems related to water, and supporting the participation of local communities in water management.



This commitment enhances the college's social responsibility and strengthens its role in advancing global health goals.

SDG 6 aims to ensure the availability and sustainable management of water and sanitation for all by 2030.

Access to clean water and adequate sanitation is fundamental to human health, economic development, and environmental sustainability.



Adopting SDG 6 is crucial for JSS AHER as it directly aligns with the institution's mission to promote public health and well-being. Access to clean water and sanitation is essential for preventing waterborne diseases, reducing hospital-acquired infections, and ensuring a safe and hygienic environment for both patients and healthcare workers.



ACTIVITIES ALIGNING TO SDG 6

JSS Medical College has a structured policy for green campus and maintenance of sanitation in the college and hospital premises.



Water conservation program

- Sensitizing the staff and students
- Cutting back on car washing
- Irrigation Techniques and Duel Flushing Systems

Recycle programs

- Green waste as fertilizer
- Food Waste reduction through self-service
- Waste water treatment

Green Policy for the use of papers

- Double side printing
- Use of E- tapaal for internal communication

AVAILABILITY OF CLEAN DRINKING WATER FOR STUDENTS, FACULTY, PATIENTS AND VISITORS

The JSS Medical College and Hospital campus is equipped with advanced Reverse Osmosis (RO) water systems to ensure that students, staff, and visitors have access to safe drinking water. We have two RO systems with a capacity of 500 liters per hour (LPH) installed across the college campus, and three RO systems with a capacity of 300 liters per day (LPD) installed in the boys' and girls' hostels.

To maintain the quality and safety of the water produced, we adhere to a stringent maintenance and testing regimen. Our RO plants are subject to regular maintenance to ensure optimal performance. The Department of Water and Environmental Science at JSS School of Life Sciences, Mysuru conducts routine quality testing of water from all sources. This testing follows the APHA (American Public Health Association) 23rd edition guidelines for chemical parameters and includes microbiological sampling to confirm the potability of the water. All sources of potable water on the campus, including those from the RO systems and borewells, are tested twice a year. This thorough testing process ensures that the water provided meets the required quality standards and is safe for consumption.We are committed to the health and well-being of our campus community, and through these measures, we aim to provide clean and safe drinking water at all times.



Safe water facilities at medical college and hospital premises

CHLORINATION OF WATER SUPPLY SOURCES

Chlorination is a crucial process in providing clean and safe water which supports health by preventing waterborne diseases and improving overall public health.

At JSS Medical College and Hospital the chlorination of water is a key initiative aimed at enhancing health and safety of patients, staffs and visitors. To ensure that our water supply is free from harmful pathogens, a rigorous chlorination process is implemented.

Chlorination is applied to the sources to ensure water safety before it reaches the storage tanks and sumps.

Pre-chlorination assessment is done to determine the quality of water. Chlorination process is implemented to disinfect the water stored in collection tanks and sumps. Assessments are carried out regularly to evaluate system's efficiency and quality of treated water. Regular inspections of chlorination equipment and systems are undertaken to prevent malfunctions and ensure optimal performance.

CHLORINE WATER TANK



WATER CONSERVATION PROGRAM

Sensitizing the staff and students

The students arriving on campus and at the hostels are sensitized about water conservation in their orientation meetings. Printed stickers/labels with the slogan *'Save Water'* are fixed in strategic places of the college and hostels.

Cutting back on car washing

The vehicles on the campus are washed based on the real needs rather than regular washing to save water.

Irrigation Techniques and Duel Flushing Systems

The gardens are irrigated with *sprinkler* systems to save the wastage of water in plantations.

SUSTAINABLE WATER EXTRACTION TECHNOLOGY

RAINWATER HARVESTING

Rainwater harvesting collection tank of 30,000 liters storage capacity.

10 no's of Groundwater & bore well recharge pits and infiltration tank of about 15,000 liters capacity.

STP of 25 KLD capacity by using SWR technology has been installed for treating sewage & kitchen wastewater of PG Guest Hostel & the treated water is used for the gardening area developed surrounding the building.

One tank of 10,000 liters capacity is made for reuse of RO rejected water for gardening purposes

Water sprinklers are in place



RAIN WATER HARVESTING COLLECTION (SUMP) STORM WATER DETENTION POND





SEWAGE TREATMENT PLANT





SECONDARY CLARIFIER





WATER TREATMENT PLANT



THE SMALL-SCALE SEWAGE TREATMENT PLANT



Facility for Reverse Osmosis (RO)









SANITATION & HYGIENE

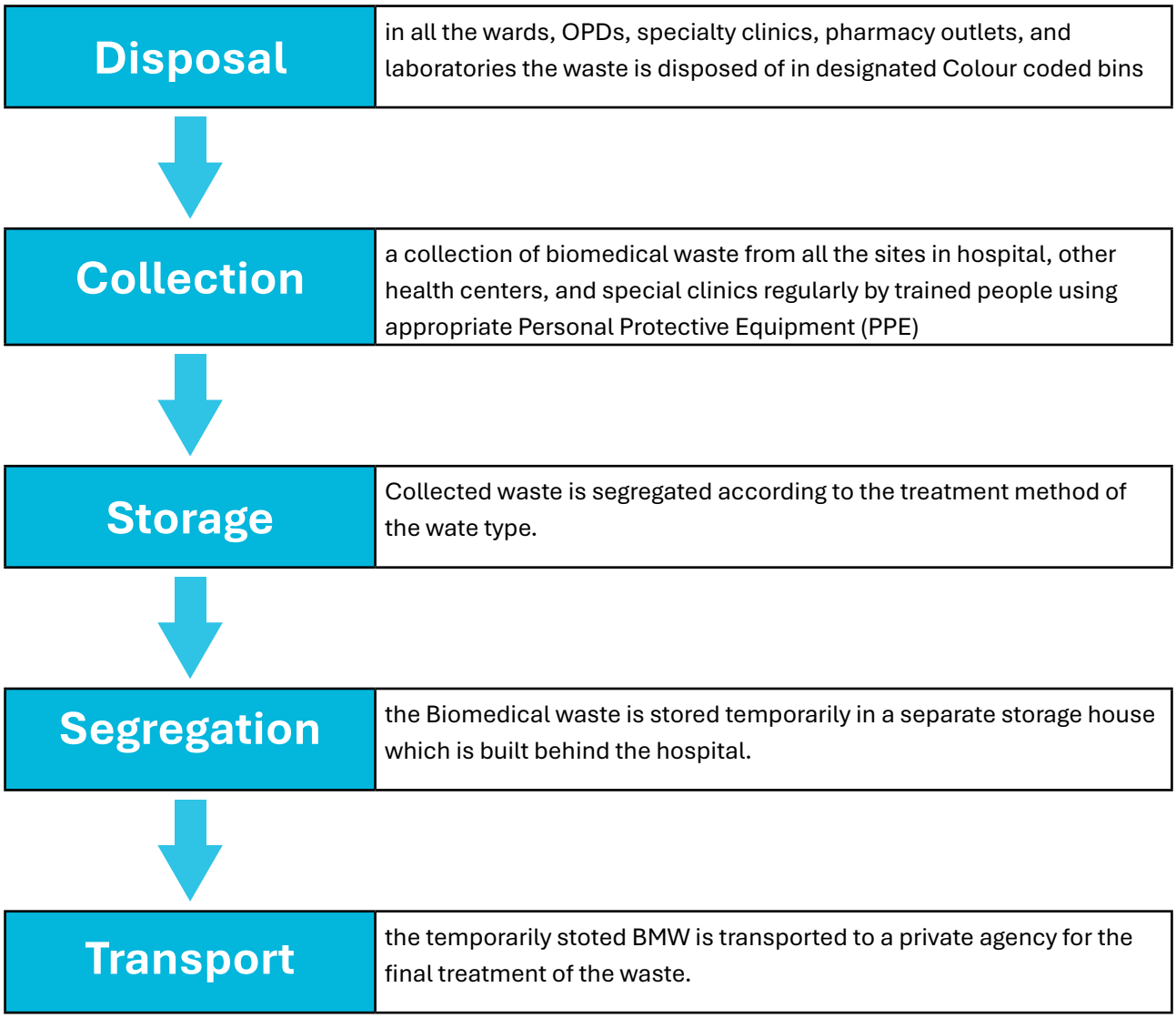
WASTE MANAGEMENT & POLICIES OF JSS MEDICAL COLLEGE SUPPORTING SDG 6

1. **Biomedical waste management**

Biomedical waste management in the JSS hospital, Medical College, and allied health centers follows the Biomedical Waste Management Rules 2016.

Generated Biomedical waste in health centers follows the following step before it is treated.

The BMW waste treatment services are availed from a private agency M/s. Shree Consultants since 2003. The JSS Hospital website displays month-wise how much BMW is generated from the hospital.



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BIOMEDICAL WASTE DISPOSAL SIGNAGE



DISPOSAL BINS IN PROCEDURE ROOM





2. **General waste**
    1. Segregation and collection of dry and wet garbage are in practice.
    2. Color-coded dustbins are provided across the campus.
    3. Waste collection by municipal lorries regularly from all the sites.
    4. Swachh Sarvekshan posters are put up in various places in the hospital, medical college, and hostel premises.

BIOMEDICAL WASTE DISPOSAL BINS
(Color-coded dustbins and covers

Display of waste categories to the respective bins)



Separate colour-coded dustbins for wet and dry waste



Sign-board with instructions on using dustbin

3. **Sanitary napkin disposal**



At the girl's hostels of JSS Medical College, there is provision for safe disposal and treatment of sanitary napkins. Installed sanitary napkin incinerator in the hostels.

4. **Liquid waste from laboratories**.

The liquid waste generated from the clinical laboratories is disposed of safely by the hospital. there is an Effluent Treatment Plant (ETP) in the hospital to make wastewater from the hospital safe to dispose of in the general drainage system.

Hand hygiene

i. Hand sanitizers are placed at various places in hospital, Medical College, and hostels with appropriate sanitizer dispensers placed**.**





ii. Hand washing technique: this is a skill taught to the undergraduate students and assessed on the appropriate technique of hand washing and the importance of hand hygiene in the prevention of the disease spread.

BMW STATUS 2023-24

Month-wise Update and display of BMW waste of different category in JSS Hospital website

BIO-MEDICAL WASTE STATUS JULY 2023 TO JUNE 2024

Month	Yellow Bags in Kgs/Month	Red Bags in Kgs/ Month	White Bags in Kgs / Month	Blue Bags Kgs / Month
July 2023	3853	2422	227	810
August 2023	3887	2577	294	934
September 2023	3083	2324	284	922
October 2023	3247	2041	287	1012
November 2023	3200	2039	284	926
December 2023	4068	2295	283	1019
January 2024	4148	2269	283	1224
February 2024	2942	2254	203	1225
March 2024	3618	2115	242	1036
April 2024	3705	2156	298	1246
May 2024	3920	2424	274	1384
June 2024	4243	1392	321	2617
Total	**43914**	**26308**	**3280**	**14355**

RECYCLE PROGRAMS

- Green wastes, like tree and bush trimmings, are composted and reused for fertilizer and preparation composts.
- Food waste is also cut down by implementing self-serving of food by the students, so they aren't tempted to waste food. Further, the food remains are collected systematically and used for preparing composts manure in the dig wells which is used for gardening purposes. Hazardous solvent systems are recycled/ disposed of safely.
- The wastewater from the utility areas of the hostels and the college are subjected to treatment before being flushed into the public drainage system.

GREEN POLICY FOR THE USE OF PAPERS

- The college encourages the practices like double-sided printing and the usage of one-side papers for taking printouts.
- All the internal notifications and circulars are communicated in electronic formats (e-Tapaal).

ACADEMIC ACTIVITIES RELATED TO SDG – 6

Focus on Undergraduate students

- **Visit Water purification plant**: Students of MBBS Phase III Part I are taken for a visit to a large-scale water purification center during their Community Medicine department posting. They learn about the purification techniques of water on a large scale, chlorination of water, and distribution of safe drinking water on a large scale. They also visit the Public Health laboratory on the premises of water works, where they learn about water quality surveillance.
- **Public Health laboratory at the Department of Community Medicine**: the MBBS students are taught about the identification of chlorine demand in water, different disinfectants used in water disinfection at the household level, and identification of the amount of residual chlorine using a chloroscope.
- **Hand Hygiene technique**: In the department of Microbiology the undergraduates are taught about hand washing techniques and the importance of hand hygiene.
- **Biomedical Waste Management**: In the department of Community Medicine and Microbiology, the students are taught practical skills of disposal, segregation, transport, and treatment of biomedical waste
- **Environment and Health**: The BSc Allied Health sciences students are taught for one complete semester on different aspects of environment affecting the health. Includes water purification, solid and liquid waste management, Biomedical Waste Management, Sewage treatment, Excreta disposal, etc.

Focus on Postgraduate students

- **Water Surveillance:** the MD Postgraduates, Master in Public Health (MPH), and MSc Microbiology students are trained in regular water surveillance for detection of water quality assessment, fecal contamination of water, chlorine content, chlorine demand etc.
- **Outbreak investigation:** investigation and reporting of water borne disease outbreaks, i.e. Typhoid, GE, etc is taught to the Community Medicine and Public Health post graduates.
- **Stool examination:** the postgraduates are taught and assessed about stool examination techniques to identify the ova and cyst in the stool.
- **MTech in Health Science and Water Engineering**: Students from the Master of Technology are taught about water and related diseases

OUTREACH ACTIVITIES

"Swachhata Hi Seva" – 01-10-2023

"Swachh Bharat Abhiyan" was conducted to disseminate the importance of a "**Sampoorna Swachh Bharath**, to reinforce the concept of sanitation as everyone's business. To prelude **"Swachh Seva"** activities, many students and faculty volunteers from JSS Academy of Higher Education and Research, Mysuru conducted cleanliness activities on 1st October 2023 between 9:30 am-11:30 am.

The program involved the commissioner, deputy mayor, and regional corporator of Mysuru city corporation who actively took part and supported the whole event. The program was started with the felicitation of the corporation authorities by Dr.Praveen Kulkarni, Vice-Principal, JSS Medical, and Dr.Krishna K.L., NSS Programme Officer, JSS AHER College Mysuru.

Dr.Praveen Kulkarni passed the initial remarks about the importance of cleanliness in the health professions by reiterating the significance of the prevention of various communicable and non-communicable diseases. Subsequently, the formal inauguration of the cleanliness drive was marked by the deputy mayor by initiating the cleaning activities at the entrance of JSS AHER. Twenty-five student MBBS NSS volunteers and 10 faculty from JSS MC actively participated in the event and cleaned the streets and parks by plogging various

degradable and non-degradable substances in areas coming under the jurisdiction of Sri Shivarathreeshwara Nagara.

The activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru; and the administrative officer JSS Medical College, Mysuru. Dr. Krishna K L, NSS programme officer JSS AHER was instrumental in conducting this whole event. The program was supervised and coordinated by NSS program officers NSS unit, JSS Medical College, Mysuru.



Shramadaan at K R Mills by JSS Medical College, Mysuru – 09-03-2024



As part of Family Adoption Program, along with NSS, **"Shramadaan"-** Giving Back to community- activity was organized on 9th March 2024 at K R Mills colony, Hanchya PHC, Mysore. As part of the program 1st year MBBS students were involved as NSS volunteers and carried out cleaning of the premises of KR Mills Subcentre, Government Model Higher primary School, KR mills and Government High School, K R mills. The students also gave health education to school students on importance of segregation of dry and wet waste at household level, personal hygiene and hand hygiene. Dr.Shwetha Kurkuri, Dr.Sunitha Singh, Senior Residents, Dept of Community Medicine, Dr.Amoghashree, Asst.Prof., Dept. of Community Medicine, Dr.Ravishankar, Asst.Prof., and NSS Co-ordinator, Dept. of Anatomy, JSS Medical College, Mysuru along with Post graduates from the Dept. of Community Medicine, JSS Medical College, coordinated the whole event. Support was also extended by Dr.Sunil Kumar D, HOD, Dept. of Community Medicine, JSS Medical College, Gram Panchayat, Siddlingipura, Dr.Ravidra, Medical Officer, Hanchya PHC, Mysuru for the event.

Observation of Adolescent Day – 01-08-2023



Department of community Medicine, JSS Urban Health Center, JSS Medical College, Mysuru observed Adolescent day in association with Inner wheel club of Mysuru Gold. A Programme was organized to create an awareness on Menstrual Health and Hygiene to girls studying in 5th to 10th standard of Government Higher Primary school and Government High School Yadavagiri, Mysuru at Yadavagiri school premises on 01.08.2023.

Dr Rama H.V, Lady Medical officer of JSS Urban Health Center gave a talk on Menstruation, Menstrual hygiene, Adolescence Managing Problems during adolescence. This was followed by question and answer session and queries from students were clarified. The Hygiene kit including 10 sanitary napkins, toothpaste, tooth brush, soap were distributed to the school which was sponsored by Inner wheel club of Mysuru Gold.

Smt. Uma Anil, President, Smt Vijayalakshmi secretary of Inner wheel club of Mysuru Gold, Sri. Mahesh, Head Master, Government High School, Smt Nagaveni, Head Mistress Government Higher Primary School yadavagiri and their staff, Medico social students, were present during the event.40 girls attended and gained the knowledge through the programme. Sri. Santhosh, Health Inspector, Sri Sunil, Health Assistant. Sri. Mallikarjuna swamy, Social Worker. coordinated the Programme.

Health Awareness Programme on Menstrual and Personal Hygiene

On 27th December 2023 the JSS Medical College NSS unit JSS MC, fuelled with compassion and a commitment to social well-being, embarked on a journey of awareness and education. Our activities began at 10:30 AM, as we visited the apartments at Rajarajeshwari Nagar, Mysuru armed with compelling charts, images, and motivational quotes. Our mission was to shed light on the crucial topics of HIV/AIDS prevention, communicable diseases, personal hygiene, and the problems related to drug and alcohol abuse. Students were engaged in the community interactions by spreading awareness, and igniting crucial conversations with the public. At 11:30 AM, our focus shifted to empowering young girls at a government high school. Dr Rama, medical officer, at JSS Urban Health Centre, Mysuru was instrumental in conducting this event at government high school. This activity was supported by Mr. Santhosh, health inspector JSS UHC, Mysuru. Ms.Sanya Sathish, delivered a comprehensive talk by sensitizing the young girls about menstruation and its hygiene. We delved into the often-silenced topic of menstrual hygiene, normalizing the conversation, and educating young girls about this essential aspect of their personal health. Dr.Rama, formally initiated the process of free sanitary pad distribution.





Menstruation and Menstrual Hygiene – 19-06-2024

JSS College of Nursing in association with JSS Urban Health Centre, Department of Community Medicine, JSS Medical College, Mysuru had organised an awareness programme on *" Menstruation and Menstrual Hygiene"* For girls of Government High School, Bamboo Bazaar on *19-6-2024*. Dr H.V. RAMA*, Lady Medical Officer, JSS UHC who was the chief guest, spoke about the importance of Menstrual Hygiene.

Earlier students of JSS College of Nursing, gave awareness about Menstruation, various types of pads available, including Menstrual cup and Menstrual Hygiene. Smt. Pushpavathi, Government High School, Headmistress, Smt. Elizabeth and Smt Sandhyarani, Faculties of JSS College of Nursing, 52 High School girls, 45 students of JSS College of Nursing, and staffs of JSS UHC attended the programme.





School Health Appraisal program

Every year around 12,000-15,000 school and college students' health appraisal is conducted by the Department of Community Medicine, JSS Medical College. During this appraisal program, there are separate health cards for primary school, middle and high school, and college students. These health cards also depict the pictorial message about hand washing techniques and personal hygiene methods.The students are also educated about personal hygiene, menstrual hygiene, and environmental hygiene (school & domestic).







Handwashing picture is depicted in School Health Appraisal cards

- In the schools along with health check up, children were educated about hand washing technique and importance of hand hygiene.





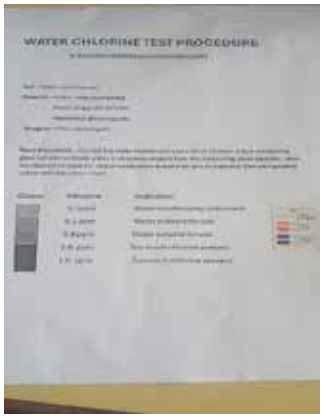
Projects, Publications and Presentations undertaken related to SDG 6

Research Projects	Publications	Presentations in Conference
Ongoing research on the Evaluation & comparison of serum calcium, Magnesium, Phosphate, Alkaline Phosphatase, Vitamin-D, and Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO and High Fluoride drinking water by Dr. Devananda D. Paediatrics, JSSMC in collaboration with JSS Dental College, funded by ICMR. Funding amount of 20.41 lakh, for 2 yrs from Dec 2022	Sarumathi Dhandapani., Haritha Madigubba., Deepashree Rajshekar., et al. Comparison of hand hygiene compliance among healthcare workers in Intensive care units and wards of COVID-19: A large scale multicentric study in India. American Journal of Infection Control. 2023 ** Yara A Alnashwan., Syed Sarmad Javaid., Magdy A Kharoshah.,et al. Incidence and Comparison of Suicide in Various Phases of the Menstrual Cycle: a Systematic Review and Meta-analysis. Acta Informatica Medica. 2023	Dr.Priya S A, at BMSeCON 2023 presented a paper on Cognitive Responses to acute cold – water ingestion – An interventional study held from 13th to 15th December 2023 ** Dr Amoghashree, Asst. Prof, Presented on Effect of Educational model on Menstrual health behaviors and willingness among school going rural adolescent girls at EFICON 2023 ** Dr Amoghashree, Asst. Professor, presented on Knowledge on menstrual health and experience with physical environment of school's bathroom in menstrual hygiene management in rural schools of Mysuru, International TB Conclave 2023

- **Research Collaborations, Guest lectures, and Patents/copyrights related to SDG 6**

Research Collaboration	Guest Lectures	Patents/ Copyrights
Collaboration of School of Public Health with GRAAM in the area of Urban Youth Governance, with objective to Build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. In this regard seven MPH students were awarded with fellowship programs each year. *** Research collaboration with JSS Medical College, JSS Dental College and ICMR on the Evaluation & comparison of serum calcium, Magnesium, Phosphate, Alkaline Phosphatase, Vitamin-D, and Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO and High Fluoride drinking water by Dr. Devananda D. Paediatrics, JSSMC in collaboration with JSS Dental College, funded by ICMR. Funding amount of 20.41 lakh, for 2 yrs from Dec 2022	A guest Lecture on Environmental sanitation and safety was delivered by Dr Sunitha Singh, Dept of Community Medicine on 18th and 19th Aug 2023, KSOU ** Panel discussion on Global Hand Washing Day by SIRD and UNiCEF along with Dr Anil Bilimale from JSS Medical College on 16th Oct 2023	Hand Hygiene through Simple English Poem copyrighted by Dr Sumana M.N, Dept of Microbiology, JSS Hospital with registration no. CF-5670/2024, approved on 10th May 24.

OTHER INITIATIVES BY THE MEDICAL COLLEGE



• The Medical Education Unit has conducted Foundation Course for 1st year MBBS Students of JSS Medical College from **Foundation Course for Phase 1 Students (2023-24 batch) from 09th September to 15th September 2023**. Eminent resource faculty from within and outside the institution took sessions on the areas as prescribed by National Medical Commission. The topics covered in the course were, apart from others were on Patient safety and biohazard safety-'Concept of Biosafety – Handling Biowaste / Biomaterial Management'.

• The Department of Community Medicine, JSS Medical College has established a Standard Operating Procedure for Water Quality Testing for chlorination. Water samples from across the institutions including the hostel, and guest house will be tested regularly for the presence of adequacy of chlorine in the water. If found inadequate, measures will be taken to improve chlorination.

- Health education material on keeping safe during Cholera Outbreak was developed by Department of Community Medicine. The same has been displayed at the JSS Hostel premises.





Publications

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2. Ravindra B Malabadi, Sadiya M R., Kiran P Kolkar, Raju K Chalannavar. Biodiesel production via transesterification reaction. Open Access Research Journal of Science and Technology. 2023;9(2):10-21.
3. Ravindra B Malabadi, Sadiya M R, Kiran P Kolkar, Raju K Chalannavar. Biodiesel production: An updated review of evidence. International Journal of Biological and Pharmaceutical Sciences Archive. 2023;6(2):110-113.
4. Prashanth Kumar M Veeresh, Chaithanya G Basavaraju, Siva Dallavalasa, Preethi G Anantharaju, Suma M Natraj, Olga A Sukocheva, SubbaRao V Madhunapantula.Vitamin D3 Inhibits the Viability of Breast Cancer Cells In Vitro and Ehrlich Ascites Carcinomas in Mice by Promoting Apoptosis and Cell Cycle Arrest and by Impeding Tumor Angiogenesis. Cancers. 2023 Oct;15(19):8433.
5. Mohan Goudar, Shilpa Avarebeel, Roshan Nazirudeen, Vinayarani Gowda, Ms Shwetha Shree. Vitamin-d Levels Of Patients With St-elevation Myocardial Infarction And Association With In-hospital

Prognosis: An Exploratory Observational Study In Southern India. Journal Of Clinical And Diagnostic Research. 2023;17(6):OC10-OC13.

6. Swapna Upadhyay, Mizanur Rahman, Selina Rinaldi, Jeremy Koelmel, Elizabeth Z Lin, Padukudru Anand Mahesh, Johannes Beckers, Gunnar Johanson, Krystal J Godri Pollitt, Lena Palmberg, Martin Irmler, Koustav Ganguly. Assessment of wood smoke induced pulmonary toxicity in normal-and chronic bronchitis-like bronchial and alveolar lung mucosa models at air–liquid interface. Respiratory Research. 2024 Jan;25(1):49.
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8. Dr. Rashmi S, Dr. Sunil Kumar D, Dr. Amoghashree. Enhancing Wash Infrastructure In Schools: Best Practices For Improved Menstrual Health And Hygiene Among Students. International Journal of Scientific Research. 2024 Apr;13(4):11-12.
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10. Umme Hani, Mohammed Ghazwani, Yahya Alhamhoom, Veera Venkata Nishanth Goli, Spandana Tatineni, Sirajunisa Talath, Sathvik Belagodu Sridhar, Farhat Fatima, Osmani Mir Riyaz Ali Mahafez Ali, Umamaheshwari Shivaswamy, Vichitra Chandrasekaran, Dr Gurupadayya B M. Pharmacokinetics and Pharmacodynamics of a Nanostructured Lipid Carrier Co-Encapsulating Artemether and miRNA for Mitigating Cerebral Malaria. Pharmaceuticals. 2024;17(4):1-22.
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12. Ravindra B Malabadi, Kiran P Kolkar, Raju K Chalannavar, Sadiya M R, Simuzar S Mammadova, Himansu Baijnath. Role of Plant derived-medicine for controlling Cancer. International Journal of Science and Research Archive. 2024;11(1):2502-2539.

7 AFFORDABLE AND CLEAN ENERGY





Contributors



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Senior Resident
Dept of Com Medicine



Dr Sunil Kumar D
Prof and Head
Dept of Com Medicine

About the Goal

Sustainable Development Goal 7 (SDG 7) is integral to the United Nations' 2030 Agenda for Sustainable Development. It aims to "Ensure access to affordable, reliable, sustainable, and modern energy for all." The achievement of this goal is fundamental for the development of nations and the overall prosperity of the globe, directly impacting several other SDGs.

SDG 7 encompasses five targets, monitored through five indicators, and aims for completion by 2030. These targets are categorized as follows:

3 Outcome targets:

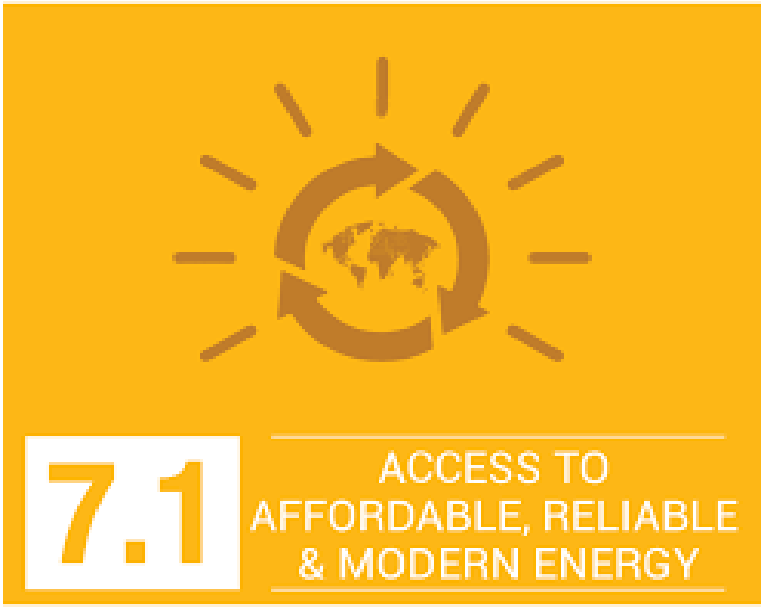
1. Ensure universal access to affordable, reliable, and modern energy services.
2. Increase substantially the share of renewable energy in the global energy mix.
3. Double the global rate of improvement in energy efficiency.

2 Means of achieving targets:

4. Enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency, and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.
5. Expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, particularly least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programmes of support.

Achieving SDG 7 is essential for the sustainable development of nations, contributing to the elimination of poverty and hunger, improvement of global health, and overall socio-economic growth. Access to clean energy supports a better ecosystem, helps address climate change, reduces inequality, and fosters global peace and partnerships. Additionally, sustainable energy practices enhance infrastructure and industrialization, increase sustainable production, and promote the efficient utilization of natural resources, which in turn generates better employment opportunities, combats hunger, reduces gender inequality, and ensures healthier lives.

The first target of SDG-7

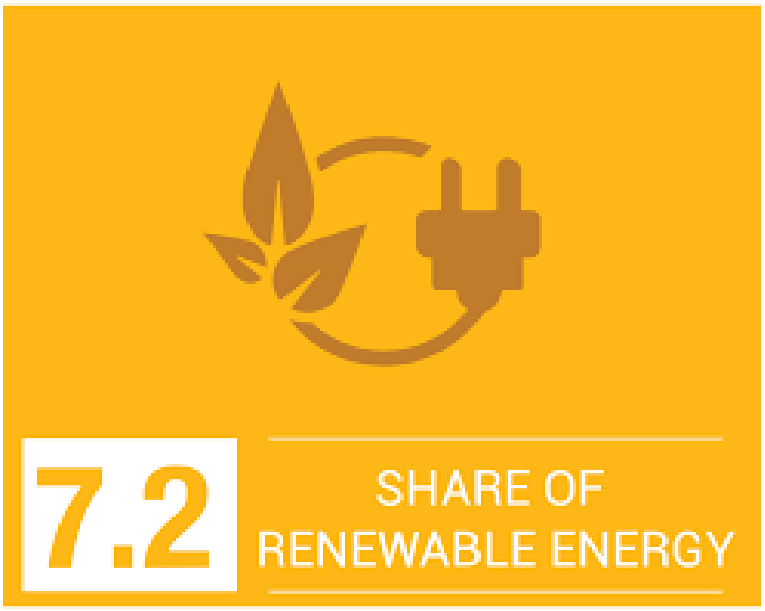


- Clean Fuel for Cooking: In our efforts to ensure universal access to modern energy, we have implemented the use of clean fuel for cooking at the hostel. This initiative aims to reduce the reliance on fossil fuels and biofuels, thereby decreasing harmful emissions and promoting healthier living environments.
- Promoting Sustainable Transportation: To further encourage the reduction of non- renewable energy usage, we provide bicycles for students and staff to use in and around the campus. This initiative aims to:
    - Encourage the youth to adopt more sustainable modes of transportation.
    - Reduce air pollution by minimizing CO2 emissions from vehicles.
    - Promote physical activity and well-being among the campus community.

These measures align with the goal of achieving universal access to affordable, reliable, and modern energy services, contributing to broader environmental and health benefits.







The second target of SDG-7

7.2: Increase the global percentage of renewable energy:

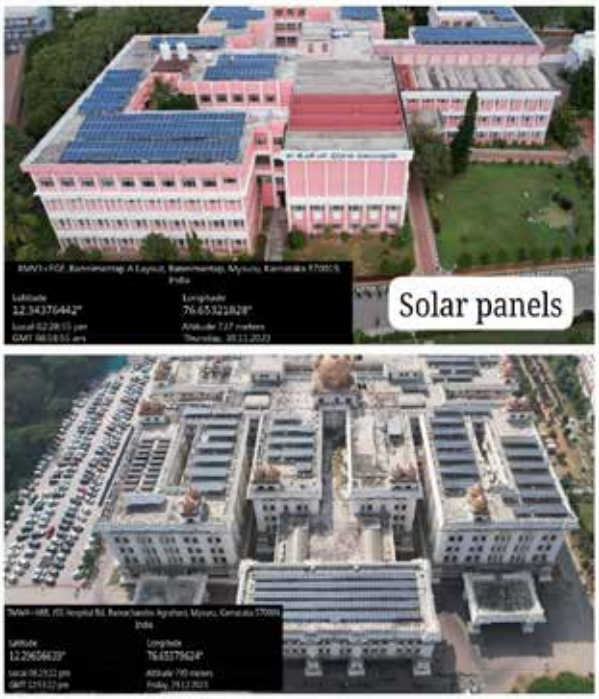
- **Solar Energy Implementation:** We have installed solar panels in the hostels, medical college, and hospital, significantly increasing the use of renewable energy sources on campus.
- **Efficient Lighting:** The campus is equipped with LED lights, which are more energy- efficient and have a longer lifespan compared to traditional lighting. To further conserve energy:
  - Lights are turned off during the night when not needed.
  - Motion-sensitive lights are installed on pathways to ensure student safety while minimizing unnecessary energy consumption.
  - Natural ventilation in classrooms and laboratories eliminates the need for artificial lighting during the day.
- **Environmental Considerations:**
  - Air conditioners are not installed in offices and chambers to reduce energy consumption and promote environmental safety.
  - Rainwater harvesting systems are adopted to utilize natural water sources and recharge underground water, contributing to sustainable water management.

These measures contribute to increasing the global percentage of renewable energy, enhancing energy efficiency, and promoting environmental sustainability on our campus.

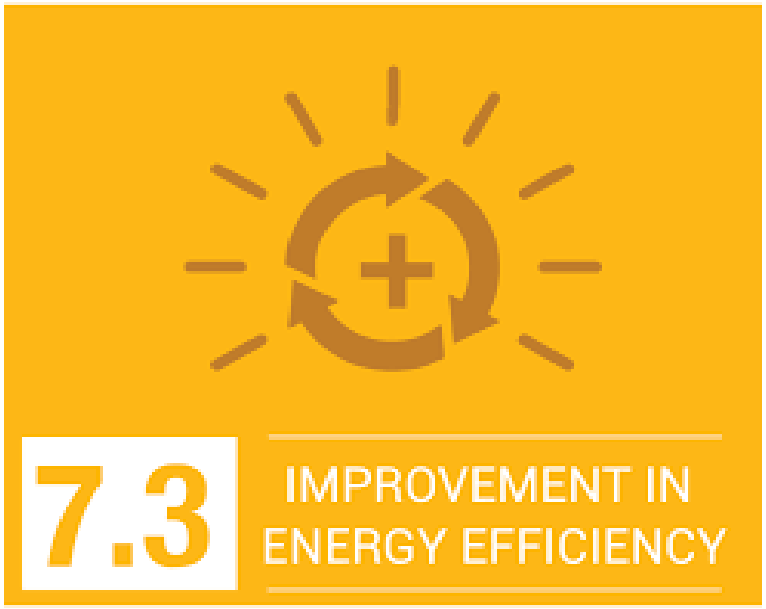
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The third target of SDG-7



7.3: Double the improvement in energy efficiency:

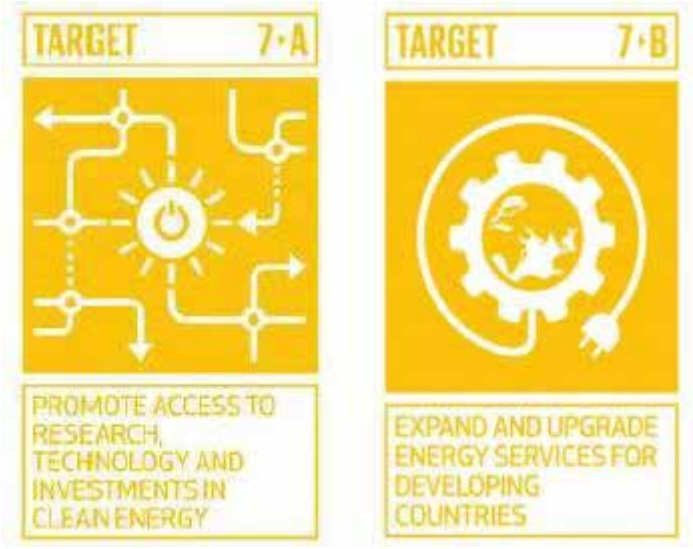
- **Solar Panels and LED Lighting:**
  - By installing solar panels and using LED lights, we have significantly reduced energy consumption on campus, enhancing energy efficiency and reliance on renewable energy sources.
  - Motion-sensitive lights are installed on pathways to ensure student safety while minimizing unnecessary energy consumption.
- **CPCB Energy Compliance:** We ensure that all energy sources and appliances are compliant with the Central Pollution Control Board (CPCB) standards, which promotes higher energy efficiency and reduces environmental impact.
- **Pooled Transport Systems:** To minimize the use of petroleum fuels, we have implemented pooled transport systems for students traveling between the college, hospital, and other campus areas. This initiative reduces the number of individual vehicles on the road, cutting down on fuel consumption and emissions.

These steps are instrumental in doubling the improvement in energy efficiency, aligning with the goals of SDG 7.3 to foster sustainable energy practices and reduce overall energy consumption.



The fourth target of SDG-7:

7A: Promote access to research, technology, and investments in clean energy 7B: Expand and upgrade energy services for developing countries.



The JSS Medical College (JSS MC) in Mysuru, situated on a 43-acre campus, exemplifies bioclimatic architecture that enhances shading, natural ventilation, passive heating, and cooling. This design, combined with an internal atrium for insolation and natural lighting, supports sustainability efforts. The campus leverages solar energy for passive heating and maintains tree canopies for sun protection during summer. Here are some key initiatives and commitments made by JSS AHER:

- **Regulatory Compliance and Education**: The university complies with relevant energy conservation regulations and actively educates staff on energy-saving practices.
- **Biomedical Waste Management**: Efficient biomedical waste management practices are implemented in the hospital to ensure safety and compliance.
- **Pollution Reduction**: The promotion and support of bicycle use reduce fossil fuel pollution on and around the campus.
- **Solar Panels and LED Lighting**: Solar panels are installed at hostels, and LED lights are used throughout the campus to enhance energy efficiency and conservation.
- **Rainwater Harvesting**: The hospital implements rainwater harvesting to utilize natural water sources effectively.
- **Soil Screening and Effluent Treatment**: Soil samples around the hospital and university are screened to prevent the spread of multidrug-resistant (MDR) bugs.







Effluent treatment plants manage waste from microbiology laboratories.

- **Plastic Reduction**: In the Central Sterile Services Department (CSSD), brown paper is used instead of Steripack plastic for wrapping instruments.
- **Safe Disposal of Microbiology Specimens**: Culture samples and microbiology specimens are autoclaved and treated by Shree Consultancy to prevent environmental contamination.
- **Student Involvement**: Students actively participate in sustainable development goals, with frequent educational sessions on affordable and clean energy to foster non- renewable energy management practices.
- **Campus Greening**: The campus is one of the greenest among institutions, retaining existing trees and cultivating new annual, biennial, and long-living trees to support local fauna and enhance the ecosystem.

These initiatives collectively aim to promote the efficient use of renewable energy sources, address pollution, and minimize reliance on non-renewable energies, contributing to the sustained health of the environment.







We are taking significant steps towards sustainable energy use by redirecting rainwater to irrigate our garden and planning to install rainwater harvesting-friendly infrastructure. Encouraging students to plant saplings during special occasions instills a practical mindset for achieving a sustainable environment.

Our college actively contributes to environmental awareness by educating students about afforestation and the importance of rebuilding green spaces. Through participation in events like sapling planting and creating working models for innovative environmental solutions, students gain practical knowledge and experience. Additionally, understanding the principles of recycling and reusing energy productively and constructively helps in sustaining affordable and clean energy.

OUTREACH & EXTENSION ACTIVITIES

World Environmental Day – 25-07-2023

"What we are doing to the forests of the world is but a mirror reflection of what we are doing to ourselves and one another." – Mahatma Gandhi

A healthier environment is the need of the hour and we must not make any more delays. World Environment Day (WED) is celebrated to encourage and create awareness and to take appropriate action for the protection of the environment. It is supported by many organizations worldwide. In this regard to mark the activity, NSS unit JSS Medical College, Mysuru, conducted the sapling implantation program on 25th July 2023 in the medical college campus garden. Faculty and NSS student volunteers actively participated and witnessed the event.

Dr.Basavana Gowdappa H, Principal of JSS medical college, Dr.Suma M.N., and Dr.Praveen Kulkarni, vice-principals of JSS Medical College, and Mr. Sathish Chandra, Administrative officer of JSS Medical College, Sports director Mr Lokeshappa H, implanted number of saplings in the garden to mark this event. The NSS volunteers also implanted the saplings in the same garden. This program was coordinated by NSS program officers NSS unit, at JSS Medical College, Mysuru.



"World Environmental Day" JSS Medical College, Mysuru

Sapling Implantation by Principal and vice-principal, JSS Medical college

"Swachhata Hi Seva" – 01-10-2023

"Swachh Bharat Abhiyan" was conducted to disseminate the importance of a "Sampoorna Swachh Bharath, to reinforce the concept of sanitation as everyone's business. To prelude "Swachh Seva" activities, many students and faculty volunteers from JSS Academy of Higher Education and Research, Mysuru conducted cleanliness activities on 1st October 2023 between 9:30 am-11:30 am.

The program involved the commissioner, deputy mayor, and regional corporator of Mysuru city corporation who actively took part and supported the whole event. The program was starte with the felicitation of the corporation authorities by Dr.Praveen Kulkarni, Vice-Principal, JSS Medical, and Dr.Krishna K.L., NSS Programme Officer, JSS AHER College Mysuru.

Dr.Praveen Kulkarni passed the initial remarks about the importance of cleanliness in the health professions by reiterating the significance of the prevention of various communicable and non- communicable diseases. Subsequently, the formal inauguration of the cleanliness drive was marked by the deputy mayor by initiating the cleaning activities at the entrance of JSS AHER. Twenty-five student MBBS NSS volunteers and 10 faculty from JSS MC actively participated in the event and cleaned the streets and parks by plogging various degradable and non- degradable substances in areas coming under the jurisdiction of Sri Shivarathreeshwara Nagara.

The activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College,

Mysuru; and the administrative officer JSS Medical College, Mysuru. Dr. Krishna K L, NSS programme officer JSS AHER was instrumental in conducting this whole event. The program was supervised and coordinated by NSS program officers NSS unit, JSS Medical College, Mysuru.



World Environment Day was celebrated by tree plantation in the campus on 5th June 2024



National Service Scheme (NSS)

Health Awareness Programme

On 27th December 2023 the JSS Medical College NSS unit JSS MC, fuelled with compassion and a commitment to social well-being, embarked on a journey of awareness and education. Our activities began at 10:30 AM, as we visited the apartments at Rajarajeshwari Nagar, Mysuru armed with compelling charts, images, and motivational quotes. Our mission was to shed light on the crucial topics of HIV/AIDS prevention, communicable diseases, personal hygiene, and the problems related to drug and alcohol abuse. Students were engaged in the community interactions by spreading awareness, and igniting crucial conversations with the public. At 11:30 AM, our focus shifted to empowering young girls at a government high school. Dr Rama, medical officer, at JSS Urban Health Centre, Mysuru was instrumental in conducting this event at government high school. This activity was supported by Mr. Santhosh, health inspector JSS UHC, Mysuru. Ms.Sanya Sathish, delivered a comprehensive talk by sensitizing the young girls about menstruation and its hygiene. We delved into the often-silenced topic of menstrual hygiene, normalizing the conversation, and educating young girls about this essential aspect of their personal health. Dr.Rama, formally initiated the process of free sanitary pad distribution. To support their well-being, and symbolically create awareness we distributed naturally degradable sanitary napkins. Our message resonated not just with the girls but also with the other students across all classes, sparking open dialogues and a culture of understanding. Later we headed towards surrounding localities of the urban health centre and continued our awareness campaign by engaging in interactive sessions with the public, displaying informative charts, followed by open question and answer sessions, which ensured that health education reached every corner. Later we moved on to the Medhar block, where the residents' enthusiasm showing inclination towards awareness which reflected the significance of our efforts. We addressed their concerns, answered their questions, disseminated information on vital health issues, and distributed sanitary pads to the women in need. Then we went to the Halim block where the residents gathered to hear our insights on HIV/AIDS prevention, communicable diseases, drug and alcohol abuse, and menstrual/personal hygiene. The interactive sessions fostered a sense of community and collective responsibility for health and well-being. By the end of the day, the team's impact was undeniable. It was a day woven with impactful conversations, meaningful connections, and a shared commitment to create a healthier world. Numerous minds had been enlightened and communities were empowered with knowledge and resources. This NSS camp served as a powerful reminder that even small steps taken together can pave the way for improving public health status of needy population. Twenty-two B.Sc. (AHS) students from JSS Medical College were actively took part in the whole event.

The awareness activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru; and the administrative officer JSS Medical College, Mysuru. The NSS programme officers from JSS medical College, Mysuru were the coordinators of the whole event.





Shramadaan at K R Mills by JSS Medical College, Mysuru – 09-03-2024

As part of Family Adoption Program, along with NSS, **"Shramadaan"-** Giving Back to community- activity was organized on 9th March 2024 at K R Mills colony, Hanchya PHC, Mysore. As part of the program 1st year MBBS students were involved as NSS volunteers and carried out cleaning of the premises of KR Mills Subcentre, Government Model Higher primary School, KR mills and Government High School, K R mills. The students also gave health education to school students on importance of segregation of dry and wet waste at household level, personal hygiene and hand hygiene. Dr.Shwetha Kurkuri, Dr.Sunitha Singh, Senior Residents, Dept of Community Medicine, Dr.Amoghashree, Asst.Prof., Dept. of Community Medicine, Dr.Ravishankar, Asst.Prof., and NSS Co-ordinator, Dept. of Anatomy, JSS Medical College, Mysuru along with Post graduates from the Dept. of Community Medicine, JSS Medical College, coordinated the whole event. Support was also extended by Dr.Sunil Kumar D, HOD, Dept. of Community Medicine, JSS Medical College, Gram Panchayat, Siddlingipura, Dr.Ravidra, Medical Officer, Hanchya PHC, Mysuru for the event.



SRI SUTTUR JATHRA MAHOTHSAVA - 2024 JSS MEDICAL COLLEGE AND HOSPITAL

Theme "Healthy Lungs – Healthy Life: Every breath counts"





The annual Jathra Mahotsava of Adi Jagadguru Sri Shivarathreeshwara Shivayogi Mahaswamigalu, held at Suttur Srikshetra from February 6th to 11th, 2024, showcased a multitude of programs and exhibitions aimed at fostering scientific and educational awareness among rural communities. The medical exhibition, inaugurated by His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, focused on the theme "Healthy Lungs – Healthy Life: Every breath counts," emphasizing respiratory health education and preventive measures.

The medical exhibition by JSS Medical College and Hospital received 2nd prize at the Jathra Mahothsava for its efforts and commitment towards generating health awareness among the public.

Key Highlights:

- The exhibition featured 17 departments of JSS Medical College and Hospital, engaging thousands of visitors daily, including individuals of all ages.
- Departments like Anatomy, Physiology, Biochemistry, and Medical Genetics offered interactive displays, demonstrations, and educational materials on respiratory anatomy, lung function, genetic disorders, and preventive measures.
- Activities ranged from respiratory health quizzes, lung function testing, and deep breathing demonstrations to screenings for oxygen saturation and pulse rate using point-of-care testing devices.
- Departments like Pathology, Microbiology, and Pharmacology showcased models, posters, and educational games on lung pathologies, infections, and pharmacological interventions.
- Department of Community Medicine initiatives were community-focused activities included interactive games, puppet shows, movie screenings, and clean air pledges to promote awareness and behavioral change regarding respiratory health.
- Specialty departments such as Forensic Medicine highlighted safety measures related to gas geyser usage and drowning prevention, while Psychiatry focused on tobacco cessation and sexual health education.
- The School of Public Health emphasized air pollution awareness, preventive measures, and the importance of mask-wearing and social distancing.
- Feedback from attendees lauded the innovative and informative exhibits, with the JSS Medical College & Hospital exhibition receiving recognition and praise for its impactful contributions.

International TB Conclave 2022

***Theme* – Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions**

22nd, 23rd, 24th November 2023



The Departments of Community Medicine and Respiratory Medicine, JSS Medical College, and JSS Academy of Higher Education Mysuru, jointly organized the **International Tuberculosis Conclave**-2023 on the 23rd and 24th of November with four pre-conference workshops on 22nd November 2023 at Sri Rajendra Auditorium, JSS Medical College, SS Nagara, Mysuru. The conference theme is **"Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions."**

Tuberculosis (TB) is a significant cause of ill health and death worldwide. The sharing of knowledge, best practices, innovations, and strategies through scientific platforms is essential for policy-making and program implementation for prevention and control of Tuberculosis. International Tuberculosis Conclave-2023 aimed at bringing together experts from around the world to share information and best practices on preventive, diagnostic, and therapeutic advances in TB.

More than 500 delegates from various parts of India and overseas and 34 renowned resource persons from reputed institutes in India and abroad participated. The conference provided an academic feast, and exchange of scientific ideas through scientific presentations and interactions. There were sessions on critical thinking to overcome the existing challenges.

Indo Swedish Conference on "Air Pollution and Respiratory Toxicology" and Workshop on "Methods of Assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen

The Department of Respiratory Medicine along with the Department of Biochemistry (DST- FIST Supported Department), JSS Medical College, Mysore Karnataka in collaboration with Department of Environmental Science and Engineering, Indian Institute of Technology Bombay, (IITB), Mumbai, Maharashtra, India and Institute of Environmental Medicine (IMM), Karolinska Institutet, Stockholm, Sweden have organized Indo Swedish one day conference on "Air pollution and Respiratory Toxicology" and 2 day's workshops on "Methods of Assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)" from 2nd to 4th January 2024. This event is supported by Ministry of Education, Govt of India, under Scheme for Promotion of Academic and Research Collaboration (MoE-SPARC).

The conference was designed to understand the role of air pollution on human health and to explore the recent strategies to combat the same while the workshop focused on various techniques crucial in deciphering the impact of pollution by assessing Cytotoxicity, Anti- oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS) A total of 29 participants had registered for the conference and 14 participants were registered for the workshop. During the course of workshop, participants were exposed to a wide array of techniques: Demonstration of cell culture, plating of cells in 96-well microtiter plates, cell viability determination by MTT, ROS assessment, ELISA, Lipid peroxidation estimation with serum and LDL. In addition, antioxidant assay using colorimetric methods such as FRAP, DPPH, DCFH-DA were also demonstrated to the workshop participants.









WORLD NO TOBACCO DAY – 31-05-2024

World No Tobacco Day was observed in collaboration with the Department of Psychiatry, JSS Hospital, on May 31, 2024, at 12 pm. The chief guest was Dr.C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru. Posters on the dangers of tobacco use were displayed at JSS Hospital to create awareness regarding the health hazards related to tobacco use.

Mrs. Purohit Saraswati, Assistant Professor and HOD of the Department of Mental Health Nursing, conveyed the significance of World No Tobacco Day to the public at JSS Hospital. Dr. Kishore M., Professor of Psychiatry at JSS Medical College and Hospital, Mysuru, delivered the keynote address on World No Tobacco Day. Dr. C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru, addressed the gathering regarding the importance of quitting tobacco and the associated health benefits. Prof. Aswathy Devi M.K., Principal of JSS College of Nursing, graced the program, as did Dr. Pradeep Kumar, Psychiatrist at JSS Hospital, Mysuru.

A role play was performed by II Semester BSc Nursing students under the guidance of Dr. Pradeep Kumar to create awareness regarding the effects of tobacco use among the public. Patients of JSS Hospital benefited from the program. Prizes for the winners of the poster- making competition were distributed during the event. The program concluded vote of thanks.





E-Learning module on tobacco counselling – 22-01-2024

E-Learning Module on Tobacco Counselling! This interactive and comprehensive online program has been designed to equip healthcare professionals with the knowledge and skills necessary to provide effective tobacco counselling to their patients. Dr.Chandrashekar B R, MDS, PhD, FAIMER 2017 Fellow. Associate Dean (Academics), Professor, Department of Public Health Dentistry, JSS Dental College and Hospital, JSS Academy of Higher Education and Research, Mysuru enumerated the reasons for tobacco initiation and dependence, Factors related abuse liability and tobacco industry tactics to promote abuse liability of product and how to Motivating young children's not to experiment the tobacco.



National Tuberculosis Elimination Program - 15.05.2024

Dr.Jayaraj B S (Nodal officer) greeted all members present and briefed about the minutes previous NTEP core committee meeting. Dr.Siraj (DTO) briefed about NTEP guidelines, and to check the availability of CBNAAT technician at District centre prior to sending sample and to send gastric lavage for CBNAAT in suspected paediatric TB cases.

Dr.Ganapthy Uppinal (Medical officer) discussed the last quarter statistics of our hospital which is almost 8% of total district contribution to NTEP programme.
Dr.Kiran (WHO consultant ,NTEP Bangalore) discussed and clarified about mismatches between actual data and data presented by Dr.Uppinal (NTEP - M.O.) regarding EP Cases and emphasized about 100% screening for HIV and DM for all patients of Tuberculosis confirmed both clinically and microbiologically.Dr.Kiran also highlighted about delay in diagnosing and initiating treatment for TB resulting in 3-4% patient death.
He also discussed that if there is strong suspicion of TB if both AFB and CBNAAT are negative, then we can go for liquid culture and can start treatment as clinically diagnosed Tuberculosis. He also discussed about sample collection and availability of transportation facility. Dr.Kiran appreciated about the good number of Extra Pulmonary TB cases contribution by JSSMC and discussed about Active screening of IP Patients with, presumptive TB cases, from all the department.
Dr.Jayaraj B S (Nodal Officer) requested Dr. Kiran to conduct sensitization class for nursing staff /PG / Consultant and Paramedical staff and to provide information regarding NTEP Guidelines. Dr.Siraj (DTO) assured to arrange classes for sensitization programme by the end of this month. Dr.Jayaraj (Nodal Officer) discussed regarding starting of DR-TB IP and OP facilities and Centre of Excellence with DTO/WHO Consultant and regarding the ABARK scheme .

Dr.Basavana Gowdappa (Chairman, Principal) discussed with DTO/ WHO Consultant regarding the Centre of Excellence and DRTB IP and OP facilities. Dr.Madhu C P (Medical Superintendent) insisted DTO to make use of space given by the hospital for Drug storage facility, as appropriately. Dr.Sarveswarakar, Principal, JSSAH expressed his willingness for engaging AYUSH Medicine Department towards NTEP Programme.





Dr.Mahesh Prof, Respiratory medicine expressed his concern regarding INH, Under dosage dosage fot patient weighing less than 50 kgs. Under NTEP programme. WHO consultant, Dr.Kiran spoke on recent NTEP guidelines for Core committee members and post graduates for an hour after the meeting. 105 delegates attended this event.

Foundation course to MBBS students

Dr Rashmi started the session by introducing types of **biomedical waste** and generation of wastes in hospital settings. She has discussed basic concepts of biosafety and its implementation while handling biohazard materials. She explained the importance of waste segregation immediately after generation in the hospital and color codes for segregating different types of biomedical wastes after procedures. She discussed all 4-color coded based segregation method including yellow, red, blue, and white. Besides segregation, she also discussed on several methods of treatment of these biomedical wastes, and precautions during waste segregation. She briefly explained on Hospital acquired infection and contribution of biomedical wastes in several HAI. She made students aware of blood borne viruses (BBV) and discussed safety measures to avoid the spread of cross infections through biomedical wastes.

Dr Deepashree started the session **Hospital infection** with small video clips on the possibility of spread of infection in hospital and clinics while inspecting the patient. She discussed several personal protective equipment (PPE) and its importance while working in hospitals. She especially emphasized on hand hygiene and several infections which might spread through working hands. Further, she introduced the technique of hand disinfection and several disinfectants commonly beings used in hospitals. She asked students to get vaccinated for HBV with the booster dose and maintain sound immunity. She also talked briefly on sharp injuries such as needle prick and scalpel cut injuries.

Ongoing Projects

Funding Agency	PI/Co PI* & Dept	Collaboration dept	Area of research	Funds in rupees
ICMR	Dr. Devananda D Biochemistry	Paediatrics JSS Dental College	Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO water	20,41,000
	Dr Rajesh Kumar T* Biochemistry	School of Life Sciences	Millet based dietary fiber for protection of allergic asthma	40,00,000
	Dr NayanabaiShabadi Community Medicine	General Medicine	Epidemiology study on chemical hazards	36,96,817
	Dr.Rajesh Kumar T Biochemistry	MPH Uni. of Mysuru	Phytoremediation of indoor air pollution	16,75,000
DBT	Dr. Rajesh Kumar T. & Dr.P A Mahesh Biochemistry & Respiratory Medicine	--	Air Pollution Exposures on Lung growth and development of biomarker of lung function	3,50,00,000
Global Infectious Diseases	Global Infectious Disease (GID), Fogarty, NIH	Dr.Mahesh P A Respiratory Medicine	--	USD 1.1 Million (9,16,13,550)
Karolinska Institute	Swedish Heart Lung foundation, Karolinska Institute	Dr.Mahesh P A Respiratory Medicine	Molecular patho mechanism of biomass smoke induced chronic obstructive pulmonary disease	65,00,000

DETAILS OF PATENT

Sl. No	Patent Application No.	Status of Patent (Publishe d / Granted)	Inventor/s Name	Title of the Patent	Applica nt/s Name	Assignee/s Name (Institute Affiliation/s at time of Application)
1	202041053854 A	Publishe d	1)NANDL AL, Bhojraj 2)MURTHY, Srinvasa 3) SHIVA MURTHY, Ravindra 4) SETTY, Nagendra Ramakrishna	ULTRAVIOLET SANITIZATION SYSTEM	JSS Academy of Higher Education and Research	JSS ACADEMY OF HIGHER EDUCATION & RESEARCH, MYSURU

Research Projects – Ongoing (JSS AHER)

Sl. No	Title of the Project	Name of the Principal Investigator/Mentor & Department	Grants Sanctioned	Duration
1	Spatial mapping of microbial population in soil surrounding the hospital/industry	Dr.Sumana M N Professor & Head Dept. of Microbi-ologyJSSMC, Mysuru	10,00,000.00	5 Yr.
2	The role of air pollution and pollen exposure on asthma Mysore, India	Dr.B.S.Jayaraj Professor JSSMC, Mysuru	10,00,000.00	5 Yr.

SIG DETAILS

Sl. No	Title of the Project	Name of the Principal Investigator	Department	Grants Sanctioned	Duration
1	Respiratory and Environmental Diseases.	Dr. P A Mahesh Professor of Respiratory Diseases	Respiratory Diseases	300000.00	3 Yrs.

ICMR & Other Fellowship details

Sl No	Title of the project	Principal Investigator	Funding agency	Amount sanctioned	Duration
1	Oxidized phospholipid s and Lipoprotein(a) as a perdictor of severity of coronary artery disease in diabetic patients	Ms.Kavya Sugur SRF Dept. of Biochemistr y JSS MC, Mysuru	ICMR	9,23,343.00	3 Yrs.
2	Co-targeting key oncogenic signalling cascades regulating breast cancer development using vitamin D and antidiabetic agents	Ms.Chaithanya G B SRF Dept of Biochemistry	ICMR	15,21,600 .00	3 Yrs.
3	Effect of vitamin D on angiogenesis and oxidative stress induced changes in the glomerular basement	Ms.Lavanya B R SRF Dept of Biochemistr y JSS Medical College Mysuru	ICMR	15,21,600 .00	3 Yrs.

UG Student Research Projects – Ongoing

Sl No	Title of the project	PI	Guide	Funding agency	Duration
1.	Relationshi p of traffic noise exposure and ambient PM 2.5 levels with arterial blood pleasure perceived stress and sleep quality among street traders at Mysuru city Karnataka	Mr.Kaustubh Gaur	Dr.Praveen Kulkarni Professor of Community Medicine	ICMR	05 Months

Programmes conducted by the Institution

Sl. No.	Name of the programme	Date
	National/International Days Celebrated	
1	Tree sapling – Observation of Independence Day	14-08-2023
2	World No Tobacco Day	31-05-2024
3	World Environment Day	25- 07-2023 05-06-2024

GUEST LECTURE DELIVERED BY THE FACULTY

Sl. No	Name of the faculty	Title	Date & Venue	Certificate / Photos
	Anatomy			
1	Dr. MVSST SubbaRao	Seminar Biological Safety Awareness	21st July 2023 ESCO Lifesciences group	
2	Dr. Rajesh Kumar T	FDP on Advancement in Biological Sciences for the sustainable development in agriculture, Health and allied sectors	7th to 11th August 2023. REVA University, Bengaluru	
3	Dr Sunita Singh	Environmental sanitation and safety	18th and 19thAugust 2023	
4	Dr. Mahesh P A	Air Pollution Exposure & Respiratory Toxicology	2nd to 4th January 2024 JSSAHER Mysuru	

FACULTY DEVELOPMENT PROGRAMME [FDP] ATTENDED BY FACULTY

1	Dr Sulochanadvi B C Dr Sreena V, School of Public Health	Open WHO course on 'Air pollution and health: an intro-duction for health workers	13-01-24 WHO course online	 
2	Dr Rashmi S, Senior Resi-dent,Departme nt of Community Medicine	Open WHO course on 'Air pollution and health: an in-troduction for health workers	21/02/2024	

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3. Ravindra B Malabadi, Sadiya M R, Kiran P Kolkar, Raju K Chalannavar. Biodiesel production: An updated review of evidence. International Journal of Biological and Pharmaceutical Sciences Archive. 2023;6(2):110-113.
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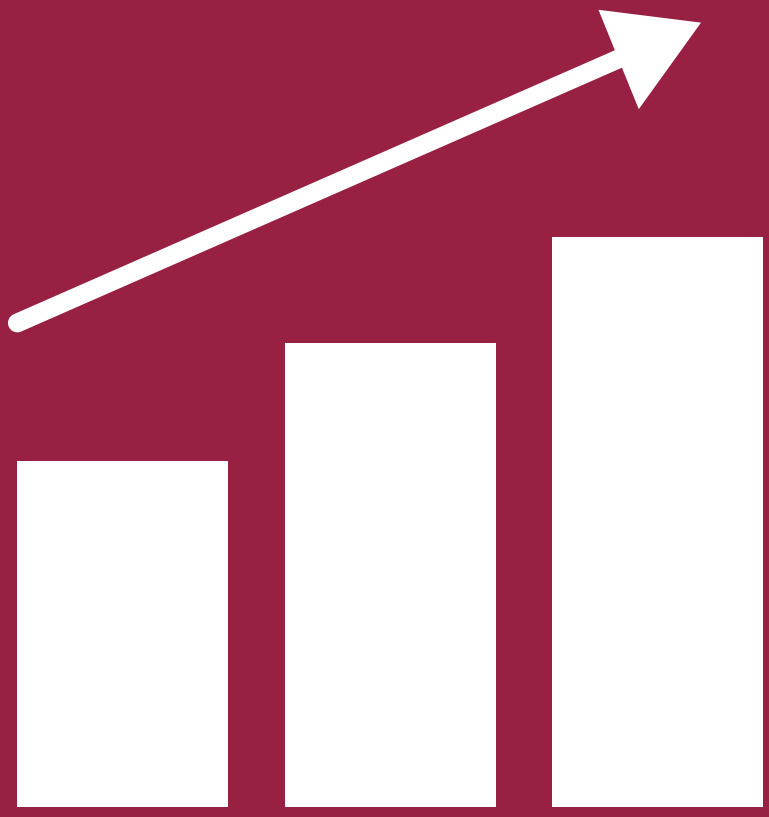
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8 DECENT WORK AND ECONOMIC GROWTH





Contributors



Dr Uma Shivanal
Asst. Professor
Dept of Anatomy



Dr Deepa Bhat
Professor
Dept of Anatomy

SDG 8 aims to promote economic growth and decent work for all.

Sustained and inclusive economic growth is a prerequisite for sustainable development, which can contribute to improved livelihoods for people around the world. Economic growth can lead to new and better employment opportunities and provide greater economic security for all.

The details provide below indicates the direct or indirect contributors for the economic growth of the institution, hence SDG8

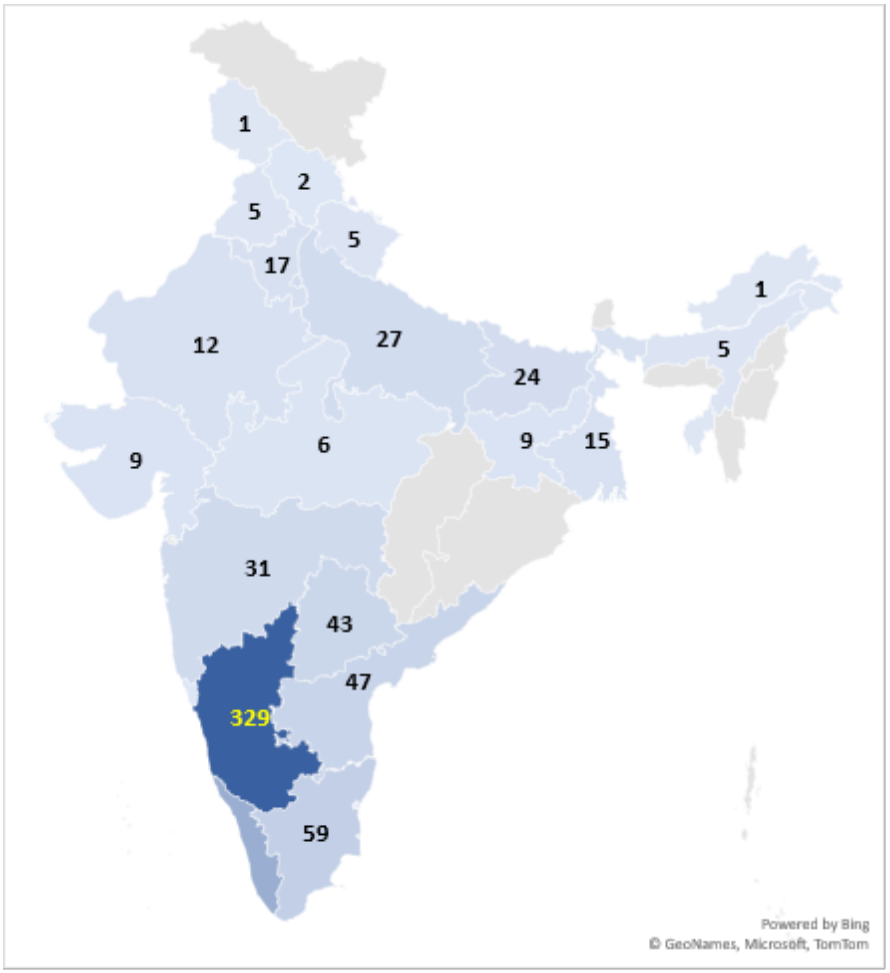
8.1 Education

a) Courses Up gradation and New Additions
Admission status – 2023-2024

Sl No.	Name of the State	MBBS	MD/MS	Super special-ity	M.Sc, MPH, M.Phil,	Fellow-ship & certifi-cate	BSc	Total
1	Andhra Pradesh	8	31	--	7	--	1	47
2	Assam	5	--	--	--	--	--	05
3	Arunachal Pradesh	--	--	--	--	--	1	01
4	Bihar	23	--	--	--	1	--	24
5	Chandigarh	4	2	--	--	--	--	06
6	Delhi	20	2	--	3	1	--	26
7	Gujarat	1	3	--	2	3	--	09
8	Goa	--	1	--	1	--	--	02
9	Haryana	15	2	--	--	--	--	17
10	Himachal Pradesh	2	--	--	--	--	--	02
11	Jharkhand	8	1	--	--	--	--	09
12	Jammu & Kashmir	--	--	--	1	--	--	01
13	Karnataka	80	32	--	140	14	63	329
14	Kerala	10	18	1	23	4	86	142
15	Madhya Pradesh	6	--	--	--	--	--	06
16	Maharashtra	12	2	02	2	12	1	31
17	Rajasthan	8	3	--	--	1	--	12
18	Tamil Nadu	13	29	1	9	3	4	59
19	Telangana	4	26	--	5	7	1	43
20	Tripura	--	1	--	--	--	--	01
21	Uttar Pradesh	19	3	--	--	5	--	27
22	Uttarakhand	3	1	--	--	1	--	05
23	Puducherry	--	--	1	1	--	--	02
24	Punjab	--	3	1	--	1	--	05
25	West Bengal	9	2	--	1	3	--	15
	Total	**250**	**162**	**06**	**195**	**56**	**157**	**826**

GEOGRAPHIC DIVERSITY AMONG STUDENTS – 2023-2024

National (Total=826)



Renewal Of Permission For Mbbs Course

From 200 To 250 Seats For The Academic Year 2024-25

Sl. No.	Subject	No. of Seats	Remarks
1	MBBS	200 to 250	Renewal of Permission of 250 seats for MBBS course for the academic year 2024-25 is granted.

Increase Of Seats For The Academic Year 2024-25

Sl. No.	Subject	No. of Seats requested	Remarks
1	MD Emergency Medicine	02 to 06	Increase of seats Approved by NMC, New Delhi from 02 to 05 seats.

Continuation Of Course For The Academic Year 2024-25

Sl. No.	Subject	No. of Seats	Remarks
1	M.Phil., Clinical Psychology	10	Approval granted for 10 seats

Admission status – 2023-2024 (January 2024 to June 2024)

Course	Sanctioned intake	Admitted	Boys	Girls
Fellowship in Psychosexual Medicine	58	58	31	27
Certificate course in Psychosexual Medicine	9	9	5	4
Total	67	67	36	31

Total No. of Ph.D. Registration as on June 2024

tate wise	JSS Academy of Higher Education & Research						Total
	Part Time			Full Time			
	Male	Female	Total	Male	Female	Total	
Karnataka	22	40	**62**	28	66	**94**	156
Other State	02	03	**05**	02	07	**09**	14
Other Country	-	-	**-**	02	-	**02**	02
Total	**24**	**43**	**67**	**32**	**73**	**105**	**172**

b) Awards and Scholarships

Awards instituted by donors

Gold Medals	12
Cash Prizes	12

8.2 Library Books And Expenses

Details of expenditure & No. of Books/Journals added for last 3 years

Total Budget sanctioned 2022-23 - 306 lakhs

Total Number of Books - 32300

Year	Total Budget (Rs. In Lakhs)	Total Expenditure (Rs. In Lakhs)		Total No. books /journals added
2020-2021	260.00	Books	42.74	880 books added
		Journals	216.86	231 Printed Journals
		Online Database		3 Online Databases
2021-2022	300.00	Books	28.16	816 books added
		Journals	269.23	255 Printed Journals
		Online Database		4 Online Database
2022-2023	306.00	Books	29.19	1018 books added
		Journals	284.91	247 Printed Journals (4 Online Journals)
		Online Database		5 Online Database

Total Budget sanctioned 2023-24 - 390 lakhs

Total Number of Books - 33972

Details of expenditure & No. of Books/Journals added for last 3 years

Year	Total Budget (Rs. In Lakhs)	Total Expenditure (Rs. In Lakhs)		Total No. books /journals added
2021-2022	300.00	Books	28.16	816 Books added
		Journals	269.23	255 Printed Journals
		Online Database		4 Online Database
2022-2023	306.00	Books	29.19	1018 Books added
		Journals	284.91	247 Printed Journals (4 Online Journals)
		Online Database		5 Online Database
2023-2024	390.00	Books	30.65	905 Books added
		E-Books	305.01	59 E-Textbooks
		Journals		230 Printed Journals (6 Online Journals)
		Online Database		4 Online Database

Human Resource

Teaching Staff Position – As On June 2024

Sl.No.	Designation	Male	Female	Total
1	Professor	59	25	**84**
2	Associate Professor	43	35	**78**
3	Assistant Professor	60	72	**132**
4	Lecturer	01	01	**02**
5	Senior Resident	29	61	**90**
6	Tutor	15	8	**23**
7	Demonstrator	05	02	**07**
8	Medical Officer	02	01	**03**
9	Optometrist	01	0	**01**
10	Embryologist	01	0	**01**
11	Statistician	0	01	**01**
	Total Nos.	**216**	**206**	**422**

Non-Teaching Staff As On June 2024

Sl.No.	Designation	Male	Female	Total
1	Non-Teaching staff	128	59	**187**
2	General Workers	11	06	**17**
	Total Nos.	**139**	**65**	**204**

New recruitment and promotions

Sl. No.	Particulars	Designation	Total	Grand Total
1	**Promotion**	Professor Asso. Professor Asst. Professor	**04** **19** **15**	**38**
2	**Resigned**	Professor & Head Professor Asso. Professor Asst. Professor Sr. Resident Tutor	**01** **08** **01** **10** **18** **04**	**42**
3	**New appointments**	Associate Professor Asst. Professor Sr. Resident Tutor	**04** **15** **34** **08**	**61**

1.4 **Health insurance**

Total number of teaching staff and non-teaching staff covered under Group medical insurance m/s Royal

sundaram general insurance co.ltd are 28 members with a total suminsured of rs 6,60,000.

FAMILY FLOATER POLICY

Sl.no	Sum insured	Monthly premium	Yearly premium
1.	RS 100000	RS 1000	RS 12000
2.	RS 200000	RS 2000	RS 24000
3.	RS 300000	RS 3000	RS 36000
4.	RS 400000	RS 4000	RS 48000
5.	RS 500000	RS 5000	RS 60000

STUDENTS GROUP ACCIDENT POLICY

Under this policy, the premium amount shall be collected only from the students during admission time as per the category mentioned. The staff members (both teaching and non teaching) are covered free of cost. The benefits offered by the General Insurance CO. are as follows:-

Category	
Premium per student per annum	Rs 1500/-
Benefits offered by the company	
a. Accidental death and permanent total disability for one earning parent	Rs 15,00,000
b. Student accidental death and dismemberment	Rs 5,00,000
c. Staff accidental death and dismemberment	Rs 5,00,000
d. Medical expenses reimbursement for students and staff. e. OPD treatment	Upto Rs 1,00,000 perstudent per accident. Rs 1,00,000 per staffper accident. Rs 50,000.
f. Weekly benefit for staff; if a staff is met with an accident and he/she not able to attend duties due to temporary totaldisability, weekly compensation will be payable for a period of 52 weeks.	Rs 10,000 per week.

8.5 Research

Helps to achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and infrastructure upgradation.

Ongoing Projects

Funding Agency	PI/Co PI* & Dept	Area of research	Funds in rupees
ICMR	Dr Hemamlini Anatomy	Thyroid Hormone Receptor Gene & Dyslipidemia	5,15,000
	Dr. Deepa Bhat Anatomy	Sickle Cell Disease	19,00,000
	Dr.Deepa Bhat Anatomy	Sickle Cell Disease	11,00,000
	Dr. Akila Prashant Biochemistry	National Registry for Rare and other Inherited disorders	2,44,000
	Dr.M.N. Suma Biochemistry	Carcinoma cervix	38,00,000
	Dr. Devananda D Biochemistry	Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO water	20,41,000
	Dr.Divya P. Kumar Biochemistry	Hepatocellular Carcinoma	32,41,000
	Dr. M.V.S.S.T. SubbaRao* Biochemistry	Chronic Periodontitis in Type 2 Diabetic	18,60,000
	Dr. Prasanna Kumar S. Biochemistry	NAFLD	44,00,000
	Dr. Shobha C R Biochemistry	Genes regulating adipogenesis	45,53,000
	Dr Rajesh Kumar T* Biochemistry	Millet based dietary fiber for protection of allergic asthma	40,00,000
	Dr. Vidyavathi B Chitharagi Microbiology	Screening for sexually transmitted infections (STIs) among tribal women population	20,15,100
	Dr NayanabaiShabadi Community Medicine	Epidemiology study on chemical hazards	36,96,817
	Dr.SubbaRao MVSST	Genomics and sialic acid in oral samples of children receiving multiple blood transfusion	9,35,000
	Dr.Praveen Kulkarni Dr.Kishore.M	Counselling skills of medical and dental undergraduate students	17,94,560

DBT	Dr. Rajesh Kumar T. & Dr.P A Mahesh Biochemistry & Respiratory Medicine	Air Pollution Exposures on Lung growth and development of biomarker of lung function	3,50,00,000
	Dr. Deepa Bhat Anatomy	Centre for Training Research and Innovation in Tribal Health	17,92,415
	Dr. Divya P. Kumar Biochemistry	Hepatocellular carcinoma	1,13,60,000
	Dr. Prasanna Kumar S. Biochemistry	Nonalcoholic Steatohepatitis and Hepatocellular Carcinoma	1,13,60,000
	Dr.Praveen Kulkarni Community Medicine	micronutrient deficiency and cognitive dysfunction	27,50,000
	Dr. Prashant V & team Biochemistry	BUILDER Programme	6,00,00,000
DST	Dr. M.V.S.S.T. SubbaRao* Biochemistry	Olfaction & dementia	40,00,000
	Dr. M.V.S.S.T. SubbaRao Biochemistry	FIST (CEMR Laboratory)	58,00,000
	Dr.Madhu B Community Medicine	Integrated Yoga And Transcendental Meditation By Frontline COVID Warrior	5,50,000
	Dr. Divya P Kumar Biochemistry	Nonalcoholic Steatohepatitis	30,00,000
	Dr. Prashant V Biochemistry	DST – PURSE	17,36,00,000
	Dr. Vinay Kumar MB Medical Genetics	Muscle wasting & Cancer cachexia	53,57,240
KSTA	Miss Nirmala G.S. Biochemistry	Hepatocellular carcinoma	35,000
TIGS	Dr.Deepa Bhat Anatomy,	Hematopoietic stem cell culture and gene editing	2,00,000
NACO	Dr. M N Sumana Microbiology	EQAS sample distribution and testing	95,00000
	Dr. M N Sumana Microbiology	Viral load testing in HIV treatment response	98,00,000
Medgenome	Dr.Deepa Bhat Anatomy,	Genomic studies & beta thalassemia	Sample collections
Medgenome	Dr.Shasthara Neurology	Genetic analysis of Parkinson disease	Sample collections
CFTRI	Dr. M N Sumana Microbiology	Immunomodulation and Gut microbiota	5,00,000

IADVL	Dr. Ashwini P K Dermatology	Oral microbiomes and il-17 in oral lichen Planus	4,00,000
	Dr.Vinutha R Dermatology	Resident Memory T (RM) cells and IL 15 levels in vitiliginous patches	4,70,000
NidhiPrayas	Dr.Amulya T.M. ENT	Nasal stents : designing	10,00,000
Mamta HMIC, New Delhi	Dr Sunil Kumar D Community Medicine	Mental Health care Services to Adolescent	1,00,000
	Madhu B Community Medicine	Cost of illness and Diabetes-Specific Quality of Life	1,00,000
ISPPD	Dr.Sunil Kumar D Community Medicine	Oral health related quality of life	25,000
University of Arizona	Dr. M.V.S.S.T.Subbarao Biochemistry	CARE study	USD 30,000 (24,98,550)
Pfizer- USA	Dr. M N Sumana Microbiology	Antimicrobial stewardship	1,00,00,000
WHO	Dr Tejashree A Microbiology	Surveillance Of Multidrug-Resistance	18,00,000
Global Infectious Disease (GID), Fogarty, NIH	Dr.Mahesh P A Respiratory Medicine	Global Infectious Diseases	USD 1.1 Million (9,16,13,550)
Swedish Heart Lung foundation, Karolinska Institute	Dr.Mahesh P A Respiratory Medicine	Molecular patho-mechanism of biomass smoke induced chronic obstructive pulmonary disease	65,00,000
	Dr.Mahesh P A Respiratory Medicine	lung micro biome in biomass smoke exposure	46,00,000
	Dr.Mahesh P A Respiratory Medicine	Adverse effect of outdoor and indoor air pollution	15,00,000
University of Birmingham	Dr.Mahesh P A Respiratory Medicine	Characterize Asthma and allergic rhinitis in the Indian population	20,00,000
Google Research, USA	Dr Vikram Patil Radiodiagnosis	Objective structured clinical examination in the era of artificial intelligence	5,00,000
Humor tech international limited	Dr Nayanabai Shabadi Community Medicine	Smart breath analyzer and its validation as a screening tool among diseased and healthy controls	2,00,000

Research projects completed with outcome

Sl. No.	Sponsoring Agency / PI	Dept.	Outcome Publications / Ph.D.
1	DBT-Ramalingaswamy Fellowship Dr.Divya Prasanna Kumar	Biochemistry	17 Publications 4 Ph.D. enrolled 1 Ph.D. Thesis submitted
2	DBT-Ramalingaswamy Fellowship Dr.Prasanna Kumar	Biochemistry	5 Publications 8 Ph.D. enrolled 2 Ph.D. Synopsis submitted
3	JSS AHER – 25 Projects		1 Publication 1 Publication submitted
4	ICMR- NTF Dr Deepa Bhat	Anatomy	13 Publications 3 Ph.D Scholars Enrolled 2 Publications 4 M.Sc. Degree awarded
5	DBT - Dr. M.V.S.S.T. SubbaRao	Biochemistry	
6	DST-CSRI Dr. M.V.S.S.T. SubbaRao	Biochemistry	
7	ICMR Dr. M.V.S.S.T. SubbaRao	Biochemistry	
8	DST-SATYAM Dr.B.Madhu	Community medicine	
9	KSTA (3) Ms.Varsha Ms. Nirmala G.S. Ms. MedhaKarnik S R	Biochemistry	
10	IADVL (3) Dr. Shree Lakshmi.B Dr. Ashwini P K Dr. Ranugha P.S.S.	Dermatology	
11	WHO-ICMR, NCDIR Dr.Praveen Kulkarni	Community medicine	
12	Humor tech international limited. Dr.Nayanabai Shabadi	Community medicine	

Research project submitted

Funding Agency	Department	No. of Projects	Funds
ICMR	Physiology	1	8,79,50,000.00
	Pharmacology	3	
	Microbiology	4	
	Psychiatry	1	
	Nephrology	1	
	Comm. Medicine	3	
	School of Public Health	4	

VGST	Medical Genetics	1	40,00,000.00
DST	Microbiology	1	2,00,00,000.00
JSS AHER	JSSMC	32	27,14,534.00
	Total	**51**	**11,46,64,534.00**

Funding Agency	Department	No. of Projects
ICMR	Biochemistry	04
	Medical Genetics	04
	Pharmacology	01
	Microbiology	02
	Community Medicine	09
Novo Nordisk India Private Limited	Medicine	01
	Total	**21**

Patents

Sl. No.	Patent Application No.	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Published Date / Granted Date	Patent Publication Number / Patent Granted Number
1	201741010900	Doreswamy, Srinivasa Murthy	Feed Rail-Automated Gravity Feeding Device For Premature Infants	JSS Academy of Higher Education and Research	03-02-23	423897

Details of Copy Right

Sl. No.	Title	Investigator	Date of copy right approved	Registration number
1	Puzzles To Pertinent Prescription of Antimicrobials - Intra - Abdominal Infections	Dr.Sumana M.N.	10/05/2024	CF-5671/2024
2	Simplified and Storified Action of Antibiotics (SSAA)	Dr.Sumana M.N.	20/02/2024	CF-5605/2024
3	Hand Hygiene through Simple English Poem	Dr.Sumana M.N.	10/05/2024	CF-5670/2024
4	Animation Video for Adverse Effects of Antibiotics	Dr.Sumana M.N.	15/03/2024	CF-5640/2024
5	Lower UTI	Dr.Sumana M.N.	21/03/2024	L-145512/2024
6	UPPER UTI 01	Dr.Sumana M.N.	01/03/2024	L-144550/2024
7	UTI copyright	Dr.Sumana M.N.	25/01/2024	CF-5556/2024

Research Employment

Sl.no	Positions	Number
1	Junior research fellow	18
2	Senior research fellow	05
3	Scientist C	02
4	Assistant professor	06
5	PHD	12
6	Senior Resident	01
7	Project assistant	08
8	Research assistant	10

Research Collaborations & Consultancies

- **Department of Biochemistry with Indira Gandhi Institute of Child Health:**
  Department of Biochemistry has collaboration with Indira Gandhi Institute of Child Health to work in the area of DMD (*Duchenne muscular dystrophy)* Research. The main objectives are to identify and validate novel biomarkers for screening and monitoring Duchenne Muscular Dystrophy (DMD) by conducting comprehensive proteomic analyses of serum and plasma samples collected from DMD patients, female carriers, and age-matched healthy controls.
- **Department of Biochemistry with SudhiShubha ChemSynthons, S.P.183, KSSIDC Industrial Estate, Jigani:**
  Department of Biochemistry has collaboration with SudhiShubha ChemSynthons, S.P.183, KSSIDC Industrial Estate, Jigani to work in the area of DMD (*Duchenne muscular dystrophy)* Drug Repurposing on the DMD model: Identifying and exploring the potential of repurposing existing drugs using the In:silico Schrodinger Suite for improving the DMD condition by modulating the Utrophin levels. Confirming the action of identified drugs on DMD models under wet lab conditions. Investigating the underlying mechanisms of action of the drugs in DMD models, and correlate these findings with their phenotypic effects.
- **Department of Medical Genetics with WIPRO Limited:**
  Department of Medical Genetics has collaboration with WIPRO Limited to work on Rare genetic diseases. Samples will be sent to WIPRO for exome sequencing. It will help mutually in extending the scope of our diagnostic services with inclusion of NGS data analysis as one of the tests in our Medical Genetics laboratory.
- **Department of Medical Genetics with Indian Institute of Science:**
  Department of Medical Genetics has collaboration with Indian Institute of Science Limited to work Cancer and Diabetes. An MOU has signed to progress in this regard.
- **Department of Pharmacology with Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare:**
  Department of Pharmacology has collaboration with Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare to work on Cancer Biology. To find out novel drug targets, isolation of compounds of medicinal value from herbal products. To share competent and relevant services like providing Ayurvedic formulations to ensure quality research in finding novel drug targets. To undertake joint scientific projects in the field of drug development. MOU has been signed.
- **Department of Pharmacology with Leads Clinical Research and BioServices Pvt. Ltd:**
  Department of Pharmacology has collaboration with Leads Clinical Research and BioServices Pvt.

Ltd to work on clinical / preclinical trials. Joint Academia-Industry clinical research training programs, Exchange of faculty and research staff for collaborative research and publications based on the policies of both entities.

- **Department of Pharmacology with Defence Food Research Laboratory, (DFRL) Mysuru:**
  Department of Pharmacology has collaboration with Defence Food Research Laboratory, (DFRL) Mysuru to work in the area of Preclinical / clinical studies in the development of food products. MOU has been signed in this regard.
- **School of Public Health with Public Health Research Institute of India:**
  School of Public Health has signed MOU with Public Health Research Institute of India. The main objective of this MOU is to drive HPV vaccination among adolescent girls Peri -urban & rural Mysore communities in INDIA.
- **School of Public Health with University of Arizona:**
  School of Public Health has collaboration with University of Arizona to work in Research & student exchange activity. MOA has been signed in this regard
- **School of Public Health with Grassroots Research and Advocacy Movement (GRAAM):**
  School of Public Health has collaboration with Grassroots Research and Advocacy Movement (GRAAM) foundation to develop students of MPH with professionalism, leadership and to be socially responsible youth of the nation. To Build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. To Mentor students in the space of urban governance and to conduct group research, for in-depth understanding of the urban governance issues. To embrace the challenges of the 21st Century by being part of the governance system and to find innovative solutions to new age challenges. MOU has been signed.
- **School of Public Health with NOVARTIS:**
  School of Public Health has collaboration with NOVARTIS to work on the area of Ambari Sickle cell disease Health systems project which deals with sickle cell anaemia screening, awareness & management among tribal population.
- **Department of Dermatology with JSS Academy of Technical Education, Bangalore:**
  Department of Dermatology has collaboration with JSS Academy of Technical Education, Bangalore to work in the area of 1)Acne vulgaris- Development of application for automated grading of acne & 2)Patch Testing in Allergic Contact Dermatitis.
- **Department of Dermatology with SJCE, Mysore:**
  Department of Dermatology has collaboration with SJCE, Mysore, Bangalore to develop Dermoscopy useful in Lichen Planus.
- **Department of Clinical Psychology with Clinical Psychology Society of India**
  Department of Clinical Psychology has collaboration with Clinical Psychology Society of India to work in the area of impact of bereavement after snake bite on family members and identifying mental health issues in snake bite survivors. An MOU has been signed in this regard.
- **Department of Hospital Administration with Boston University:**
  Department of Hospital Administration has collaboration with Boston University to observe Indian Health Care System in a Medical College Hospital.
- **Department of Rheumatology with Asia Pacific League of Associations for Rheumatology** (APLAR):
  Department of Rheumatology has collaboration with Asia Pacific League of Associations for Rheumatology (APLAR) to do longitudinal prospective cohort study: Clinical scenario stage association with gout. To properly approach gout in the Asia-Pacific setting, physicians need local gout data to learn more about patients' clinical characteristics, response to medical management, and treatment outcomes.

Special Interest Group

A research community within JSSAHER connecting constituent colleges with a shared interestin advancing a specific area of knowledge, learning or technology where members coordinate within their particular field, specialties and communicate, meet, and plan research advances.

SL.NO	AREA	AMOUNT
1	Respiratory and Environmental Diseases	590689.00
2	Cancer Biology and cancer Stem Cells	500000.00
3	Human Genomics and Rare Disorders	595700.00
4	Comprehensive Geriatric Care	445695.00
5	Public Health	450000.00
6	Patient Care Management	397898.00
	TOTAL	**2979982.00**

6 Hospital Statistics

Genetic counselling

Details	Numbers
New Cases	333
Old Cases	318
TOTAL	651

Laboratory Investigations

Department	No of Investigations
Biochemistry	994695
Pathology	2093968
Microbiology	239670

Forensic Medicine

Sl.No.	Medicolegal Work	Numbers
1	Autopsy	56
2	Sexual Offence – Victim/Offender Examination	09
3	Expert Opinion	05
4	Court duty	10

Medical Departments

Department	OPD	IPD	Other procedures
Medicine	110307	12213	---
Respiratory medicine	22084	2242	3742
Geriatrics	10575	1782	---
Paediatrics	55936	7045	---
Dermatology	63962	1505	9313
Psychiatry	22761	1199	15605
Emergency medicine	36693	12802	---
Rheumatology	13075	876	---

Surgical Departments

Department	OPD	IPD	Day Care	Major OT	Minor OT
General surgery	77518	9831	922	3457	7275
OBG	57365	6250	1134	2545	1899
Orthopedics	55425	5080	756	2484	4657
ENT	43782	2587	641	1389	4865
Ophthalmology	33817	1631	691	1664	802

Super - specialty Departments

Department	OPD	IPD	Day care	Major OT	Minor OT
Cardiology	25829	1425	---	1246	---
Nephrology	14042	1971	---	---	---
Neurology	21392	1101	---	---	---
Medical gastroenterology	19204	1905	696	---	---
Surgical oncology	1783	297	---	181	194
Medical oncology	8861	2944	3530	---	__---
Urology	27514	1636	978	2567	1238
Neuro – surgery	17117	2160	---	676	2143
Paediatric surgery	4926	675	---	557	---
CTVS	2011	328	---	145	---
Surgical gastroenterology	3645	963	---	469	---
Plastic surgery	11150	955	---	755	2441

Anesthesiology

Sl.no	Department	TOTAL
1	Surgery	3457
2	Obstetrics and gynaecology	2545
3	Urology	2567
4	Orthopedics	2484
5	Ent	1389
6	Neurosurgery	676
7	Plastic surgery	755
8	Surgical oncology	181
9	Paediatric surgery	557
10	Surgical gastroenterology	469
11	Ophthamology	1664
12	Cardio thoracic surgery	145
13	Cardiology	1246
	TOTAL	**18,135**

Community Outreach

Adolescent day

Department of community Medicine, JSS Urban Health Center, JSS Medical College, Mysuru observed Adolescent day in association with Inner wheel club of Mysuru Gold. A Programme was organized to create an awareness on Menstrual Health and Hygiene to girls studying in 5th to 10th standard of Government Higher Primary school and Government High School Yadavagiri, Mysuru at Yadavagiri school premises on 01.08.2023.

Dr Rama H.V, Lady Medical officer of JSS Urban Health Center gave a talk on Menstruation, Menstrual hygiene, Adolescence Managing Problems during adolescence. This was followed by question and answer session and queries from students were clarified.

The Hygiene kit including 10 sanitary napkins, toothpaste, tooth brush, soap were distributed to the school which was sponsored by Inner wheel club of Mysuru Gold.

Smt. Uma Anil, President, Smt Vijayalakshmi secretary of Inner wheel club of Mysuru Gold, Sri. Mahesh, Head Master, Government High School, Smt Nagaveni, Head Mistress Government Higher Primary School yadavagiri and their staff, Medico social students, were present during the event.

40 girls attended and gained the knowledge through the programme.

Sri. Santhosh, Health Inspector, Sri Sunil, Health Assistant. Sri. Mallikarjuna swamy, Social Worker. coordinated the Programme.





Free cataract screening camp

Free cataract screening camp was held at JSS Urban Health Center on 10.07.2023, organized by department of ophthalmology, JSS Hospital.

18 case were screened, 06 selected cases were taken to JSS Hospital, cataract surgery was done. Postoperative was uneventful.





General Health Check up camp

A Free General Health camp was organized at Subramanya Temple premises, Medar Block, Bamboo Bazaar on the occasion of Kavadi festival at the temple on 09.08.2023.

25 People were examined. General screening and BP checkup was done. 04 persons with high BP were referred to JSS Urban Health Centre. Oral screening was done for by JSS Dental College.

Dr. H.V Rama Lady Medical officer, JSS Urban Health Centre, Interns of JSS Medical college & JSS Dental College examined the patients.

MSW students field staff of JSS Urban Health Centre organized the event.

The Temple authorities thanked Urban Health Center for conducting the Health camp.





Awareness and Health Check up camp

Department of Community Medicine, JSS Medical College, JSS AHER and Department Pharmacy Practice , JSS College Of Pharmacy had jointly organized an awareness Programme on smoking and Lung cancer & Free General Health screening at JSS Urban Health Center, Bamboo Bazar on 24.08.2023.

The Programme was inaugurated by Dr. Sunil Kumar D, Head of the Department of Community Medicine, Dr. Kiran, Oncologist, JSS Hospital, Dr. Jaidev Kumar, Pharmacy Practice , JSS College Of Pharmacy by watering the plant.

Dr. Kiran, Oncologist addressed the pourakarmikas and gave a talk on harmful effects of smoking, Lung cancer & methods Of quitting tobacco. Dr. Sunil Kumar D, urged the participants to take care of their health by avoiding smoking, alcohol , tobacco consumption which world be detrimental to their health. Dr. Amoghashree, JSS Urban Health Center Coordinator, Dr. Rashmi S, Senior Resident, Department of Community Medicine, Dr. Rama H.V, Medical Officer, were Present. 17 Pourakarmikas and 05 Local people Participated. Sri. Rajendra & Sri. Kodanda Local Leaders thanked JSS for organized the awareness Programme to the local slum dwellers.

All were screened for risk factors. 4.5% had family history of lung cancer, 13.6% gave history of smoking and another 13.6% told they chew tobacco and 13.6% were passive smokers. 3 were hypertensive and 1 had IHD. Later counselling was given to all the beneficiaries. An awareness Programme on Prevention & Management of Substance abuse was held for High School children on 16.09.2023 at Government High School, Medar's Block, Bamboo Bazaar.





World Hypertension Day

Department of Community Medicine, JSS Medical College JSS AHER conducted a screening camp in Chamundeshwari Temple Premises. Medar Block Bamboo Bazaar opposite JSS Urban Health Centre on the occasion of the **World Hypertension Day** on 17.05.2024. It Coincided with Karaga festival in temple.

45 People were Screened. 14 known hypertensives were checked and advised regular follow up. 1 new case of hypertension was detected. 9 cases of Diabetic also advised follow up. An awareness session on Hypertension was held by Dr H.V Rama Lady Medical Officer, JSS Urban Health Centre on the theme -- **“Measure your Blood Pressure Accurately Control it, Live Longer”**.





Skill and simulation lab JSSAHER

Revenue generation from participants other than JSS medical college

Sl No.	COURSES / WORKSHOP	Revenue
1	GCP NDCT & Critical thinking workshop	12,712.00
2	JSS college of Nursing BLS course	2,94,000.00
4	JSS College of Nursing NRP workshop	11,800.00
5	Monitoring in ICU JSS College of Nursing workshop	4,484.00
6	JSSMC B.Sc., Technicians 2019-20 batch BLS & ACLS	3,08,000.00
7	JSS College of Pharmacy BLS & ACLS course	3,70,000.00
8	JSS Ayurveda College BLS course	2,94,000.00
9	Dr.Syeda Sameera ((JSS Dental college Alumni for visa)	11,800.00
10	Anushree (Indira IVF centre staff Nurse, Mysuru)	11,800.00
11	Ramya (Indira IVF centre staff Nurse, Mysuru)	11,800.00
12	Dr.Rohith Shastry, (Bangalore, for UK visa)	11,800.00
13	Pramoda G (Hassan for UAE visa)	11,800.00
14	Shubham Sompura S D (Hassan for UAE visa)	11,800.00
15	Koushik G S (Nursing staff Manipal hospital, Mysore)	3,540.00
16	JSS College of Physiotherapy MPT students BLS course	1,11,000.00
17	Chandana M (Chinmayi Hrudayalaya staff, Mysore)	3,540.00
18	Ningaraju S (Apollo Hospital, staff Nurse)	11,800.00
19	Manu Kumar B (Al Ansar Hospital, staff Nurse)	11,800.00
20	Mohammad (JSSMC student for VISA)	10,000.00
21	Dr.Preeti (New med health Mysore, Duty doctor)	3,540.00
22	Prathap Sukumar Lal (Manipal hospital for UAE visa)	3,540.00
23	Basic NRP For Ayurveda college students	5,310.00
24	Dr. Ameena	11,800.00
25	Dr. Richard Gladson	11,800.00
26	Dr. Pradeep Rajanna	11,800.00
27	Dr. Anish Kumar	11,800.00
28	Dr. Afia Samar	3,540.00
29	JSS School of Nursing BLS course	2,64,000.00
30	FMG STUDENTS	40,000.00
31	BLS (PALS) Course for outsiders	38,940.00
32.	IAPALS COURSE	27,140.00
33.	BLS Course for UG Asclepius conference – 2023 students	17,700.00
34.	FMG Students	40,000.00
35.	Dr. Bharath Raghukultilak	11,800.00
36.	Dr. Aishwarya Krishnan	11,800.00
37.	Dr. Spurthi	11,800.00
38.	ASL 5000 Lung module usage by skanray co.	47,200.00
39.	Non-AHA BLS course for JSS Dental college staff	1,11,000.00
40.	P Nalitha Angel	3,540.00
41.	Binu Sudheer	3,000.00
	Total	**25,07,946**

Publications

1. Shobha C. Ramachandra, Akila Prashant, Akshitha Shivanna, Ananth K. Bhujanga, Syeda Meherunnisa, Prashant Vishwanath. “Cost-effective markers to identify metabolically healthy/ unhealthy individuals and their future risk for cardiovascular disorders”. International Journal of Health and Allied Sciences . 2023 Sep;12:46-58.
2. Nivya Jimmy, Meghana Upadhya, Jesslyn Maria Jaison, Shahal Sidheque, Dr Harsha S, Dr Nemichandra S C, Shasthara Paneyala, Dr Ramesh Madhan, Dr Sri Harsha Chalasani, Jehat
3. Syed, Nikita Pal. A Clinical Pharmacist-led Approach on Reducing Drug Related Problems Among Patients with Neurological Disorders: An Interventional Study. Exploratory Research In Clinical And Social Pharmacy. 2023 Jul 8:11:100302.
4. Apurba Patra, Adil Asghar, Pushpa NB, Kumar Satish Ravi. A closer La Clinical Therapeutica. . 2023 Sep;174(3):436-443.
5. Dr Ramesh Madhan, Alias Karammel, Marcia Jacob, Taniya Joy, Paul Varghese, Dr Sri Harsha Chalasani, Dr Subhash Chandra B.J, Jehath M Syed. A hospital-based cohort study on drug-related problems associated with high-risk medications amongst special populations. Pharmacoepidemiology and Drug Safety. 2023;32(S1):290-291.
6. Priya J Aradhya, Dr.Ramesh Madhan, Dr.Sri Harsha Chalasani, Dr Subhash Chandra B J. A novice stratagem in the quantification of the contributing factors associated to medication errors. Pharmacoepidemiology and Drug Safety. 2023;32(S1):495.
7. Netra G, Amoghashree, Saraswati V Sajjan. Assessment of HPV Awareness and Vaccination Uptake Among Medical Students in Davangere. International Journal Of Life Sciences, Biotechnology And Pharma Research. 2023;12(2):2741-2746.
8. Priya J Aradhya, Ravina Ravi, Dr Subhash Chandra B.J, Dr Ramesh Madhan, Dr Sri Harsha Chalasani. Assessment of Medication Safety Incidents Associated with High-alert Medication Use in Intensive Care Setting: A Clinical Pharmacist Approach. Indian Journal Of Critical Care Medicine. 2023;27(12):917-922.
9. Charmi Chhatrala, Dr Ramesh Madhan, Dr Sri Harsha Chalasani, Dr Bhanukumar M, Jehath M Syed. Assessment of narrow therapeutic index drugs and associated drug related problems: A prospective cohort study. Pharmacoepidemiology and Drug Safety. 2023;32(S1):322.
10. Dr Amoghashree, Dr Narayan Murthy, Dr Chandan S. Assessment of Out of Pocket Expenditure on Noncommunicable Diseases in Urban Slum of Mysuru City. Indian journal of medical specialities. 2023 Sep;14(3)157-16.
11. Das S, Pandey M K. Behavioral Addictions: An Emerging Public Mental Health Crisis?. Indian Journal of Social Psychiatry. 2023 Sep;1(39):230-235.
12. Kavitha guladahalli Manjunatha, Chethana Chandrahasa, Sadanand Dangari Akshay, Akhila Dharnappa Sannejal, Rajeshwari Vittal, Shrikrishna Isloor, Khang Wen Goh, Ramith Ramu, Devananda Devegowda. Comprehensive Update on Rabies: A Neglected Zoonotic Disease of Public Health Concern. Progress in Microbes & Molecular Biology. 2023 Dec;6(1):1-21.
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9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Scientific outlook

आ नो भद्राः क्रतवो यन्तु विश्वतः

ऋग्वेद १-८९

Let noble thoughts come to us from all and every direction in the universe

Contributors



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About SDG 9

Building Resilient Infrastructure, Promoting Sustainable Industrialization, and Fostering Innovation

SDG 9 is a cornerstone of sustainable development, focusing on creating resilient infrastructure, promoting sustainable industrialization, and fostering innovation. These elements are essential for driving equitable access to basic services, enabling economic growth, and addressing global challenges.

Building Resilient and Sustainable Infrastructure:
Developing robust and sustainable infrastructure is key to ensuring that everyone has equitable access to essential services. In recent years, significant progress has been made globally, including in India, with initiatives such as the **Bharatmala Project** and the **Sagarmala Initiative** aimed at enhancing road networks and port connectivity. Despite these advancements, disparities in infrastructure accessibility persist, particularly in rural and underserved areas. Continued efforts are necessary to close these gaps and ensure that infrastructure development is inclusive and sustainable.

Fostering Sustainable Industrial Growth:
Balancing economic growth with environmental sustainability is a complex but necessary endeavour. The transition towards cleaner production methods and the efficient use of resources is progressing, as seen in India's emphasis on **green manufacturing** and the promotion of **eco-friendly technologies** under the **National Manufacturing Policy**. However, the transformation of industries and supply chains into sustainable models remains a challenge globally. Policies like the **European Union's Green Dea**l and India's **National Action Plan on Climate Change (NAPCC**) are crucial in driving this shift. Collaborative efforts between governments, businesses, and communities are vital for accelerating this transition.

Promoting Innovation for Sustainable Development:
Innovation plays a pivotal role in developing solutions to economic, social, and environmental challenges. Globally, there has been a surge in technological advancements in renewable energy, digital connectivity, and healthcare. India has become a hub for innovation, with initiatives such as **Startup India***and the **Atal Innovation Mission** fostering a vibrant ecosystem for technological development. Investment in research and innovation is crucial to achieving breakthroughs that can drive sustainable development.

Integrated Strategies for Achieving SDG 9:
To achieve SDG 9, integrated strategies that strengthen infrastructure, transform industries, and boost innovation are essential. India's focus on **Digital India** and global efforts like the **United Nations Industrial Development Organization (UNIDO)** initiatives are examples of how infrastructure, industry, and innovation can be interconnected to build resilient economies and societies. Sustainable technologies, equitable access to resources, and comprehensive policies are needed to ensure that the benefits of these developments are widespread and inclusive.

By bringing together these critical elements—resilient infrastructure, sustainable industrialization, and innovation—we can build a future where prosperity is achieved through sustainable means. The promise of SDG 9 can be realized with concerted global and local action, ensuring a better world for all.

Campus facilities for students

We have implemented a range of campus facilities designed to enhance the student experience and ensure that their time on campus is enriching and productive.

1. **Green Campus Initiatives:** It promotes sustainability and an eco-friendly environment. We restrict automobile entry to reduce carbon emissions, providing electric and battery-powered vehicles for on-campus transport. Pedestrian-friendly pathways encourage walking, and a strict ban on plastics supports waste reduction. The campus is beautifully landscaped with trees and plants, enhancing its natural beauty and serenity. Additionally, students are encouraged to use bicycles for a sustainable and healthy mode of transportation.

2. **Internet Browsing Facilities:** Students can access the Internet at various locations across the campus, including digital libraries, meeting rooms, and hostel reception areas. This ensures easy access to digitized curricula and online resources.

3. **Bank Branch and ATM:** The campus has its own bank branch and ATM, offering convenient on-site banking services to meet students' financial needs.

4. **Canteens & Restaurants:** Strategically located canteens and restaurants are available to serve both students and parents, providing a variety of dining options that offer convenience and satisfaction.

5. **Well-Equipped Laboratories:** Each department on campus is equipped with state-of-the-art laboratories, ensuring that students have the practical resources needed for hands-on learning in their respective fields.

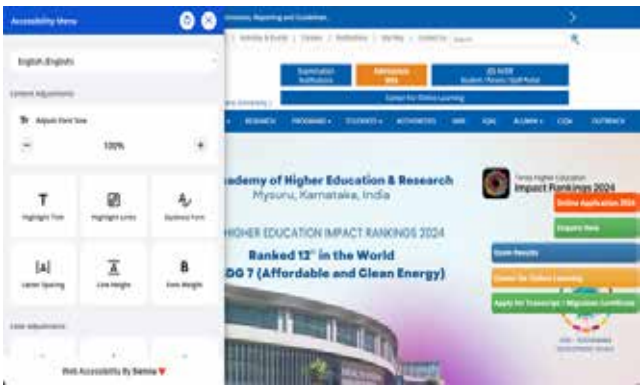
6. **Parking Facilities:** Dedicated parking lots are available for students and faculty, offering ample space for vehicles and cycles and streamlining campus transportation.

7. **24-Hour Security Service:** A round-the-clock security service is in place to maintain a safe and secure environment for all students and staff.

8. **Gymnasium:** A modern gymnasium is available to students and staff, promoting fitness and a healthy lifestyle within the campus community.

9. **Assistive Technology and Accessibility for Divyangjan:** The campus has comprehensive assistive technology and facilities to ensure accessibility for Divyangjan (persons with disabilities). This includes wheelchairs, ramps, disability-friendly washrooms, and an accessible website with screen-reading software and other mechanized equipment.


JSS AHER - Overview of Student Hostels


Accessibility Menu
English (English)
100%
Mysuru, Karnataka, India
HIGHER EDUCATION IMPACT RANKINGS 2024
Ranked 13th in the World
DG 7 (Affordable and Clean Energy)


PG RESIDENTS HOSTEL







FACULTY DEVELOPMENT PROGRAMME [FDP] ATTENDED BY FACULTY

Sl. No.	Name & Designation	Title of the programme	Date, Name of the Institution & Place	Copy of Certificate & Photos (jpg format)
1	Dr Vidya C S	Innovative Teaching Strategies and Tools in the Digital Age	03/01/2024 to 09/01/2024, Scrollwell and Lyallpur Khalsa College Kapurthala, Punjab	
2	Dr. Vinutha S P Assistant Professor, Anatomy	"Innovative Teaching Strategies and Tools in the Digital Age"	03/01/2024 to 09/01/2024, Scrollwell and Lyallpur Khalsa College Kapurthala, Punjab	
3	Dr Anil Kumar M R, Professor, Dr Anup N R, Asst Professor Dr Sarika M Shetty, Asso. Professor, Dept of Anesthesiology	7 days - Innovative teaching strategies and tools in the digital age	Jan 3rd to Jan 9th 2024, JSS Medical College	

PROGRAMME CONDUCTED

(CME / Workshop / Conference / Seminar / Symposium / Quiz)

***Theme* – Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions - 22nd, 23rd, 24th November 2023 by Comm. Medicine**



The Departments of Community Medicine and Respiratory Medicine, JSS Medical College, and JSS Academy of Higher Education Mysuru, jointly organized the **International Tuberculosis Conclave**-2023 on the 23rd and 24th of November with four pre-conference workshops on 22nd November 2023 at Sri Rajendra Auditorium, JSS Medical College, SS Nagara, Mysuru. The conference theme is **"Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions."**

Tuberculosis (TB) is a significant cause of ill health and death worldwide. The sharing of knowledge, best practices, innovations, and strategies through scientific platforms is essential for policy-making and program implementation for prevention and control of Tuberculosis. International Tuberculosis Conclave-2023 aimed at bringing together experts from around the world to share information and best practices on preventive, diagnostic,

and therapeutic advances in TB.

More than 500 delegates from various parts of India and overseas and 34 renowned resource persons from reputed institutes in India and abroad participated. The conference provided an academic feast, and exchange of scientific ideas through scientific presentations and interactions. There were sessions on critical thinking to overcome the existing challenges.

Day 1:22nd Nov 2023

Four parallel pre-conference workshops were organized on 22nd November 2023 with themes on Operational Research in TB, Digital Health & AI, Diagnostics, and quality improvement in TB. Eminent speakers from ICMR-National Institute of Epidemiology (NIE), National Tuberculosis Elimination Programme (NTEP), Karnataka Health Promotion Trust (KHPT), and prominent medical colleges handled the sessions with hands-on training. The workshops witnessed more than 150 enthusiastic participants both online and offline from various parts of India. The pre-conference Workshops set out a pre-amble of priority topics on Tuberculosis which were very well received with brainstorming hands-on sessions.

Day 2: 23rd Nov 2023

The conclave featured a series of plenary sessions and round table meetings with renowned resource persons from the World Health Organization, Emory University- USA, Imperial College of London, Central TB Division, Govt. of India, National Institute of Epidemiology, Chennai, National Institute for Research in Tuberculosis, Chennai, National Centre of Disease Control - Govt. of India, State TB Division of Karnataka, members of national & state taskforce for TB, and representatives from leading NGOs participated in this conclave.

The day started with a session on Tuberculosis: the path travelled from 'control to the ambition of 'elimination' by Dr Somashekar N, Director, National Tuberculosis Institute (NTI), Bengaluru followed by a session by Dr. Anil S, Deputy Director, TB STO, Karnataka State, Bengaluru, Karnataka on Management of DS TB, Role of steroids and Adverse Drug Reactions of ATT.

The inauguration of the conclave was held at 10.30 am at Sri Rajendra Auditorium, JSS Medical College, Mysuru where Dr Sunil Kumar D, Organizing Chairman formally welcomed the gathering. This was followed by lighting the lamp by Dr Salil Bhargava, Dean, Gandhi Medical College, Bhopal who was the Chief Guest. He also, while releasing the E-Souvenir of the conclave, highlighted the importance of conducting a conference at the International level, stressed on addressing co-morbidities like malnutrition, and also highlighted initiatives of the government like TB Mukth Gram Panchayat.

Hon'ble Sri Bhagwanth Khuba, Minister of State for Chemicals, Fertilizers, New and Renewable Energy, Govt of India highlighted the efforts of the current Govt of India towards TB elimination. He ended on a positive note with 'TB Harega, Bharat Jeetega'. Hon'ble Sri A Namassivayam, Minister for Home, Electricity, Education, Industries & Commerce, Govt of Puducherry presided over the ceremony. He highlighted the challenges of TB and tackling the disease towards elimination and efforts of the present government towards TB Mukth Bharath. Dr. B. Suresh, while addressing the august gathering appreciated the efforts of both the departments in the past and extended his support for TB elimination in the future as well.

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji graced the occasion. His divine benediction addressed the issues of tuberculosis and how it affects the families and the role of stakeholders towards its elimination.

Dr.C.G.Betsurmath, the Executive Secretary of JSS Mahavidyapeetha, Dr.B.Suresh, Pro-Chancellor and Dr

Surinder Singh, Vice Chancellor, Dr B Manjunatha, Registrar, JSS Academy of Higher Education & Research were the Guests of Honour. Dr Rajendra Panduranga Joshi, DDG, Central TB division, Ministry of Health and Family Welfare, Govt. of India, Dr Suma M N, Vice Principal, Dr Praveen Kulkarni, Vice Principal, Dr Jayraj, Professor and Head, Dept. of Respiratory Medicine were present. Dr Nayana Shabadi, Organizing Secretary proposed the vote of thanks. Dr Sunitha Singh and Dr Shwetha Kurkuri, Assistant Professors, Department of Community Medicine compered the whole event.

The first session post lunch was a panel discussion on MTB Vs Humans: Who is making better strategy? Moderated by Dr.Saurabh Kumar, Chairman STF, Karnataka Professor & Head Department of Community Medicine, JGMM Medical College, Hubballi. The panelist were Dr.Hemant D Shewade Scientist - E, Division of Health Systems Research ICMR – by National Institute of Epidemiology (ICMR-NIE), Chennai (Dept. of Health Research, Ministry of Health and FW, Govt. of India), Dr.Sanjay Suryawanshi, WHO National Consultant, Central TB Division, Ministry of Health and Family Welfare , GOI, New Delhi and Dr.Balu P.S. Chair, ZTF South Zone-1, NTEP Director, C-DART, Basaveshwera Medical College & Hospital, Chitradurga. The next technical sessions were on the Diagnosis of latent TB & other emerging laboratory diagnostics in TB Dr.Nirmala A.R., Senior Specialist, State TB Cell, Karnataka, Role of Medical Colleges in End TB efforts by Dr.Ashok Bhardwaj, Chairperson, National Task Force (NTF) and Professor Emeritus at MM Medical College Solan, Himachal Pradesh, India. The day concluded with another session by Dr.Somashekar. N, Director, National Tuberculosis Institute (NTI), Bengaluru on Extra-pulmonary Tuberculosis: challenges and solutions.

Day 3: 24th Nov 2023

Day 3 started with a technical session by the power of panchayats- Accelerating TB elimination efforts at the grassroots by Ms. Mallika Biddappa Tharakan**,** Lead, Knowledge Management, KHPT**. The second session of the day was by** Dr Kiran Kumar Rade**,** National Professional Officer (NPO), TB Epidemiologist, WHO, India on TB Vaccines- A new Hope. This was followed by subsequent technical sessions on Pediatric TB management b**y** Dr Sangeeta Sharma**,** Prof & Head, Pediatrics Dept National Institute of Tuberculosis and Respiratory Diseases, (NITRD) New Delhi (Autonomous Institute under the Ministry of Health & Family Welfare Govt. of India) **and** Dr Vinod Ratageri Professor, Dept of Pediatrics, Karnataka Institute of Medical Sciences, Hubballi and Community Engagement in TB management b**y** Dr. Ramya Anathakrishnan**,** Director at REACH (Resource group for Education and Advocacy for Community Health) India.

First session post lunch was by Prof. Nimalan Arinaminapathy, Faculty of Medicine, School of Public Health Professor in Mathematical Epidemiology Imperial College of London, UK on Mathematical Model Analysis – best utilization in achieving END TB goal. This was followed by a session on Role of TB preventive therapy in TB Prevention by Dr Shazia Anjum**,** WHO, State Consultant, NTEP**,** Karnataka and another session on Tuberculosis Prevalence survey (National & Sub National) by Dr Leeberk Raja I**,** Scientist- E**,** ICMR- National Institute for Research in Tuberculosis, Chennai Dept. of Health Research, Ministry of Health & Family welfare. The technical session for the day concluded with the last session on Successfully Eliminating TB through Quality Improvement- PDSA by Dr. Manoj Jain, **MD MPH** Rollins School of Public Health, Emory University -Atlanta. **The conference ended with valedictory function. The winners of various events were distributed prizes.**

ONE-DAY WORKSHOP – MAGICC (Medical Hackathon Aimed towards Groundbreaking Innovation from Concept to Commercialization) – 28-07-2023



The Institution Innovation Council of JSS Medical College organised a one-day workshop MAGICC (Medical Hackathon Aimed towards Groundbreaking Innovation from Concept to Commercialization), for MBBS students to introduce healthcare innovation and entrepreneurship to aspiring medical professionals. Dr.Praveen Kulkarni, the Vice Principal, inaugurated the event, emphasising the importance of innovation in healthcare and encouraging students to submit their ideas to the YUKTHI portal for potential funding. Dr Shwethashree M, Assistant Professor of Community Medicine at JSSMC, led the Conceptualisation session, where students explored the Creation and Prototyping phase, guided by Mr Samyak Shah, representing 3 ZERO 3D PRINTING. After a refreshing tea break, Dr Raju C, a distinguished Professor from IIM Kozhikode, provided insights into the commercialisation aspect of healthcare innovation. Dr Balamuralidhara V, an Associate Professor & HOD at JSS College of Pharmacy, Mysuru, conducted a post-lunch session on Intellectual Property Rights. The workshop`s highlight was Session 5 - an enthralling Incubation Center Tour by Mr Praveen Kumar of SPARKLE CINE TEAM. Students had the opportunity to interact with real-life startup founders and healthcare innovators during the tour, which showcased cutting-edge technologies and inspiring success stories in healthcare innovation. The day concluded with a Q&A session, where participants sought clarifications and advice from the experts.

Ambari Sickle Cell Disease Health Systems Project: Multi-stakeholder Meeting and Panel discussion – 05-03-2024



The Ambari Sickle Cell Disease Health System Project was organised by The School of Public health. The main agenda of the gathering revolved around a thorough examination of the Government of India's policy blueprint aimed at eliminating sickle cell disease (SCD). Attendees were divided into five separate groups, each assigned to assess various aspects of the policy, including infrastructure, human resources, governance, and health system information systems.

The inauguration ceremony featured a symbolic plant-watering ritual, signifying the event's commitment to growth and revitalization. Subsequently experts, delivered insightful introductions, drawing from their extensive expertise and perspectives, setting the stage for a comprehensive and enlightened dialogue. Esteemed experts and dignitaries from across the globe convened for this assembly, including individuals such as Dr.Tulika Seth, Dr.Dipty Jain, Dr.Nandakumar Menon, Dr.Prantar Chakrabarti, Zoho corporation Chennai, , Mr.Gautam Dongre, Secretary, National alliance of Sickle cell organization (NASCO), and Dr.Tanya Seshadri, Director of Tribal Health Resource Centre, Vivekanand Girijana Kalyana Kendra, Additionally, noteworthy contributions were made by Dr.Staci Arnold, Associate Prof, Emory School of Medicine and Dr.Giriraj R Chandak, Scientist F, Centre of Cellular & Molecular Biology, Hyderabad.

Panel discussions underscored essential approaches vital for the efficient handling and elimination of Sickle Cell Disease (SCD). These strategies encompassed the elevation of public consciousness, the utilization of digital innovations for enhanced communication, the validation of screening and diagnostic techniques, and the formation of supportive frameworks within indigenous populations. Moreover, there was a suggestion to adopt a Public-Private Partnership (PPP) model as a pivotal strategy, aiming to leverage combined capabilities for substantial progress in addressing SCD.



The event concluded with a comprehensive presentation of strategic recommendations covering short, mid, and long-term initiatives drawn from the discussions, presenting a cohesive strategy for addressing Sickle Cell Disease (SCD). Concluding statements, provided by the faculty of the School of Public Health, conveyed deep appreciation to all participants for their invaluable insights and collaborative contributions. This gathering not only tackled the urgent challenges in SCD elimination but also outlined actionable plans, emphasizing a commitment to devising effective solutions through coordinated efforts and common goals.





Following the successful conclusion of the event a feedback session was conducted to gather insights, opinions, and suggestions from the participants. The purpose of this session was to assess the effectiveness of the event, identify areas of improvement, and gather feedback to enhance future events. The feedback session was attended by a diverse group of participants, including stakeholders, organizers, speakers, and volunteers who contributed to the success of the event. The session aimed to capture perspectives from various individuals involved in different capacities. The feedback session provided valuable insights and suggestions for enhancing future events. The organizers carefully reviewed the feedback received and incorporate relevant suggestions to improve the overall experience for participants.

Day 2:

DATE: 06.03.2024

MEETING ON AMBARI SICKLE CELL DISEASE HEALTH SYSTEM PROJECT SICKLE CELL DISEASE CARE: PANEL DISCUSSION WITH NATIONAL MENTORS

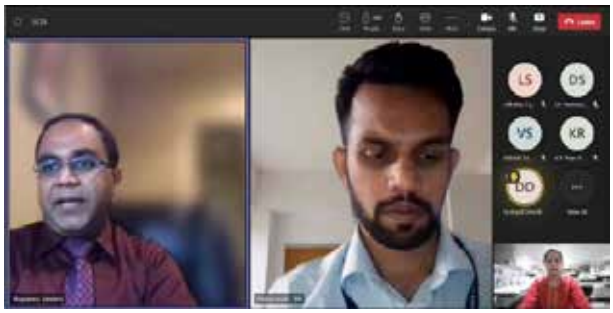
The Ambari Sickle Cell Disease Health System Project, in collaboration with the District Health and Family Welfare Services, Chamarajanagara, the Institute of Public Health, Bengaluru, and the Centre for Training Research and Innovation in Tribal Health, organized a panel discussion on March 6, 2024, at Chamarajanagara Institute of Medical Sciences. The event was graced by national experts on Sickle Cell Disease, including Dr.Girish Patel, Principal of CIMS, Mr. Shivnag, District Tribal Welfare Extension Officer, Chamarajanagara, Dr. Ravi, District Tuberculosis Officer, Chamarajanagara, Dr.Dhamayanthi, Community Medicine HOD, CIMS, and Dr. Chandrashekar, Assistant Director, Institute of Public Health, Bengalure. Dr Anil S Bilimale Chief MPH Coordinator, School of Public Health, Mysuru, Dr.Shashank and representatives from Novartis Healthcare Private Limited, Community Health Officers, Chamarajnagara, faculties from Chamarajnagara Institute of Medical Sciences, faculty from the School of Public Health, representatives from Institute of Public Health and dedicated volunteers.With a soulful tribal song, the three tribal leaders, Dr.Ratnamma, Muniyemma, and Basavaraju, invoked the Almighty.





Urea Cycle Disorders – Overview and recent advancements in Treatment Modalities and Therapeutic Innovations – 30-01-2024 by Medical Genetics

Department of Medical Genetics, JSS Medical College, Mysore conducted an online guest lecture on 30-01-2024 on the topic of Urea cycle disorders- Treatment and Therapeutic modalities. The resource personnel for this lecture was our alumni of MBBS 1999 Batch, Dr. Sandesh C.S. Nagamani, Professor, Department of Human and Molecular Genetics, Baylor College of Medicine. Texas, USA. We got connected to him through an interaction at American Society of Human Genetics conference (2023) with Dr. Prince Jacob (Assistant Professor, Department of Medical Genetics). Prof. Nagamani humbly accepted our request for the lecture and delivered the talk to 140 participants which included faculties and students of Department of Medical Genetics and Biochemistry. He answered the queries of participants after the talk as well. We look forward to successful consecutive engagements and collaboration with his team of Baylor college of Medicine in the future.



Guest Lecture on "Patenting Medical Inventions: Protection of Intellectual Property Rights in Biotechnology Research and Innovation – 24-07-2023 By School of Public Health

Distinguished Guests: Different experts served as the resource individuals for the lecture:

- Dr.Parigi Ramesh Kumar, Senior Principal Scientist, Technology transfer and business development co-ordinator (ISTU), CSIR-CFTRI.
- Ms.Neha Srivastav, Patent Attorney, Remfry and Sagar, Bengaluru.
- Dr.B Kumar, Senior Technical Officer, CSIR-CFTRI.



Participants: The participants of the lecture included faculties, Ph.D. Scholars, and PG Scholars of various constituent institutions of JSS AHER.

The School of Public Health, and Institution Innovation Council, JSS Academy of Higher Education and Research, Mysuru, in association with the CSIR-Central Food Technological Research Institute, Mysuru, organized a lecture on "Patenting Medical Inventions: Protection of IP rights in Biotechnology Research and Innovation" on the occasion of our nation celebrating Azadi ka Amrit Mahotsav marking 75 years of Independence. The lecture was centered on Intellectual Property Rights (IPR) in par with ATMANIRBHARTA's main goals.

The session aimed to enlighten the participants on the importance and benefits of IPR in the field of higher education. It was conducted at Gallery 6, of JSS Medical College at 11:30 am and concluded at 1:30 pm. The first session was headed by Dr. Parigi Ramesh Kumar provided the audience with an insightful overview of the genesis of the IPR awareness program. The audience was then treated to a series of success stories from the Central Food Technological Research Institute (CFTRI), showcasing how their patented technologies and innovations significantly impacted society.

Dr. B Kumar took the stage to conclude the session with valuable insights into the role of IPR in higher education institutions. Dr. Kumar encouraged the participants to consider IPR as a crucial tool in promoting and protecting their research and innovations. The IPR awareness program at JSS Medical College turned out to be an enriching and enlightening event for all the attendees. The combined efforts of the guest speakers ensured that the participants gained a deeper understanding and significance of IPR in the academic and research realms.





ASCLEPIUS 2023 - 20th & 21st Sept.2023

The sixth edition of Asclepius, the International Undergraduate Medical Conference hosted by JSS Medical College, Mysore, unfolded over four dynamic days, showcasing a diverse array of events that left an indelible mark on participants and attendees alike.



Asclepius 2023, an annual flagship event, proved to be a triumph of knowledge exchange and collaborative learning. The conference aimed at providing a platform for medical enthusiasts to engage in insightful discussions, enhance practical skills, and explore the latest advancements in the field.

The conference featured a meticulously curated series of workshops, quizzes, presentations, and literary events, reflecting the multifaceted nature of medical education and practice. From hands-on surgical skills workshops to intellectually stimulating panel discussions on career pathways, Asclepius 2023 offered a holistic experience for aspiring healthcare professionals.

Hands-on experiences were a cornerstone of Asclepius 2023, with workshops covering essential topics such as basic surgical skills, life support techniques, forensic medicine, and ultrasound-guided nerve blocks. These sessions provided participants with practical insights and a platform to refine their clinical skills under the guidance of seasoned professionals.

The conference witnessed the culmination of competitive spirit through engaging quizzes like Occam's Razor and the innovative Medical Shark Tank. These contests not only tested participants' medical knowledge but also fostered camaraderie and healthy competition among peers.

A significant emphasis was placed on intellectual exchange through paper and poster presentations. Participants had the opportunity to share novel research findings, discuss clinical cases, and engage in thought-provoking discussions on diverse topics.

Adding a touch of creativity and fun to the academic atmosphere, events like Medical Taboo and Medical Pictionary provided participants with a break from intensive learning, promoting teamwork, vocabulary, and artistic expression.

Asclepius 2023 concluded with a resounding success, leaving participants with enriched knowledge, lasting memories, and a sense of camaraderie. The conference not only achieved its goal of advancing medical education but also laid the groundwork for future editions, promising continued excellence in fostering learning and collaboration within the medical community.

Awards and Recognition



Dr.Basavana Gowdappa, Principal & Professor of Medicine delivered a keynote lecture on **"Health Delivery system in an Emerging Economy role of innovation for cost Effective Delivery**: A case study from India" during International conference on Improving Efficiency and Effectiveness in Health Delivery Systems in Developing countries held from 21st to 23rd Nov.2023 at Pearle Beach Resort, Flic en Flac, Mauritius.



Dr.Srinivasa Murthy, Professor, Dept. of Pediatrics, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru has been awarded the MOST INNOVATIVE STARTUP OF THE YEAR (Consumer Services Industries) by the Asia Pacific Stevie Awards- 2024. The innovation "Neonatal Feedrail" – which is an innovative device to feed neonates with gravity feeding method in NICU has won the SILVER AWARD in the category on 14-05-2024



Yashika won the best delegate prize in Model United Nation during **AXON 23 conference** on 3rd August 2023 organized by PSG Institute of Medical Sciences, Coimbatore. The Axon Mun Committee on Healthcare Innovation and Digital Transformation met on August 4th-5th, 2023. Delegates discussed telemedicine accessibility, data privacy, and political impact on healthcare. Challengesarose from allegations of Chinese hackers stealing US patient data, affecting US-China relations. Despite this,productive discussions led to a resolution addressing key healthcare issues. The meeting provided valuable insights into healthcare innovation and digital transformation on a global scale.



Om and Pratham got selected as the top 8 teams in Biomedical Hackathon and presented their model on my health band – an innovative approach on electronic health record systems during ECG' **AXON 23 conference** on 3rd August 2023 organized By PSG Institute of Medical Sciences, Coimbatore.

RESEARCH PROJECTS

Research Projects details 2023 (July Dec)
Research Projects – Ongoing (External)

Sl No	Title of the project	Principal Investigator	Collaborating Depts	Funding agency	Amount sanctioned	Duration
1	Single Nucleotide Polymorphism of Thyroid Hormone Receptor Gene and Its Association with Dyslipidemia In Tertiary Care Hospital In Mysuru – A cross sectional study	Dr.Hemamlini	Anatomy, Biochemistry, EndocrinologyOBG and Surgery	ICMR	5,15,000	2 Years
2	Sickle Cell Disease-related stigma, economic loss and quality of life among tribal population of India - Mysore district, Karnataka	Dr. Deepa Bhat	Anatomy, Community Medicine	ICMR	19,00,000	2 Years
3	A comparative Study on Cognitive abilities between Hydroxyurea treated and untreated Sickle Cell Disease (SCD) children and possible intervention for SCD children in learning through promotion of educational awareness	Dr.Deepa Bhat	Anatomy, Community Medicine	ICMR	11,00,000	18 Months
4	National Registry for Rare and other Inherited disorders (NRROID)	Dr. Akila Prashant	Anatomy Pediatrics	ICMR	2.44	5 years
5	Upregulation of Hydroxy Prostaglandin Dehydrogenase (HPGD) expression using Hydroxy chloroquine as a novel therapeutic strategy in carcinoma cervix	Dr.M.N. Suma .	OBG	ICMR	38.00	3 years
6	Evaluation & comparison of serum calcium, Magnesium, Phosphate, Alkaline Phosphatise, Vitamid-D and Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO and High Fluoride drinking water	Dr.Tippeswamy	JSS Dental College, Paediatrics, JSSMC	ICMR	20.41	2 Years

7	Apoptosis Antagonizing Transcription Factor (AATF): A Novel oncogenic Driver in Hepatocellular Carcinoma	Dr.Divya P. Kumar	Pathology	ICMR	32.41	3 years
8	Assessing the relevance of Salivary Hemoglobin, Interleukin 6 and Lactate Dehydrogenase Level in determining the Chronic Periodontitis in Type 2 Diabetic subjects with and without tooth loss -- A Case Control Study'	Dr.Nandalal	Department of Prosthodontics, JSS Dental College and Hospital	ICMR	18.6	2 Years
9	The novel role of Staphylococcal Nuclease and Tudor Domain Containing 1 (SND1) in obesity-associated NAFLD	Dr. Prasanna Kumar S.	Surgical Gastroenterology	ICMR	44 Lakhs	3 Years
10	Methylation of genes regulating adipogenesis (PPAR gamma, CEBPA, SREBF1) and its relation with serum vitamin D in young adults with and without obesity	Dr. Shobha C R	Biochemistry	ICMR	45.53 lakhs	3 years
11	Development of Millet based dietary fiber for protection of allergic asthma by modulating gut microbiome derived short chain fatty acids	Dr.Kiran	Dr Kiran (PI), School of Life Sciences	ICMR	40 lakhs	3 years
12	Screening for sexually transmitted infections (STIs) and assessment of sexual health practices among tribal women population of HD Kote Taluk in Mysuru district, South India " -	Dr. Vidyavathi B Chitharagi	Microbiology Anatomy Community medicine	ICMR	Rs 20,15,100/-,	2 years
13	"Epidemiology of chemical hazards among workers in different spectrum of agriculture activities of Southern India: a community based exploratory survey".	PI: Dr NayanabaiShabadi Assistant Professor, Department of Community Medicine	Department of Community Medicine	ICMR	36,96,817	3 years
14	An observational study of genomics and sialic acid in oral samples of children receiving multiple blood transfusion and on oral chelators	Dr. B Nandlal	Public Health	ICMR	9,35,000	2 Years

15	Enhancing identification and counseling skills of medical and dental undergraduate students using customized eLearning module on Tobacco counseling – An education innovation project using ADDIE framework	Dr. Chandra sheker JSS Dental College	Comm. Medicine Psychiatry	ICMR Extramural	1794560	3 years
16	Longitudinal effects of Air Pollution Exposures on Lung growth and development of biomarker of lung function deficit in Urban Children	Dr. Rajesh Kumar T. & Dr.P A Mahesh	Respiratory Medicine & Biochemistry	India Alliance DBT-Welcome	350.0	5 years
17	Centre for Training Research and Innovation in Tribal Health	Dr. Deepa Bhat	Anatomy, Biochemistry, Peadtrics	India Alliance DBT welcome trust	17,92,415	5 Years
18	Molecular mechanism underlying high fat diet (HFD)-induced hepatocellular carcinoma (HCC): specific role of TNF-α converting enzyme (TACE) and apoptosis antagonizing transcription factor (AATF)	Dr. Divya P. Kumar	--	DBT-Ramalingaswamy Fellowship	113.60	5 years
19	The role of RNA-induced silencing complex in the development and progression of Nonalcoholic Steatohepatitis and Hepatocellular Carcinoma: The molecular intervention using natural compounds.	Dr. Prasanna Kumar S.	Biochemistry	DBT-Ramalingaswamy Fellowship	113.60	5 years
20	Prevalence of micronutrient deficiency, nutritional status and cognitive dysfunction among elderly residing in tribal areas of southern Karnataka	Dr.Praveen Kulkarni	Community Medicine, Psychiatry	DBT	27.5	3 Years
21	BUILDER Programme	Dr. Rajesh Kumar T. Dr.Gowthamarajan Dr.Balasubramanian S	Department of Pharmaceutics, FLS	DBT-BUILDER	600.0	5 years
22	Preclinical evaluation of the therapeutic potential of olfaction for treating dementia	Dr.Manjula	Pharmacology, JSS CP, Mysore	DST-CSRI	40.00	03 Yrs

23	FIST (CEMR Laboratory)	Dr. M.V.S.S.T. SubbaRao (Coordinator)	--	DST	58.0	5 Years
24	Practicing Integrated Yoga And Transcendental Meditation By Frontline COVID Warrior Women To Reduce Perceived Stress, Anxiety And Improve Quality Of Life	Dr.Madhu B	-Dept of Community Medicine, -Dept of Yoga -Dept of Biochemistry	DST-SATYAM	5,50,000	01 Yr 06 Months
25	Therapeutic Targeting of AATF in Nonalcoholic Steatohepatitis (NASH)	Dr. Divya P Kumar	Biochemistry	DST SERB-POWER	30 lakhs	3 years
26	DST - PURSE	Dr. Prashant V	School of Life Science	DST	1736.00	5 years
27	Molecular mechanisms underlying skeletal muscle wasting in Cancer cachexia	Dr. Vinay Kumar MB	Biochemistry	SERB CRG	5357240	3 yrs
28	Quercetin acts as a novel regulator of LXR-alpha/VDR in Hepatocellular carcinoma.	Miss Nirmala G.S.	--	KSTA	35000	6 months
29	Optimizing ex-vivo hematopoietic stem cell culture and gene editing	Dr.DeepaBhat	Anatomy, Pediatrics, OBG	TIGS Tata Institute of Genetics and Society, Bangalore	2,00,000	2 Years
30	HIV diagnosis in Integrated counselling and testing centre	Dr. M N Sumana	Dept of Microbiology	NACO	10,00,000 Rs. / Year for 20 years (From 2003) =2,00,00,000/- (2 Crore)	20 years
31	State Reference Laboratory for EQAS sample distribution and testing	Dr. M N Sumana	Dept of Microbiology	NACO	Rs. 95,00000/-	Continues
32	Viral load testing in HIV treatment response-Consultancy services of the same on samples received from KR Hospital, Asha Kirana Hospital, and TB Sanitorium	Dr. M N Sumana	Dept of Microbiology	NACO	Rs. 98,00000/-	Continues
33	Genomic studies to identify modifiers of beta thalassemia	Dr.Deepa Bhat	Anatomy, Peadtrics	Medgenome	NIL	2 Years

34	Genetic analysis of Parkinson disease in the Indian population	Dr.Shasthara	Anatomy, Neurology	Medgenome	NIL	2 Yrs
35	Clinical trial of Combi Curd: A Longitudinal Study Clinical validation of pre-clinically proven Combi curd with special emphasis on Immunomodulation and Gut microbiota.	Dr.Prakahs Halami	Dept of Microbiology	CFTRI	Rs.5,00,000/-	1 Yr
36	Oral Microbiomes and IL-17 in oral LP	Dr. Ashwini P K	Biochemistry	IADVL	4,00,000/-	3 years
37	Analysis of Resident Memory T (RM) cells and IL 15 levels in vitiliginous patches as predictors of response to treatment and prognosis	Dr.Vinutha R	Biochemistry	IADVL	4.7 lakh	3 years
38	Nasal stents : designing and analyzing efficacy in post-operative management of functional endoscopic sinus surgery	PI - Dr.Amulya T.M.	Dept. of ENT & JSS College of Pharmacy Mysuru IISc Bangalore	NidhiPrayas	1000000	18 months
39	Acceptability and Effectiveness of Mental Healthcare Services to Adolescents among Urban and Rural Areas of Mysuru District by the use of Medical technology	PI: Dr Sunil Kumar D	Community Medicine	Mamta HMIC, New Delhi	1,00,000	1 yr 06 months
40	Cost of illness and Diabetes-Specific Quality of Life among Type 1 Diabetic adolescents in Mysore District	PI: Madhu B	Community Medicine	Mamta HMIC, NewDelhi	1,00,000	1 year
41	Oral health status and oral health related quality of life among children born preterm- A cross sectional study	Dr Indira M D	Public Health	ISPPD	25000	1 year
42	CARE study	Dr. Karl Krupp	Biochemistry University of Arizona	University of Arizona	USD 30,000	1 Year

43	Community centred Health system strengthing for outpatient antimicrobial stewardship with replicating effective programs and framework	Dr. Sunitha Chandrashekhar Srinivas	Microbiology Dept of Pharmacy Practice	Pfizer-USA	1 crore	4 years
44	Surveillance Of Multi-drug-Resistant, Extensively Drug-Resistant and Pan-drug-Resistant Organisms for the Healthcare facilities using Automated Ast System— A Large Scale National Multicentric Study	Dr Tejashree A Dr. Sujatha S R	Dept of Microbiology, JIPMER	WHO	18,00,000/-	1 year
45	Global Infectious Diseases	Dr.Mahesh P A	Respiratory Medicine	Global Infectious Disease (GID), Fogarty, NIH	USD 1.1 Million Sanctioned	01-06-2017 to 28-02-2023
46	Molecular patho-mechanism of biomass smoke induced chronic obstructive pulmonary disease among women: Population based- and in vitro exposure studies	Dr.Mahesh P A	Respiratory Medicine	Swedish Heart Lung foundation, Karolinska Institute, Sweden	65 Lakhs Received	01-07-2019 to 31-12-2022
47	Understanding the role of lung micro biome in biomass smoke exposure related chronic obstructive pulmonary disease	Dr.Mahesh P A	Pathology	Swedish research council, Karolinska Institute, Sweden	46 Lakhs Received	01-01-2021 to 31-12-2022
48	Adverse effect of outdoor and indoor air pollution on respiratory and vascular function among adolescents	Dr.Mahesh P A	Respiratory Medicine	Swedish Heart Lung foundation, Karolinska Institute, Sweden	15 Lakhs Received	21-03-2022 to 02-06-2023

49	Pilot study to investigate reasons for poor asthma control and to characterize Asthma and allergic rhinitis in the Indian population (SIRPAC India study & CAAR study) – A mixed methods approach	Dr. Mahesh P A	Respiratory Medicine	University of Birmingham	20 Lakhs Received	3 years
50	Objective structured clinical examination in the era of artificial intelligence Human versus AI system	Dr Vikram Patil	Anaesthesiology	Google Research, USA	5,00,000/-	2 years

JSSAHER Projects

Sl. No	Title of the Project	Name of the Principal Investigator/Mentor & Department	Grants Sanctioned	Duration
1	"Development of antidiabetic bioactive peptides from cow colostrum"	Dr.Nagma Firdose Senior Resident of Pharmacology, JSS MC, Mysuru	50,000.00	01 Yr. 06 Months
2	Detection of Omicron variants in SARS COV-2 and its clinical Presentations among COVID-19 patients	Dr.Vidyavathi B. Chitharagi Asst. Professor of Microbiology, JSSMC, Mysuru	55,000.00	01 Yr
3	Evaluating blood Netrin-1 level in Colorectal cancer patients	Dr.Aradya H.V. Asst. Professor of Medical Gastroenterology, JSSMC, Mysuru	1,00,000.00	01 Yr
4	"Changes in AKT signaling cascade in brain of diabetic mice with and without vitamin D treatment".	Dr.Vijaya Vageesh Y Asso. Professor of Physiology, JSSMC, Mysuru	50,000.00	01 Yr
5	Whole genome sequencing of SARS-CoV-2 with correlation of disease severity among ICU patients and outpatients.	Dr.Ranjitha Shankare Gowda Asso. Professor of Microbiology, JSSMC, Mysuru	76,640.00	01 Yr
	Studies on cow colostrum bioactive peptides as a modulator of Peroxisome Proliferator-Activated Receptor-y (PPAR-y) targeting obesity and metabolic disorders	Dr.Manu G Asst. Professor of Pharmacology, JSSMC, Mysuru	50,000.00	01 Yr
6	"Correlation of potential serum biomarkers (amyloid beta-42, Ptau protein,VitaminBl2 and Acetylcholinesterase) with cognitive, functional and behavioral tests to screen the severity of Alzheimer's disease. A Case control study"	Dr. Vidya C S Professor & Head, Dept of Anatomy JSSMC, Mysuru	1,82,624.00	01 Yr

7	Study on the Osteoprotective efficacy of Calcium rich functional food formulation for Rheumatoid arthritis	Dr.Subramanian R, Professor & HOD of Rheumatology JSSMC, Mysuru	2,50,000.00	01 Yr
8	A Feasible 2 Dimensional Score to Interpret Patch Test Results for Patients Scnt Images Using Mobile Messenger Apps in Allergic Contact Dermatitis -A Comparative Study	Dr.Kanthraj G R Professor & HOD, Department of Dermatology JSSMC, Mysuru	2,90,000.00	01 Yr
9	Delineating the mechanisms underlying hyperglycemia mediated muscle atrophy in Drosophila melanogaster	Dr.Vinay Kumar M B Assistant Professor, Dept of Medical Genetics, JSSMC, Mysuru	3,00,000.00	01 Yr
10	Formulation of a Specialized Topical Serum for Alleviating Extreme Dryness in Psoriasis: Enhancing Moisturization and lmproving Skin Health.	Dr. Satish A M Professor & Head, Dept of Pharmacology JSSMC, Mysuru	2,90,000.00	01 Yr
11	Spatial mapping of microbial popualtioon in soil surrounding the hospital/industry	Dr.Sumana M N Professor & Head Dept. of Microbiology JSSMC, Mysuru	10,00,000.00	5 Yr
12	The role of air pollution and pollen exposure on asthma Mysore, India	Dr.B.S.Jayaraj Professor JSSMC, Mysuru	10,00,000.00	5 Yr
13	“Antitumor activity of Nrf2 modulating factor of Anacyclus pyrethrum using EAC solid tumour model”	Dr.C.Akhila PG Student, Dept. of Pharmacology, JSSMC, Mysuru	25,000.00	01 Yr
14	Genotyping and Feo-spatial Mapping of Dengue Genotypes from a tertiary care hospital situated in Mysuru, South India	Ms.Chinchana E S M.Sc., Student,Dept. of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
15	Comparative evaluation of triglyceride to Glucose index and HOMA-IR in assessing the insulin resistance in Type 2 Diabetes and metabolic syndrome.	Ms.Najmunnissa, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr
16	Assessment of PCT and CRP in prognosis of patients with fever and Respiratory infections during Covid 19 pandemic	Ms.Apoorva S, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
17	Latent TB Infection among Health care workers and their Risk Factors in a tertiary care Hospital situated in Mysuru South India A cross sectional observation study	Dr.Sahira Banu, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr

18	In vitro effect of colistin on vancomycin susceptibility against methicillin resistant staphylococcus aureus	Ms.Sahana A P, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
19	Evaluation of antioxidant capacity of vitamin C enriched foods in human volunteers.	Ms.Miryala Bhanu Prakash, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr
20	Evaluation of Disc diffusion susceptibility testing on early growth with reduced turnaround time (TAT)as an alternative method to conventional Kirby-Bauer Antimicrobial susceptibility testing	Mr.Gowtham R, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
21	Evaluation of ELFA in diagnosis of early Dengue infection among suspected cases of acute febrile illness attending a tertiary care hospital	Ms.Srividya M S, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
22	Assessment of Procalcitonin as a marker of bacterial blood stream infections in pediatric population	Ms.Bindu S, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
23	Phenotypic characterization of dermatophytes and comparison of Disk diffusion and E-strip methods for antifungal susceptibility testing among dermatophytes	Ms.Nayana G, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
24	Evaluation of serum lipid peroxidation inhibition capacity in type 2 diabetic subjects and healthy subjects.	Ms.Gayathri G P & Mr.Gowtham B N, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr
25	Genetic characterization of VRE isolated from diabetic foot ulcer in a tertiary care hospital in Mysuru, South India”	Ms.Greeshma, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
26	Study of bacterial respiratory pathogens among patients admitted with fever and respiratory symptoms	Ms.Monica N, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
27	In vitro Synergistic activity of Fosfomycin-Colistin against Carbapenem resistant Klebsiella pneumonia	Mr.Chethan Kumar P, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
28	Evaluation of direct susceptibility testing in positive blood cultures for timely detection of antibiotic resistance	Mr.Morrow Minteh, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr

29	Diagnostic utility of procalcitonin to determine Gram-negative, Gram-positive bacterial and fungal bloodstream infections.	Ms.Apurba Anshuman Mishra, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
30	Use of ceftazidime/ avibactam as a therapeutic option for multidrug resistant gram –negative blood stream infections based on its susceptibility profile	Mr.Sreejith R, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
31	Evaluation vitamin c levels after administration of Vitamin C enriched foods in healthy human volunteers.	Ms.Aishwarya K M, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr
32	Assessment of the genotypic and allelic frequency of CVP2C9 [rsl057910 and rs1799853] in the healthy population of Mysuru”	Ms.Jayashree N Hegade, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
33	Association of ESRI gene polymorphism with Pre-Menstrual Dysphoric disorder in South Indian women	Ms. Shuchi O C M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
34	Correlation of DNMTI and lipid profile in healthy obese individuals”	Ms. Sindhu S and TasmiyaArbeen M M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
35	Role of IL..6 in myogenic differentiation and its effect on methyl-transferases	Ms. RajashriMundada, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
36	A study correlating the expression of erythrocytes Glucose 6 phosphate dehydrogenase with osmotic fragility in Diabetic patients	Ms.A Anantha Bhanusree and Ms.Samanmitha S M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
37	Association of 161C>T(rs7668258), polymorphism with the risk of epilepsy and drug resistance in Indian epileptic patients”	Ms. Neha Ranjith, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
38	Frequency of SNP 802C>T(rs7439366) in Indian Epileptic patient and its association to drug resistance”	Ms. Nagashree K S M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
39	Evaluation of Aldehyde Dehydrogenase 1 Expression In Breast Carcinomas: Association with Molecular Subtypes	Dr. Aswathy N V PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr

40	Evaluating Capsaicin as A Potential Therapeutic Regimen to Combat Fatty Acids Induced Steatosis Through RNA Induced Silencing Complex (RISC) mediated pathway.	Ms.Varsha Dilip Shiragannavar Research Scholar, Dept. of Biochemistry JSSMC, Mysuru.	25,000.00	01 Yr
41	Association of VDR gene polymorphism with obesity among young adults – A cross – sectional study.	Ms.Sushma M and Ms.Thrupthi Rai M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
42	Phytochemical profiling and evaluation of Antiangiogenic effect of Hydroethanolic fruit extracts of Benincasa Hispida	Ms.Devika Dayanandan M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
43	Evaluation of Hypoglycemic Effect of Benincasa Hispida Fruit Extracts Using in Vitro Cell lines	Ms.Rohini Kulkarni M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
44	Study of Immunohistochemical Expression of BRAF in Colorectal Carcinoma	Ms.V G Janani PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr
45	A Study to know the impact of Glycemic Control on Erythrocyte Superoxide Dismutase levels in Controlled Diabetics.	Mr.Balusupati Gopikrishna 2ndYear, M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
46	A Study to know the impact of Glycemic Control on Erythrocyte Super Dismutase levels in Uncontrolled Diabetics	Ms.Athira Ramdas 2ndYear, M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
47	Unravelling the novel role of Hesperidin in high calorie diet induced steatosis model via modulating the PPAR-y/NF-kB signalling pathway.	Ms.Nirmala G S Research Scholar, Dept. of Biochemistry JSSMC, Mysuru.	25,000.00	01 Yr
48	“Correlation of systemic oxidative stress status and abdominal adiposity in T2D patients for CVD risk stratification”.	Mr.Lohithkumar K & Ms.Krishnapriya M M.Sc., Student, M.Sc., Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
49	“Medical Technology based smartphone Application in the Management of Cancer”	Dr.G Hari Prakash Ph.D Student, Dept of Community Medicine, JSSMC, Mysuru	25,000.00	01 Yr
50	Study of Immunohistochemical Expression of BRAF in Thyroid Neoplasmis	Dr.P U Vishnuprasad PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr
51	Glomerular C4D Deposition In Proliferative Glomerulonephritis : A Clinico-Pathological Study	Dr. Gitanjali N Warrier PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr

INDUSTRY ACADEMIA CONNECT

Collaboration with industries details 2023
NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators	Study duration in months	Sample size	Number of ionised magnesium to be tested	Number of total magnesium to be tested	Any other parameters included in the study
1	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.	24	350	1050 (54 done)	1050	Nil
2	Comparison of Spot serum Creatinine estimation by StatSensor Creatinine meter and Serum Creatinine estimation by conventional enzymatic method	Dr Manjunath S Shetty Dr Manoj C Dr. Abhijith	24	600	600	600	Serum creatinine 600
3	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr.Suma K.B. DR Srinivasa Murthy Dr Kusuma K.S.	06	100	200	200	Nil
4	Ionised magnesium level in children admitted to pediatric intensive Care unit at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Akila Prashant, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	400	400 (114 done)	400	Ionised calcium 400

6	Ionised magnesium level in children with acute covid 19 infections And post covid mis - c admitted under Paediatric department at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Swetha NK, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	50	50 (18 done)	50	Ionised calcium 50
7	Reference range for whole blood ionized magnesium in healthy children Between 0-19 years of age.	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Shobha CR, Dr.Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	1000	1000	1000	Ionised calcium 1000
8	A Correlation between total and ionised Magnesium levels in Chronic Heart Failure patients with reduced ejection fraction pilot study.	Dr. Manjappa, Dr. Swetha NK	12	130	130 (87 done)	0	iCa Lactate Electrolytes
9	Correlation between total and ionised Magnesium levels in Acute decompensated Heart Failure (ADHF) and Acute Coronary Syndrome (ACS) patients in a tertiary care hospital.	Dr. Manjappa Dr. Prashant Vishwanath,	12	100	100 (20 done)	0	iCa Lactate Electrolytes

10	Unrecognised ionised hypo-magnesemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vish-wanath,	12	50	50 (8 done)	0	iCa Lactate Electro-lytes
11	Effects of therapy on estimated plas-ma volume (ePV) in patients with acute decompen-sation of chronic heart failure: A prospective obser-vational study.	Dr. Manjappa, Dr. Kusuma KS	12	50	50	0	iCa Lactate Electroly-tes - ePV - ΔePVS
12	Ionized magne-sium levels in critically ill Covid-19 patients and its effects on the se-verity and patient outcomes	Dr. Akshay H. M, Dr. Sahana KR	24	350	350(50 done)	350(50 done)	-
13	Comparison of Ionised Magne-sium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti, Dr. Sushma, Dr.Akila Prashant	06	30	30	30	-
14	Comparison of Ionised Magne-sium between sick and stable term Newborns	Dr.Deepti, Dr. Sushma Dr.Srinivasa Mur-thy, Dr.Swetha NK	06	34	34	34	-
15	Ionised Magne-sium levels in healthy Term and late preterm New-borns	Dr.Sushma, Dr.Deepti Dr.Srinivasa Mur-thy, Dr.Shobha	12	300	300	300	-

Consultancy projects
Research Collaborations & Consultancies

Sl No	Collaboration with Institution name	Area	Objectives	Outcomes	Financial details	MOU/MOA
Anatomy						
1	Institute of Public Health	Hemoglobinopathies	CTRITH	India Alliance Wellcome trust project	Granted	MOU
2	Tata Institute for Genetics and Society (TIGS)	Genetics	Joint research in disease biology, community engagement in the field of blood disorders and social science research in understanding the challenges and needs of patients with blood disorders between the JSS Medical College, Mysuru (JSSMC, Mysuru) and the Tata Institute for Genetics and Society (TIGS).	Ongoing research	--	MOU
3	Bodoland University, Assam	Cognitive abilities among SCD children	Cognitive abilities between hydroxy urea treated & untreaded SCD children	Ongoing research	1500000	Research collaboration
Biochemistry						
4	CSIR-CFTRI and JSS STU, Mysore	AI and Diabetes	To develop a personalized meal plan for individuals with diabetes using artificial intelligence	The project is currently ongoing	CFTRI – 1.5 Lakhs JSS STU – 1.5 Lakhs	MOA
5	Bangalore Baptist Hospital	Spinal Muscular atrophy	Standardizing and developing a PCR-based diagnostic tool to identify SMN1 exon7 deletion.	The study aims to develop a PCR-based diagnostic tool to identify the homozygous deletion of the SMN1 gene and to standardize it to a low-cost assay by performing simple conventional PCR methods.	-	MOU
6	Center for cellular & Molecular Biology, Hyderabad	Genetics of Diabetes Mellitus	Research Collaboration	Initiated the project	Rs 2,00,000/-received from CCMB to JSSAHER	MOU
7	The Genomic Medicine Foundation UK (GMF-UK)	Medical genomics	To formulate multi-centric collaborative research and development projects in Medical Genomics. • To publish outcomes of joint research collaborations in peer reviewed open access biomedical journals and online resources. • To develop protocols and establish links for providing quality molecular diagnostic laboratory services at JSS Hospital and Medical College.	Protocol development for genomic diagnosis – ongoing	--	MOU
8	Public Health Research Institute of India	Cervical Cancer	Screening of women for cervical cancer using HPV kit and collaborative publications	Screening activities are going on	--	MOU
Medical Genetics						
9	Indian Institute of Science	Cancer and Diabetes	Research and academic collaboration	Ongoing		MOU signed

Pharmacology						
10	Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare	Caner Biology	1. To collaboratively undertake research on finding novel drug targets, isolation of compounds of medicinal value from herbal products.24. To share competent and relevant services like providing Ayurvedic formulations to ensure quality research in finding novel drug targets. 5. To undertake joint scientific projects in the field of drug development.	1 Publication-Pharmacological profile of Shiva Gutika: an uncharted and versatile polyherbal drug- Published in ALL LIFE International journal (March-2021) *One project computed (Rs.40000/-JSSAHER Fund)-Screening of anticancer activity of Ayurvedic formulations on breast cancer cell lines One Faculty pursuing Ph.D	Shivagutika capsules are supplied Each bottle costs Rs 500 for 50 capsules	MOU
11	The Leads Clinical Research and Bio-services Pvt.Ltd, Bengaluru	Pre clinical trials	Conduct of Clinical - Preclinical trials at JSS Medical college and hospital Exchange of facilities and expertise for collaborative or Independent research and publications based on the policies of both entitle	Ongoing	--	MOU
12	Defence Food Research Laboratory, (DFRL) Mysuru	Pre clinical / clinical studies in the development of food products.	1. To facilitate ethical clearance in conducting human/clinical trials of food products. 2. To identify other areas of possible interest and collaboration. 3. To identify opportunities for exchange of faculty and research staff.			Type of Agreement: MOU Date of Signing the Agreement: 31.10.2019 Duration of Agreement: 5 Years
Pathology						
13	JSS Science and Technology	Artificial Intelligence	Automatic tool for generation of electronic health records for breast carcinoma using pathology information	---	Nil	MOU
14	JSS Science and Technology	Artificial Intelligence	Normalization and Classification of Histopathology Electronic Health Records on Breast Cancer Using Nlpand Ml Approaches	---	Nil	MOU
15	Regional Cancer Centre, Trivandrum	Cancer Research	Student exchange, Collaborative research projects and publications	---	---	MOU
Microbiology						
16	CMC Vellore	Bacteriophage therapy	To access the activity of bacteriophage against MDRO GNB	Work is in progress- Review article	NIL	MOU
17	Shastra University	Biofilm	To access the activity of Hypoxanthocyanidine against the biofilm	Work in progress	NIL	MOU
Community Medicine						
18	Swami Vivekananda Youth Movement, Mysore	Tribal health	• To collaboratively undertake health care research especially focused on public health • To share competent and relevant human resources for training health care professionals. • To undertake joint consultancy assignment in public health.	Ongoing research	---	MOU
19	Institute for Global Public Health Frank H. Netter MD School of Medicine Quinnipiac University, USA	Global public health	Joint or co- operated scientific research in selected areas of mutual interest.	Ongoing research	Project based Two publications	MOU

School of Public Health						
20	GRAAM	Urban Youth Governance	To develop students of MPH with professionalism, leadership and to be socially responsible youth of the nation. • To Build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. • To Mentor students in the space of urban governance and to conduct group research, for in-depth understanding of the urban governance issues. • To embrace the challenges of the 21st Century by being part of the governance system and to find innovative solutions to new age challenges	Fellowship program for 7 MPH students		MOU
21	University of Arizona	International Collaboration for empowering Public Health Education	To work jointly in developing and implementing research with regard to health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage. Joint PhD programme & internship training	Faculty exchange program under Full bright Scholarship		MOU
22	Piramal Swasthya	Public Health, Tribal Health	Collaborative research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, neglected tropical diseases and other key elements of health for all and universal health coverage.	Internship for 3 students in 2022		MOU
23	Novartis	Sickle Cell Disease, Health system strengthening	Objective 1: Identification of Mentors & Formation of state specific SCD Technical Committee to conceptualize and implement SCD care model in the region Objective 2: Education & Certification Program of HCPs managing SCD in Karnataka Objective 3: Development of SCD management protocol: Objective 4: Defining the way forward charter to establish Integrated SCD	SCD care model project proposal submitted		MOA
24	Institute of Public Health, Bengaluru	Public health	To work jointly in developing and implementing research, including but not limited to research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage.	Ongoing research	--	MOU

General Medicine						
25	MPMRT	Thyroid dysfunction among pregnant women	Thyroid dysfunction and thyroid autoimmunity in women with iron deficiency anaemia in early pregnancy	Ongoing research	--	MOU
Radio-Diagnosis						
26	Nesa MedTech	Uterine fibroids	RFA of Fibroid	Development of new method for treatment of Fibroids is being tested on specimens.	DBT	Collaborative Research Agreement
27	iMERA.AI (UK)	AI	Efficacy of deep learning algorithms in reporting MSK Radiographs	Development of Software is going on	10Lakshs Grant	Collaborative Research Agreement
28	Aikenist	AI	Fast MRI	Evaluation going on	Free software provided	Collaborative Research Agreement
Dermatology						
29	JSS Academy of Technical Education, (JSSATE), Bengaluru	Biomedical applications in wound therapy	To provide laboratory facilities for determination of the antimicrobial activities Evaluation of rationally designed novel peptide-based biomaterials prepared by Faculty from JSSATE, Bengaluru and their students towards the biomedical applications such as wound therapy and tissue engineering. Development of novel material for the prevention of adhesions such as catheter coating.	Ongoing	--	MOU
Respiratory Medicine						
30	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter	Ongoing research project	--	--
31	Indian Institute of Technology-Bombay (IIT-B), Mumbai	Air pollution and lung function	Lung function in children and effects of long term exposure to traffic induced pollution	Ongoing research	--	MOA
Urology						
32	USI & KEM hospital, Mumbai	Urology- Prostate	Audit of patients characteristics and surgical practices of management of BOO due to BEP among Indian population	Study going on	--	MOU
Neurology						
33	MS Ramaiah Medical College, Bangalore	Epilepsy	To evaluate and treat Drug resistant epilepsy Surgical options for intractable epilepsy	Evaluation study	Based on individual patient recruited	MOU
Paediatrics						
34	AIIMS, New Delhi	COVID-19 Pandemic in Children and MIS-C	To understand the neurological manifestations of COVID-19 and Multisystemic Inflammatory Syndrome in Children (MIS-C) in children aged up to 18 years and psycho-social issues in children aged up to 18 years with pre-existing neurological disorders during the pandemic	Project	--	MOU

Patents

Patent details from July to December 2023

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date	Patent Published Date / Granted Date
1	202041015935 A	Published	1)Dr. Akila Prashant 2) Anshu Kumar Yadav 3) Dr. Prashant Vishwanath 4)Dr. Suma MN 5) Dr. Devananda D	MULTIPLEX PCR ASSAY WITH COCKTAIL OF PRIMER MIX TO IDENTIFY PATHOGENIC BACTERIA CAUSING NEONATE SEPSIS	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research)	13-04-2020	29-05-2020
2	202241012389 A	Published	1)Rajesh Kumar Thimmulappa, 2)Devananda Devegowda, 3)Pushkal Sinduvadi Ramesh	METHOD FOR PREDICTING PROGNOSIS AND GUIDING TREATMENT DE-ESCALATION IN HPV POSITIVE HEAD AND NECK CANCERS	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research)	03-07-2022	25-03-2022
3	202241014944 A	Published	1)Rajesh Kumar Thimmulappa, 2)Devananda Devegowda, 3)Pushkal Sinduvadi Ramesh	METHOD TO INHIBIT NRF2 ACTIVITY USING HPV E6/E7 FOR SENSITIZING TO CHEMO-RADIOTHERAPY	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research	17-03-2022	25-03-2022
4	202241006292 A	Published	1)Mahesh Kaggare Puttaraju 2)Mahesh Kaggare Puttaraju 3) SubbaRao Venkata Madhunapantula 4) Karthikeya Patil 5) Usha Hegde	A kit and a method for predicting oral cancer	JSS Academy of Higher Education and Research	02-06-2022	02-11-2022
5	202041050489A	Published	DR. HONNAVALLI YOGISH KUMAR PUBALI SAHA Dr. SubbaRao V. Madhunapantula	IN202041050489 - A METHODOLOGY TO YIELD A NOVEL RENIN INHIBITOR WITH IMPROVED SAFETY AND EFFICACY	JSS Academy of Higher Education and Research	19.11.2020	18.02.2022
6	202141008355 A	Published	1)DORESWAMY, Srinivasa Murthy 2) HATHUR, Basavanagowdappa 3)BHOJARAJ, Nandlal	SELF-CONTAINED AND PORTABLE LIFE SUPPORT SYSTEM	JSS Academy of Higher Education and Research	27-02-2021	09-02-2022
7	202041053854 A	Published	1)NANDLAL, Bhojraj 2) MURTHY, Srinvasa 3) SHIVAMURTHY, Ravindra 4)SETTY, Nagendra Ramakrishna	ULTRAVIOLET SANITIZATION SYSTEM	JSS Academy of Higher Education and Research	12-10-20	17/06/2022

8	202141013556 A	Published	1)KRISHNEGOWDA, Sushma 2)DORE-SWAMY, Srinivasa Murthy 3)THAN-DAVESHWARA, Deepti	A PHOTOHERAPY DEVICE	JSS Medical College - JSS Academy of Higher Education & Research	26/03/2021	30/09/2022
9	20224104127 A	Published	1.Shashanka Kyatha-nahalli Prasad 2.Deva-nanda Devegowda 3.Madhunapantula Subbarao 4.Suma Maduvanahalli Nataraj	An anticancer composition and method of prepara-tion thereof	JSS Academy of Higher Ed-ucation and Research	19/07/2022	29-07-22
10	202141028656A	Published	Vikas Jain Hitesh Kumar Rupshee Jain Vishal Kumar Gupta Vidya B G Madhunapantula Venkata Soma Surya Trinadha SubbaRao	Lipid based com-position of Sali-nomycin for triple negative breast cancer	JSS College of Pharmacy, Mysuru, JSS Academy of Higher Edu-cation and Research	25/06/2021	30/12/2022
11	201741010900	Granted	DORESWAMY, Srinivа-sa Murthy	FEED RAIL-AUTO-MATED GRAVITY FEEDING DEVICE FOR PREMATURE INFANTS	JSS Academy of Higher Ed-ucation and Research	28/03/2017	03-02-23

Patent/Copy right details from Jan to June 2024

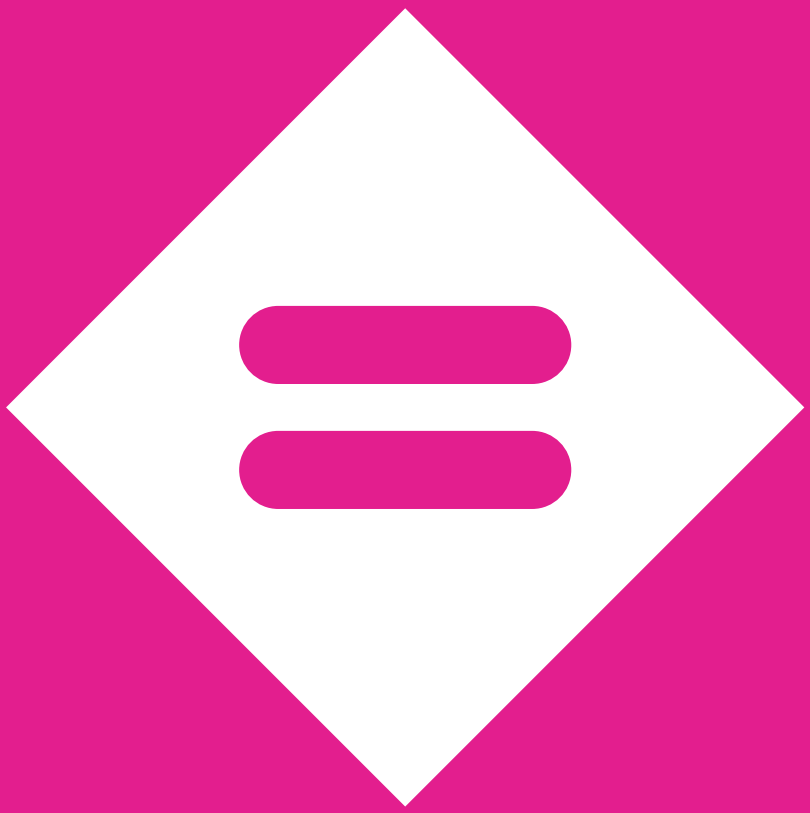
Sl. No.	Title	Investigator	Date of copy right approved	Registration number
1	Puzzles To Pertinent Prescription of Antimicrobials - Intra - Abdominal Infections	Dr.Sumana M.N.	10/05/2024	CF-5671/2024
2	Simplified and Storified Action of Antibiotics (SSAA)	Dr.Sumana M.N.	20/02/2024	CF-5605/2024
3	Hand Hygiene through Simple English Poem	Dr.Sumana M.N.	10/05/2024	CF-5670/2024
4	Animation Video for Adverse Effects of Antibiotics	Dr.Sumana M.N.	15/03/2024	CF-5640/2024
5	Lower UTI	Dr.Sumana M.N.	21/03/2024	L-145512/2024
6	UPPER UTI 01	Dr.Sumana M.N.	01/03/2024	L-144550/2024
7	UTI copyright	Dr.Sumana M.N.	25/01/2024	CF-5556/2024

CLINICAL TRIALS

S.No.	Name of faculty (Chief Consultant)	Client Organization	Total amount as per CTA (in Rs)	Current status
1	Dr Prashanth S N	Sun Pharma	18,150/subject	Ongoing
2	Dr Manjappa M	Skanray Technologies	350000	Closed
3	Dr M D Ravi	Biological E Limited	1419013	Closed
4	Dr T S S Rao	CBCC Global Research LLP	1,96,750/Subject	Closed
5	Dr Ravi Kumar Y S	IQVIA	1286279	Closed
6	Dr Soumya H V	Syneous Health UK Ltd(Xbrane)	1488152	Closed
7	Dr Subramanian R	Klineria	12,96,683/Subject	Ongoing

8	Dr M D Ravi	Diagnosearch Pvt Ltd	4582777	Closed
9	Dr Srinath K M	CBCI	980000	Closed
10	Dr Soumya H V	Syneous Health UK Limited(Quilu)	1755406	Closed
11	Dr M D Ravi	IQVIA	16,898/subject	Closed
12	Dr Narayanappa D	GlaxoSmithKline (GSK)	2,66,862/subject	ongoing
13	Dr Shilpa Avarebeel	Biological E. Limited	34,387/subject	ongoing
14	Dr Vikram Patil	Skanray Technologies Limited	520675	Closed
15	Dr T S S Rao	Clianta Research Ltd	2,70,150/Subject	ongoing
16	Dr T S S Rao	Clianta Research Ltd	2,92,000/Subject	ongoing
17	Dr Prathibha Pereira	Bharath Biotech International Ltd	3187095	Closed
18	Dr Deepthi Thandaveshwara	Johnson & Johnson Private Limited	2,44,000/subject	ongoing
19	Dr T S S Rao	Clianta Research Ltd	3,35,020/subject	ongoing
20	Dr Deepthi Thandaveshwara	CBCC Globlal Research LLP India	2129338	Closed
21	Dr M D Ravi	Iqvia RDS(India) Pvt. Ltd	1133600	Closed
22	Dr Gurudatt C L	Abiogenesis Clinpharm Pvt Ltd	36,965/subject	ongoing
23	Dr Mahesh P A	QED Clinical Services	1357020	Closed
24	Dr Prathiba Pereira	JSS Medical Research India Pvt.Ltd	53,300/subject	ongoing
25	Dr M D Ravi	Biological E. Limited	44,550/subject	ongoing
26	Dr Shilpa Avarebeel	JSS Medical Research India Pvt.Ltd	2393342	Closed
27	Dr P A Mahesh	Pharm Olam International (India) Pvt Ltd	249650	Closed
28	Dr Veeranna S	GlaxoSmithKline (GSK)	59,000/subject	ongoing
29	Dr Jayaraju B S	Paraxel International Pvt Ltd	183874	Closed
30	Dr M D Ravi	Sanofi Health Care	553289	Closed
31	Dr Praveen Kulkarni	PPD Pharmaceuticals		
32	Dr Jaishankar	Skanray Technologies Limited	139200	ongoing
33	Dr Praveen Kulkarni	PPD Pharmaceuticals		
34	Dr Subhash Chandra B J	Diagnosearch Life Sciences Pvt. Ltd	Phase II- 44,900/ subject Phase III- 48,900/ subject	ongoing
35	Dr T S S Rao	Clianta Research Ltd	2,39,675/Subject	Closed
36	Dr T S S Rao	Clianta Research Ltd	2,38,250/subject	Closed
37	Dr Akshay H M	Syngene International Pvt. Ltd	5,08,250/subject	Closed
38	Dr Narayanappa D	GlaxoSmithKline (GSK)	1,54,500/subject	ongoing
39	Dr Soumya H V	Iqvia RDS(India) Pvt. Ltd	Approx 65,221/ subject	ongoing
40	Dr Jayaraju B S	Paraxel International Pvt Ltd	162000	Closed
41	Dr Praveen Kulkarni	PPD Pharmaceuticals	18,748/subject	Closed
42	Dr Sunil Kumar S	Center for Chron	11,800/Subject	Ongoing
43	Dr Akshay H M	Syngene International Pvt. Ltd	108000	Closed
44	Dr T S S Rao	Clianta Research Ltd	3,58,000/Subject	Closed
45	Dr Prathibha Pereira	Abiogenesis Clinpharm Pvt Ltd	51,862/Subject	Ongoing

10 REDUCED INEQUALITIES





Contributors



Dr Divya A J
Assistant Professor
Dept of Physiology



Dr Ramya C M
Assistant professor
Dept of Physiology

Sustainable Development Goal 10, which focuses on reducing inequalities, is essential for educational institutions striving to foster an inclusive and equitable learning environment. This goal highlights the importance of addressing disparities both within and beyond the academic community, aiming to ensure that educational opportunities and resources are accessible to all students, regardless of their background. By promoting fair access to education, institutions can help bridge socioeconomic gaps and support a more diverse student body.

To advance this goal, educational institutions must implement strategies that address inequities in enrollment, retention, and academic success. This involves creating supportive policies for underrepresented groups, providing targeted financial aid, and ensuring that all students have access to quality resources and support services. Additionally, fostering an inclusive campus culture where every student feels valued and supported is crucial for achieving educational equity.

By prioritizing the reduction of inequalities, educational institutions not only enhance the learning experience but also contribute to broader social and economic benefits. Ensuring equitable access to education helps to build a more balanced and resilient society, where diverse talents and perspectives are fully utilized. Collaborative efforts between educators, administrators, and students are vital in driving systemic change and achieving these goals. Ultimately, aligning with Sustainable Development Goal 10 helps institutions create a nurturing environment that empowers all students to reach their full potential and contribute to a more equitable world.

Awards, Achi evements & Institution Accomplishments



Dr.Prathibha Pereira, Prof. & HOD of Geriatrics, outstanding contribution towards patient care among Geriatric population and in maintaining quality standards at Mysuru Art Gallery, Mysuru on 12th Aug.2023

Rachana B, a fourth-semester M.Sc. Medical Biochemistry student from JSS Medical College, was nominated to attend the G20 Ministerial Conference on Women Empowerment which took place in Gandhinagar, Gujarat, from 2nd to 4th August 2023. The motivational opening ceremony of the conference was led by speeches from the honorable Prime Minister Narendra Modi, the honorable Union Minister Smriti Irani, and speeches from all the ministries from various countries around the world that advocated for gender equality and stressed the importance of empowering women for a prosperous and sustainable future, keeping the theme of women-led development.





Dr.Sanjana, PG in OBG received Young Investigator at ISSHP, Bangalore on 24th to 27th Sept.2023.





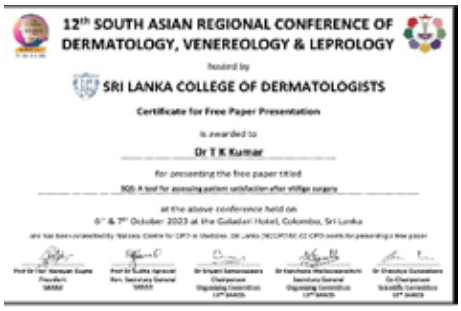
Dr.Sasi Kiran, PG in Emergency Medicine received 2nd Place in Poster Presentation at EM Geriatrics CME, JSS Medical College, Mysuru on 22nd July 2023.



Dr Naureen & Dr Austin, PG in Emergency Medicine received 1st place in quiz competition at EM Geriatrics CME, JSS Medical College Mysuru on 23rd Sept.2023



Dr.Sasikiran, PG in Emergency Medicine received 2nd place in quiz competition at EM Geriatrics CME, JSS Medical College Mysuru on 22nd Sept.2023


12th SOUTH ASIAN REGIONAL CONFERENCE OF DERMATOLOGY, VENEREOLOGY & LEPROLOGY

hosted by

SRI LANKA COLLEGE OF DERMATOLOGISTS

Certificate for Free Paper Presentation

is awarded to

Dr T K Kumar

for presenting the free paper titled

SQS: A tool for assessing patient satisfaction after vitiligo surgery

at the above conference held on

6th & 7th October 2023 at the Galadari Hotel, Colombo, Sri Lanka

Dr.Tanmayi Komal, PG, Dept. of Dermatology presented a poster titled “SQS: a tool for assessing patient satisfaction after vitiligo surgery” at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023.

Neonatal Basic life support workshop.



JSS College of Nursing department of Pediatric nursing conducted Neonatal Basic life support: Hands on approach to acquire resuscitation skills workshop held at JSSAHER skill & simulation center in the month of November 2023. 100 members attended the course.

Neonatal Sonographic Clinical Assessment (NeoSCAn) – 10th to 19th May 2024

Online classes were regarding the principles of medical ultrasound and its application in neuroimaging, echocardiography, lung ultrasound and guided procedures. The participants were provided one week prior to commencement of the program with the training manual specifically written for this course by the NeoSCAn team. The online classes were held on Zoom platform between 10th and 17th May 2024. Each class was conducted by the designated faculty which was followed by question-and-answer secessions. Total duration of online classes was 15 hours.

Hands-On training was conducted on 18th and 19th May at SRCA, JSS hospital. Homegrown Simulators (Simulator baby for ultrasound – SIMBU), 5 numbers were used for training the participants with near real-life experience of learning point of care ultrasound. Homegrown Phantoms were used to train the participants in vascular cannulation and urinary bladder tapping. The duration of the program exceeded the stipulated time due to enthusiasm of the participants. The total duration of the Hands-On training was 15 hours.

Postgraduates from the department of Pediatrics from JSS hospital, Postgraduates in pediatrics from MMCRI and few practicing pediatricians and pediatric staff participated in the program there were total of 50 registrations of which 46 attended the hands-on training.

The Faculty:

Experts in the field of Neonatal Point of care ultrasound were invited to train the participants. Following is the list of faculties who were involved in this value-added programme.

Dr Naveen Parkash Gupta, Consultant Neonatologist, Madhukar Rainbow hospital, New Delhi
Dr Venkatesh H.A, Consultant Neonatologist, Manipal Hospital, Bengaluru
Dr. Nalinikanth Panigrahi, Consultant Neonatologist, Rainbow hospital, Hyderabad
Dr Pradeep Kumar Sharma, Consultant Neonatologist, Deep Hospital, Ludhiana
Dr Swetha K, Consultant Neonatologist, Rainbow Hospital, Sarjapur branch, Bengaluru
Dr Srinivasa Murthy D, Professor in Pediatrics, JSS hospital, JSSAHER, Mysuru

Hands-On Programme:

Hands-On programme began on 18th May 2024, 8 AM with registration of all the participants. The faculty briefed about the objective of the programme and what is expected to learn from the participants. The participants were grouped into 5 groups and the groups were colour coded. Each group attended one station with SIMBU.

SIMBU is a home-grown electronic simulator which is a life size newborn manikin. The manikin is studded with appropriate hard and software and comes with an inbuilt display for ultrasound images. The sensors on the body recognizes the probe and displays appropriate ultrasound videos simulating real life experience. SIMBU can be used for cranial, cardiac, lung, pulmonary, jugular and airway ultrasound. One of the stations was for conducting ultrasound guided procedures. This station had phantoms for the participants to cannulate or do bladder tap using real ultrasound machine. Each station began with the instructor performing the ultrasound on SIMBU with emphasis on placement of probe and identification of the structures displayed. Later each participant were mandatorily made to repeat the same task until they could comfortably obtain appropriate ultrasound images and identify the structures. There was a debriefing session after completion of each station.

At the conclusion of the program, both verbal and written feedback was taken from the participants and many queries were answered. A test was conducted at the end with 20 questions (Max Marks 20) with a cutoff of 12 for passing. All the participants passed the test. Correct answers for the question was discussed by all the faculty at the end.





Presidential Action Plan 2024 VACCINOLOGY CME:
Bridging Theory and Practice – 09-06-2024



The program consisted of offline case based discussion. The interactive session made the delegates clear their doubts regarding vaccinology, and many more practical problems that pediatricians face day-to-day were addressed. The duration of the program was 8 hours.

The Participants:

Practicing pediatricians, medical college faculty, post-graduates.

The Faculty:

Experts in the field of vaccinology were invited to train the participants. Following is the list of faculties who were involved in this value-added programme.

Dr SG Kasi, Chief Scientific Convenor, Pediatrician

Dr Narayanappa D, Professor, Department of Pediatrics, JSS Hospital

Dr Prashanth SN, HOD and Professor, Department of Pediatrics, JSS Hospital

Dr Sumitha Nayak, National Scientific Advisor, Pediatrician

Dr Priya Shivalli, CIAP EB Member, Consultant Neonatologist



Launch of novel mobile app Antibiotica – 15-05-2024

We are happy to announce the launch of novel mobile app "Antibiotica" by Department of Pharmacology, JSS Medical College. The launch event was chaired by Dr Suma M N, Vice Principal (Pre-Clinical), Dr Praveen Kulkarni, Vice Principal (Para-Clinical) and Mr. S R Sathish Chandra, Administrative Officer, JSS Medical College, Mysuru.

The project is funded by ICMR for MD Research Thesis to Dr. Krishna Teja Dwibhashyam, MD Postgraduate.

It was developed under the guidance of Dr. Prathima C, Associate Professor Department of Pharmacology, JSS Medical College and Dr. Vanishri Arun, Associate Professor, Department of Information Science & Engineering, SJCE, Mysuru.

Dr Satish A.M, Professor & Head, Department of Pharmacology, JSS Medical College, Mysuru alongside with other faculties and postgraduates of Pharmacology graced the event.

Antibiotica is a quick bedside reference tool for clinicians, post-graduates and interns for prescribing antibiotics. It will help in overcoming knowledge gaps, misuse and overuse of antibacterial agents, promotes rationale prescription of antibiotics and minimize antimicrobial resistance (AMR) thereby reducing morbidity and mortality related to AMR.

It is developed based on National Centre for Disease Control guidelines (NCDC) and offers information about various infections and recommended antibiotic therapy, prophylactic antibiotic therapy recommended for adult and paediatric surgical procedures and includes pertinent drug information.

The 'Antibiotica' app is now available for free and can be downloaded from Google Play Store.

Download Link: https://play.google.com/store/apps/details...





Report on programmes conducted / attended (Guest lectures, CME, Seminar, Conferences)

1. Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions by department of Community Medicine on 22nd to 24th Nov.2023.
2. World Hepatitis Day Awareness Program by department of School of Public Health & Gastroenterology on 28-07-2023.
3. World Immunization Day – 2023 - Celebrations & Walkathon by department of general medicine on 10-11-2023.
4. World Diabetes Day Celebration by department of general medicine on 10-11-2023.
5. Emergency Medicine for the Elderly by department of Geriatrics on 22.07.2023.
6. 19th Annual National Conference of Indian Association for Geriatric Mental Health (GERON 2023) by department of Geriatrics on 23rd & 24th Sept.2023.
7. Breastfeeding Week by department of Paediatrics on 20-07-2023.
8. Childrens Day Celebration by department of Paediatrics on 16-11-2023.
9. Therapeutical Advances in Pediatric Dermatology by department of Dermatology on 10-12-2023.
10. Stress Management for Women officers of State Bank of India by department of psychiatry on 18-11-2023.
11. World Occupational Therapy Day by department of Occupational Therapy on 27-10-2023.
12. HPV Vaccination Programme by department of MPH & Paediatrics on 19-12-2023.

Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions - 22nd, 23rd, 24th November 2023



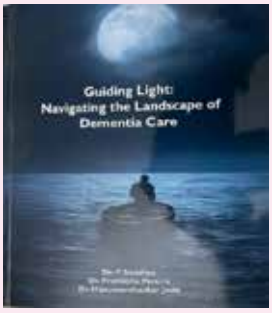
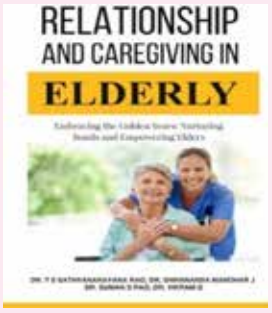
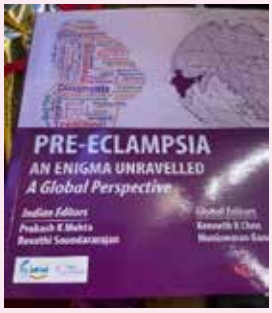
The Departments of Community Medicine and Respiratory Medicine, JSS Medical College, and JSS Academy of Higher Education Mysuru, jointly organized the **International Tuberculosis Conclave**-2023 on the 23rd and 24th of November with four pre-conference workshops on 22nd November 2023 at Sri Rajendra Auditorium, JSS Medical College, SS Nagara, Mysuru. The conference theme is **"Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions."**

Tuberculosis (TB) is a significant cause of ill health and death worldwide. The sharing of knowledge, best practices, innovations, and strategies through scientific platforms is essential for policy-making and program implementation for prevention and control of Tuberculosis. International Tuberculosis Conclave-2023 aimed at bringing together experts from around the world to share information and best practices on preventive, diagnostic, and therapeutic advances in TB.

Guest Lectures conducted

1. Neglected Tropical Diseases- Dr. Ilham Zaidi, by School of Public Health on 24-07-2023.
2. Tuberculosis - Dr.Rajendra Prasad by Respiratory Medicine from 09-10-2023 to 11-10-2023.
3. Lung Ultrasound in Neonates - Dr.Suhaim Afsar by department of Paediatrics on 04-08-2023.
4. Safer airways in neonates - Dr.Narasimha Rao by department of Paediatrics on 01-09-2023.
5. How I manage Thalassemia - Dr.Anand Kumar K by department of Paediatrics on 13-10-2023.
6. "E-Learning module on tobacco counseling" - Dr.Chandrashekar on 22.01.2024 by department of School of Public Health
7. " Breaking Barriers: A Woman's Public Health Journey in Hard-to-Reach Areas" - Dr. Rufia Shaista Khanum on 06.02.2024 by department of School of Public Health
8. "Between Remembering and Forgetting: Contextualizing Mild Cognitive Impairment (MCI) as the Gentle Nudge towards Cognitive Care & Longevity" - Dr. Javad Anjum on 07.03.2024 by department of School of Public Health
9. "Primer on Diabetes**" -** By Dr.M.A.Shekar on 22.03.2024 by department of Medicine
10. "National Tuberculosis Elimination Program" - By Dr.Siraj, Dr. Ganapthy Uppinal, Dr.Kiran, Dr.Sarveswarakar on 15.05.2024 by department of Respiratory Medicin
11. By Dr.Satyan Lakshminrusimha, Dr.A.S.Vasudev, on 04.01.2024 on topic "UTI **in children**-New current Guidelines**".** by department of Paediatrics

Textbooks Authored or/and chapters contributed by faculty

			
Geriatrics: Dr. P. Sandhya, Dr.Prathibha Pereira; Title of the Chapter / Book-Guiding Lights: Navigating the Landscape of Dementia Care ; Published by Alzheimer's and Related Disorders Society of India , 2023	Pediatrics: Dr. Rashmi N; Title of the Chapter /Book Name: Paediatrics Endocrinology protocol 2nd edition Chapter: Tall Stature; Published by Jay pee-grow india (Learning grow society) – 2023	Psychiatry: Dr. T.S. Sathyanarayana Rao; Dr Suman S Rao; Dr Vikram G; Dr Shivanand M; Title of the Chapter / Book; Relationship and Caregiving in Elderly	Dr. Hemapriya K. Title of the Chapter / Book - Chapter 13: Placenta in preeclampsia-villain or victim. Published by ISSHP – 2023.

INTERNATIONAL VISITS BY FACULTY/STUDENTS



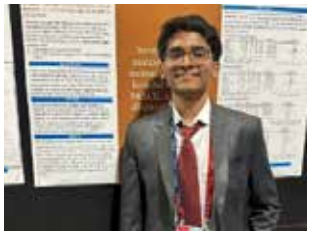
Dr. Basavana Gowdappa, Principal & Professor of Medicine delivered a keynote lecture on "Health Delivery system in an Emerging Economy role of innovation for cost Effective Delivery: A case study from India" during International conference on Improving Efficiency and Effectiveness in Health Delivery Systems in Developing countries held from 21st to 23rd Nov.2023 at Pearle Beach Resort, Flic en Flac, Mauritius.

Dr. MVSST Subba Rao & Dr. Rajesh Kumar T, Professors, Department of Biochemistry participated in Indo-Sweden Workshop on Household Air Pollution and Health as delegates at Karolinska Institute, Stockholm, Sweden from 25th to 29th September 2023.



STUDENT EXCHANGE PROGRAMME

Mr.Jathin Teja Kolli and Ms Jyoti Yadav MBBS students of 2017-18 Batch completed observership between 1st April to 26th April, 2024 at Albert Einstein College of Medicine and Cardiac Care and Vascular Medicine, US



Mr.Jithin Teja Kolli, MBBS student of 2017-18 Batch attended the Society of Cardiovascular Angiography and Intervention (SCAI), held at California, US between 2nd to 4th May, 2024. He presented a poster titled "Impact of Pulmonary Hypertension on outcome after Mitral Transcatheter Edge-Edge Repair: Systematic Review and Meta analysis"



Mr.Jithin Teja Kolli, MBBS student of 2017-18 Batch completed observership at Banner University Medical Centre, US between 6th to 31st May, 2024 in the department of Internal Medicine



Ms.Jyoti Yadav, MBBS student of 2017-18 Batch completed observership at East Advent Health, Orlando, US in the dept of Internal Medicine from 2nd to 26th May, 2024



Ms.Jyoti Yadav, MBBS student of 2017-18 Batch completed observership between 5th to 30th June, 2024 at Banner University Medical Centre, US at Dept of Internal Medicine



An orientation program for three scholars from University of Pennsylvania was conducted on 11th June, 2024 at School of Public Health. Faculties from School of Public Health, Dr.D.M.Shilpa and Dr.Divya K.L. served as resource persons and gave talk on prevention of Sexual harassment and Health tips respectively to help the international scholars from American Institute of Indian Studies to learn and adapt to local conditions in India.

American Institute of Indian Studies (AIIS) provides a range of services to U.S. study abroad programs in India such as research fellowship support for scholars, training in Indian languages, knowledge of Indian culture, publications about India, other service learning programs and to advance the understanding of India and to foster exchange and collaboration between scholars in India, the U.S. and other countries in South Asia. The program was also presided by Dr.Purushothama Bilimale, Kannada Language Program Coordinator, AIIS, Ms Poornima, University of Mysuru, and Dr Sukanya, who gave an orientation and overview about the program.

Ongoing External funded projects

1. Sickle cell disease. PI: Dr. Deepa Bhat, Dept. of Anatomy. Amt: 19,00,000 funded by ICMR.
2. Sickle cell disease. PI: Dr. Deepa Bhat, Dept. of Anatomy, in collaboration with community medicine department. Amt: 11,00,000 funded by ICMR.
3. National Registry for Rare and other Inherited disorders. Dr. Akila Prashant, Biochemistry, in collaboration with Anatomy and paediatrics. Amt: 2,44,000 funded by ICMR.
4. Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO water, Dr. Devananda D, Biochemistry in collaboration with pediatrics and JSS Dental college. Amt: 20,41,000 funded by ICMR.
5. Screening for sexually transmitted infections (STIs) among tribal women population. Dr. Vidyavathi B Chitharagi, Microbiology in collaboration with community medicine department. Amt: 20,15,100 funded by ICMR.
6. Genomics and sialic acid in oral samples of children receiving multiple blood transfusion. Dr.SubbaRao MVSST in collaboration with JSS Dental College , Public Health. Amt: 9,35,000 funded by ICMR.
7. Counselling skills of medical and dental undergraduate students. Dr.Praveen Kulkarni, Dr.Kishore.M in collaboration with JSS Dental College. Amt: 17,94,560 funded by ICMR.
8. Centre for Training Research and Innovation in Tribal Health. Dr. Deepa Bhat, Anatomy in collaboration with Biochemistry and paediatrics. Amt: 17,92,415 funded by ICMR.
9. Integrated Yoga And Transcendental Meditation By Frontline COVID Warrior. Dr.Madhu B, Community Medicine in collaboration with Dept of Yoga & Biochemistry. Amt: 5,50,000 funded by ICMR.
10. Muscle wasting & Cancer cachexia. Dr. Vinay Kumar MB, Medical Genetics in collaboration with Dept of Biochemistry. Amt: 53,57,240 funded by ICMR.
11. Viral load testing in HIV treatment response. Dr. M N Sumana, Microbiology. Amt: 98,00,000 funded by NACO.
12. Genomic studies & beta thalassemia. Dr.Deepa Bhat, Anatomy in collaboration with paediatrics funded by Medgenome.
13. Genetic analysis of Parkinson disease. Dr.Shasthara, Neurology in collaboration with anatomy funded by Medgenome.
14. Resident Memory T (RM) cells and IL 15 levels in vitiliginous patches. Dr.Vinutha R, Dermatology in collaboration with Biochemistry. Amt: 4,70,000funded by IADVL
15. Mental Health care Services to Adolescent. Dr Sunil Kumar D, Community Medicine in collaboration with SJCE. Amt: 1,00,000 funded by Mamta HMIC, New Delhi.
16. Cost of illness and Diabetes-Specific Quality of Life. Madhu B, Community Medicine in collaboration with MPH. Amt: 1,00,000 funded by Mamta HMIC, New Delhi.
17. Oral health related quality of life. Dr Sunil Kumar D, Community Medicine in collaboration with JSS Dental College. Amt: 25,000 funded by ISPPD.

INTERNATIONAL FUNDED PROJECTS

1. Characterize Asthma and allergic rhinitis in the Indian population. Dr.Mahesh P A, Respiratory Medicine. Amt: 20,00,000 funded by University of Birmingham.

Patent details

1. Multiplex PCR assay with cocktail of primer mix to identify pathogenic bacteria causing neonate sepsis. Dr.Akila Prashant, Anshu Kumar Yadav, Dr. Prashant Vishwanath, Dr. Suma MN, Dr. Devananda D. Consultant : Cintelligence Services . Patent Application No.: 202041015935. Filed: 13-04-2020, Published.

2. Lipid based composition of Salinomycin for triple negative breast cancer. Vikas Jain, Hitesh Kumar, Rupshee Jain, Vishal Kumar Gupta, Vidya B G, Madhunapantula Venkata Soma Surya Trinadha SubbaRao, Patent Application No.: 202141028656A. Filed: 25/06/2021, Published.

3. Feed rail-automated gravity feeding device for premature infants. Doreswamy, Srinivasa Murthy. Patent Application No.: 201741010900, Filed:28/03/2017. Granted.

OUTREACH & EXTENSION ACTIVITIES

76th Independence Day celebrations under the slogan "Meri Maati, Mera Desh"

on 8th August 2023.



National Service Scheme (NSS) unit JSS Medical College, Mysuru organized the event under the eve of 76th Independence Day celebrations under the slogan "Meri Maati, Mera Desh" on 8th August 2023. The event saw active participation from 25 dedicated student volunteers who represented their respective states adorned in traditional attires. The highlight of the event was the solemn oath-taking ceremony, where the students pledged their commitment towards social service and community development. The patriotic fervor was evident as the participants recited the pledge, expressing their devotion to the country with the heartfelt rendition of "Meri Maati, Mera Desh." The event aligned with the upcoming 76th Independence Day of India on 15th August 2023, emphasizing the importance of unity and patriotism. The occasion served as a platform for the students to showcase their cultural diversity and national pride, while reaffirming their dedication to serving the community through NSS initiatives. The programme was conducted in the garden JSS medical college campus. The whole event was coordinated by the student Ms.Purna Bansal, 3rd year MBBS.

The activity was supported and encouraged by the Principal and Vice Principals and administrative officer of JSS Medical College, Mysuru. The program was supervised and coordinated by NSS program officers NSS unit, JSS Medical College, Mysuru.

Distribution of Wheelchairs for the Specially Abled – 09-09-2023



Dr. Sri Shivarathri Rajendra Mahaswamiji, the 23rd pontiff of the Srimath, Mysuru, was born on 29.8. 1916. His 108th birth anniversary was celebrated meaningfully through a special camp activity by donating wheelchairs for 25 specially-abled unprivileged patients who are suffering from various movement disabilities. The program was held on 9th September 2023 at 10:30 a.m. at JSS College of Pharmacy, Mysuru.

Twenty-five patients from various hospitals and old age homes were the beneficiaries of the program, which was organized by the JSS Academy of Higher Education and Research. Dr Suma M.N. Vice-Principal of JSS Medical College, passed the initial remarks about the importance of the event and briefed about the legacy of "**Sutturu Srimath**." Various acts of the reverend sage, and suttur Srimath involving the social, educational, ethical, and spiritual components to reform the society centuries were recalled.

The gathering was addressed by Aravinda Jatti, president of "Basava Samithi" Karnataka, was presided over

the function as a chief guest. Dr Surinder Singh, Vice Chancellor, Dr Manjunatha B, Registrar, of JSS AHER. Dr Sudheendra Bhat, controller of examination, JSS AHER. Dr. Basavana Gowdappa, Principal of JSS Medical College, Dr. Suma M.N., Vice-Principal, JSS Medical College, Mr. Sathish Chandra, Administrative Officer, JSS Medical College, Dr Shivaprakash S, JSS Medical College participated in the function. The principals of various constituent colleges of JSS AHER took part in the event.

Twenty NSS volunteers from JSS Medical College are actively involved in helping the specially-abled persons by rendering all needful support. The activity was supervised and coordinated by NSS program officers NSS unit, JSS Medical College, Mysuru.

International Day of Democracy – 15-09-2023



The **International Day of Democracy,** celebrated on **September 15th** each year, is a global observance that underscores the importance of democracy as a fundamental human right and a cornerstone of good governance and peace. Established in 2007 by a resolution passed by the **United Nations General Assembly (UNGA),** this day serves as a reminder of the essential role that democracy plays in shaping societies worldwide.

In this regard, the program was organized on 15th September 2023 by the NSS unit JSS Medical College. The "**Preamble of the Indian Constitution**" which explains its philosophy and objectives was instructed by an NSS student volunteer to all other students who took part in the event with the national spirit. The administrative officer Mr. Sathish Chandra, JSS Medical College, Mysuru, reiterated the importance of democracy and the constitution of India. Dr Praveen Kulkarni, Vice-Principal, JSS Medical College, Mysuru stressed the importance of social equality, citizens' rights, and freedom of expression under democracy as a cornerstone in building unity in diversity. One thirty-two medical students of the JSS Medical College and 10 faculty members took part in the program. Dr Pushpalatha, Dr Deepa Bhat, Dr Pushpa N.B. Dr. Maruti Prasad, Dr Poonam., took part in the event.

Health Awareness Program

On 27th December 2023 the JSS Medical College NSS unit JSS MC, fuelled with compassion and a commitment to social well-being, embarked on a journey of awareness and education. Our activities began at 10:30 AM, as we visited the apartments at Rajarajeshwari Nagar, Mysuru armed with compelling charts, images, and motivational quotes. Our mission was to shed light on the crucial topics of HIV/AIDS prevention, communicable diseases, personal hygiene, and the problems related to drug and alcohol abuse. Students were engaged in the community interactions by spreading awareness, and igniting crucial conversations with the public. At 11:30 AM, our focus shifted to empowering young girls at a government high school. Dr Rama, medical officer, at JSS Urban Health Centre, Mysuru was instrumental in conducting this event at government high school. This activity was supported by Mr. Santhosh, health inspector JSS UHC, Mysuru. Ms.Sanya Sathish, delivered a comprehensive talk by sensitizing the young girls about menstruation and its hygiene. We delved into the often-silenced topic of menstrual hygiene, normalizing the conversation, and educating young girls about this essential aspect of their personal health. Dr.Rama, formally initiated the process of free sanitary pad distribution. To support their well-being, and symbolically create awareness we distributed naturally degradable sanitary napkins. Our message resonated not just with the girls but also with the other students across all classes, sparking open dialogues and a culture of understanding. Later we headed towards surrounding localities of the urban health centre and continued our awareness campaign by engaging in interactive sessions with the public, displaying informative charts, followed by open question and answer sessions, which ensured that health education reached every corner. Later we moved on to the

Medhar block, where the residents' enthusiasm showing inclination towards awareness which reflected the significance of our efforts. We addressed their concerns, answered their questions, disseminated information on vital health issues, and distributed sanitary pads to the women in need. Then we went to the Halim block where the residents gathered to hear our insights on HIV/AIDS prevention, communicable diseases, drug and alcohol abuse, and menstrual/personal hygiene. The interactive sessions fostered a sense of community and collective responsibility for health and well-being. By the end of the day, the team's impact was undeniable. It was a day woven with impactful conversations, meaningful connections, and a shared commitment to create a healthier world. Numerous minds had been enlightened and communities were empowered with knowledge and resources. This NSS camp served as a powerful reminder that even small steps taken together can pave the way for improving public health status of needy population. Twenty-two B.Sc. (AHS) students from JSS Medical College were actively took part in the whole event.





NSS Medical Camp Report 2024 February 26th - March 3rd –2024

NSS unit of JSS Medical College, JSS AHER had organized an annual special camp from 26th February to-3rd March 2024 at various villages coming under Hosahalli and Palahalli Gramapanchayiti (Hosahalli, Mogarahalli, Karekura, Palahalli). Free health screening and treatment camp was conducted as part of the NSS annual special camp. The camp was organized and supported by JSS Medical College, under the JSS Academy of Higher Education and Research, Mysuru. All our activities are guided, directed, and supported by the Principal Dr.H.Basavana Gowdappa, and Vice-Principals Dr Suma N.M. and Dr. Praveen Kulkarni, JSS Medical College, Mysuru and Mr. Satish Chandra. Chief Administrative Officer, JSS Medical College, Mysuru.

Mrs.Shashikala S.D. panchayat development officer (PDO), Hosahalli Gramapanchayiti, Shreerangapttana taluk, Mandya district. was instrumental in obtaining the permission, planning, and executing the arrangements, giving publicity of camp, and providing the place for conducting the camp. During her inaugural remarks she reiterated the importance of medical camp especially in the rural areas at their door step and insisted the public to make right use of this unique opportunity. Decisions and support of PDO was unconditionally supported by Mr. Chaluvaraju, president of Gramapanchayiti, and vice-president Mrs. Sumithra M.G. and all members and other office bearers of the village. It is worth mentioning here that Mr. Vivek a local popular leader from Mogarahalli, provided snacks, soft drinks, shamiyana, chairs, etc. He motivated all residents and school children to take part in the camp. On the request of head mistress of the Mogarahalli school, NSS unit JSS MC contributed the "First Aid Box" for the school.

Ms. Nishka Gupta, Ms. Mouli Mandal, Ms. Mridusmita Hazarika, Ms. Snigdha Muthyala, For the group I Ms. Ahana, Ms. Esha, Mr. Nagabhushan, and Ms. Navya K (Phase II MBBS) were designated as student co-ordinators who successfully and systematically organized the camp by joining hands with the NSS officers, doctors, and other students.

The medical health camp team involved Services offered by specialists from various departments including

general medicine, obstetrician & gynaecologist, and paediatrics from JSS Hospital and Research Centre, Mysuru. and MBBS students of JSS Medical College, Mysuru. There were different counters, like Registration, screening complaints, recording the blood pressure (BP), testing random blood glucose levels (Blood Sugar), checking Height, Weight, and BMI, and one pharmacy counter was set up to dispense free medicine for all the patients who were prescribed medication by the concerned doctors. All these student volunteers catered their services at different medical counters and finally delivered prescribed medications through the pharmacy counter. Around 760 patients including the public and students from schools and Anganwadi benefited from the services offered during the free medical camp series; it mainly included many children, women, and the old-age population. Blood sugar (CBG) was tested in 280 patients, and free drugs were distributed to 643 patients.

Along with this, the students took the initiative to spread awareness about important issues like nutrition and its values, social hygiene, personal hygiene, the Right to Education, Child labour, Child marriage, and Beti Bachao Beti Padhao. A small group of students went door to door, covering most of the houses of the village to create awareness and impart knowledge to the families educating them through posters, flyers, and slogans. Students discussed with the villagers how to break various superstitions and stereotypes. Students divided themselves into 2 groups to talk to the students of both the primary and high schools. They went to various classrooms and had interactive sessions with the children to enhance their understanding of these topics. The children in the schools were presented with posters and slogans that allowed them to comprehend the topic at their individual levels. The teachers appreciated the JSS students spreading awareness as the children can better relate to someone closer to their age than an authority figure. The residents of the village and school students were extremely receptive to the information being given to them.

Our second half of the camp activities co-ordinated by Ms. Ahana, Ms. Esha, Mr.Nagabhushan, and Ms. Navya K (Phase II MBBS) supported various works along with other students in the group. Our all activities were supported by the president, vice-president, members and PDO of Palahalli Gramapanchayiti. Our activities involved residents Mr. Ramachandra from Hosahalli, and Mr. Ramesh from Palahalli, their whole hearted support by all means stood as a strong base for overall work execution we are very much thankful for their support and involvement. On the final day of our medical camp, these students of JSS Medical College had the opportunity to visit St. Anne's Public School in Palahalli, Shreerangapttana Tq. These students took the lead in felicitating awareness for school kinds. JSS students divided themselves into small groups to talk to the students of both the primary and high schools. The children were educated about many topics including the importance of education, child labour, girl's education, child marriage, nutrition, etc. The JSS students went to various classrooms and had interactive sessions with the children to enhance their understanding of these topics. The children in the schools were presented with posters and slogans that allowed them to comprehend the topic at their individual levels. After interacting with these children, JSS students were able to better appreciate the importance of spreading awareness of these topics. While many children had some knowledge about the importance of their education, seeing college students gave them a sense of urge to pursue their goals in life. The teachers appreciated the JSS students spreading awareness as the children can better relate to someone closer to their age than an authority figure. The JSS students were very thankful for the opportunity to interact and inspire kids who can someday be in their shoes to inspire others. All these adjuvant services along with the patient registration counter were effectively managed by 50 NSS volunteer medical students from Phase II MBBS, in two slots each of 25, who were actively, responsibly, meticulously, and tirelessly involved in assisting these counters for all 7 days throughout the conduct of the camp. Overall, the camp turned out to be a fruitful learning experience for all the volunteers. It helped the medical students contribute their little part towards the objective of "making health care a demand, rather than a need", as rightly said by our respected Vice Principal, Dr.Praveen Kulkarni. This special rural medical camp activities were conducted under the supervision of NSS Programme Officer Dr.M.V.Ravishankar from JSS Medical

College, Mysuru, and other faculty members from the Department of Biochemistry Mr.Venkatesh, Mr.Ananth, and Dr.Anshu Yadav, co-ordinated the whole event.




JSS Medical College AHER, conducted NSS "Free Medical Camp" at Hosahalli, Gramapanchayiti, Shreerangapttana Taluk, Mandya District. from 26th February -2nd March 2024. Inauguration and Inaugural address by Dr. Praveen Kulkarnai Vice-Principal, JSS Medical College, and Mr. Sathish Chandra, Administrative Officer, JSS Medical College, Mysuru.




Shramadaan at K R Mills by JSS Medical College, Mysuru – 09-03-2024

As part of Family Adoption Program, along with NSS, "Shramadaan"- Giving Back to community- activity was organized on 9th March 2024 at K R Mills colony, Hanchya PHC, Mysore. As part of the program 1st year MBBS students were involved as NSS volunteers and carried out cleaning of the premises of KR Mills Subcentre, Government Model Higher primary School, KR mills and Government High School, K R mills. The students also gave health education to school students on importance of segregation of dry and wet waste at household level, personal hygiene and hand hygiene. Dr.Shwetha Kurkuri, Dr.Sunitha Singh, Senior Residents, Dept of Community Medicine, Dr.Amoghashree, Asst.Prof., Dept. of Community Medicine, Dr.Ravishankar, Asst. Prof., and NSS Co-ordinator, Dept. of Anatomy, JSS Medical College, Mysuru along with Post graduates from the Dept. of Community Medicine, JSS Medical College, coordinated the whole event. Support was also extended by Dr.Sunil Kumar D, HOD, Dept. of Community Medicine, JSS Medical College, Gram Panchayat, Siddlingipura, Dr.Ravidra, Medical Officer, Hanchya PHC, Mysuru for the event.



Voting Awareness Programme for Students – 24-04-2024



An election is a way people can choose their candidate or their preferences in a representative democracy or other form of government. To support and sensitize this issue among the student fraternity, the NSS unit, JSS Medical College, Mysuru had organized a voting awareness programme for the students of JSS Medical College. The programme was conducted on 24th April 2024 between 10:30 AM- 11:20 AM in gallery 6, third-floor JSS Medical College, Mysuru. We had invited resource persons Ms. Amoolya Prasad and Ms. Anagha K. Bharadwaj students of BA, LLB course, JSS Law College, Mysuru. to deliver a lecture on the topic "Empowering tomorrow: The crucial role of youth voting in India's 2024 elections" The speaker explicitly stressed the importance of voting as a responsible citizen of the country. They also clarified myths about voting, and the process of voting and unbiased election process to form a democratic government. At the end all the students were administered with the oath, to sensitize their responsibility as voting citizens of this country.

INTERNATIONAL YOGA DAY - 21-06-2024 (NSS UNIT JSS AHER, MYSURU)

International Yoga Day is commemorated every year on 21st June to raise awareness about this ancient practice and celebrate the physical and spiritual powers that yoga has brought to the world. On 21st June 2024, International Yoga Day was celebrated with the theme of "Yoga for the Society". Ganesh Kumar, The President of Yoga Sports Foundation preceded with the celebrations at Palace Ground, Mysore. Thousands of people were gathered, including students from different schools and colleges, people from yoga community groups old age people, and other organizations from all over Mysuru, among them around 100 students from JSS Medical College Mysuru were present to witness the event. The students from various courses like MBBS, MSc, BSc, MPH, MD, and faculties from JSS Medical College participated in the event. All the students were gathered near the bus stand inside the JSS Medical College and left the college by 6 am. After reaching there, we all settled down with our yoga mats.

The event began at 6.40 am with Mysuru DC Dr.K.V.Rajendra highlighting the contribution of Mysuru to yoga. He also mentioned plans for another Guinness Book of World Records for the largest participation of people performing yoga during Dasara this year. Following the event The Mysuru in-charge minister H.C.Mahadevappa addressed the event by saying that yoga helps one to maintain good mental and physical health, and lead a disciplined life which in turn will help in building a healthy society. Mysore-Kodagu MP Yaduveer Krishnadatta Chamaraja Wadiyar said that Yoga Day is an opportunity to create awareness of the importance of modern yoga. MLA T S Srivatsa said there are plans to gather over a lakh people for Yoga Dasara this year. As per the Yoga Day protocol, the yoga sessions began with "Shanka Naada" at 7.27 am. Participants performed over 22 warm-up exercises and simple yoga exercises like hastapadasana, utkatasana, baddhakonsasana, shavasana, etc. The session was ended with "Pranayama" and "Dhyana" at 8.40am. After the event had culminated everyone gathered in groups and clicked the photos along with the faculty in charge. We would like to thank Principal JSS Medical College, Dr. Basavanagowdappa H, Vice Principal Dr. Suma MN (preclinical), and Vice Principal Dr. Praveen Kulkarni (paraclinical) and Mr. Sathish Chandra, Chief Administrative Officer and NSS programme officers, JSS Medical College, Mysuru, for their support and cooperation to conduct the whole programme.







Report on Health Camps conducted

Sl No	Organization	Place	Date	No. of Patients Screened
1	JSS Hospital, Mysuru	13th Mega Health Camp, Saragur	08-01-2024	700
	 			
2	NJS Charitable Trust, Mysuru	General Health Camp, Mysuru	09-01-2024	435
	 			

3	JSS Hospital, Mysuru	General Health Camp, Mysuru	29-01-2024	300
	 			
4	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	13-02-2024	445
	 			
5	JSS Hospital, Mysuru	Sankalp Central Park, Yadavgiri	18-02-2024	200
	 			
6	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	12-03-2024	372
	 			

7	JSS Hospital, Mysuru	General Health Camp, Mysuru	31-03-2024	150
	 			
8	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	02-04-2024	150
	 			
9	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	14-05-2024	233
	 			
10	JSS Hospital, Mysuru	General Health Camp, KR Nagar	22-05-2024	250
	 			

11	JSS Hospital, Mysuru	Geriatric Health Camp, Ooty	26-05-2024	100
	 			
12	JSS Hospital, Mysuru	General Health Camp, Nanjangud	07-06-2024	682
	 			
13	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	11-06-2024	210
	 			

SRI SUTTUR JATHRA MAHOTHSAVA - 2024
JSS MEDICAL COLLEGE AND HOSPITAL
EXECUTIVE SUMMARY OF MEDICAL EXHIBITION




The annual Jathra Mahotsava of Adi Jagadguru Sri Shivarathreeshwara Shivayogi Mahaswamigalu, held at Suttur Srikshetra from February 6th to 11th, 2024, showcased a multitude of programs and exhibitions aimed at fostering scientific and educational awareness among rural communities. The medical exhibition, inaugurated by His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, focused on the theme "Healthy Lungs – Healthy Life: Every breath counts," emphasizing respiratory health education and preventive measures.

The medical exhibition by JSS Medical College and Hospital received 2nd prize at the Jathra Mahothsava for its efforts and commitment towards generating health awareness among the public.

Key Highlights:

- The exhibition featured 17 departments of JSS Medical College and Hospital, engaging thousands of visitors daily, including individuals of all ages.
- Departments like Anatomy, Physiology, Biochemistry, and Medical Genetics offered interactive displays, demonstrations, and educational materials on respiratory anatomy, lung function, genetic disorders, and preventive measures.
- Activities ranged from respiratory health quizzes, lung function testing, and deep breathing demonstrations to screenings for oxygen saturation and pulse rate using point-of-care testing devices.
- Departments like Pathology, Microbiology, and Pharmacology showcased models, posters, and educational games on lung pathologies, infections, and pharmacological interventions.
- Department of Community Medicine initiatives were community-focused activities included interactive games, puppet shows, movie screenings, and clean air pledges to promote awareness and behavioral change regarding respiratory health.
- Specialty departments such as Forensic Medicine highlighted safety measures related to gas geyser usage and drowning prevention, while Psychiatry focused on tobacco cessation and sexual health education.
- The School of Public Health emphasized air pollution awareness, preventive measures, and the importance of mask-wearing and social distancing.
- Feedback from attendees lauded the innovative and informative exhibits, with the JSS Medical College & Hospital exhibition receiving recognition and praise for its impactful contributions.

Conclusion: The Jathra Mahotsava medical exhibition effectively disseminated crucial information on respiratory health to a diverse audience, underscoring the importance of preventive measures, early detection, and community engagement. The collaborative efforts of various departments, faculty, students, and administrators of JSS Medical College & Hospital contributed to the event's success, reaffirming the commitment to public health awareness and education.

HPV Vaccination Programme - 19.12.2023

PHRII and JSS AHER are committed to vaccinate 200 girl children across Mysuru. School of Public Health, Department of Pediatrics have joined hands together in this endorsement. The HPV Vaccination Program aimed at rural and peri-urban adolescent girls in Mysuru, aligning with WHO's Global Strategy for Cervical Cancer Elimination, was inaugurated at JSS Hospital. The inauguration, held in the Sri Rajendra Centenary Auditorium on December 19, 2023, saw the participation of esteemed personalities including Dr. B. Suresh, Pro-Chancellor, JSS AHER, Dr. M.S. Jayanth, Reproductive and Child Health Officer, Department of Health and Family Welfare, Dr. H. Basavana Gowdappa, Principal, JSS Medical College, Dr. Purnima Madhivanan, Founder of PHRII, and Dr. Madhu C.P, Medical Superintendent of JSS Hospital. The press and media were present to capture and document this significant and inaugural event.

Inauguration

The pivotal participants of the day were six girls, aged 14, accompanied by their parents from JSS High School, Nachanahally Palya. They received the HPV Vaccine (Gardasil - 9), renowned for effectively combatting various HPV strains responsible for cervical and related cancers. The commitment of PHRII and JSS AHER involves vaccinating free of cost 200 girls across Mysuru, supported by sponsorship from Sun Pharma. Each dose of vaccine costs Rs.10, 500/- in the market.



Mrs. Kavitha from PHRII warmly welcomed everyone, initiating the inauguration with an invocation, which was followed by the dignitaries lighting the ceremonial lamp.Dr. Anil Bilimale, Chief Coordinator of the School of Public Health, JSS AHER, addressed the program's inauguration. Dr. Raghavi provided an overview of the HPV immunization program, explaining the rationale behind targeting this specific age group. Dr. Suresh Bhojraj, Pro-Chancellor of JSS AHER, expressed gratitude to the attendees, the School of Public Health, and the Pediatrics Department at JSS AHER for orchestrating the HPV vaccination program, benefiting over 200 teenage girls in rural and semi-urban areas of Mysuru District. Dr. Prashanth and Dr. Chethak from Dept of Paediatrics extended a warm welcome to Dr. H. Basavana Gowdappa, the Principal of JSS Medical College, and Dr. Madhu C.P, the Medical Superintendent of JSS Hospital.

Dr.Purnima Madhivanan, PHRII's founder, shed light on the cervical cancer burden in India and globally, emphasizing the significance of HPV vaccination and cervical cancer screening for women. Highlighting the 2030 target, she stressed the goal of vaccinating 90% of girls by age 15, screening 70% of women aged 35 to 45, and ensuring 90% of identified cervical disease cases receive appropriate treatment, concluding with the powerful statement, "Stop cervical cancer before it starts!" The event concluded with the felicitation of esteemed guests followed by a vote of thanks.

healthcare measures. As the program progresses, it is poised to instill awareness and understanding about the significance of immunization in safeguarding against cervical cancer, heralding hope for a healthier future for the community.











World Immunization Day – 2023 - Celebrations & Walkathon – 10-11-2023

Department of General Medicine, JSS Medical College and Hospital takes pride in informing that a "WORLD IMMUNIZATION DAY" was celebrated on 10th November, 2023 at JSS Hospital lobby. The program was inaugurated by our Executive secretary Dr.C.G.Betsurmath.

The program was presided by Registrar Dr Manjunatha B, Dr Mahesh R director of medical education, Principal Dr Basavana Gowdappa H along with Dr.Mruthyunjaya, Pharmacy Incharge and Administrative officer Mr Lokesh. The event was also attended by Vice Principals, HODs from various department, administrators, postgraduates, house surgeons, undergraduates and nursing students. Special invitees on the occasion of the event were representatives from various travel agencies from the city of Mysuru. Nearly 400 people attended the event.





The inaugural event was marked by welcome note from Dr. Ravi Kumar Y S, Professor and Head, Department of General Medicine. Invocation was given by Dr. Preethi Prabhu, post graduate student from department of medicine. This was followed by lighting of the lamp by our executive secretary along with release of the brochure on adult immunization and travel medicine. Dr.C.G.Betsurmath, Dr Basavana Gowdappa and Vishwanth from travel agency spoke on the need for immunization to all the needy people. Vote of thanks was delivered by Dr. Thippeswamy T, Associate professor from the department of Medicine. Smt Pallavi anchored the event.

Walkathon was organised in the designated route with all precautions on the occasion of the world immunization day to create awareness about the need for immunization to general public. Nearly 250 students from various department participated in the walkathon. This was followed by refreshments.

JSS Hospital adult immunization and travel medicine centre is the first of its kind in Mysuru and one among very few centres across the state and country. Till date more than 5000 people have received various vaccines. Mass immunization of hepatitis B vaccine was carried out to all the students from dental, medical and allied health sciences. Apart from administering various vaccines, the centre takes the opportunity to increase the public awareness about adult immunization in the hospital (OPD & in-patient). We are also planning for outreach program like radio talks and educating the public through print media.

Emergency Medicine for the Elderly - 22.07.2023



1st ever Geriatric Emergency care CME on 22.07.2023 conducted by the Department of Emergency Medicine & Department of Geriatrics JSS Medical College and Hospital was inaugurated today at SRC Auditorium, JSS Hospital, Mysuru by Dr. Basavana Gowdappa, Principal JSS Medical College, Dr. CP Madhu, Medical Superintendent, JSS Hospital, Mysuru, Dr. Brinda Basavaraj, HOD, Dept of Emergency Medicine, JSS Hospital, Mysuru and Dr. Pratibha Pereira, HOD, Dept of Geriatrics, JSS Hospital Mysuru. JSS Hospital Management, JSS Medical College Faculty & Students, Hospital staffs, and Nursing staff were present during the inauguration Program. 200 delegates participated in this event.

19th Annual National Conference of Indian Association for Geriatric Mental Health (GERON 2023) - 23.09.2023-24.09.2023



With the blessings of His Holiness Mahaswamiji, Department of Psychiatry, Department of Clinical Psychology, Department of Geriatrics JSSMC & JSSH & JSSAHER along with the Indian Association for Geriatric Mental Health conducted the Indian Association for Geriatric Mental Health 19th Annual National Conference- GERON 2023 from 23rd September 2023 to 24th September 2023 at Jss Medical college and Hospital, Mysuru. The theme for the conference was Relationship and Caregiving in Elderly. The conference was attended by around 150 health professionals from all over India. Justice N Kumar former judge of Karnataka High court was the chief guest for the conference, he has been also serving as the mentor for the Karnataka State Mental Health Authority. The program was inaugurated by Dr Manjunatha, Registrar, JSS AHER and Dr Basavana Gowdappa H, Principal, JSS Medical college Mysuru. The program was presided over by Dr Gautam Saha, President of IAGMH.

The inauguration was followed by the book release of two books titled Relationship and Caregiving in elderly (Authors: Dr T S Sathyanarayana Rao, Dr Shivananda Manohar J, Dr Suman S Rao & Dr Vikram G) by Dr Alka A Subramanyam President- Elect, IAGMH and another book titled Ageless Reverie (Authors: Dr T S Sathyanarayana Rao, Dr Rajshekar Brahmbhatt, Dr Suman S Rao & Dr Vikram G) by Dr S C Tiwari, Founder President, IAGMH. The two days conference started with the Presidential Address on Indian Families Contribution to Geriatric Care by Dr Gautam Saha. Followed by the issue of the most Prestigious awards which includes Prof. Shiv Gautam oration award and IAGMH Annual award.

World renowned specialist in the field were resource persons for the various sessions conducted including Dr Alka Subramanyam, Dr Sandeep Grover, Dr Sheeba Ninan, Dr Niska sinha, Dr Tophan Pati, Dr Kishor M, Dr Shivanand Manohar J, Dr Tejaswini, Dr Pradeep Kumar. The first day was concluded with the General body meeting of IAGMH. The second day of the conference started with the free papers presentation by various Postgraduates across India. The second day also had various sessions conducted by renowned resource persons including Dr S C Tiwari, Dr K S Shaji, Dr Shiv Gautam, Dr Abdul Majid, Dr Vijay Harbishettar, Dr Indira Sharma, Dr Chittaranjan Andrade, Dr G Prasad Rai, Dr Kumawat S R. The Young Psychiatrist Fellowship award 2023 was presented to Dr Chandrima Naskar (AIIMS, Kalyani), Dr Tajamul Hussain (Government Medical College, Baramulla, J&K) and Dr Raj Laxmi (PGIMER, Chandigarh) . The future direction of the committee was discussed and the conference was concluded.

Preventive Oncology CME – 13-12-2023

Preventive oncology CME was organized by the dept of OBG in association with Serum Institute at Hotel President on 13-12-2023. There was panel discussion on Ca Cervix. 30 delegates attended this program.





Therapeutical Advances in Pediatric Dermatology – 10-12-2023

Department of Dermatology and IADVL SIG Pediatric Dermatology organized Pan India CME ON Therapeutic advances in pediatric dermatology at SRCA JSS Hospital on 10th December 2023. Several lectures and panel discussions were held as a part of the scientific program. More than 100 delegates participated in the academic activities. Award paper presentations and poster presentations were held and best papers were chosen and awarded. Renowned academicians delivered lectures in the event. 100 delegates attended this program.\





Stress Management for Women officers of State Bank of India on 18.11.2023



This programme is conducted by State Bank of India training centre which is located in jayalakshmi puram, mysore. This programme was for women officers who are newly recruited or in the early part of their career in the category grade A and B. This initiative is to empower newly recruited officers to achieve greater success in their career and this was a two day programme which was attended by newly recruited women officers and the topics involved mostly included banking topics, one among the topics was stress management for officers conducted by Dr.Shivananda manohar. During the 75minute lecture, causes of stress, biopsychosocial model for stress was covered. In the course of the talk, various manifestations of stress was addressed. The I'll effects of stress was also mentioned. Various stress management strategies including relaxation, physical activity, diet was also mentioned. Impact of resilience as a buffer to stress was also mentioned to the audience. Various strategies to build resilience like living in the moment was also addressed. Role of mindfulness as a part of resilience building was discussed in detail. Role of positive thinking in maintaining good health was also mentioned. Importance of maintaining a gratitude journal, finding ways to be stress-free with flipping through a magazine, listening to an audio book was also discussed. Key points to be happy and successful was also discussed in detail. There was also a question and answer interactive session with the audience.

Race for 7 on 25-02-2024

Race for 7 is an awareness run organized by Organization for Rare Disease India (ORDI) – a team committed to address the challenges of rare disease patients and their families in India.9th edition of this marathon was organized across India in 10 cities. The Mysore edition was flagged off from Balarama gate, Mysore Palace Premises, Kote Anjaneya Swamy temple.

The purpose of the event is to raise awareness about rare diseases, to empower patients and their families with access to national and international resources. Race for 7 symbolically represents the 7000 rare diseases with 7000 people running for 7 kilometres. We are here for the 9th edition of this event today.

Nearly 350 and more participants, parents of rare disease community and medical specialists, supporters joined the event

Dignitaries present at the event

1. Yogatma Srihari is the founder and the 'Yoga Guru' of GSS Yogic Research Foundation was the Chief guest for the event
2. Mr.Jinu, Vice President, Research and Development Solutions. IQVIA
3. Dr.Mallika Deputy Director, Directorate, Health & family Welfare, Mysore
4. Dr.S.J.Patil, Medical Geneticist JSS Hospital
5. Dr.B.Manjunatha Registrar JSS Academy of Higher Education and Research
6. Dr.Vishal Kumar Gupta and Dr Prashant Vishwanath from JSSAHER
7. Dr.Praveen Kulkarni from JSS Medical College
8. Dr.Deepa Bhat, Genetic Counsellor, ORDI Coordinator, Mysore RDCCC branch
9. Mr.Narasimha Murthy, ORDI parent coordinator, Mysore branch





GUEST LECTURE DELIVERED BY THE FACULTY

Sl.No.	Name of the faculty	Title	Date & Venue	Certificate / Photos
1	Dr. Vidya CS	Development of face and its anomalies	8th& 9th Sept 2023 JSS Dental College, Mysuru.	
2	Dr. Vidya CS	Nutrition week	2nd September 2023 JSS Medical College, Mysore	
3	Dr. Akila Prashant	CME on Maternal Serum markers for Prenatal screening	2nd July 2023 Medical College, Baroda	
4	Dr. Prashant Vishwanath	CME on Basic Panel for Newborn screening	2nd July 2023 Medical College, Baroda	
5	Dr. Rajesh Kumar T	Human Papillomavirus modulate NRF2 signaling in Head & Neck cancers: biomarker for patient prognosis and de-escalation therapy- IADCA-JSS AHER Symposim	03rd July 2023 JSS AHER	
6	Dr. Prasanna Kumar S	Hepatocellular Carcinoma and its Preventive and therapeutic strategies, IADCA-JSS AHER Symposim	03rd July 2023 JSS AHER	

7	Dr. Prasanna Kumar S	Cancer	21st July 2023 Hampi	
8	Dr. Rajesh Kumar T	FDP on Advancement in Biological Sciences for the sustainable development in agriculture, Health and allied sectors	7th to 11th August 2023. REVA University, Bengaluru	
9	Dr. MVSST SubbaRao	DST-SERB sponsored International Conference on Genetics and Epigenetics of Cancer	30th& 31st October 2023. School of Life Sciences, Mysuru	
10	Dr. Rajesh Kumar T	DST-SERB sponsored International Conference on Genetics and Epigenetics of Cancer	30th& 31st October 2023. School of Life Sciences, Mysuru	
11	Dr. Prasanna Kumar S	Nutraceuticals. for inflammatory diseases and cancer	22nd& 23rd December 2023 NMAM Institute of Technology, Nitte	
12	Dr. Akila Prashant	Dr.S Gopalakrishnan Oration: Unravelling the Mysteries: Rare Disease Research & Therapeutics	14th to 16th December 2023 CIDCO Convention Centre, Navi Mumbai	

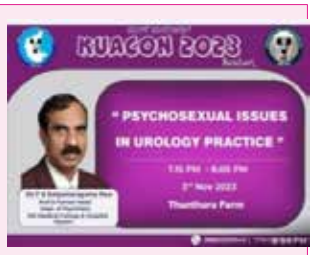
28	Dr Anil S Bilimale	Part of panel discussion on Global hand Washing Day by SIRD and Unicef	16-10-2023	
Medicine				
29	Dr.H.Basavana Gowdappa	Medical Education and Research Trust® Association of Physicain of India 44th CME Programme in internal medicine & Prof. Dr.K.S.S APPA Memorial XX National symposium in cardiology - Adult Vaccination	26.10.2023 to 01.11.2023 Bangalore 	
30	Dr.H.Basavana Gowdappa	International conference on Improving Efficiency and Effectiveness in Health Delivery Systems in Developing countries: Research, Implementation and Policy Issues" Topic: "Health Delivery system in an Emerging Economy role of innovation for cost Effective Delivery: A case study from India"	21st to 23rd November 2023 Pearle Beach Resort, Flic en Flac, Mauritius	

31	Dr. Pratibha Pereira	Topic Frailty in the elderly in Indian Medical Association Kerala State Brach Committee for care of older person and Geriatric Society of India on Online Mode on	04.08.2023 (Online)	
32	Dr.Tejaswini.C.J	Elder Care"Health & Wellness Centre-	19.01.2023 Jayalaxmipuram, Mysuru	
33	Dr. Shilpa Avarebeel	Elderly Self Care	15.11.2023 Kollegal	
34	Dr. K.B Suma	CME on Autoimmune Disorders in pregnancy	02.07.2023 JP Fortune Palace Mysuru	
35	Dr. Hemapriya L	Organised cme on Autoimmune disorders in pregnancy Participated as panelist on Recurrent pregnancy loss	02.07.2023 JP Fortune Palace Mysuru	
36	Dr. Prathap T	Sowa Rigpa Doctor during the 10 days orientation course on allopathy	07 July 2023 Byalaguppe, Karnataka	

37	Dr. K.B Suma	Papilloma virus vaccine in prevention of Cervical Cancer in females	18.07.2023 Auditorium of Trinity college Vijaya Nagara Mysuru	
39	Dr. Prathap T	Conducting talk on “EASY & SAFE TLH”	28.07.2023	
40	Dr. Jayashree S	Dr. S N Kaulgud Memorial CME talk on Evidence based apporch an infertile couple	12th August 2023 Hotel Sandesh The Prince	
41	Dr. Jayashree S	Happy learning Master class webinar series Mixed bag Panel discussion on Reverse panel POCSO Act	22nd August 2023	
42	Dr. Jayashree S	Understanding male infertility Evaluation and treatment	24th November 2023 Hotel Royal Orchid Metropole Mysuru	
45	Dr.Jayasree Ramesh	World Physiotherapy Day 2023 Seminar Multidisciplinary Management in Rheumatoid Arthritis Topic – Rehabilitation in Rheumatoid Arthritis	6th September 2023 SRCA, JSS Hospital, Mysuru	

46	Dr Archana K N	ERAS in pediatrics	12th to 13th Aug 23 MMC & RI, Mysuru	
53	Dr.Kishore.M	"Impact of Gadgets Harmful Use on Children & Adolescents"	5th July 2023 JSS College of Speech & Hearing, Mysuru	
54	Dr.Kishore.M	National Program for training Tibetan Doctors	3rd to 14th July .2023 	
55	Dr.Kishore.M	National Conference Understanding child & Adolescent Development	27th July 2023 Bangalore	
56	Dr.Kishore.M	Best Practices in Multidisciplinary Dementia Care	23rd November 2023 JSS Institute of Speech & Hearing, MG Road Mysuru	
57	Dr.T.S.Sathyanarayana Rao	Topic: MSE: Basics of Interview and Examination for Sexual Dysfunctions	22nd & 23rd July 2023	

57	Dr.T.S.Sathyanarayana Rao	IPS National Workshop on Clinical Practice Guidelines (CPG) for Psychiatrist in India on Mental Health & Well being. Topic : Sexual Wellbeing	13th August 2023	
58	Dr.T.S.Sathyanarayana Rao	Emerging Psychiatric Specialities, with emphasis on Sexual Medicine	2nd October 2023 Mangalore	
59	Dr.T.S.Sathyanarayana Rao	Topic Understandig Adolescent: Sexuality & Relationship	10th October 2023 Kolkata	
60	Dr.T.S.Sathyanarayana Rao	Topic ‘Psychotropics and the Sexual Life	21st October 2023	
61	Dr.T.S.Sathyanarayana Rao	Topic: Beyond Hormones: The Biochemistry of Love & Sex	26th October 2023	
62	Dr.T.S.Sathyanarayana Rao	National Conference on Sexual health – AMOGS Topic: “Role of Counseling in Sexual Medicine Practice”	30th October 2023	

63	Dr.T.S.Sathyanarayana Rao	Psychosexual issues in urology practice	3rd November 2023 Shimoga	
64	Dr.T.S.Sathyanarayana. Rao	Intensive Residential Clinical Skills Training Workshop & Celebration of International Sexual Health Day	4th& 5th Sept 2023 Hotel Sepoy Grande, Mysore	
65	Dr.T.S.Sathyanarayana. Rao	Sexual medicine committee master class series of psychosexual health session 7 Topics: Hypersexuality: Sexual Addiction Disoder- The Concept, Controversies & the Current Status	28th Sept 2023	
66	Dr.Shivananda Manohar.J, Dr.Pradeep Kumar.P.C	Special Lecture Series – Stress and Resilience	25th November 2023 Manasagangothri, Mysuru	
67	Dr.Pradeep Kumar.P.C	Special Lecture Series – " Mental Wellbeing Managing Academics."	25th November 2023 Manasagangothri, Mysuru	
68	Dr.Pradeep Kumar.P.C	Teen Suicide:- Signs and Prevention	15th September 2023 St Philomena's College, Mysuru	

75	Trishala.D	Stress Management in Nursing students	21st November 2023 JSS Nursing college, Chamrajnagar	
77	Dr (Maj) Aradya H V	Panel discussion on Jaundice in Pregnancy	22.07.2023 Hotel Sandesh The Prince Mysuru	
78	Dr.Vaishnavi Hiren Joshi	Role of Occupational Therapy in Psychiatric Disorders	22-08-2023 JSS Hospital, Mysuru 	

Dr. Deepa Bhat-(**ANATOMY)** 3rd January 2024NHM office, Bhopal- State level NHM SCD Conference, Madhya Pradesh : Panel Discussion on Role of Vaccination for left out children and adult living with SCD





Dr.Manjappa M.- Decoding a curious case of 'Adult Onset Epilepsy'!!!- 14th February 2024 -Sri Rajendra Auditorium, JSS Hospital, Mysuru

- Dr. Prasanna Kumar S.- Vitamin D mimicking role of Quercetin and its potential effect in ameliorating metabolic syndrome and breast cancer induced liver injury-20th March, 2024World Cancer Congress on Integrative medicine and Translation Research in Cancer–2024 18th-20th March, 2024, Jawaharlal Nehru University, Delhi, India

Dr.Mamatha S Prof. & HOD and Dr.K.B.Suma, Professor of O.B.G felicitated by DC in inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC on 09-02-2024



Student Award

Ms. Yashika Sharma, a Phase III Part II MBBS Student of JSS Medical College, has won *‘First Prize’* in Essay Competition organised by “JSS Law College Hostel for Women, Mysore”. Ms.Yashika has also won a *cash prize of Rs.3000* for the same. The topic of the competition was either on “Women from Home Maker to Parliament, a Struggle for Success” or “Role of Women as a Single Parent in Present Scenario”.







Stuti Jajodia, Vanshika Jaimini and Sana Singh, MBBS Phase II (2022-23 Batch) went for anat art fest in Father Muller Medical College, Mangalore, held on 18th May, 2024.students have won 3rd position in the same. The competition consisted of three rounds, Davinci round, candid clicks round and magic fingers round, where in we had to make diagrams for the identified anatomical structure, relate a natural structure to an anatomical structure, and the top 5 teams selected had to do dissection for the third round.

Akshatha N.S., Ph.D. scholar Biochemistry dept received Best Poster Award at the Annual meeting of Society of Biological Chemists (India) during 18th to 20th December 2023 at BITS Goa.



Dr.Preethi G.A. Senior project Associatefrom department of Biochemistry received Best Oral presentation award at Karnatak University, Dharwad on 24th Jan.2024.



Medha, Ph.D. scholar received Best e-poster award at "International conference on global collaboration in Pharmaceuticals Bridging Borders Breaking Barriers" at JSS College of Pharmacy, Ooty during 15th to 17th March 2024



Harshitha, Ph.D. scholar received Best Oral presentation at National conference on Biochemistry emerging Science & technology held at MMK & SDM Institute, Mysuru on 14th & 15th March 2024.

Dr.Shubhashree AN, Dr. Shivani,_ Mr. Hemanth, Dr. Deeksha M, Dr.Rachana BN,_ MPH students received GRAAM Y4G Fellowship at Grassroots Research and _Advocacy Movement (GRAAM), Mysuru on 29th May 2024.

Dr.Krupa Krishnan, PG in General Medicine received Best Presentation award at Centenary Celebration Medicine Update – 2024 organized by Mysore Physicians Medical & Research Trust ® in collaboration with Department of Medicine, MMCRI & JSSMC, API, Mysore Chapter during 12th to 14th January 2024.



Dr.Maneesha Bellam, PG in General Medicine received Cash prize for the best debater at Centenary Celebration Medicine Update – 2024 organized by Mysore Physicians Medical & Research Trust ® in collaboration with Department of Medicine, MMCRI & JSSMC, API, Mysore Chapter during 12th to 14th January 2024.



Dr.Shivasubramaniam Karunakaran, PG in Respiratory Medicine received First Prize in category Obstructive Airway Disease at Lulu International Convention Centre, Thrissur, Jubilee Mission Medical College Hospital and Research Institute Thrissur Kerala during 2nd to 4th Feb.2024.



Dr.Aishwarya Aladakatti, PG in Respiratory Medicine received Best E-Poster award at 26th National conference of the Indian Association for Bronchology, Kochi during 24th to 26th May 2024.



Dr.Apoorva, Dr.Kusuma, PGs in _O.B.G. received first prizes in quiz and Dr.Srinidhi received_Second prize in quiz at KSOGA _(Online) on 19th April 2024.

ICMR Fellowship details
UG Student (ICMR) Research Projects – Ongoing

Title of the project	PI	Guide	Amount sanctioned
Evaluating the levels of follistation (FST) A Biochemical Marker in older Population with and without sarcopenia	Ms.Sarani Sree Reddy Dumbala	Dr.Kusuma K S Asst. Professor of Biochemistry	50,000.00
Relationship of traffic noise exposure and ambient PM 2.5 levels with arterial blood pleasure perceived stress and sleep quality among street traders at Mysuru city karnataka	Mr.Kaustubh Gaur	Dr.Praveen Kulkarni Professor of Community Medicine	50,000.00
Barriers to vasectomy and its associated socio-demographic variables among the couple who have adopted tubectimy in urban rural and tribal areas	Ms.Muskan Jindal	Dr.Smitha C Asst. Professor of Community Medicine	50,000.00
Relationship of traffic noise exposure and ambient PM 2.5 levels with arterial blood pleasure perceived stress and sleep quality among street traders at Mysuru city Karnataka	Mr.Kaustubh Gaur	Dr.Praveen Kulkarni Professor of Community Medicine	50,000.00
Barriers to vasectomy and its associated socio-demographic variables among the couple who have adopted tubectimy in urban rural and tribal areas	Ms.Muskan Jindal	Dr.Smitha C Asst. Professor of Community Medicine	50,000.00

SIG DETAILS

Sl. No	Title of the Project	Name of the Principal Investigator	Department	Project Sanctioned letter No. & Date	Grants Sanctioned
1	Respiratory and Environmental Diseases.	Dr. P A Mahesh Professor of Respiratory Diseases	Respiratory Diseases	REG/ACA/SIG/225/ 2016-17 Dated: 13.06.2016	300000.00
2	Cancer Biology and cancer Stem Cells	Dr. MVSST Subbarao Asso. Professor	Biochemistry	REG/ACA/SIG/225/ 2015-16 Dated: 18.03.2016	1ST -300000 2ND - 300000
3	Comprehensive Geriatric Care	Dr. Prathibha Periera Asso. Professor	Medicine	REG/ACA/SIG/225/2016-17 Dt: 20.04.2017	300000.00
4	Public Health	Dr. H Basavanagowdappa Principal, JSSMC	JSSMC	REG/ACA/SIG/225/2017-18 Date: 12.12.2017	300000.00

5	Patient Care Management	Dr. H Basavanagowdappa Principal, JSSMC Mrs.Kanakavalli K Kundury	JSSMC	REG/ACA/SIG/225/2018-19/1419 Dt: 07.05.2018	300000.00
6	"Human Genomics and Rare Disorders".	Dr. Akila Prashant Professor Dept of Biochemistry	Biochemistry	REG/ACA/SIG/225/2018-19/1772 Date: 24.05.2018	300000.00

Programmes conducted by the Institution

National/International Days Celebrated

1. Doctors Day Celebration on 01-07-2023
2. World Population Day on 11-07-2023
3. Observation of Adolescent Day on 01-08-2023
4. World Breastfeeding week on 02-08-2023
5. World Breastfeeding Week from 3rd to 7th Aug.2023
6. World Breastfeeding week on 04-08-2023
7. Tree sapling – Observation of Independence Day on 14-08-2023
8. Awareness and Screening Programme for lung Cancer on 24-08-2023
9. Teachers Day on 05-09-2023
10. National Nutrition Week from 1st to 7th Sept.2023
11. World Suicide Prevention Day on 11-09-2023
12. Awareness Programme on Substance abuse and Observation of World Ozone Day on 16-09-2023
13. World Anatomy Day on 18-09-2023
14. World Arthritis Day on 14-10-2023
15. World Mental Health Day on 16-10-2023
16. World Aids Day on 01-12-2023

World Population Day – 11-07-2023



On the occasion of World Population Day 2023 various activities were held by Department of Community Medicine, JSS Medical College, JSS AHER at Government High school and JSS Urban Health Centre, Bamboo Bazaar on 11/07/2023.

Activity 1: Guest lecture was delivered by Dr Rama H V, Lady Medical Officer of JSS UHC. She highlighted issues of population explosion and briefed about family planning methods. Another talk was delivered by Dr Amoghashree, Assistant Professor and Co-ordinator of JSS UHC on Gender equality. This was followed by Skit performance by Nursing students of JSS College of Nursing on the theme "Unleashing the power on Gender Equality- Uplifting the voices of women and girls to unlock our world's infinite possibilities". Prizes were distributed to winners of Essay competition which was held as a part of World Population Day to the students of Government High school, Bamboo Bazar. Headmistress Mrs. Pushpavathi, Interns, staffs of High school, Sri. Santosh, health inspector, Sri. Sunil, health assistant and around 100 high school students were present during the event.

Activity 2: In association with JSS Jana Shikshan Sansthan, Department of Community Medicine, JSS Medical

College, conducted an awareness program to the beneficiaries of tailoring course in JSS UHC premises.Sri. Ramesh, Director of JSS Jana Shikshan Sansthan gave a keynote address on World population day.Dr. Rama H V delivered a talk and Video of skit enacted by JSS college of Nursing was shown to the beneficiaries. Smt. Sowbhagya, Programme officer JSS Jana Shikshan Sansthan, Faculty Naveeda Banu and staff of JSS UHC attended the event. About 40 women beneficiaries participated and gained knowledge on Family planning.

Observation of Adolescent Day – 01-08-2023



Department of community Medicine, JSS Urban Health Center, JSS Medical College, Mysuru observed Adolescent day in association with Inner wheel club of Mysuru Gold. A Programme was organized to create an awareness on Menstrual Health and Hygiene to girls studying in 5th to 10th standard of Government Higher Primary school and Government High School Yadavagiri, Mysuru at Yadavagiri school premises on 01.08.2023.

Dr Rama H.V, Lady Medical officer of JSS Urban Health Center gave a talk on Menstruation, Menstrual hygiene, Adolescence Managing Problems during adolescence. This was followed by question and answer session and queries from students were clarified. The Hygiene kit including 10 sanitary napkins, toothpaste, tooth brush, soap were distributed to the school which was sponsored by Inner wheel club of Mysuru Gold.

Smt. Uma Anil, President, Smt Vijayalakshmi secretary of Inner wheel club of Mysuru Gold, Sri. Mahesh, Head Master, Government High School, Smt Nagaveni, Head Mistress Government Higher Primary School yadavagiri and their staff, Medico social students, were present during the event.40 girls attended and gained the knowledge through the programme. Sri. Santhosh, Health Inspector, Sri Sunil, Health Assistant. Sri. Mallikarjuna swamy, Social Worker. coordinated the Programme.

World Breastfeeding week – 02-08-2023



Department of Community Medicine observed Breastfeeding week at JSS Urban Health Center on 02.08.2023 in association with Inner wheel club of Mysuru Gold and Inner wheel club of Mysuru Midtown at JSS Urban Health Center.

Dr Amoghashree, Assistant professor Department of Community Medicine and coordinator JSS Urban Health Center Presided. Dr H.V Rama, Lady Medical Officer, JSS Urban Health Center gave a power point presentation on the theme of World Breastfeeding Week “Enabling breastfeeding making a difference for working parents” advantage of Breastfeeding to both Mother & the baby. The interactive session which followed was helpful in creating awareness, dispel myths & misconceptions on breastfeeding.

Smt. Uma Anil, President Inner wheel club of Mysuru Gold. Smt. Saba moving suyani President, Inner Wheel club of Mysuru Midtown, Smt Sandhya Suresh Secretary, Inner wheel club of Mysuru Midtown, with other members, Dr Amoghashree, Dr H.V Rama inaugurated the Programme by watering the plant.

The Protein powder sponsored by Inner Wheel club of Mysuru Midtown, Iron syrup sponsored by Inner club of Mysuru Gold were distributed to antenatal & Postnatal Mothers.40 women participated. Earlier Smt Nirmala & team rendered invocation & song on Breastfeeding. Sri. Santhosh H.B Health inspector welcomed. Sri. Sunil Health assistant Proposed vote of Thanks. Sri. Mallikarjuna Swamy Social Worker, JSS Urban Health Center, Coordinated the event.

World Breastfeeding Week 2023 – 03rd ,04th & 7th Aug 2023



On the occasion of World Breastfeeding Week, a Health Education session was organized at Suttur PHC on 3rd August 2023. Dr. Kavya G Upadhya, Senior Resident, Department of Community Medicine and Dr. Ramya M, Medical Officer, Suttur PHC discussed the problems faced by breastfeeding mothers and educated them regarding various aspects of breastfeeding and its importance. Other staffs of Suttur PHC were also present on this occasion. About 30 expectant and lactating mothers attended the session.

The Department of Community Medicine, JSSMC had organized a webinar on the occasion of World Breastfeeding Week 2023 on 4th August 2023, Friday from 2 – 3 pm. Our Resource Faculty, Dr. Madhu B, Professor, Dept. of Community Medicine and Deputy Dean (Research), JSSAHER gave her valuable insights on the topic "Enabling Breastfeeding: Making a difference for working parents". The webinar was co-ordinated by Dr. Kavya G Upadhya. Around 200 participants from across India registered for the webinar.

Health education session was conducted at Bannimantap, Urban Primary Health Centre as a part of observation of World Breastfeeding Week on 7th August 2023. Phase 2 MBBS students presented a skit on the importance of breastfeeding. The audience included antenatal mothers, postnatal mothers and general public. Dr. Lokesh, Medical Officer, Urban PHC, Reshma Banu, Corporator Bannimantap and other staff were present on this occasion. The event was co-ordinated by Dr. Shruddha, Post graduate, Dept. of Community Medicine; Dr. Kavya G Upadhya and Dr. Mythily M R, Senior Residents, Dept. of Community Medicine.

World Breastfeeding week – 04-08-2023



Department of Community Medicine, observed Breastfeeding Programme on 04.08.2023 in association with Inner Wheel Club of Mysuru Gold and Inner Wheel Club of Mysuru Midtown at Anganawadi Center Medar Block.

Dr. H.V Rama Lady Medical Officer JSS Urban Health Center, gave a talk on the theme as well as importance, advantages of breastfeeding to Mother & baby.

15 Antenatal & pregnant mothers actively participated in the programme. Smt. Yashoda Anganawadi worker, organized this programme.Iron Syrup & Protein powder sponsored by Inner Wheel Club of Mysuru Gold & Inner Wheel Club of Mysuru Midtown respectively were distributed.Sri. Sunil Health assistant, Sri. Santhosh Health Inspector, JSS Urban Health center coordinated Programme.

Tree sapling – Observation of Independence Day – 14-08-2023



Department of Community Medicine, JSS Urban Health Center, JSS Medical College, Mysore had organized Tree saplings Planting Program in association with Rajeev Sneha Balaga under public private partnership at JSS Urban Health Centre on 14.08.2023 on the eve of 77th Independence Day.

10 saplings (Medicinal &floral) were planted inJSS Urban Health Centre Garden. Smt. Lakshmi Rajeev, Rajeev Sneha Balaga, Smt. Sandhya Suresh, Secretary Inner Wheel Club of Mysore Midtown, Dr. M.C. Prasad, Assistant Professor, Dept of General Medicine, Dr.Amoghashree, Assistant Professor & JSS UHC Coordinator, Dr. Noor Fathima, Assistant Professor, JSS Ayurveda College , Dr. Rama H.V, Lady Medical Officer & staffs of JSS Urban Health Centre Planted the saplings.

National Nutrition Week – 1st to 7th Sept.2023



National Nutrition Week (NNW) is observed annually in India from September 1 to 7. This dedicated week aims to raise awareness among people about the vital role of nutrition and the significance of cultivating healthy eating habits. The theme for this year is **"Healthy diet going affordable for all".**

In this regard, the Department of Community Medicine, JSS Medical College, Mysuru organized a series of activities.

Firstly, a Healthy Food cooking competition on 2nd Sept 2023 was organized with the theme **"**Colors of Nutrition: Easy recipes for working parents"

The event was inaugurated by Dr. Suma M N, Vice principal (preclinical), Dr. Praveen Kulkarni, Vice principal (para clinical), and Shri Satish Chandra, Administrative officer, JSS Medical College, Mysore. Overall, 10 teams from different sections of JSS AHER participated. The teams prepared dishes with varieties ranging from paneer pulao to ragi balls, jowar roti, foxtail Upma, and Dalia payasam to green tea.

The event was judged by Dr Suma M N, Vice-principal, JSS Medical College, Dr.Dhakshaini M R, Principal, JSS Dental College, Dr. Vidya C S, Prof & Head, Dept of Anatomy, JSS Medical College, Mrs. Kokila M S, Deputy Director (Sr.Grade), JSS AHER and Mr Jithen Shibhu (1st yr Mpharma) JSS College of Pharmacy.

The event was very well received by both the judges and the participants with their enthusiastic participation. Team no 10- Dr.Lekha and Dr.Rakesh won the first place, and Dr. Sulochana and Dr.Shilpa from Team 8 won the second place. A consolation prize from the judges was given to Mrs. Kasturi and Ms. Manjula for putting extra effort and enthusiasm into the preparation of their dishes. Dr Sunil Kumar D, Head of Dept of Community Medicine, proposed releasing compiled recipes in a Food magazine. The event concluded by a Vote of thanks by Dr Sunitha Singh, Sr Resident, Dept of Community Medicine.

Secondly, a Painting competition was organized for JSS public school students, J P Nagar on the theme **"Fuel for the future: Right nutrition for Right Health"** on 4th Sept 2023. More than 250 students from 1st to 10 standards participated. The students unveiled their talents through lovely paintings. Mrs. Smitha, Principal, JSS Public School, J P Nagar, supported organizing the event in a smooth manner. The prizes for the children were categorized into 3 categories- 1st category 1st to 4th standard, 2nd category 5th to 7th standard, and 3rd category 8th to 10th standard. The paintings were initially screened by Dr. Sunitha Singh and were subsequently judged by Dr. Kala Bharathi, Professor, Department of Pharmacology, JSS Medical College, and Dr. Vijaya Vageesh, Associate Professor, Department of Physiology, JSS Medical College. The prizes were distributed on 16th September 2023. Kaushik Reddy, of 4th A, secured 2nd place, and Saisohan C, from 3rd B, secured 1st place in Category I. Siri S, from 6th B, bagged the 2nd place and Anarghya S, of 6th B, bagged the 1st place in Category II. Chaithanya Mahesh, of 8th B, and Preetham Gurukar N A, of 8th std, secured 2nd place and 1st place respectively under Category III.

3. A Webinar on **Healthy diet going affordable for all** was organized on 5th Sept Sept 2023. Dr. Nayana Shabadi, Assistant Professor, Department of Community Medicine, JSS Medical College, gave the webinar talk. In total, 111 participants had registered for the webinar. In the feedback, the participants requested many such webinars in the future.



The department also organized a series of Radio talks in collaboration with JSS Radio. The radio talks focussed on topics such as Simple ways to level up your eating habits which was aired on a Live show on 1st September. This radio talk was given by Dr. Praveen Kulkarni, Vice Principal (para-clinical) and Professor, Dept of Community Medicine, JSS Medical College. Another topic, "Staying Young: Nutrition facts" was delivered by Dr Mythily M R, Senior Resident, Dept of Community Medicine, JSS Medical College which was aired on 4th Sept 2023. Dr.Madhu Srinath, Deputy Dean, Research, JSSAHER, also delivered a radio talk on "Right nutrition: Right Health" which was aired on 11th Sept 2023. This was followed by another radio talk by Dr.Shwetha N Kurkuri, Senior resident, Dept of Community Medicine, JSS medical college, on "Mindful eating for health goals" aired on 18th Sept 2023. Dr Sunitha Singh, Senior resident, Dept of Community Medicine gave a digital audio talk on "Superfoods- Myths and Facts" available on YouTube https://youtu.be/wV8WiQuPdVg?si=ZNJZAvPqiJiUOTUq .

In order to bring about awareness among the public, the Department of Community Medicine also organized a flash mob followed by a skit by MBBS students at Mall of Mysore and Nexus City Mall, Mysore on 9th Sept 2023. A total of 13 students performed a flash mob and skit highlighting the ill effects of Unhealthy eating. The flash mob and skit had a good turnout of onlookers and mall visitors with more than 100 people witnessing the show.

The Nutrition Week activities concluded with the sensitization of school students on healthy foods and healthy eating habits through health education by Dr. Sunitha Singh, Senior Resident, Dept of Community Medicine on 16th Sept 2023. Students of classes 5, 6 and 7 from JSS Public School, J P Nagar, Mysore participated.

World Mental Health Day - 16.10.2023



Department of Community Medicine in collaboration with Department of Psychiatry, JSS medical college, Mysuru observed WORLD MENTAL HEALTH DAY - 2023 on 16th October 2023 at 2pm in Gallery 6.

The program began with a welcome speech by Dr.Sunil Kumar D, Professor and Head of Department of Community Medicine, JSSMC. This was followed by Dr. Praveen Kulkarni, Vice Principal, JSSMC addressing the gathering about the association of stigma with mental health, and later Dr. Kishore M, Professor and Head of department of Psychiatry, JSSMC sharing with the students, the various activities carried at institutional level for the promotion of mental health wellbeing. During the event prizes were distributed to the winners of reflective writing and short film competition held on the account of World Suicide Prevention Day-2023.

In view of the day, a panel discussion as held based on the theme "MIND, THE MIND". The panelists for panel discussion were Dr. Arvind Raj, Additional Professor, Department of Psychiatric social work, NIMHANS, Bengaluru, and Dr. MR Seetharam, Consultant Orthopedic surgeon, SVYM, Executive Secretary, VILD foundation, Mysuru, and Managing trustee, DISHA Foundation, Mysuru. The panel discussion was moderated by Dr. Smitha MC, Associate Professor, Department of community medicine, JSSMC. The main objective of the discussion was to sensitize the medical students on the importance of mental health both in their personal and professional life.

During the panel discussion, key aspects related to mental health like the challenges faced towards the implementation of community mental health programs, stigma and mental health, influence of social and cultural aspects on mental health, connection between body mind and soul, stress coping, role of life skills and resilience in promotion of positive mental health, suicidality, ways to overcome it, and help seeking were discussed. This was followed by the vote of thanks by Dr.Pradeep Kumar KC, Assistant Professor, Department of Psychiatry, JSSMC.

World Aids Day - 01-12-2023



An Awareness Programme on World AIDS Day 2023 was conducted by JSS Urban Health Center, Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru in Government High School, Medar Block, Bamboo Bazaar on 01.12.2023.

Dr. H.V Rama, Lady Medical Officer, JSS Urban Health Centre delivered a guest lecture to the school students on the theme of **World AIDS day 2023 – "Let communities lead".** This was followed by interactive session.

Smt Pushapavathi, Head Mistress of Government High school urged the students to know about the disease, its prevention and also spread the awareness to others. She thanked JSS UHC and Department of Community Medicine for conducting a programme. Staffs of Government Higher Primary school and 78 Students attended the programme.

Karunada Utsava – 03-11-2023



On the 3rd of November 2023, a vibrant and culturally enriching celebration of Kannada Rajyotsava, known as "Karunada Utsava," took place at JSS Medical College in Mysuru. The event began with a spirited procession that commenced at 3:30 PM, starting from the college back gate and proceeding to the entrance. The atmosphere was filled with the resonating beats of the traditional Dollu Kunitha, and students energetically grooved to their rhythms, creating an aura of enthusiasm and unity.

Following the colorful procession, a grand cultural program unfolded at 4:30 PM. The program began with the ceremonial lighting of the lamp, symbolizing the dispelling of darkness and the welcoming of light. This auspicious moment was graced by the presence of esteemed dignitaries, including Dr. M.N. Suma, Vice Principal (Pre-Clinical); Dr. Praveen Kulkarni, Vice Principal (Para-Clinical); Dr. H.L. Kalabharathi, Chairperson of the Cultural Committee; and Mr. Satish Chandra, Administrative Officer of JSS Medical College. The lighting of the lamp was accompanied by a traditional Pusphparchana.

The cultural program itself was a spectacular showcase of talent, featuring multiple theatrical, singing and dance performances that captivated the audience and celebrated Karnataka's rich artistic traditions. The vibrant and colorful performances left an indelible mark on the event, uniting everyone in a shared appreciation of Kannada culture. The festivities culminated with a closing address by Dr. Aishwarya Bhat, Member Secretary of the Cultural Committee at JSS Medical College. Her words of gratitude and encouragement reflected the spirit of unity and celebration that defined the Karunada Utsava.

The Kannada Rajyotsava celebration at JSS Medical College, Mysuru, was a resounding success, bringing together students, staff, and dignitaries to celebrate Karnataka's cultural heritage and linguistic diversity. The event served as a reminder of the importance of preserving and cherishing our roots while embracing the future. Karunada Utsava was not only a celebration but also a reaffirmation of the values that bind us as a community and a testament to the enduring legacy of Kannada culture.

YOUTHOTSAVA 2023 - INTER COLLEGIATE FEST CONDUCTED BY RED FM



A talent hunt competition was organised by RED FM, Youthotsava, to hunt for talents in Mysore. Srishti Dutta from 2nd year won the 2nd position in solo singing. Yashaswini Mohanty from 2nd year won the 2nd position in solo instrumental. The team comprising of Yashu Juneja and Sugandha Kumari (Phase III Part II), Payal Tada (Phase III Part I), and Prashansa (Phase I) enacted a clever and comical advertisement for a 'deodorant' which secured the first position in Mad-Ads. Yashu Juneja of Phase III Part II, also showcased a splendid performance and secured the second position in Mono-Act. The team comprising of Anusree T Ajith, Theertha Prasanth, Sneha B Ravi, Meenakshi Krishna, Mariya Reji, Lakshmi Rajeswari Nair (Phase III Part II) participated in group dance, in which they secured the first position.

NATIONAL LEPROSY DAY - 29-01-2024

Department of Dermatology conducted essay writing competition on the theme of "Beat the Stigma of Leprosy" at JSS Nursing College for a duration of 1 hour and prizes were awarded to the best 2 awards. This event was coordinated by Dr. Chethana, Assistant Professor of Dermatology.

SEXUAL AND REPRODUCTIVE HEALTH AWARENESS DAY – 12-02-2024



School of Public Health, JSSMC, JSSAHER, observed the 'sexual and reproductive health awareness day' on 12th February, 2024 in Urban Primary Health Centre, Bannimantap, Mysuru. There was an awareness session and interactive activities were organized for the people in PHC. A multitude of people participated in the educational session, which was also coordinated by the Medical Officer and the staff of UPHC. This year, School of Public Health, JSS Medical College, JSSAHER, Mysuru observed the Sexual and Reproductive Health Awareness Day on 12th February in the Urban Primary Health Centre, Bannimantap. Students from activity group 3 (Dr. Harshitha, Mr Vinayak, Dr. Sanju, Dr. Srinija, Dr. Ranjan, Dr. Pavan, Aransha Rodrigues, Ms. Swarna, Mr.Aravindan, Dr. Ayushi, Ms. Kirubha Lakshmi, Mr. Sanjeevi), moderated by Dr.Sulochanadevi B C with the permission and coordination of the Medical Officer, Dr.Lokesh, and the staff of the PHC held an awareness session on sexual and reproductive health.

There were a multitude of attendees in the UPHC. The session began with a brief introduction by the students and the Medical Officer about the day. This was followed by a pre-test, which had 10 questions (in English and Kannada languages) to assess the awareness the attendees had before the session about sexual and reproductive health. The information, awareness and education on sexual health, different methods of contraception, cervical cancer, HPV vaccine, family planning, etc. was imparted. The post-test questionnaire was distributed afterwards to assess if the health education was beneficial.

WORLD HEALTH DAY – 16-04-2024

The Department of Community Medicine, JSS Medical College, JSS AHER Mysuru organized a health camp on April 16, 2024, to mark 76th World Health Day (Theme: My Health, My Right) and promote regular health check-ups for its Hostel mess workers. The event was held at the Boys Hostel Mess block 1st floor, JSS Medical College, from 10 AM to 4 PM. The health camp aimed to provide comprehensive health assessments to hostel mess workers, which included measuring height, weight, visual acuity, BMI, Waist to hip ratio, body fat analyzer, blood pressure, Haemoglobin, blood sugar, ECG. One to one Health education and health counselling was given to all the participants of the camp.

Dr.Praveen Kulkarni, the Vice Principal (Para-Clinical) and Sri S.R.Sathish Chandra, the Administrative Officer, inaugurated the event. Dr.Praveen Kulkarni addressed the gathering, emphasizing the event's significance in line with the theme, My Health, My Right, by mentioning the importance of regular health check-ups for every individual and the health of hostel mess workers.

Sri S R Sathish Chandra appreciated the initiative and urged all staff to use the health camp. Dr.Sunilkumar D, Professor and Head of the Department of Community Medicine and Dr.Anil S.Bilimale, Chief Warden JSSMC Hostel was also present at the event. Approximately 123 mess workers benefited from the health camp.

The event was meticulously organized by Dr.Sunil Kumar D., Professor and Head; Dr.Shwethashree M, Assistant Professor; and Dr.Shweta N.Kurkuri, Senior Resident of the Department of Community Medicine. Their postgraduates, interns, and staff members were crucial in serving the participants and ensuring the event was a resounding success.





WORLD MATERNAL MENTAL HEALTH DAY – 08-05-2024

World Maternal Mental Health Day is celebrated every year on May First Week to raise awareness around Maternal Mental Health Conditions during Pregnancy & post childbirth.

Throughout the history mothers have been revered as the pillars of strength, caregivers and nurturers. However, behind the veil of strength, Depression affects 10% of women in postpartum period, many psychiatric disorders emerge or re-occur during pregnancy and post pregnancy. This adversely affects newborns, the mother & her family. There is need for more awareness and collaboration across specialties. Hence World Maternal mental health day was observed on 08.05.2024 by Department of Psychiatry in collaboration with Department of Obstetrics and Gynaecology at JSS Hospital. The occasion was graced by JSSMC Principal Dr.H.Basavana Gowdappa who called for greater cooperation between departments. JSS Hospital Medical Superintendent Dr.C.P.Madhu emphasised low cost charges offered for Hospital Services, Vice principal Dr.Manthappa appreciated the initiative. Professor & Head, Department of Psychiatry Dr.M.Kishor pledged for more collaborative resources. Professor & Head, Department of OBG Dr.Mamatha S. emphasised continued care. Overview of Women Mental Health and Maternal Mental Health status in India was presented by Dr.Priyankha, Dr.Venkatesh, PG Residents, Dept. of Psychiatry, JSSMC. Awareness Talk for women in perinatal period at JSS Hospital was given by Dr.Megha Sadashiv, Senior Resident, Dept. of Psychiatry, JSSMC. Dr.Shalaka Atre did the comparing and Dr.Vikrant Arora gave vote of thanks.





WORLD BLOOD DONOR DAY – 14-06-2024

We are thrilled to share the highlights from our World Blood Donor Day event, held at the School of Public Health, JSS Medical College, JSS AHER, on 14th June 2024 in collaboration between the School of Public Health and JSS Hospital Blood Center. The event was themed as “20 years of celebrating giving: thank you blood donors!”, and was a profound success, bringing together guests, faculties and students to honor the selfless act of blood donation.

We were privileged to have our esteemed guests, Dr. H. Basavana Gowdappa, Principal of JSS Medical College, Sri Sr. Sathish Chandra, Administrative Officer of JSS Medical College, Dr. Anil S. Bilimale, Chief MPH Coordinator, Dr. Pallavi P, Associate Professor, JSS Hospital and Dr. Archana S, Assistant Professor, Skill Lab who graced the occasion and shared inspiring words and support.

Totally 44 volunteers came forward to donate blood, however only 18 could donate as per the screening criteria. The donors included faculties, PhD scholars, students, and supportive staff from the School of Public Health, Department of Community Medicine, Department of Nutrition and Dietetics, Department of Health System Management Studies, and the Centre for Distance & Online Education. We extend our deepest gratitude to all the faculties, volunteers, students, PGs, technical staff, and nursing staff from JSS Hospital who participated and assisted in the smooth conduct of the event.

Their contributions are a testament to our collective commitment to saving lives and fostering a spirit of

compassion. Everyone gathered for the event participated in taking the blood donation pledge issued by the Department of Health and Family Welfare. Let's continue to be the change we wish to see in the world. Together, we can save lives.





United Nations International Day Against Drug Abuse and Illicit Trafficking

26-06-2024

On the occasion of United Nations International Day Against Drug Abuse and Illicit Trafficking on 26th June 2024 awareness Program at Dept of Psychiatry. Information Leaflets on Drugs was released by Chief Guest Dr.H.Basavana Gowdappa, Principal, JSSMC & Guest of Honour: Dr.C.P.Madhu, Medical Superintendent, JSS Hospital. Along with them Heads of Various Departments and Senior Faculty were present. The Information Leaflet e- copy is free for Circulation and each one has specific & useful information of that particular Drug including access to Free & Confidential Services are available.





REPUBLIC DAY – 26-01-2024



Republic Day was celebrated on 26th January 2024 in JSS Medical Institution Campus. Sri S.Puttasubbappa, Director (Finance), JSS Mahavidyapeetha, Mysuru was the Chief Guest and he highlighted about the importance of Republic Day. Registrar Dr.B.Manjunatha, Controller of Examination Dr.Sudheendra Bhat, Dr.Vishal Kumar Gupta, Dean (Academics), Dr.M.N.Suma, Vice-Principal (Pre Clinical), Principals of Constituent Colleges, Heads of the departments, Administrative Officers and JSS Junior College & High School, SS Nagara, Mysuru staffs & students were present during the program.

ORPHANAGE VISIT

On May 10th, 2024, JSSMC M.I.N.D.S Psychiatry Club: Sapiens, in collaboration with Kala Kriti, organized a visit to Sri Chayadevi Anath ashrama in Chikkadanahalli, Jayanagar with the aim of bringing joy and support to the children. Sri Chayadevi Anath ashrama hosts children of ages up to 10 years. The visit included distributing snacks and refreshments such as chips and juice, as well as essential stationary items like crayons to foster creativity and aid in their educational pursuits. Sports equipment like bats and balls were also provided to encourage physical activity and a healthy lifestyle. This collaborative effort sought to create lasting memories and support for the children at the orphanage, reflecting the commitment of the organizers to make a positive impact in their lives. Through simple gestures and provisions hoped to bring smiles to their faces and contribute to their well-being and happiness.





YUVA BIMBA 2024

JSS Academy of Higher Education and Research (JSSAHER) participated in the 37th Annual South-East Zone Inter University Youth Festival, 'YUVA BIMBA,' organized by the Association of Indian Universities (AIU). The event was hosted by JSS Science and Technology University (JSS STU) from 22nd to 25th February 2024.

The following are the details of the Medical & AHS students & the events participated by the students.

- Solo Western Vocals: Yashvardhan Gaur (MBBS Final Year)
- Classical Instrumental Percussion: Pranav Keshav (MBBS Second Year)
- Debate Competition: Ankit Agarwal and Dhrish Vasa (MBBS Final Year)
- Solo Classical Dance: Vibha Sunil Sastry (First Year MBBS)
- Spot Photography Competition: Nayan Sathyan (House Surgeon)
- Light Vocals Competition: Muktakshi Sonkar (MBBS Second Year) accompanied by
- Nidhish Agarwal (MBBS Second Year) and Rashmi Ranjan Sahoo (MBBS Final Year)
- Quiz Competition: Yashvardhan Gaur, Arush Sudan, and Krishna Rajmohan (MBBS Final Year)
- secured the second position, qualifying for the National Youth Festival 2024.
- Poster Making: Prerana Thulasidas (MBBS Second Year)
- Indian Group Song Competition: Evana Vincent, MP Rakki Suresh, Steve Maria Maxwell, Julitha James, Abhiram S., Chelsy Alaya Philip, Dhanyadeep G, Ananya M, and Swastik U. Ammanny (AHS 3rd Sem)



HUNAR 2024

Students from JSS Medical College, JSS Academy of Higher Education & Research recently participated in Hunar 2024, the 37th inter-university national youth festival hosted by Punjab Agricultural University, Ludhiana, Punjab, held from 29th March 2024 to 2nd April 2024. Over 2000 students participated, representing more than 100 universities from across India. On

29th March, a cultural procession took place, and the JSSMC contingent participated in it. The General Quiz event was held on 31st March, 2024. The format consisted of a written preliminary round, followed by a stage final round. Arush Sudan, Krishna Rajmohan, and Yashvardhan Gaur from MBBS, Phase-3 Part-2 participated in the event, and represented JSSMC. Overall, the Inter-University National Youth Festival was a melting pot of creativity, talent, and cultural exchange, embodying the spirit of unity and celebration among India's vibrant youth.

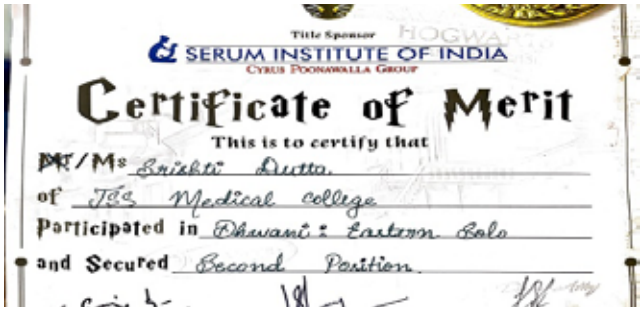
AFMC Silhouettes 2024

The Armed Forces Medical College (AFMC), Pune, organized its annual sports, cultural, and literary fest, Silhouettes 2024, from May 8th to 15th 2024. This report summarizes the key events and outstanding performances of our students.

Dhwani Eastern and Western Singing Events

-**Eastern Solo Singing**: Srishti Dutta (3rd MBBS, JSS Medical College) secured the 2nd position.





- **Western Solo Singing**: Muktakshi Sonkar (2nd MBBS, JSS Medical College) secured the 3rd position.





-Duet Eastern Singing:

- Srishti Dutta (3rd MBBS JSS Medical College) and Muktakshi Sonkar (2nd MBBS JSS Medical College) qualified for the event.
- Yashvardhan Gaur (4th MBBS JSS Medical College) and Swapnil Chaudhuri (4th MBBS JSS Medical College) also qualified.

-Lily and Snape - Duet Dance Competition-Avinash Gopalakrishnan and Arsha P A (Interns JSS Medical College) secured the 2nd place with their captivating performance of "Laal Ishq."







-Spotlight - Solo Dance Event

-**Devika Sanjayan (3rd year MBBS JSS Medical College)** won the 3rd prize among 37 participants with a mesmerizing Kuchipudi dance performance.





-Kalakriti's Participation in Silhouettes

- **Face Painting Competition**- Tripti Gupta (3rd year MBBS JSS Medical College) secured the 3rd position, impressing judges and spectators with her intricate designs and creative execution.







-Myriad - Street Play Event

A group of 13 students participated in the street play event, "Tamasha Tera Mera - Nukkad Natak," addressing the impact of social media on mental health. The play highlighted three scenarios depicting the adverse effects of social media on young adults through original jingles and creative props.

The team included: Ayush Rai (4th year), Abhirup Chakraborthy (4th year), Swapnil Chowdhary (4th year), Anishka Sneha (3rd year), Chaitanya Charul(3rd year), Sowmika Thalluri (3rd year), Aviral Harsh (3rd year), Prashansa Sharma (2nd year), Enni Chetana (2nd year), Tamanna Gupta (2nd year), Raghav Agarwal (2nd year), Shrishti Dutta (3rd year), Muktakshi Sonkar (2nd year).

Silhouettes 2024 was a resounding success. The event fostered cultural exchange and collaboration.

11 SUSTAINABLE CITIES AND COMMUNITIES





Contributors



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Sustainable Development Goal- 11

Goal 11 sustainable cities and communities is about making cities and human settlements inclusive, safe, resilient and sustainable. Cities represent the future of global living and are engines for sustainable development. In 2022, the world's population reached 8 billion where over half are living in urban areas and by 2050, 70 % of people expected to live in cities. Around 1.1 billion people currently live in slums or slum-like conditions in cities, with 2 billion more expected in the next 30 years. Urban sprawl, air pollution and limited open public spaces persist in cities as theses cities are not ready for the rapid urbanization. Sustainable development cannot be achieved without significantly transforming the way urban spaces are built and managed.

Since the implementation of SDG in 2015, good progress has been and now the number of countries with national and local disaster risk reduction strategies has doubled. But the issues still remain and only half of the urban population had convenient access to public transport.

Inequality and the levels of urban energy consumption and pollution are some of the most pressing challenges. Most of the cities are vulnerable to climate change and natural disasters due to their high concentration of people and location so building urban resilience is crucial to avoid human, social and economic losses. These issues will affect every individual in future. Everyone's health is affected by pollution and in turn their productivity in work and therefore the economy.

The poorly planned urbanization seen in some of the huge slums, tangled traffic, greenhouse gas emissions and sprawling suburbs all over the world.

India is also urbanising rapidly. Between 2001 and 2011, the country's urban population had increased by 91 million. India is projected to add 416 million urban dwellers between 2018 and 2050. By 2030, India is expected to be home to seven mega-cities with populations above 10 million. 68% of the country's total population live in rural areas, while 17% of the country's urban population live in slums. The Government of India's Smart Cities Mission, the Jawaharlal Nehru National Urban Renewal Mission, and the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) are working to address the challenge of improving urban spaces. The prime minister's Pradhan Mantri Awas Yojana aims to achieve housing for all by 2022.

Targets:

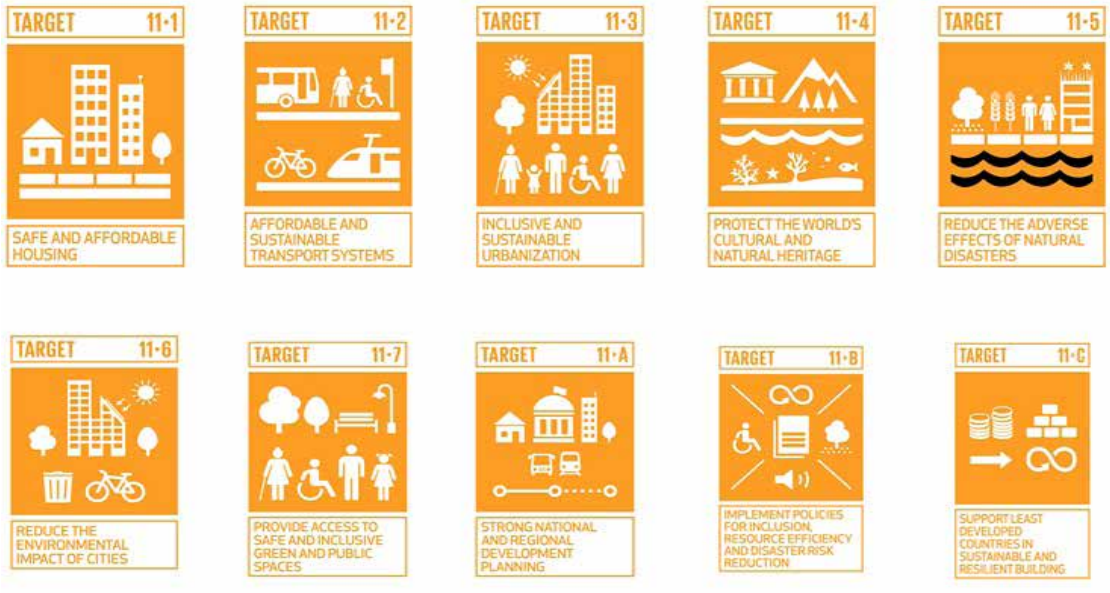


Figure 11.1. Key targets for SDG 11

Target 11.1 - Safe and affordable housing



Staff quarters



UG and PG hostels

Target 11.2 - Affordable and sustainable transport system

Target 11.6 – Reduce the environmental impact of cities



Sustainable Transportation facility: Bicycles are provided for students and staff to use in and around the campus. This encourage the reduction of non-renewable energy usage aims to encourage the students to adopt sustainable modes of transportation, reduce air pollution by minimizing CO2 emissions from vehicles. This aligns with the target 11.2 - Affordable and sustainable transport system and target 11.6 – Reduce the environmental impact of cities by reducing the pollution

Target 11.3- Inclusive and Sustainable Urbanization





Complimentary Buggy facility is available inside the campus for pick and drop facilities from the main gate entrance to designated areas

Distribution of Wheelchairs for the Specially Abled – 09-09-2023

Dr. Sri Shivarathri Rajendra Mahaswamiji, the 23rd pontiff of the Srimath, Mysuru, was born on 29.8. 1916. His 108th birth anniversary was celebrated meaningfully through a special camp activity by donating wheelchairs for 25 specially abled unprivileged patients who are suffering from various movement disabilities. Twenty NSS volunteers from JSS Medical College are actively involved in helping the specially abled persons by rendering all needful support. The activity was supervised and coordinated by NSS unit, JSS Medical College, Mysuru.

Target 11.4- Protect the worlds cultural and natural heritage

Target 11.7- Provide access to safe and inclusive green and public spaces





JSS Medical College Campus





JSS Hospital

JSS Urban Health center

JSS campus is one of the greenest among institutions, retaining existing trees and cultivating new annual, biennial, and long-living trees to support local fauna and enhance the ecosystem.

JSS UHC is known for ayurvedic medicinal plants in the garden

Target 11.A- Strong national and regional development planning

Target 11.C – Support least developed countries in sustainable and resilient building

Target 11.B - Implement polices for inclusion, resource efficiency and disaster risk reduction

- Efficient biomedical waste management practices are implemented in the hospital to ensure safety and compliance.
- Solar panels are installed at hostels, and LED lights are used throughout the campus to enhance energy efficiency and conservation.
- The hospital implements rainwater harvesting to utilize natural water sources effectively.
- Soil Screening and Effluent Treatment: Soil samples around the hospital and university are screened to prevent the spread of multidrug-resistant (MDR) bugs. Effluent treatment plants manage waste from microbiology laboratories.
- In the Central Sterile Services Department (CSSD), brown paper is used instead of Steripack plastic for wrapping instruments.

These initiatives collectively aim to promote the efficient use of renewable energy sources, address pollution, and minimize reliance on non-renewable energies, contributing to the sustained health of the environment.




Colour coded bins







Fire safety measures and college blue print available to the students and staffs in case of disaster, align with target 11.B

Healthy living standards and wellbeing of urban population:

At JSS Medical College, JSS Academy of Higher Education & Research, several outreach activities are conducted for the wellbeing of people through JSS Urban Health Center located at Medhar Block, Bamboo Bazaar, Mysuru and other rural (Primary Health Centres at Sutturu, Kadakola, Hadinaru) and urban field practice areas (Urban Primary Health Centre at Bannimantap, Mysuru), the families in the villages (Hancya, Rammanahalli, Hale Kesare, K R Mill) are adopted under Family adoption programme for a minimum of three years by the MBBS students to address the health issues of the family members in the village and under family health advisory survey- families in the field practice area are surveyed every year by the students under the guidance of Department of Community Medicine.

Reaching the unreached through Chamarajanagar Hospital, Megha Health camp, Religious Funfairs, Mobile Health Camps at rural settings, Health camps under Public Private Partnerships and through National Service scheme (NSS). These camps benefit the people in rural areas by addressing the health issues at their doorsteps.

Report on observation various national and international day benefiting the population at rural and urban communities

World Population Day 2023 on 11th July 2023 at JSS Women College, Mysuru

On occasion of **World Population Day 2023**, Department of Community Medicine, JSS Medical College,

JSSAHER, Mysuru along with Gender Equality Cell and IQAC JSS College For Women, Saraswati Puram Mysuru organized a workshop at College for Women's Saraswati Puram, Mysuru. The program was organized on 11th July 2023. Talk was delivered by Dr Shweta N Kurkuri on the theme "Unleashing the power on Gender Equality- Uplifting the voices of women and girls to unlock our world's infinite possibilities". A Skit was performed by MBBS Phase II students to raise the awareness on Gender equality. Around 300 audience had gathered for the occasion. Along with the above-mentioned activities, poster competition was organized for Women's College students and were awarded for the same. An exhibition was also organized on various contraceptive methods available. Students and staff from JSS College for Women were benefited by the workshop.





World Population Day on 11th July 2023 at JSS UHTC



On the occasion of **World Population Day 2023** various activities were held by Department of Community Medicine, JSS Medical College, JSS AHER at Government High school and JSS Urban Health Centre, Bamboo Bazaar on 11/07/2023. The guest lecture was delivered by Dr Rama H V, Lady Medical Officer of JSS UHC. She highlighted issues of population explosion and briefed about family planning methods. Another talk was delivered by Dr Amoghashree, Assistant Professor and Co-ordinator of JSS UHC on Gender equality. This was followed by Skit performance by Nursing students of JSS College of Nursing on the theme "Unleashing the power on Gender Equality- Uplifting the voices of women and girls to unlock our world's infinite possibilities". In association with JSS Jana Shikshan Sansthan, Department of Community Medicine, JSS Medical College, conducted an awareness program to the beneficiaries of tailoring course in JSS UHC premises. About 40 women beneficiaries participated and gained knowledge on Family planning.

Special Smiles Oral Health Clinic – 20th July 2023 at JSS hospital



"Special Smiles" oral health clinic at JSS Hospital in Mysore was inaugurated on 20.07.2023. This clinic aims to provide oral health services specifically *for specially-abled children and children with medically compromised conditions*. The collaboration between the Pediatrics Department and the Department of Pediatric and Preventive Dentistry shows a commitment to improving the overall healthcare of these vulnerable children. The clinic's schedule of operation, every Thursday from 10 am to 4 pm, allows for regular and dedicated care for the children.

World Environmental Day on 25th July 2023 under NSS

World Environment Day is celebrated to encourage and create awareness and to take appropriate action for the protection of the environment. In this regard to mark the activity, NSS unit JSS Medical College, Mysuru, conducted the *sapling implantation program* on 25th July 2023 in the medical college campus garden. Faculty and NSS student volunteers actively participated and witnessed the event.





World Hepatitis Day Awareness Program – on 28th July 2023 at JSS College of Arts, Science and Commerce



On the occasion of **World Hepatitis Day**, a significant awareness program was organized by the School of Public Health in collaboration with the Department of Gastroenterology at JSS College of Arts, Science, and Commerce. This annual event aimed to shed light on the global burden of hepatitis and raise awareness about its prevention, treatment, and impact on public health. The theme for this year's campaign, "Hepatitis can't wait," was provided by the World Health Organization (WHO).

To engage the students in a fun and educational manner, the organizers planned two competitions - a quiz and a poster-making contest, both of which were related to hepatitis and its significance. The event gathered significant attention and positive feedback from the students, faculty, and guests. The participants of the event included faculties and students of JSS college of Arts, Science and Commerce.

Observation of Adolescent Day – 1st August 2023 at Government schools



Department of community Medicine, JSS Urban Health Center, JSS Medical College, Mysuru observed **Adolescent day** in association with Inner wheel club of Mysuru Gold. A Programme was organized to create an awareness on *Menstrual Health and Hygiene* to girls studying in 5th to 10th standard of Government Higher Primary school and Government High School Yadavagiri, Mysuru at Yadavagiri school premises on 01.08.2023. Dr Rama H.V, Lady Medical officer of JSS Urban Health Center gave a talk on Menstruation, Menstrual hygiene, Adolescence Managing Problems during adolescence. This was followed by question and answer session and queries from students were clarified. *The* **Hygiene kit including 10 sanitary napkins, toothpaste, tooth brush, soap were distributed to the school which was sponsored by Inner wheel club of Mysuru Gold.**

World Breastfeeding week – from 1st to 7th August 2023

Department of Community Medicine observed **Breastfeeding week** at JSS Urban Health Center on 02.08.2023 in association with Inner wheel club of Mysuru Gold and Inner wheel club of Mysuru Midtown at JSS Urban Health Center. Dr Amoghashree, Assistant professor Department of Community Medicine and coordinator JSS Urban Health Center Presided. Dr H.V Rama, Lady Medical Officer, JSS Urban Health Center gave awareness on the theme *"Enabling breastfeeding, making a difference for working parents"* advantage of Breastfeeding to both Mother & the baby. *The Protein powder and iron syrup were distributed to antenatal & Postnatal Mothers.* Phase 2 MBBS students presented a skit on the importance of breastfeeding. The audience included antenatal mothers, postnatal mothers and general public.

Along with this, a health education session was organized at **Suttur PHC** on 3rd August 2023. Dr. Kavya G Upadhya, Senior Resident, Department of Community Medicine and Dr. Ramya M, Medical Officer, Suttur PHC discussed the problems faced by breastfeeding mothers and educated them regarding various aspects of breastfeeding and its importance.





The Department of Community Medicine, JSSMC had organized a **webinar on the occasion of World Breastfeeding Week 2023 on 4th August 2023**, Friday from 2 – 3 pm. Our Resource Faculty, Dr. Madhu B, Professor, Dept. of Community Medicine and Deputy Dean (Research), JSSAHER gave her valuable insights on the topic "Enabling Breastfeeding: Making a difference for working parents". Around 200 participants from across India registered for the webinar.

Department of Pediatrics, JSS Hospital organized the inauguration function of **world breastfeeding week** in association with IAP Mysore on 1st August 2023 at SRCA Auditorium, JSS Hospital. *Our hospital nurses performed a song and a skit for educating the mothers on how to breastfeed and how to maintain breastfeeding while working*. Their creativity was highly appreciated and applauded. The program was concluded with presenting gifts and momentous to all the eminent guests followed by high tea.





NAFLD/NASH Screening Camp on 4th August 2023 at JSS Medical College

The Self-Interested Group for Liver and Life in association with the School of Public Health, Department of Gastroenterology, Department of Nutrition and Dietetics, and Echosens, spearheaded a significant public health initiative. **A screening camp focused on Non-Alcoholic Fatty Liver Disease (NAFLD) and Non-Alcoholic Steatohepatitis (NASH)** was successfully conducted on the 4th of August-2023 at JSS Medical College for staffs of JSS Medical college, Dental College, Pharmacy College and FLS. The event witnessed an impressive turnout with approximately 187 participants, including *teaching and non teaching staff, administrative staff, security officers* from different colleges under JSS AHER. Risk Assessment and NAFLD/NASH Screening**,** Education and Preventive Measures were conducted. Individuals identified having NAFLD/NASH were offered referrals for further medical evaluation. Body fat analysis was also done. Fibro-scan was used.



76th Independence Day celebrations under the slogan "Meri Maati, Mera Desh" on 8th August 2023 under NSS



National Service Scheme (NSS) unit JSS Medical College, Mysuru organized the event on the eve of 76th **Independence Day celebrations** under the slogan "Meri Maati, Mera Desh" on 8th August 2023. The event saw active participation from 25 dedicated student volunteers who represented their respective states adorned in traditional attires. The highlight of the event was the solemn oath-taking ceremony, where the **students pledged their commitment to social service and community development**. The patriotic fervor was evident as the participants recited the pledge, expressing their devotion to the country with the heartfelt rendition of "Meri Maati, Mera Desh."

Tree sapling – Observation of Independence Day on 14th August 2023 at UHTC



Department of Community Medicine, JSS Urban Health Center, JSS Medical College, Mysore had organized **Tree saplings Planting Program** in association with Rajeev Sneha Balaga under public private partnership at JSS Urban Health Centre on 14.08.2023 on the eve of 77th Independence Day. 10 saplings (Medicinal &floral) were planted in JSS Urban Health Centre Garden. Smt. Lakshmi Rajeev, Rajeev Sneha Balaga, Smt. Sandhya Suresh, Secretary Inner Wheel Club of Mysore Midtown, Dr. M.C. Prasad, Assistant Professor, Dept of General Medicine, Dr.Amoghashree, Assistant Professor & JSS UHC Coordinator, Dr. Noor Fathima, Assistant Professor, JSS Ayurveda College , Dr. Rama H.V, Lady Medical Officer & staffs of JSS Urban Health Centre Planted the saplings.

Awareness and Screening Programme for lung Cancer – on 24th August 2023 at JSS UHTC



Department of Community Medicine, JSS Medical College and Department Pharmacy Practice, JSS College Of Pharmacy had jointly organized an **awareness Programme on smoking and Lung cancer & Free General Health screening** at JSS Urban Health Center, Bamboo Bazar on 24.08.2023. Dr. Kiran, Oncologist *addressed the pourakarmikas and gave a talk on harmful effects of smoking, lung cancer & methods of quitting tobacco.* Dr.Sunil Kumar D, urged the participants to take care of their health by avoiding smoking, alcohol, tobacco consumption which world be detrimental to their health. Around 20 people were benefitted with the program. All were screened for risk factors.

National Nutrition Week from 1st to 7th September 2023



National Nutrition Week (NNW) was observed to raise awareness among people about the vital role of nutrition and the significance of cultivating healthy eating habits. The theme was **"Healthy diet going affordable for all".** In this regard, the Department of Community Medicine, JSS Medical College, Mysuru organized a series of activities. Firstly, a Healthy Food cooking competition on 2nd Sept 2023 was organized with the theme **"**Colors of Nutrition: Easy recipes for working parents"**.** A Webinar on **Healthy diet going affordable for all** was organized on 5th Sept Sept 2023. Dr. Nayana Shabadi, Assistant Professor, Department of Community Medicine, JSS Medical College, gave the webinar talk. In total, 111 participants had registered for the webinar. In the feedback, the participants requested many such webinars in the future.

The department also organized a series of **Radio talks in collaboration with JSS Radio**. The radio talks focussed on topics such as *Simple ways to level up your eating habits* which was aired on a Live show on 1st September. This radio talk was given by Dr.Praveen Kulkarni, Vice Principal (para-clinical) and Professor, Dept of Community Medicine, JSS Medical College. Another topic, *"Staying Young: Nutrition facts"* was delivered by Dr Mythily M R, Senior Resident, Dept of Community Medicine, JSS Medical College which was



aired on 4th Sept 2023. Dr.Madhu Srinath, Deputy Dean, Research, JSSAHER, also delivered a radio talk on "*Right nutrition: Right Health*" which was aired on 11th Sept 2023. This was followed by another radio talk by Dr.Shweta N Kurkuri, Senior resident, Dept of Community Medicine, JSS medical college, on "Mindful eating for health goals" aired on 18th Sept 2023. Dr Sunitha Singh, Senior resident, Dept of Community Medicine gave a digital audio talk on *"Superfoods- Myths and Facts"*



In order to bring about awareness among the public, the Department of Community Medicine also organized a **flash mob followed by a skit** by MBBS students at Mall of Mysore and Nexus City Mall, Mysore on 9th Sept 2023. A total of 13 students performed a flash mob and skit highlighting the ill effects of Unhealthy eating.

The Nutrition Week activities concluded with **the sensitization of school students on healthy foods and healthy eating habits through health education** by Dr. Sunitha Singh, Senior Resident, Dept of Community Medicine on 16th Sept 2023. Students of classes 5, 6 and 7 from JSS Public School, J P Nagar, Mysore participated.

World Suicide Prevention Day on 11th September 2023 at JSS Medical College



Department of Psychiatry in collaboration with Department of Community Medicine observed World "Suicide Prevention Day-2023" on 11/09/2023 at JSS Medical College. Dr Praveen Kulkarni encouraged the students to reach out for help whenever required and ensured that the institution is always there for their support. This was followed by Dr Kishor sensitizing the students on the facilities available in the institution for promoting mental health and suicide prevention. He also briefed the students about the SAFL (Self-Assessment For Life) app launched in 2020 by the department of psychiatry, for detecting the risk of suicide and directing the user for appropriate help as is required. Followed by this Dr Sunil Kumar. D addressed the students on suicide prevention and the effect of suicide on family members.

Awareness Programme on Substance abuse and Observation of World Ozone Day on 16th September 2023 at Bamboo Bazar, Mysuru

An awareness Programme on **Prevention & Management of Substance abuse** was held for High School children on 16.09.2023 at Government High School, Medar's Block, Bamboo Bazaar. Dr. Rama H.V., Lady Medical Officer, JSS Urban Health Center, gave awareness to adolescents on substance abuse. A Role play was also organised. Along wih this importance of Ozone and side effect due to depletion of Ozone layer, its prevention was also stressed upon.

International Day of Democracy on 15th September 2023 under NSS

The **International Day of Democracy,** celebrated on **September 15th** each year, is a global observance that underscores the importance of democracy as a fundamental human right and a cornerstone of good governance and peace. In this regard, the program was organized on 15th September 2023 by the NSS unit JSS Medical College. The "**Preamble of the Indian Constitution**" which explains its philosophy and objectives was instructed by an NSS student volunteer to all other students who took part in the event with the national spirit. Importance of social equality, citizens' rights, and freedom of expression under democracy as a cornerstone in building unity in diversity was stressed upon. One thirty-two medical students of the JSS Medical College and 10 faculty members took part in the program.





"Swachhata Hi Seva" on 1st October 2023 under NSS

"Swachh Bharat Abhiyan" was conducted to disseminate the importance of a **"**Sampoorna Swachh Bharath**, to reinforce the concept of** sanitation as everyone's business. To prelude "Swachh Seva" activities, many students and faculty volunteers from JSS Academy of Higher Education and Research, Mysuru conducted cleanliness activities on 1st October. The program involved the commissioner, deputy mayor, and regional corporator of Mysuru city corporation who actively took part and supported the whole event. Twenty-five student MBBS NSS volunteers and 10 faculty from JSS MC actively participated in the event and cleaned the streets and parks by plogging various degradable and non-degradable substances in areas coming under the jurisdiction of Sri Shivarathreeshwara Nagara.

World Immunization Day – 2023 Observation & Walkathon on 19th November 2023 at JSS Hospital

Department of General Medicine, JSS Medical College and Hospital observed **"WORLD IMMUNIZATION DAY"** on 10th November, 2023 at JSS Hospital lobby. Nearly 400 people attended the event. Walkathon was organised in the designated route with all precautions on the occasion of the world immunization day to create *awareness about the need for immunization to general public*. Nearly 250 students from various department participated in the walkathon. JSS Hospital adult immunization and travel medicine centre is the first of its kind in Mysuru and one among very few centres across the state and country. Till date more than 5000 people have received various vaccines. Mass immunization of hepatitis B vaccine was carried out to all the students from dental, medical and allied health sciences. Apart from administering various vaccines, the centre takes the opportunity to increase the public awareness about adult immunization in the hospital (OPD & in-patient).





World Diabetes Day observation on 15th November 2023 at JSS Hospital



Department of General Medicine, JSS Medical College and Hospital in association with KRSSDI and API Mysore Chapter observed **"WORLD DIABETES DAY"** on 15th November, 2023 at JSS Hospital lobby followed by CME. Nearly 200 people attended the event. **"MADHUMEHA PATHASHALA"**, a awareness programme on diabetes by API for adolescents was also conducted. This was followed by at CME Programme as JSS Auditorium. Programme included 3 interesting lectures on diabetes by eminent speakers Dr.K.N.Manohar, D.Anish Behl and Dr.Pavan. Nearly 200 delegates participated. Programme was well designed with very important aspects of diabetes such as "diabetes is it reversible", "Prevention of diabetic foot" and "lifestyle modification in diabetes".

World Aids Day on 1st December 2023 at Medar Block, Mysuru



An Awareness Programme on **World AIDS Day 2023** was conducted by JSS Urban Health Center, Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru in Government High School, Medar Block, Bamboo Bazaar on 01.12.2023. Dr. H.V Rama, Lady Medical Officer, JSS Urban Health Centre delivered a guest lecture to the school students on the theme of **World AIDS day 2023 – "Let communities lead".** This was followed by interactive session.

Government High school urged the students to know about the disease, its prevention and also spread the awareness to others.

HPV Vaccination Programme on 19th December 2023 at JSS Hospital

PHRII and JSS AHER are committed to vaccinate 200 girl children across Mysuru. School of Public Health, Department of Pediatrics have joined hands together in this endorsement. The **HPV Vaccination Program** aimed at **rural and peri-urban adolescent girls** in Mysuru, aligning with *WHO's Global Strategy for Cervical Cancer Elimination*, was inaugurated at JSS Hospital. The pivotal participants of the day were six girls, aged 14, accompanied by their parents from JSS High School, Nachanahally Palya. They received the HPV Vaccine (Gardasil - 9), renowned for effectively combatting various HPV strains responsible for cervical and related cancers. The commitment of PHRII and JSS AHER involves vaccinating free of cost 200 girls across Mysuru, supported by sponsorship from Sun Pharma. Each dose of vaccine costs Rs.10, 500/- in the market.






Health Awareness Programme on 27th December 2023 under NSS

On 27th December 2023 the JSS Medical College NSS unit JSS MC, *visited the apartments at Rajarajeshwari Nagar,* Mysuru armed with compelling charts, images, and motivational quotes. *Our mission was to shed light on the crucial topics of HIV/AIDS prevention, communicable diseases, personal hygiene, and the problems related to drug and alcohol abuse, menstrual hygiene*. Dr.Rama, formally initiated the process of free sanitary pad distribution. To support their well-being, and symbolically create awareness we *distributed naturally degradable sanitary napkins.*.




Sexual and Reproductive Health Awareness Day on 12th December 2023 at UHTC, Bannimantapa

School of Public Health, JSSMC, JSSAHER, observed the **'sexual and reproductive health awareness day'** on 12th February, 2024 in Urban Primary Health Centre, Bannimantap, Mysuru. There was an awareness session and interactive activities were organized for the people in PHC. A multitude of people participated in the educational session. *The information, awareness and education on sexual health, different methods of contraception, cervical cancer, HPV vaccine, family planning, etc. was imparted*. A pre and post-test questionnaire was distributed to assess if the health education was beneficial.

Leprosy Awareness Programme on 30th January 2024 at Nanjangudu

As part of **World Leprosy Day** on 30th January 2024, School of Public Health organized awareness sessions in three schools in Nanjangudu, responding to concerns raised by the district leprosy officer regarding high incidence rates in the area. Through interactive presentations and discussions, we engaged around 270 to 300 students across the three schools (JSS High School Hullalli, catering to both English and Kannada mediums, and JSS Girls High School in Nanjangudu). We aimed to empower them with knowledge on recognizing the signs and symptoms of leprosy and the importance of seeking timely medical attention. An awareness video was tailored for the occasion, followed by a detailed explanation of how to diagnose leprosy.





World Glaucoma Day observation on 1st March 2024

World Glaucoma Day is observed annually on March 12th to raise awareness about glaucoma, a group of eye conditions that can lead to vision loss and blindness by damaging the optic nerve. The theme for World Glaucoma Week 2024 is "Uniting for a Glaucoma-Free World," emphasizing the collective action needed to combat this leading cause of preventable blindness. On March 1st, 2024, the School of Public Health, JSSMC, conducted an enlightening health awareness session on glaucoma help of a short video. This session took place at the Missionaries of Charity of Mother Teresa in Bannimantap, Mysuru and targeted a vulnerable group of approximately 30 women aged 40 and above. As risk of the disease gets higher after 40 years, we chose old age home for awareness session. The World glaucoma day is celebrated on March 12th, 2024 and there is a screening camp organised for the same at JSS Hospital, Mysuru.





World Rare Disease Day observation on 1st March 2024at Saraswathipuram, Mysuru

On March 1st 2024, we students from Masters in Public Health organised **World Rare Disease Day** awareness program at JSS Sahana Integrated and Special School for Differently abled children in Saraswathipuram, Mysuru In collaboration with Rotary Club, Mysuru. The purpose of observing the health day is to promote awareness about rare diseases through engaging activities and presentations and aims to foster empathy, compassion and inclusivity for rare disease patients and their families.

Shramadaan at K R Mills by JSS Medical College, Mysuru on 9th March 2024



As part of **Family Adoption Program,** along with NSS, **"Shramadaan"-** *Giving Back to community*- activity was organized on 9th March 2024 at K R Mills colony, Hanchya PHC, Mysore. As part of the program 1st year MBBS students were involved as NSS volunteers and carried out cleaning of the premises of KR Mills Subcentre, Government Model Higher primary School, KR mills and Government High School, K R mills. *The students also gave health education to school students on importance of segregation*

of dry and wet waste at household level, personal hygiene and hand hygiene. Dr.Shwetha Kurkuri, Dr.Sunitha Singh, Senior Residents, Dept of Community Medicine, Dr.Amoghashree, Asst.Prof., Dept. of Community Medicine, Dr.Ravishankar, Asst.Prof., and NSS Co-ordinator, Dept. of Anatomy, JSS Medical College, Mysuru along with Post graduates from the Dept. of Community Medicine, JSS Medical College, coordinated the whole event.

WORLD HEALTH DAY Camp on 16th April 2024 at JSS Medical College hostel

JSS Medical College commemorated **World Health Day** with a Health Camp dedicated to our Hostel Mess Workers. The Department of Community Medicine, JSS Medical College, JSS AHER Mysuru organized a health camp on April 16, 2024, to mark 76th World Health Day (Theme: My Health, My Right) and *promote regular health check-ups for its Hostel mess workers*. The event was held at the Boys Hostel Mess block 1st floor, JSS Medical College. The health camp aimed to provide comprehensive health assessments to hostel mess workers, which included measuring height, weight, visual acuity, BMI, Waist to hip ratio, body fat analyzer, blood pressure, Haemoglobin, blood sugar, ECG. One to one Health education and health counselling was given to all the participants of the camp. The event was meticulously organized by Dr.Sunil Kumar D., Professor and Head; Dr.Shwethashree M, Assistant Professor; and Dr.Shweta N.Kurkuri, Senior Resident of the Department of Community Medicine.




Camp on account of WORLD HYPERTENSION DAY on 17th May 2024at Medar Block

Department of Community Medicine, JSS Medical College, JSS AHER conducted a half day hypertension screening camp on the occasion of **World Hypertension Day** in the premises of Chamundeshwari Temple, Medar Block, Bamboo Bazaar, opposite to JSS Urban Health Centre on 17/5/2024. Health awareness talk was given by Dr H.V.Rama, Lady Medical Officer, JSS Urban Health Centre, on the theme *Measure your Blood Pressure Accurately Control it, Live Longer*.




World Hypertension Day with Health Camp at K.R.Mills Subcentre on 18th May 2024

As part of **World Hypertension Day 2024** (Theme: Measure your blood pressure accurately, Control it, Live longer), The Department of Community Medicine, JSS Medical College, JSS AHER Mysuru, organized a health camp on May 18, 2024 at K.R.Mills subcentre under Hanchya PHC of Mysuru District. *The health camp aimed*

to provide essential medical services and promote a holistic approach to health, which included measuring height, weight, BMI, visual acuity, waist to hip ratio, blood pressure, haemoglobin, blood sugar. Approximately 120 people benefited from the health camp, 25 were found to be hypertensive, 23 were found to be diabetic, 9 were found to be anaemic. Iron and folic acid supplements were given for the anaemic patients. 12 were newly diagnosed as hypertensive, 14 were newly diagnosed as diabetic. They were referred to JSS Hospital & advised for further follow up.





Observation of World No Tobacco Day 2024 on 1st June 2024

On the occasion of **World No Tobacco Day,** Department of Community Medicine, JSS Medical College , JSSAHER,Mysuru organized rally at Hale kesare and K R Mills as a part of **Family Adoption Programme** of MBBS phase 1 to create awareness on the harmful effects of tobacco. The theme for the year is *" Protecting Children from Tobacco Industry Interferences"* at the premises of Government Higher Primary School,Hale Kesare on 1st June 2024. Dr Nayana Shabadi, Assistant Professor and Dr Shweta N Kurkuri, Senior Resident,Department of Community Medicine,inaugurated the rally.Staffs , Postgraduates,and medico-social workers of Department of Community Medicine, JSS Medical College and ASHA workers were also present on the occasion.





Awareness on World Blood Donor Day Celebrations-2024 on 1st and 14th June 2024



World Blood Donor Day is celebrated every year by people around the world on June 14, 2024. The theme for World Blood Donor Day 2024 is **"Give blood and keep the world-beating".** The theme highlights the value of blood donors and their roles in promoting health and saving lives. In this regard, a series of awareness activities are scheduled. The drawing competition was organized by the NSS unit, JSS Medical College, and JSS AHER on "**WORLD BLOOD DONOR DAY"-2024**. This competition was organized aiming to raise awareness about the importance of donating blood for a noble cause and to encourage participation from students of the medical, dental, school of public health allied health sciences, and other constituent colleges of JSS AHER.

The School of Public Health and JSS Hospital Blood Center also organised this by bringing together guests, faculties and students to honor the selfless act of blood donation. Totally 44 volunteers came forward to donate blood, however only 18 could donate as per the screening criteria.





INTERNATIONAL YOGA DAY on 21st June 2024 at NSS UNIT JSS AHER, MYSURU

International Yoga Day is commemorated every year on 21st June to raise awareness about this ancient practice and celebrate the physical and spiritual powers that yoga has brought to the world. On 21st June 2024, International Yoga Day was celebrated with the theme of "Yoga for the Society". Ganesh Kumar, The President of Yoga Sports Foundation preceded with the **celebrations at Palace Ground, Mysore**. Thousands of people were gathered, including students from different schools and colleges, people from yoga community groups old age people, and other organizations from all over Mysuru, among them around 100 students from JSS Medical College Mysuru were present to witness the event. The students from various courses like MBBS, MSc, BSc, MPH, MD, and faculties from JSS Medical College participated in the event.





Report on Health Camps conducted

Sl No	Organization	Place	Date	No. of Patients Screened
1	JSS Hospital, Mysuru	General Health Camp Kanti Mallanna Kalyana Mantap, Mysuru	11-07-2023	366
2	JSS Hospital, Mysuru	8th Mega Health Camp, Saragur	23-07-2023	470
3	JSS Hospital, Mysuru	Cancer Screening Camp, Ch.Nagar	26-07-2023	250
4	JSS Hospital, Mysuru	9th Mega General Health camp at JSS Degree College, Gundlupet	13-08-2023	378
5	JSS Hospital, Mysuru	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	08-08-2023	403

6	JSS Hospital, Mysuru	9th Mega General Health camp at JSS Institutions, Saragur	27-08-2023	320
7	JSS Hospital, Mysuru	10th Mega General Health camp at JSS Degree College, Gundlupet	10-09-2023	504
8	JSS Hospital, Mysuru	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	12-09-2023	349
9	JSS Hospital, Mysuru	10th Mega General Health camp at JSS Institutions, Saragur	24-09-2023	317
10	JSS Hospital, Mysuru	Health Camp held at JSS Layout, 2nd Stage, Mysuru	28-09-2023	186
11	JSS Hospital, Mysuru	Heart Health Awareness Camp held at Jain Bhavan Mysuru	30-09-2023	130
12	JSS Hospital, Mysuru	Mega Health Camp, Ch.Nagar	02-10-2023	1663
	 			
13	JSS Hospital, Mysuru	11th Mega Health Camp, Gundlupet	08-10-2023	447
	 			
14	NJS Charitable Trust, Mysuru	General Health Camp	10-10-2022	323
	 			

15	JSS Hospital, Mysuru	11th Mega Health Camp, Saragur	29-10-2023	406
	 			
16	JSS Hospital, Mysuru	12th Mega Health Camp, Gundlupet	19-11-2023	256
	 			
17	NJS Charitable Trust, Mysuru	General Health Camp	21-11-2023	330
	 			
18	JSS Hospital, Mysuru	12th Mega Health Camp, Saragur	26-11-2023	435
	 			
19	JSS Hospital, Mysuru	13th Mega Health Camp, Gundlupet	09-12-2023	558
20	JSS Hospital, Mysuru	General Health Camp Kanti Mallanna Kalyana Mantap, Mysuru	12-12-2023	376
21	JSS Hospital, Mysuru	13th Mega Health Camp, Saragur	08-01-2024	700

	 			
22	NJS Charitable Trust, Mysuru	General Health Camp, Mysuru	09-01-2024	435
	 			
23	JSS Hospital, Mysuru	General Health Camp, Mysuru	29-01-2024	300
	 			
24	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	13-02-2024	445
	 			
25	JSS Hospital, Mysuru	Sankalp Central Park, Yadavgiri	18-02-2024	200

	 			
26	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	12-03-2024	372
	 			
27	JSS Hospital, Mysuru	General Health Camp, Mysuru	31-03-2024	150
	 			
28	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	02-04-2024	150
	 			
29	NJS Charitable Trust® Mysuru	General Health Camp, Mysuru	14-05-2024	233

Awards and achievements

1. Dr Shweta Neminath Kurkuri, Asst.Prof. of Comm. Medicine received Best Paper Award at KACH, Bangalore during 11th & 12th August 2023
   Topic: Immunisation status of children 12-36 months of age of migrants workers and factors associated it in Urban Bangalore East
2. Dr Annaram Ravali PG in Comm. Medicine received Best Paper at KACHCON, Bangalore, organized by KIMS, Bangalore on 11th & 12th August 2023
   Topic: Upshots of health education among type 2 diabetic patients- a field study in mysuru
3. Dr.Rakesh, PG in Comm. Medicine received Best Paper at KACHCON, Bangalore, organized by KIMS, Bangalore on 11th & 12th August 2023
   Topic: Hand grip strength in type 2 diabetics and non diabetics
4. Dr Shwethashree M, Asst. Prof. of Comm. Medicine received Best paper award- Second place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023.
   Topic: Promoting a healthy lifestyle: Mysuru adults awareness and adoption of Healthy lifestyle practices
5. Dr Shweta Neminath Kurkuri. Asst. Prof. of Comm.Medicine received Best paper award- First place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023
   Topic: Coverage of Japanese Encephalitis vaccine among children 12-36 months of age of migrant workers and factors determining it in urban Bangalore East cross sectional study
6. Dr.Sunita Singh, Asst. Prof. of Comm.Medicine received Best paper award- First place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023.
   Topic: The Menopausal Stigma scale: Development and Validation of a standardized scale measuring stigma among Indian perimenopausal women in the family
7. Dr Rashmi S, Asst. Prof. of Comm. Medicine received Best paper award- Second place at EFICON, Goa, during 30th Sept.2023 to 1st Oct.2023.
   Topic: Perceived stress to mindfulness- influencers of student engagement
8. Dr. Shruddha, PG in Comm. Medicine received Best Oral Presentation at International Tuberculosis CONCLAVE 2023, JSS AHER, Mysuru on 23rd & 24th Nov.2023
   Topic: Reimagining care; unravaling the psycological toll of tuberculosis through patient narratives in mysuru,india.
9. Dr.Lekhashree A., PG in Comm. Medicine received Best Oral Presentation at International Tuberculosis CONCLAVE 2023, JSS AHER, Mysuru on 23rd & 24th Nov.2023
   Topic: A qualitatve study on personal experiences, associated stigma and the importance in early detection and management among individuals affected by tuberculosis
10. Dr. Kodeeswaran .M, PG in Comm. Medicine received Best Oral Presentation at International Tuberculosis CONCLAVE 2023, JSS AHER, Mysuru on 23rd & 24th Nov.2023. Topic: Knowledge, attitude, practices towards pesticides, pattern of use of personal protective equipments during application of pesticides by farmers in rural area of Msyuru






Best paper award received at KACHCON 2023





Best paper award received at EFICON 2023





Best paper award received at TB Conclave 2023







Paper Presentations at various Conferences

Sl.No	Name of Staff/ PG	Topic	Conference	Certificate
1	Dr Amoghashree Asst. Prof, Dept of Community Medicine	Assessment of out- of- pocket expenditure of Noncommunicable Diseases on households in Urban slums of Mysuru city.	KACHCON 2023	
2	Dr Mythily M R Sr. Resident, Dept of Community Medicine	Perceived health effects if plastics and public driven solutions to combat it's menace-a cross sectional study	KACHCON 2023	
3	Dr Kavya G Upadhya Sr.Resident, Dept of Community Medicine	Retirement and impact of health and life style a cross sectional study in south Karnataka	KACHCON 2023	

4	Dr Shweta NeminathKurkuri Sr. Resident, Dept of Community Medicine	Immunisation status of children 12-36 months of age of migrants workers and factors associated it in Urban Bangalore East	KACHCON 2023	
5	Dr Sunita Singh Sr. Resident, Dept of Community Medicine	Perimenopausal age: dealing with symptoms and depression among Muslim women- A case-control study from Mysore	KACHCON 2023	
6	Dr Rakesh PG, Dept of Community Medicine	Hand grip strength in type 2 diabetics and non diabetics	KACHCON 2023	
7	Dr Annaram Ravali PG, Dept of Community Medicine	Upshots of health education among type 2 diabetic patients- a field study in mysuru	KACHCON 2023	
8	Dr Sayana Basheer PG, Dept of Community Medicine	Psychosocial correlates of emotional eating among health care proffesionals in mysuru	KACHCON 2023	
9	Dr Pragadesh PG, Dept of Community Medicine	Relationship between nutritional status and activities of daily living on geriatric depression among elderly attending primary health centre in southern	KACHCON 2023	
10	Dr Shruddha PG, Dept of Community Medicine	Advancing cervical cancer awareness and screening : unveiling vaccination status among females in mysore	KACHCON 2023	
11	Dr Lekhashree PG, Dept of Community Medicine	Awareness and prevalance on computer vision syndrome among medical students	KACHCON 2023	
12	Dr Sana Khader PG, Dept of Community Medicine	The prevalance of micronutrient deficiency and its association with bmi among adolescents in field practice area of jss medical college mysuru	KACHCON 2023	
13	Dr Sunil Kumar D Prof & HOD , Dept of Community Medicine	Investigating the perception and knowledge of Medical students on the Role of metaverse in Health care	EFICON 2023	

14	Dr Shwethashree M Asst. Prof , Dept of Community Medicine	Promoting a healthy lifestyle: Mysuru adults awareness and adoption of Healthy lifestyle practices	EFICON 2023	
15	Dr Amoghashree Asst. Prof, Dept of Community Medicine	Effect of Educational model on Menstrual health behaviors and willingness among school going rural adolescent girls	EFICON 2023	
16	Dr Kavya G Upadhya Sr. Resident, Dept of Community Medicine	Vitamin D deficiency: A study of health professionals perspective	EFICON 2023	
17	Dr Mythily M R Asst. Prof, Dept of Community Medicine	Microfinancing for health: Boon or Bane - mixed method study among community based organizations in Mysuru	EFICON 2023	
18	Dr Shweta NeminathKurkur Sr.Resident, Dept of Community Medicine	Coverage of Japanese Encephalitis vaccine among children 12-36 months of age of migrant workers and factors determining it in urban Bangalore East cross sectional study	EFICON 2023	
19	Dr Rashmi S. Sr. Resident, Dept of Community Medicine	Perceived stress to mindfulness-influencers of student engagement	EFICON 2023	
20	Dr Sunita Singh Sr. Resident, Dept of Community Medicine	The Menopausal Stigma scale: Development and Validation of a standardized scale measuring stigma among Indian perimenopausal women in the family	EFICON 2023	
21	Dr Shruddha PG, Dept of Community Medicine	Cross-sectional study evaluating the prevalance and associated factors of eating disorders among medical students in mysore	EFICON 2023	

22	Dr Lekhashree PG, Dept of Community Medicine	Determining levels of awareness for the need and appropriate attainment of vitamin d among general population of mysuru-a comparitive study	EFICON 2023	
23	Dr Amoghashree Asst. Professor, Dept of Community Medicine	Knowledge on menstrual health and experience with physical environment of school's bathroom in menstrual hygiene management in rural schools of mysuru	International TB Conclave 2023	
24	Dr Kavya G Upadhya Sr. Resident, Dept of Community Medicine	Awareness of the role of nutrition in cancer causation and prevention among rural adult population: a cross-sectional study	International TB Conclave 2023	
25	Dr Mythily M R Asst. Prof , Dept of Community Medicine	Promoting a healthy lifestyle: Mysuru adults awareness and adoption of Healthy lifestyle practices	International TB Conclave 2023	
26	Dr Rashmi S Sr. Resident, Dept of Community Medicine	Community perspective on perceived stigma about tuberculosis among general population in a south indian city -a cross sectional study	International TB Conclave 2023	
27	Dr Rakesh PG, Dept of Community Medicine	Impact of health education of anemia among adults in urban mysuru	International TB Conclave 2023	
28	Dr Annaram Ravali PG, Dept of Community Medicine	Prevalence of depression, anxiety and stress among medical students-a cross-sectional study	International TB Conclave 2023	
29	Dr Sayana Basheer PG, Dept of Community Medicine	Study on perfomance evaluation of dots providers and challenges faced by them in treating tuberculosis patients in mysuru	International TB Conclave 2023	
30	Dr Pragadesh PG, Dept of Community Medicine	Impact of smart phone addiction and academic procrastination in academic performance among medical students	International TB Conclave 2023	
31	Dr Shruddha PG, Dept of Community Medicine	Reimagining care; unravaling the psycological toll of tuberculosis through patient narratives in mysuru,india.	International TB Conclave 2023	

32	Dr Lekhashree PG, Dept of Community Medicine	A qualitatve study on personal experiences, associated stigma and the importance in early detection and management among individuals affected by tuberculosis	International TB Conclave 2023	
33	Dr Sana Khader PG, Dept of Community Medicine	Weight gain among tuberculosis patients and its association with socio-demographic profile and patient characteristics	International TB Conclave 2023	
34	Dr Koteeshwaran PG, Dept of Community Medicine	Knowledge, attitude, practices towards pesticides, pattern of use of personal protective equipments during application of pesticides by farmers in rural area of Msyuru	International TB Conclave 2023	
35	Dr Haripraksh Ph.D, Dept of Community Medicine	“Enhancing Digital Treatment Adherence: Creating a Web and Mobile Application for Chronic Disease Management-Tuberculosis”	International TB Conclave 2023	
36	Dr. Nayanabai Shabadi, Asst. Prof, Dept of Community Medicine	Assessment Of Noise-Induced Health Hazards Among the Welders in Mysuru City: A Cross- Sectional Analytical Study	State Conference of IAPSM	

BIOMEDICAL WASTE MANAGEMENT

Biomedical Waste Management at JSS hospital, Mysuru Especially in hospitals, cleanliness can save lives. Every healthcare worker needs to understand this and also educate the visitors to the hospital with a lot of concern and patience. We the staff of JSS hospital take this pledge of keeping our hospital very clean, meaning to say that we would like to keep the hospital germ free as far as possible. This can be accomplished by following the international/national guidelines for Bio-Medical waste (BMW) management. This not only protects the patients, but health care workers and patient attendants too. We are committed in giving safe and quality service to our patients as described by the founder of our hospital Jagadguru Sri Shivarathri Rajendra Mahaswamiji as “PATIENTS ARE OUR RELATIVES” (Rogigale Namma Bandhugalu). To keep the hospital safe and germfree, we also need the cooperation of patients and attendants. We consider our hospital as a place of worship because we hear more prayers in the hospital for the good health of the patients than what we hear in temple/churches/mosques etc.

Segregation, containment, and packing of hospital waste in wards and departments

The waste should be segregated at the source, all health care personnel – doctors, nurses, interns medical and nursing and paramedical students, lab personnel, helper staff, patients, and attendants of patients are responsible for this. Clinical and nursing staff apart from meticulous exertion needs to oversee the proper operation.

Waste collection is done in each ward/department in color-coded labeled bins of the capacity of 20 to 35 liters of each category and placed at the points of generation in respective wards/departments at an accessible, user-friendly, and safe location. Sharps will be collected in white puncture-proof containers in each department/ward. Sharps should be decontaminated with 1% sodium hypochlorite solution after disfiguring the same, the hypochlorite solution should be changed every 24 hours. Once 2/3rd full the container should be dispatched for disposal.

Intact glassware will be collected in cardboard boxes lined with blue boxes and can be handed over to the common treatment facilities. The waste collected by housekeeping staff is stored in color-coded rooms situated in the backyard of the hospital. The waste is transported to Shree consultancy in closed vans within stipulated time limits in a secure manner. Biomedical waste treatment is outsourced to SHREE CONSULTANCY (which has a license from the state pollution control board) and the same is visited by representatives from Hospital Infection Control Committee, once in 6 months to ensure waste disposal according to Biomedical waste Management guidelines.

Staff Safety Considerations: To ensure the safety of personnel involved in Bio-medical waste treatment and disposal, we follow certain policies and guidelines.

1. There are dedicated trolleys for transporting waste within the hospital.
2. All workers involved in this work are aware of the hazardous nature of this work.
3. The workers are provided with gumboots, rubber aprons, caps, masks, and thick rubber gloves.
4. All workers are immunized against Hepatitis B.

Training

1. JSSH hospital has a well-designed awareness and training program for all categories of workers involved in Bio-medical waste disposal and management.
2. Regular pre-induction training shall be conducted for appropriate categories of staff before joining the concerned department.
3. We have charts displayed at strategic points in all patient care areas depicting our Biomedical waste management policy.
4. We have frequent workshops and training programs to promote awareness of our Biomedical waste management policy.

The management provides manpower, money, and materials to carry out Infection control programmes. Regular classes are conducted by ICNs and members of the HIC committee for all the staff of the Hospital. The induction programme for newcomers includes sessions on HIC Budget: The organization earmarks an annual budget for the Infection control programme. Based on the scope of HIC activities and the previous year's experience, this budget is allocated. Training: Organization provides induction training and In-service training sessions for all staff in regular sessions. For doctors, the Medical education unit conducts an induction programme with HIC as one of the topics. For nurses and other para-medical staff, training is conducted by ICNs and HIC members. All the policies and protocols defined and approved by the HIC committee are being taught repeatedly and any change in the protocol also is

Research Projects – Completed (External)

Sl No	Title of the project	Principal Investigator	Collaborating Depts	Amount sanctioned	Duration
1	Rotasiil Vaccine Intussusception Surveilance in Kerala, Karnataka, Maharashtra and Gujarat, India	Dr. Rajani HS Asso. Professor, Dept of Peadiatrics	Peadiatrics	20,79,588.00	03 Yrs
2.	Rapid Assessment of Continuum of Care for Diabetes and Hypertension in India	PI: Dr Praveen Kulkarni,	Community Medicine	2,74,575/-	3 months

Research Projects – Ongoing (External)

Sl No	Title of the project	Principal Investigator	Collaborating Depts	Amount sanctioned	Duration
1	Single Nucleotide Polymorphism of Thyroid Hormone Receptor Gene and Its Association with Dyslipidemia In Tertiary Care Hospital In Mysuru – A cross sectional study	Dr.Hemamlini	Anatomy, Biochemistry, EndocrinologyOBG and Surgery	5,15,000	2 Years
2	Sickle Cell Disease-related stigma, economic loss and quality of life among tribal population of India - Mysore district, Karnataka	Dr. Deepa Bhat	Anatomy, Community Medicine	19,00,000	2 Years
3	Screening for sexually transmitted infections (STIs) and assessment of sexual health practices among tribal women population of HD Kote Taluk in Mysuru district, South India " -	Dr. Vidyavathi B Chitharagi	Microbiology Anatomy Community medicine	Rs 20,15,100/-,	2 years
4	"Epidemiology of chemical hazards among workers in different spectrum of agriculture activities of Southern India: a community based exploratory survey"	PI: Dr NayanabaiShabadi	Department of Community Medicine	36,96,817	3 years
5	Longitudinal effects of Air Pollution Exposures on Lung growth and development of biomarker of lung function deficit in Urban Children	Dr. Rajesh Kumar T. & Dr.P A Mahesh	Respiratory Medicine & Biochemistry	350.0	5 years
6	Prevalence of micronutrient deficiency, nutritional status and cognitive dysfunction among elderly residing in tribal areas of southern Karnataka	Dr.Praveen Kulkarni	Community Medicine, Psychiatry	27.5	3 Years
7	Acceptability and Effectiveness of Mental Healthcare Services to Adolescents among Urban and Rural Areas of Mysuru District by the use of Medical technology	PI: Dr Sunil Kumar D	Community Medicine	1,00,000	1 yr 06 months
8	Cost of illness and Diabetes-Specific Quality of Life among Type 1 Diabetic adolescents in Mysore District	PI: Madhu B	Community Medicine	1,00,000	1 year

Research Projects – Ongoing (JSS AHER)

Sl. No	Title of the Project	Name of the Principal Investigator/ Mentor & Department	Sanctioned by	Grants Sanctioned	Duration
1.	Spatial mapping of microbial populatioon in soil surrounding the hospital/industry	Dr.Sumana M N Professor & Head, Dept. of Microbiology, JSSMC, Mysuru	Microbiology	10,00,000.00	5 Yr
2.	The role of air pollution and pollen exposure on asthma Mysore, India	Dr.B.S.Jayaraj Professor JSSMC, Mysuru	Respiratory Medicine	10,00,000.00	5 Yr
3.	Genotyping and Feo-spatial Mapping of Dengue Genotypes from a tertiary care hospital situated in Mysuru, South India	Ms.Chinchana E S M.Sc., Student,Dept. of Microbiology, JSSMC, Mysuru	JSS AHER	25,000.00	01 Yr
4.	Latent TB Infection among Health care workers and their Risk Factors in a tertiary care Hospital situated in Mysuru South India A cross sectional observation study	Dr.Sahira Banu, M.Sc., Student of Microbiology, JSSMC, Mysuru	JSS AHER	25,000.00	01 Yr
5.	Genetic characterization of VRE isolated from diabetic foot ulcer in a tertiary care hospital in Mysuru, South India"	Ms.Greeshma, M.Sc., Student of Microbiology, JSSMC, Mysuru	JSS AHER	25,000.00	01 Yr
6.	Assessment of the genotypic and allelic frequency of CVP2C9 [rsl057910 and rs1799853] in the healthy population of Mysuru"	Ms.Jayashree N Hegade, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Genetics	25,000.00	01 Yr
7.	Association of ESRI gene polymorphism with Pre-Menstrual Dysphoric disorder in South Indian women	Ms. Shuchi O C M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Genetics	25,000.00	01 Yr

ICMR Fellowship detail

Sl.No	Title of the project	Principal Investigator	Collaborating Depts	Amount sanctioned	Duration
1	Elucidation of Proteasome Dysfunction and Endoplasmic Reticulum Stress in the Pathogenesis of Lung Injury Exposed To Urban Air Pollutants	Mr.Sumit Kumar Dey, Ph.D Research Scholar Dept. of Biochemistry JSS MC, Mysuru	Biochemistry	2,53,600.00	2 Yrs

UG Student Research Projects – Ongoing

Sl No	Title of the project	PI	Guide	Amount sanctioned	Duration
1	Relationship of traffic noise exposure and ambient PM 2.5 levels with arterial blood pleasure perceived stress and sleep quality among street traders at Mysuru city karnataka	Mr.Kaustubh Gaur	Dr.Praveen Kulkarni Professor of Community Medicine	50,000.00	05 Months
2	Barriers to vasectomy and its associated socio-demographic variables among the couple who have adopted tubectimy in urban rural and tribal areas	Ms.Muskan Jindal	Dr.Smitha C Asst. Professor of Community Medicine	50,000.00	05 Months

Publications

SL no	Faculty Name
1	Dr Ramesh Madhan, Alias Karammel, Marcia Jacob, Taniya Joy, Paul Varghese, Dr Sri Harsha Chalasani, Dr Subhash Chandra B.J, Jehath M Syed. A hospital-based cohort study on drug-related problems associated with high-risk medications amongst special populations. Pharmacoepidemiology and Drug Safety. 2023;32(S1):290-291.
2	Dr Ramesh Madhan, Alias Karammel, Marcia Jacob, Taniya Joy, Paul Varghese, Dr Sri Harsha Chalasani, Dr Subhash Chandra B J, Jehath M Syed. Assessment of high-risk medications utilization and prescribing patterns among special populations using WHO prescribing indicators. Pharmacoepidemiology and Drug Safety. 2023;32(S1):324.
3	Dr Amoghashree, Dr Narayan Murthy, Dr Chandan S. Assessment of Out of Pocket Expenditure on Noncommunicable Diseases in Urban Slum of Mysuru City. Indian journal of medical specialities. 2023 Sep;14(3)157-16.
4	Jaymini H Patel, Andre FS Amaral, Cosetta Minelli, Fadlalla G Elfadaly, Kevin Mortimer, et al. Chronic airflow obstruction attributable to poverty in the multinational Burden of Obstructive Lung Disease (BOLD) study. Thorax. 2023 Sep;78(9):942-945.
5	S Jayasooriya, Marie Stolbrink, EM Khoo, IT Sunte, JI Awuru, M Cohen, DC Lam, A Spanevello, D Visca, R Centis, GB Migliori, AC Ayuk, et al. Clinical standards for the diagnosis and management of asthma in low-and middle-income countries. The International Journal of Tuberculosis and Lung Disease. 2023 Sep;27(9):658-667.
6	Nandini N Menon, Dr Bharathi M B, Dr Sandeep S. Clinicomycological Profile of Fungal Rhinosinusitis in South India. Indian Journal of Otolaryngology and Head and Neck Surgery. 2023 Sep;75(3):2142-2148.

7	Andre FS Amaral, James Potts, Ben Knox-Brown, Emmanouil Bagkeris, Imed Harrabi, et al. Cohort profile: burden of obstructive lung disease (BOLD) study. International Journal of Epidemiology. Int J Epidemiol. 2023 Dec 25;52(6):e364-e373.
8	Dr Praveen Kulkarni. Comparative study of feeding practices among children less than two years attending rural and urban primary health centers, Mysuru, Karnataka. Int J Community Med Public Health. 2023Sep;10(9):3219-3225
9	Chandan Vinay Srigiripura, Chaya Sindaghatta Krishnarao, Jayaraj Biligere Siddaiah, Mahesh Padukudru Anand, Asna Urooj. Determinants of malnutrition and associated parameters in subjects with stable chronic obstructive pulmonary disease: A cross sectional study.The North African Journal of Food and Nutrition Research. 2023 Nov;7(16):85-100.
10	Dr Neetha Murthy S, Dr MN Sumana, Dr Tejashree A, Dr Vidyavathi B C, Dr Rashmi P Mahale,et al. Diagnostic Agreement of SARS-CoV-2 Lateral Flow Antigen Assay with the Cycle Threshold Values of RT-PCR. Journal of Pure and Applied Microbiology. 2023 Sep;17(3):1554-1559.
11	Mulubirhan Assefa Alemayohu, Maria Elisabetta Zanolin, Lucia Cazzoletti, Karima El-Rhazi, Hasan Hafizi, et al. Dietary flavonoids and ventilatory function in adults from the multinational Burden of Obstructive Lung Disease (BOLD) Study. European Respiratory Journal. 2023 Sep;62(67).
12	Divakar Vishwanath, Anita Shete-Aich, Manjunath B Honnegowda, Mahesh Padukudru Anand, Saravana Babu Chidambaram, Gajanan Sapkal, Basappa Basappa, Pragya D Yadav. Discovery of Hybrid Thiouracil–Coumarin Conjugates as Potential Novel Anti-SARS-CoV-2 Agents Targeting the Virus's Polymerase "RdRp" as a Confirmed Interacting Biomolecule. ACS omega. 2023 Jul;8(30):27056-27066.
13	Sudha Bakthavathsalam Sreenivas, Pranav Balaji Kashyap. Effects of Obesity on Severity of Menopausal Symptoms in Urban and Rural Women. Journal of Mid life health. 2023 Oct-Dec;13(4):304-309.
14	Aggarwal P, Bhat D. Genetic counseling in sickle cell disease: Insights from the Indian tribal population. Journal Community Genet. 2023 Nov;14:345-353.
15	Rohini H N, Pushpanathan Punita, Prasanna Kumar Santhekadur, M V Ravishankar. Gestational Diabetes Mellitus – The Modern Indian Perspective. Indian J Endocr Metab. 2023;27(3):387-393.
16	Li J, Fong Dyt, Lok KYW, Wong JYH, Man Ho M, Choi EPH, Pandian V, Davidson PM, Duan W, Tarrant M, Lee JJ, Lin CC, Akingbade O, Alabdulwahhab KM, Ahmad MS, Alboraie M, Alzahrani MA, Bilimale AS, Youssef N. Global impacts of COVID-19 on lifestyles and health and preparation preferences: An international survey of 30 countries. Journal of Global Health. 2023 Aug;13(6031).
17	Youn Ho Shin, Jimin Hwang, Rosie Kwon, Seung Won Lee, Min Seo Kim, GBD. Global, regional, and national burden of allergic disorders and their risk factors in 204 countries and territories, from 1990 to 2019: A systematic analysis for the Global. Allergy. 2023 Aug;78(8):2232-2254.

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12 RESPONSIBLE CONSUMPTION AND PRODUCTION





Contributors



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GOAL 12. ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS



1 INTRODUCTION

Worldwide consumption and production — a driving force of the global economy — rest on the use of the natural environment and resources in a way that continues to have destructive impacts on the planet.
Economic and social progress over the last century has been accompanied by environmental degradation that is endangering the very systems on which our future development — indeed, our very survival — depends.
Changes in consumption and production patterns can help to promote the decoupling of economic growth and human well-being from resource use and environmental impact. They can also trigger the transformations envisaged in global commitments on biodiversity, the climate, and sustainable development in general

1.1 A FEW FACTS AND FIGURES:

Each year, an estimated one third of all food produced – equivalent to 1.2 billion tonnes worth around $1 trillion – ends up rotting in the bins of consumers and retailers or spoiling due to poor transportation and harvesting practices.
If people worldwide switched to energy efficient light bulbs the world would save US$120 billion annually.
Should the global population reach 9.6 billion by 2050, the equivalent of almost three planets could be required to provide the natural resources needed to sustain current lifestyles.
Sustainable consumption and production are about doing more and better with less. It is also about decoupling economic growth from environmental degradation, increasing resource efficiency, and promoting sustainable lifestyles.
Sustainable consumption and production can also contribute substantially to poverty alleviation and the transition towards low-carbon and green economies.

2. JSSMC ALIGNMENT TO SDG TARGETS

A GLANCE AT OUR EFFORTS:

- **Abiding by JSS AHER Green policy**
- **Ensuring greenery in the college and hospital campus**
- **Energy conservation measures**
- **Kitchen garden in the campus**
- **Oxygen plant installation in hospital**
- **Electric Vehicle**
- **Use of bicycle**
- **Scientific disposal of biomedical waste from all health centres.**
- **Regular training of health care workers and students on biomedical**
- **waste management**

Energy conservation & recycling policy

Introduction

JSS Academy of Higher Education & Research (JSSAHER) is conscious of its responsibility and role in materialising its green policy using renewable energy, management of its water resources, and disposal of waste.

Purpose

In order to minimize energy usage, improve the efficiency of all energy/ resources (natural resources, water, electricity) consuming systems and equipment, and improve the environment in all facilities, JSS Academy of Higher Education & Research has adopted an energy /resources conservation and recycling policy.

Definitions

- Energy conservation: Energy conservation is a practice of decreasing the quantity of energy used and achieved through efficient energy use.
- Recycle: Recycle is a process of collecting and reprocessing materials that would typically be considered waste.

Policy

Conservation of energy and natural resources and recycling process is an integral part of JSSAcademy of Higher Education & Research (JSSAHER) facilities' design and usage. The JSSAHER employs a variety of energy conservation, recycling, and other techniques to lessen the consumption of resources and achieve the lowest feasible life cycle costs. However, occupant health, safety, comfort, and program requirements shall always be the primary concerns. Energy conservation measures will be achieved by using the most cost-effective, energy-efficient approach with consideration given for flexibility of use and future remodelling convenience. Recycling efforts are encouraged at the Institution/department level.

Responsibilities

- All faculty, staff, students, design consultants, and construction contractors must observe energy and resource conservation measures employed by the campus.
- The Campus Facilities Maintenance & Management Authority- Deputy Registrar shall bethe principal coordinator of all design disciplines, which includes responsibility for the implementation of this policy.
- Constituent Colleges & Departments shall be responsible for internal energy conservation, recycling efforts.

Related Policies

The energy conservation and recycling policy of JSS Academy of Higher Education &Research (JSSAHER) supports:

- Smart Campus Policy of JSSAHER
- The Swachh Bharat Mission (Urban) guidelines- Government of India.
- National conservation strategy and policy statement on environment and development Government of India.

Ensuring greenery in the college and hospital campus














SPEED LIMIT
20
























Energy conservation measures

Light Bulb Replacement

It is estimated that replacing traditional incandescent bulbs with CFLs/LED can cut lighting costs by up to 75%. JSSAHER, Constituent Colleges & Departments shall exchange such traditional incandescent bulbs across campus with CFLs/LED in a phased manner. Thus 75 % of the bulbs shall be changed with CFLs/LEDs by 2017.





- Sticker Reminders as part of their 'Energy Awareness Campaign' shall be placed on switch boards to remind everyone to conserve energy by turning off the lights.
- Small pamphlets emphasizing the importance of energy saving shall be prepared and circulated to all the staff and students of the college.
- Solar water heaters installed in colleges and hostels and especially for cooking, solar energy is utilized in the hostels and in guest houses. Step shall be taken to replace use of LPG completely with solar energy by 2020.

Water conservation

- Awareness program shall be held in campus once in 3 months for Sensitizing the staff and students
- The students in hostels shall be sensitized about water conservation in their orientation meetings.
- Printed stickers / labels with the slogan 'Save Water' to be fixed in strategic places of the college and hostels.
- Reducing car washing and the vehicles on the campus shall be washed based on the real needs rather than regular washing.
- The gardens shall be irrigated only with sprinklers and drip irrigation systems to save the wastage of water in plantations.
- All the existing flushes in the toilets to be changed into duel flush system in a phased manner.
- Sticker Reminders as part of the 'Energy Awareness Campaign' shall be placed near taps to remind everyone to conserve water by reducing wastage and closing the tap.
- Recharging of and ground water resources.
- Constructions of water tanks for responsible consumption of water.



Construction of tanks and bunds



Solar plants for heating water and for electricity





Recycle

- Green wastes shall be composted and reused as composts manure.
- All the waste bins to be replaced with duel bins with tag and pictorial signs “biodegradable
- waste” & nondegradable waste”.
- The biowaste disposal shall be only through Government approved disposal service
- contracts.

Rainwater harvest

To meet the needs and sustainable management of fresh water, the rainwater harvesting and utilisation systems have been established in all the campuses of the JSSAHER to aid towards the greater objectives of water management and conservation and increasing recharge of groundwater by capturing and storing rainwater, rainwater harvesting from rooftop run-offs and natural waterbodies and the community development. The below-mentioned models are established in the various buildings based on the size of the building and the extent and topography of the land.

The systems include –

- Simple roof water collection systems - Most of the rooftop rainwater harvesting has been
- completed by constructing five water storage structures with a storage capacity of 1000 m3.
- Land surface catchments – a simple way of collecting rainwater by retaining the flows(Including flood flows) of small creeks and streams in small storage reservoirs (on surface or
- underground) created by low-cost dams
- Collection of storm water – The surface runoff collected in stormwater ponds/reservoirs is

subject to a wide variety of contaminants and every effort is made to keep these catchments clean JSSAHER and the constituent colleges shall continue to establish a combination of the above techniques to have meet the groundwater needs.





Response of JSSAHER towards conservation of energy

The staff and students of JSSAHER shall be aware of the following response of JSSAHER towards conservation of energy to support its activities:

- Green Policy to be strictly followed in all its campuses
- Maintenance of clean, green and smart campus – waste segregation and planned disposal of waste through authorized agencies only
- Disposal of biomedical waste, Chemicals, and e-waste as per the norms of the Government
- Pollution control Board
- No Smoking campuses
- Energy conservation strategies – use of CFL/LED lights
- Solar heaters and Air source heat
- Pumps in the hostels
- Plastic-free campuses
- Conservation of water resources - Rainwater harvesting and wastewater treatment
- Reducing paper communication
- Organizing Swachh Bharat Abhiyan and creates awareness and consciousness amongst students.
- Including a subject "Environmental Sciences" in all courses
- Organizing Environment Day and Water Day.
- Preserving traditional knowledge and herbal medicine. Established medicinal plants garden andpromotes eco-friendly cultivation practices by organizing medicinal plants exhibition.









Response of JSSAHER for responsible production:

Solar panels are installed in the campuses of JSS Medical college and Hospital roof tops. The power generated through this is supplied to the grid.





Production of biogas: Biogas production is done using biodegradable waste



Kitchen garden in the hostel campus









Oxygen plant installation

JSS Hospital has installed and commissioned---

- TWO VSA Oxygen generator plants which produces 1000 Liters per Minute (500 Ltr/min x 2 nos) , This is an American product which is the latest, most efficient and cost effective model. Through this plant JSS Hospital, Mysore will be able to supply oxygen for additional 300 beds in the 'A' wing of the hospital. This has increased our oxygen bed numbers to 1060, with this plant we can generate and supply oxygen 24X7 without any interruption and also not be dependent on any other external source
- We have increased our liquid medical oxygen capacity from 13 kilo liters to 26 kilo liters
- We work in students hostel of JSS Medical College. We come from rural background. We are very happy to grow and maintain the kitchen garden. We do not use any chemicals for growing vegetables or fruits. We receive enourmous support from the administration for the same. We will feel happy and contented when we harvest vegetables and cook food from it and serve to students.





Electric vehicles

The electric vehicles are provided for the administrative staff at key positions in the JSS Hospital. It is a major initiative taken towards environmental protection and climate change by means of reducing air pollution and sustainable energy usage.

The electric vehicles are utilized for patient transport inside the hospital for those who have difficulty in commuting.









Usage of bicycles in the campus



Biomedical waste management in hospital

"CLEANLINESS IS GODLINESS NOT JUST NEXT TO GODLINESS"

Especially in hospitals, cleanliness can save lives. Every healthcare worker needs to understand this and also educate the visitors to the hospital with a lot of concern and patience.

We the staff of JSS hospital take this pledge of keeping our hospital very clean, meaning to say that we would like to keep the hospital germ free as far as possible.

This can be accomplished by following the international/national guidelines for Bio-Medical waste (BMW) management. This not only protects the patients, but health care workers and patient attendants too.

We are committed in giving safe and quality service to our patients as described by the founder of our hospital Jagadguru Sri Shivarathri Rajendra Mahaswamiji as "PATIENTS ARE OUR RELATIVES" (RogigaleNammaBandhugalu).

To keep the hospital safe and germfree, we also need the cooperation of patients and attendants.

We consider our hospital as a place of worship because we hear more prayers in the hospital for the good health of the patients than what we hear in temple/churches/mosques etc.

It's a process is developed by the hospital for safe handling and disposal of infectious and hazardous materials.

13 CLIMATE ACTION





Contributors



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Dept of Pharmacology

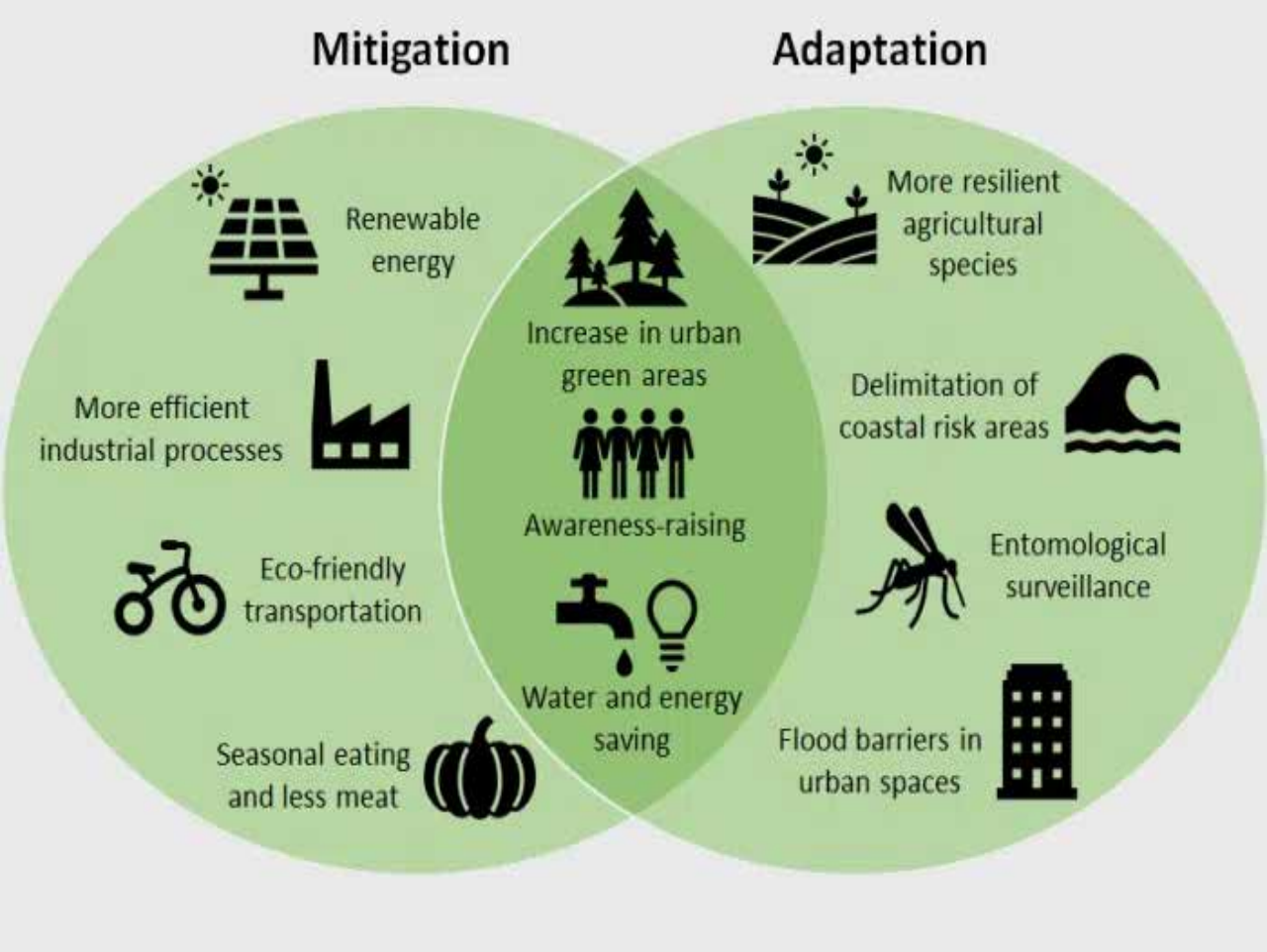


Dr Pushpa V H
Professor
Dept. of Pharmacology

Climate change: together we can cool the planet

Climate change continues to pose an escalating global crisis, with significant updates highlighting the urgency of the situation. Record-breaking heatwaves, wildfires, and extreme weather events have intensified, impacting millions worldwide. The Intergovernmental Panel on Climate Change (IPCC) released a stark report, emphasizing that without immediate and drastic reductions in greenhouse gas emissions, global temperatures could exceed the critical threshold of 1.5°C above pre-industrial levels by 2030.

The Arctic experienced unprecedented ice melt, further contributing to rising sea levels and threatening coastal communities. Additionally, deforestation in the Amazon reached alarming rates, reducing its capacity to absorb carbon dioxide and exacerbating climate impacts.



Governments and organizations are increasingly committing to net-zero targets, yet the gap between pledges and actions remains significant. The 2023 United Nations Climate Change Conference (COP28) emphasized the need for accelerated efforts in transitioning to renewable energy, enhancing climate resilience, and ensuring climate justice for vulnerable populations.

A GLANCE AT EFFORTS



GREEN POLICY OF JSSAHER

JSS AHER has its Green Policy which emphasizes on the following to be strictly followed in all its campuses.

- Maintenance of clean, green, and smart campus – waste segregation and planned disposal through authorized agencies only
- Disposal of biomedical waste, Chemicals, and e-waste as per the norms of the Karnataka State Pollution control Board
- Energy conservation strategies – For e.g., use of CFL/LED lights and Solar heaters and air source heat pumps in the hostels
- Plastic-free campuses
- Conservation of water resources - Rainwater harvesting and wastewater treatment
- Reducing paper communication
- The HEI actively organizes Swachh Bharat Abhiyan and creates awareness and consciousness amongst students.
- Provision for natural light in all its buildings.

GREEN CAMPUS







PLASTIC FREE CAMPUS







SUSTAINABLE AGRICULTURE (Kitchen Garden in the hostel campus)







RENEWABLE SOURCES OF ENERGY







BICYCLES



ELECTRIC BUGGIS & CAR



ENERGY EFFICIENT DEVICES

- ❖ Our implementation includes solar panels and LED as they reduce energy consumption to a great extent.
- ❖ We have provided the pooled-transport systems to students to travel from college to hospital or to other campus to ensure the less use of petroleum fuel.Energy saving ceiling fans







HUMAN SENSING AUTOMATIC LIGHTING SYSTEM

A human sensing automatic lighting system uses sensors to detect the presence of people in a room or area. These sensors can be motion detectors, infrared sensors, or cameras. When the system senses a person, it automatically turns on the lights, providing illumination without manual intervention. The system enhances convenience and energy efficiency by ensuring lights are only on when needed. It can be particularly useful in offices, homes, or public spaces, helping reduce energy consumption and costs. Additionally, it can be integrated with smart home systems for greater control and customization.





VERMICOMPOSTING

Vermicomposting is a simple biotechnological process of composting, in which certain species of earthworms are used to enhance the process of waste conversion and produce a better end product.

A team started the project Vermicomposting in JSS AHER campus. The prior knowledge and the assistance for the vermicomposting were received by the direction of scientists from the ICAR JSS KVK, Mysore.





RAINWATER HARVESTING



Rainwater harvesting collection tank of 30,000 Litres storage capacity. 10 no's of Groundwater & bore well recharge pits and infiltration tank of about 15,000 Litres capacity. STP of 25 KLD capacity by using SWR technology has been installed for treating sewage & kitchen wastewater of PG Guest Hostel & the treated water is used for the gardening area developed surrounding the building. One tank of 10,000 litres capacity is made for reuse of RO rejected water for gardening Purposes Water sprinklers are in place.

WASTE MANAGEMENT

I. Biomedical waste management

Biomedical waste management in the JSS hospital, Medical College, and allied health centres follow the Biomedical Waste Management Rules 2016.

Generated Biomedical waste in health centres follows the following step before it is treated.

Instructions are also mentioned in regional language

II. General waste

- Segregation and collection of dry and wet garbage are in practice.
- Color-coded dustbins are provided across the campus
- Waste collection by municipal lorries regularly from all the sites.
- Swachh Sarvekshan posters are put up in various places in the hospital, medical college, and hostel premises.







SEWAGE TREATMENT PLANT







WATER TREATMENT PLANT (HOSPITAL)







OXYGEN PLANT

With the Divine presence of His Holiness Swamiji, Sri. Basavaraj S Bommai, Hon'ble Chief Minister, Govt. of Karnataka inaugurated Oxygen Plant on 26.12.2021 at 4.30 p.m. at JSS Hospital, Mysuru. Dr. K Sudhakar - Hon'ble Minister for Health & Family Welfare and Medical Education and other dignitaries were present in the inauguration program.

In view of creating a greater number of oxygen beds due to the high demand, the management has decided to increase LMO tank capacity, accordingly we have installed additional 13KL capacity of LMO plant along with the existing 13KL capacity tank at our hospital on 29-11-2021.

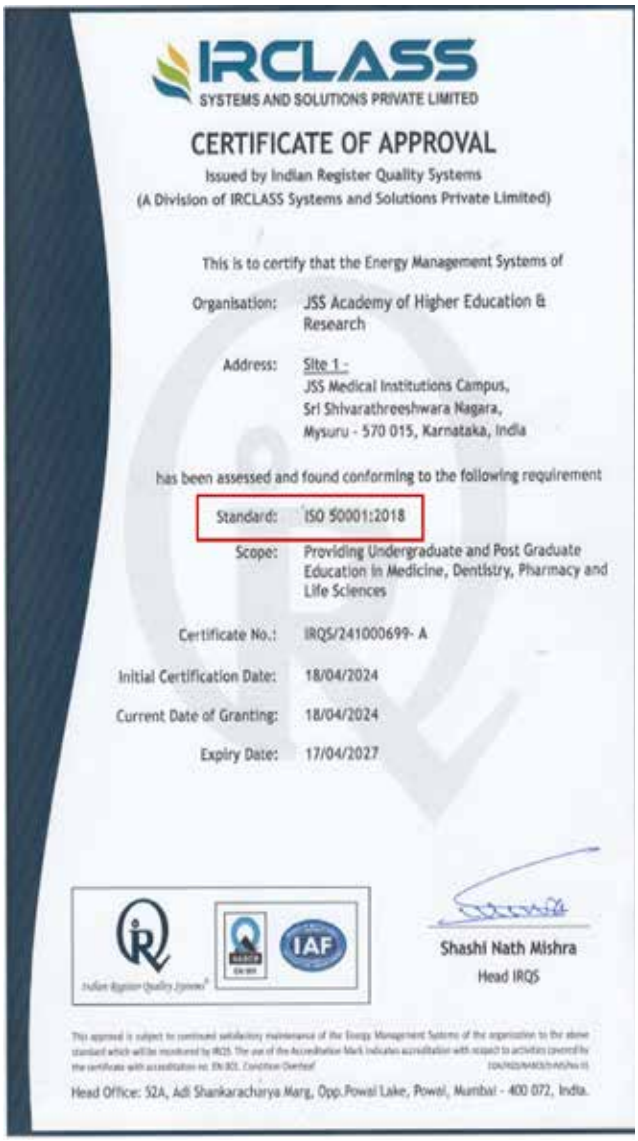


We had successfully treated 5000 COVID patients at our hospital with 205 oxygen lines during first wave of COVID-19 pandemic. During 2nd wave nearly 2000 COVID patients from Mysore and surrounding regions have been treated by extending another 150 oxygen beds.



JSS Medical College campus has successfully been certified for ISO 50001:2018 (Energy Management systems)

and ISO 14001:2015 (Environmental Management systems) on 18-04-2024



IRCLASS
SYSTEMS AND SOLUTIONS PRIVATE LIMITED

CERTIFICATE OF APPROVAL

Issued by Indian Register Quality Systems
(A Division of IRCLASS Systems and Solutions Private Limited)

This is to certify that the Energy Management Systems of

Organisation: JSS Academy of Higher Education & Research

Address: Site 1 -
JSS Medical Institutions Campus,
Sri Shivarathreeshwara Nagara,
Mysuru - 570 015, Karnataka, India

has been assessed and found conforming to the following requirement

Standard: ISO 50001:2018

Scope: Providing Undergraduate and Post Graduate Education in Medicine, Dentistry, Pharmacy and Life Sciences

Certificate No.: IRQS/241000699- A

Initial Certification Date: 18/04/2024

Current Date of Granting: 18/04/2024

Expiry Date: 17/04/2027

Shashi Nath Mishra
Head IRQS

This approval is subject to continued satisfactory maintenance of the Energy Management Systems of the organization to the above standard which will be monitored by IRQS. The use of the Accreditation Mark indicates accreditation with respect to activities covered by the certificate with accreditation no. EN 001. Condition Overleaf

Head Office: 52A, Adi Shankaracharya Marg, Opp.Powai Lake, Powai, Mumbai - 400 072, India.



IRCLASS
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Organisation: JSS Academy of Higher Education & Research

Address: Site-1: JSS Medical College,
JSS Medical Institutions Campus,
Sri Shivarathreeshwara Nagara,
Mysuru - 570 015, Karnataka,
India

has been assessed and found conforming to the following requirement

Standard: ISO 14001:2015

Scope: Providing Undergraduate And Post Graduate Education In Medicine

Certificate No.: IRQS/240300698/A

Initial Certification Date: 16/04/2024

Current Date of Granting: 16/04/2024

Expiry Date: 15/04/2027

Shashi Nath Mishra
Head IRQS

This approval is subject to continued satisfactory maintenance of the Environmental Management Systems of the organization to the above standard which will be monitored by IRQS. The use of the Accreditation Mark indicates accreditation with respect to activities covered by the certificate with accreditation no. EM 005. Condition Overleaf

Head Office: 52A, Adi Shankaracharya Marg, Opp.Powai Lake, Powai, Mumbai - 400 072, India.

GUEST LECTURE DELIVERED BY THE FACULTY

S.No.	Name of the faculty	Title	Date & Venue	Certificate / Photos
1	**Dr. Thanzeemunisa**	**Paediatric allergy update and AST Workshop Talk : Allergic Rhinitis and asthma –close link in children**	**7th April 2024 JK Ground MMCRI, Mysuru**	
2	**Dr. Mahesh P A**	**Air Pollution Exposure & Respiratory Toxicology**	**2nd to 4th January 2024 JSSAHER Mysuru**	
3	**Dr Sulochanadevi B C Dr Sreena V, School of Public Health**	**Open WHO course on 'Air pollution and health: an introduction for health workers**	**13-01-24 WHO course online**	 

PUBLICATIONS

S. No.	Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index		Bibliometrics
					Scopus	Web of Science	
1	Allergic rhinitis in India	Subhabrata Moitra., Dr Mahesh P.A.., Saibal Moitra	Clinical and Experimental Allergy	2023	4	4	-
2	Association between drinking water fluoride and the serum alkaline phosphatase and phosphate levels in pregnant women and newborn infants	Thippeswamy Honne Manjunathappa., Dr Devananda Devegowda., Nanditha Kumar Mysore., Prashanth Vishwanath., Dr Prashanth S N	Dental and Medical Problems	2023	0	0	-
3	A Proteomics Investigation of Cigarette Smoke Exposed Wistar Rats Revealed Improved Anti-Inflammatory Effects of the Cysteamine Nanoemulsions Delivered via Inhalation	Sanniya Middha., Koustav Ganguly., Gautam Sharma., Swati Pund., Rajkumar Govindan., Mehar Un Nissa., Deeptarup Biswas., Dr Mahesh P A., Rinti Banerjee., Sanjeeva Srivastava	OMICS A Journal of Integrative Biology	2023	0	0	27(8): 338-360
4	Unmasking the Silent Threat: Periodontal Health's Impact on COPD Severity and Hospitalization	Dr Anitha S., Komarla Sundararaja Lokesh., Sindaghatta Krishnarao Chaya., Mohammed Kaleem Ullah., Dr Jayaraj B S., Dr Nandlal B., Padukudru Anand Mahesh	Journal of Personalized Medicine	2023	0	0	13(12)

5	Risk factors associated with symptoms of asthma in India	Sabir Mohammed., Sanjay K Kochar., Udaiveer Singh., Bhushan Girase., Nishtha Singh., Singh., Sundeep Salvi., Dr Mahesh P.a..,	European Respiratory Journal	2023		0	62(Supplement 67)
6	Geospatial Mapping of Indoor Air Quality and Respiratory Illnesses in an Urban Slum	Samyak T Shah., Dr Nayanabai Shabadi., Rohan Karkra., Vadaga V Rao	Cureus	2023		0	15(2): 1-8
7	Assessment of wood smoke induced pulmonary toxicity in normal- and chronic bronchitis-like bronchial and alveolar lung mucosa models at air–liquid interface	Gunnar Johanson., Lena Palmberg., Koustav Ganguly., Swapna Upadhyay., Mizanur Rahman., Selina Rinaldi., Jeremy Koelmel., Elizabeth Z Lin., Dr Mahesh P.a.., Johannes Beckers., Krystal J Godri Pollitt., Martin Irmler	Respiratory Research	2024	0	0	25(1): 1-22

Ongoing Projects

Funding Agency	PI/Co PI* & Dept	Area of research	Funds in rupees	Instruments	Manpower
ICMR	Dr.Rajesh Kumar T Biochemistry MPH Uni. of Mysuru	Phytoremediation of indoor air pollution	16,75,000	Customized plant wall filtration system Electro chemical sensor-10 Units NOx & VOC	Project Tech. support-III-2 Project Tech. support-I-1
DBT	Dr. Rajesh Kumar T. & Dr.P A Mahesh Biochemistry & Respiratory Medicine	Air Pollution Exposures on Lung growth and development of biomarker of lung function	3,50,00,000	Spirometer velocimeter 10 Lakhs	JRF-1 PA-1 FW-3 Ph.D. Enrolled

Swedish Heart Lung foundation, Karolinska Institute	Dr. Mahesh P A Respiratory Medicine	Adverse effect of outdoor and indoor air pollution	15,00,000	Nil	Nil
Swedish Heart Lung foundation, Karolinska Institute	Dr. Mahesh P A Respiratory Medicine	Molecular patho-mechanism of biomass smoke induced chronic obstructive pulmonary disease	65,00,000	Spirometer (Model: NDDEasyone Air) CO Check Device (Model: CO Check Pro) FeNO Measurement Device (Model: Fenom Pro) FeNo Consumables - Digital License with Filter Finger tip pulse oximeter (Model: Oxy3000) Rs.9,13,000	RA-02
University of Birmingham	Dr. Mahesh P A Respiratory Medicine	Characterize Asthma and allergic rhinitis in the Indian population	20,00,000	Spiro meter Rs.1,77,000/-	NIL
ICMR	Mr. Kaustubh Gaur Dr.Praveen Kulkarni	Relationship of traffic noise exposure and ambient PM 2.5 levels with arterial blood pleasure perceived stress and sleep quality among street traders at Mysuru city Karnataka	50,000.00		
	Dr. B.S.Jayaraj Professor JSSMC, Mysuru	The role of air pollution and pollen exposure on asthma Mysore, India	10,00,000.00		

Research Collaborations & Consultancies

Sl No	Collaboration with Institution name	Area	Objectives	Outcomes	Financial details	MOU/MOA
1	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter	Ongoing research project	--	--
2	Indian Institute of Technology-Bombay (IIT-B), Mumbai	Air pollution and lung function	Lung function in children and effects of long-term exposure to traffic induced pollution	Ongoing research	--	MOA

-

SRI SUTTUR JATHRA MAHOTHSAVA - 2024
JSS MEDICAL COLLEGE AND HOSPITAL
EXECUTIVE SUMMARY OF MEDICAL EXHIBITION





The annual Jathra Mahotsava of Adi Jagadguru Sri Shivarathreeshwara Shivayogi Mahaswamigalu, held at Suttur Srikshetra from February 6th to 11th, 2024, showcased a multitude of programs and exhibitions aimed at fostering scientific and educational awareness among rural communities. The medical exhibition, inaugurated by His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, focused on the theme **"Healthy Lungs – Healthy Life: Every breath counts,"** emphasizing respiratory health education and preventive measures.

The medical exhibition by JSS Medical College and Hospital received 2nd prize at the Jathra Mahothsava for its efforts and commitment towards generating health awareness among the public.

Key Highlights:

- The exhibition featured 17 departments of JSS Medical College and Hospital, engaging thousands of visitors daily, including individuals of all ages.
- Departments like Anatomy, Physiology, Biochemistry, and Medical Genetics offered interactive displays, demonstrations, and educational materials on respiratory anatomy, lung function, genetic disorders, and preventive measures.

- Activities ranged from respiratory health quizzes, lung function testing, and deep breathing demonstrations to screenings for oxygen saturation and pulse rate using point-of-care testing devices.
- Departments like Pathology, Microbiology, and Pharmacology showcased models, posters, and educational games on lung pathologies, infections, and pharmacological interventions.
- Department of Community Medicine initiatives were community-focused activities included interactive games, puppet shows, movie screenings, and clean air pledges to promote awareness and behavioral change regarding respiratory health.
- Specialty departments such as Forensic Medicine highlighted safety measures related to gas geyser usage and drowning prevention, while Psychiatry focused on tobacco cessation and sexual health education.
- **The School of Public Health emphasized air pollution awareness, preventive measures, and the importance of mask-wearing and social distancing**.
- Feedback from attendees lauded the innovative and informative exhibits, with the JSS Medical College & Hospital exhibition receiving recognition and praise for its impactful contributions.

Shramadaan at K R Mills by JSS Medical College, Mysuru – 09-03-2024



As part of Family Adoption Program, along with NSS, **"Shramadaan"-** Giving back to community- activity was organized on 9th March 2024 at K R Mills colony, Hanchya PHC, Mysore. As part of the program 1st year MBBS students were involved as NSS volunteers and carried out cleaning of the premises of KR Mills Subcentre, Government Model Higher primary School, KR mills and Government High School, K R mills. The students also gave health education to school students on importance of segregation of dry and wet waste at household level, personal hygiene and hand hygiene. Dr. Shwetha Kurkuri, Dr. Sunitha Singh, Senior Residents, Dept of Community Medicine, Dr. Amoghashree, Asst. Prof., Dept. of Community Medicine, Dr. Ravishankar, Asst. Prof., and NSS Co-ordinator, Dept. of Anatomy, JSS Medical College, Mysuru along with Post graduates from the Dept. of Community Medicine, JSS Medical College, coordinated the whole event. Support was also extended by Dr. Sunil Kumar D, HOD, Dept. of Community Medicine, JSS Medical College, Gram Panchayat, Siddlingipura, Dr. Ravidra, Medical Officer, Hanchya PHC, Mysuru for the event.

Indo Swedish Conference on "Air Pollution and Respiratory Toxicology" and Workshop on "Methods of Assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)" - 2nd to 4th January 2024

The Department of Respiratory Medicine along with the Department of Biochemistry (DST-FIST Supported Department), JSS Medical College, Mysore Karnataka in collaboration with Department of Environmental Science and Engineering, Indian Institute of Technology Bombay, (IITB), Mumbai, Maharashtra, India and Institute of Environmental Medicine (IMM), Karolinska Institutet, Stockholm, Sweden have organized Indo Swedish one day conference on "Air pollution and Respiratory Toxicology" and 2 day's workshops on "Methods of Assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)" from 2nd to 4th January 2024. This event is supported by Ministry of Education, Govt of India, under Scheme for Promotion of Academic and Research Collaboration (MoE-SPARC).

The conference was designed to understand the role of air pollution on human health and to explore the recent strategies to combat the same while the workshop focused on various techniques crucial in deciphering the impact of pollution by assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)

A total of 29 participants had registered for the conference and 14 participants were registered for the workshop. During the course of workshop, participants were exposed to a wide array of techniques: Demonstration of cell culture, plating of cells in 96-well microtiter plates, cell viability determination by MTT, ROS assessment, ELISA, Lipid peroxidation estimation with serum and LDL. In addition, antioxidant assay using colorimetric methods such as FRAP, DPPH, DCFH-DA were also demonstrated to the workshop participants.







WORLD NO TOBACCO DAY – 31-05-2024

World No Tobacco Day was observed in collaboration with the Department of Psychiatry, JSS Hospital, on May 31, 2024, at 12 pm. The chief guest was Dr. C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru. Posters on the dangers of tobacco use were displayed at JSS Hospital to create awareness regarding the health hazards related to tobacco use.

Mrs. Purohit Saraswati, Assistant Professor and HOD of the Department of Mental Health Nursing, conveyed the significance of World No Tobacco Day to the public at JSS Hospital. Dr. Kishore M., Professor of Psychiatry at JSS Medical College and Hospital, Mysuru, delivered the keynote address on World No Tobacco Day. Dr. C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru, addressed the gathering regarding the importance of quitting tobacco and the associated health benefits. Prof. Aswathy Devi M.K., Principal of JSS College of Nursing, graced the program, as did Dr. Pradeep Kumar, Psychiatrist at JSS Hospital, Mysuru.

A role play was performed by II Semester BSc Nursing students under the guidance of Dr. Pradeep Kumar to create awareness regarding the effects of tobacco use among the public. Patients of JSS Hospital benefited from the program. Prizes for the winners of the poster-making competition were distributed during the event. The program concluded at 1 pm.







E-Learning module on tobacco counselling – 22-01-2024

E-Learning Module on Tobacco Counselling! This interactive and comprehensive online program has been designed to equip healthcare professionals with the knowledge and skills necessary to provide effective tobacco counselling to their patients. Dr. Chandrashekar B R, MDS, PhD, FAIMER 2017 Fellow. Associate Dean (Academics), Professor, Department of Public Health Dentistry, JSS Dental College and Hospital, JSS Academy of Higher Education and Research, Mysuru enumerated the reasons for tobacco initiation and dependence, Factors related abuse liability and tobacco industry tactics to promote abuse liability of product and how to Motivating young children's not to experiment the tobacco.





Important points

- Abuse liability and tobacco industry tactics
- Abuse liability: manipulation of dependence potential and attractiveness that can contribute to harm directly
- Making attractive cigarettes for young children
- Tobacco pack surveillance; Tobacco pack surveillance refers to the systematic and ongoing monitoring of tobacco product packaging for various purposes, including compliance with regulations, public

health research, and policy evaluation. This surveillance involves the collection, analysis, and reporting of information related to the packaging and labelling of tobacco products. Here's an overview of the key aspects of tobacco pack surveillance.

- Nicotine stimulate nicotine has stimulant effects, tobacco use and nicotine addiction are associated with numerous health risks, including cardiovascular diseases, respiratory problems, and an increased risk of various cancers. Quitting smoking or using nicotine replacement therapies under medical guidance is recommended for those looking to break the cycle of nicotine dependence.
- Tobacco use prevalence
- Tobacco industries
- Narcotic effects of nicotine
- Autopsy studies 400% increase in nicotine receptors among smokers compared to non- smokers
- Ammonia technology is the key to competing smoke quality with (Philip mirror) world wide

WORLD ENVIRONMENT DAY – 05-06-2024

World Environment Day was celebrated by tree plantation in the campus on 5th June 2024



INTERNATIONAL VISITS BY FACULTY/STUDENTS

Dr. MVSST Subba Rao & Dr. Rajesh Kumar T, Professors, Department of Biochemistry participated in **Indo-Sweden Workshop on Household Air Pollution and Health** as delegates at Karolinska Institute, Stockholm, Sweden from 25th to 29th September 2023.









Foundation Course for Phase 1 Students (2023-24 batch) from 09th September to 15th September 2023

Dr. Ranjitha Shankare Gowda spoke on patient **safety and biohazard safety**. She described the types of error during daily practice like medication errors, antimicrobial resistance, healthcare associated infections and others. She discussed about biomedical wastes management. How the biomedical wastes are generated in the hospital, what are the hazards related to that and how to manage.

Dr Rashmi started the session by introducing types of **biomedical waste** and generation of wastes in hospital settings. She has discussed basic concepts of biosafety and its implementation while handling biohazard materials. She explained the importance of waste segregation immediately after generation in the hospital and color codes for segregating different types of biomedical wastes after procedures. She discussed all 4-color coded based segregation method including yellow, red, blue, and white. Besides segregation, she also discussed on several methods of treatment of these biomedical wastes, and precautions during waste segregation. She briefly explained on Hospital acquired infection and contribution of biomedical wastes in several HAI. She made students aware of blood borne viruses (BBV) and discussed safety measures to avoid the spread of cross infections through biomedical wastes.

World Environmental Day – 25-07-2023

"What we are doing to the forests of the world is but a mirror reflection of what we are doing to ourselves and one another." – Mahatma Gandhi



A healthier environment is the need of the hour and we must not make any more delays. World Environment Day (WED) is celebrated to encourage and create awareness and to take appropriate action for the protection of the environment. It is supported by many organizations worldwide. In this regard to mark the activity, NSS unit JSS Medical College, Mysuru, conducted the sapling implantation program on 25th July 2023 in the medical college campus garden. Faculty and NSS student volunteers actively participated and witnessed the event.

Dr. Basavana Gowdappa H, Principal of JSS medical college, Dr. Suma M.N., and Dr. Praveen Kulkarni, vice-principals of JSS Medical College, and Mr. Sathish Chandra, Administrative officer of JSS Medical College, Sports director Mr. Lokeshappa H, implanted number of saplings in the garden to mark this event. The NSS volunteers also implanted the saplings in the same garden. This program was coordinated by NSS program officers NSS unit, at JSS Medical College, Mysuru.

Tree sapling – Observation of Independence Day – 14-08-2023



Department of Community Medicine, JSS Urban Health Center, JSS Medical College, Mysore had organized Tree saplings Planting Program in association with Rajeev Sneha Balaga under public private partnership at JSS Urban Health Centre on 14.08.2023 on the eve of 77th Independence Day.

10 saplings (Medicinal &floral) were planted in JSS Urban Health Centre Garden. Smt. Lakshmi Rajeev, Rajeev Sneha Balaga, Smt. Sandhya Suresh, Secretary Inner Wheel Club of Mysore Midtown, Dr. M.C. Prasad, Assistant Professor, Dept of General Medicine, Dr. Amoghashree, Assistant Professor & JSS UHC Coordinator, Dr. Noor Fathima, Assistant Professor, JSS Ayurveda College, Dr. Rama H.V, Lady Medical Officer & staffs of JSS Urban Health Centre Planted the saplings.

Awareness Programme on Substance abuse and Observation of World Ozone Day – 16-09-2023

An awareness Programme on Prevention & Management of Substance abuse was held for High School children on 16.09.2023 at Government High School, Medar's Block, Bamboo Bazaar.

Dr. Rama H.V., Lady Medical Officer, JSS Urban Health Center gave a talk on the subject through PPT. She stressed the need for creating awareness to adolescents who are easily Prone to get affected by substance abuse. She also clarified the doubts among students.



A Role play by High school Girls on the topic was appreciated by everyone. Observation of World Ozone Day also was held on 16.09.2023 Smt. Ningajamma, Science Teacher gave a PPT about importance of Ozone and bad effects caused on earth due to depletion of Ozone layer. She also gave an account of steps to Prevent further depletion of ozone layer. Smt. Pushpavathi Head Mistress Government High School Presided over the Programme. Kumari Rachana completed the Programme. Field staff Sri. Mallikarjuna swamy MSW. Sri. Santhosh H.B Health Inspector. Sri. Sunil Y.S Health assistant JSS Urban Health Centre coordinated the event.

"Swachhata Hi Seva" – 01-10-2023

"Cleanliness is next to Godliness," - *John Wesley*



"Swachh Bharat Abhiyan" was conducted to disseminate the importance of a "Sampoorna Swachh Bharath, to reinforce the concept of sanitation as everyone's business. To prelude "Swachh Seva" activities, many students and faculty volunteers from JSS Academy of Higher Education and Research, Mysuru conducted cleanliness activities on 1st October 2023 between 9:30 am-11:30 am.

The program involved the commissioner, deputy mayor, and regional corporator of Mysuru city corporation who actively took part and supported the whole event. The program was started with the felicitation of the corporation authorities by Dr. Praveen Kulkarni, Vice-Principal, JSS Medical, and Dr. Krishna K.L., NSS Programme Officer, JSS AHER College Mysuru.

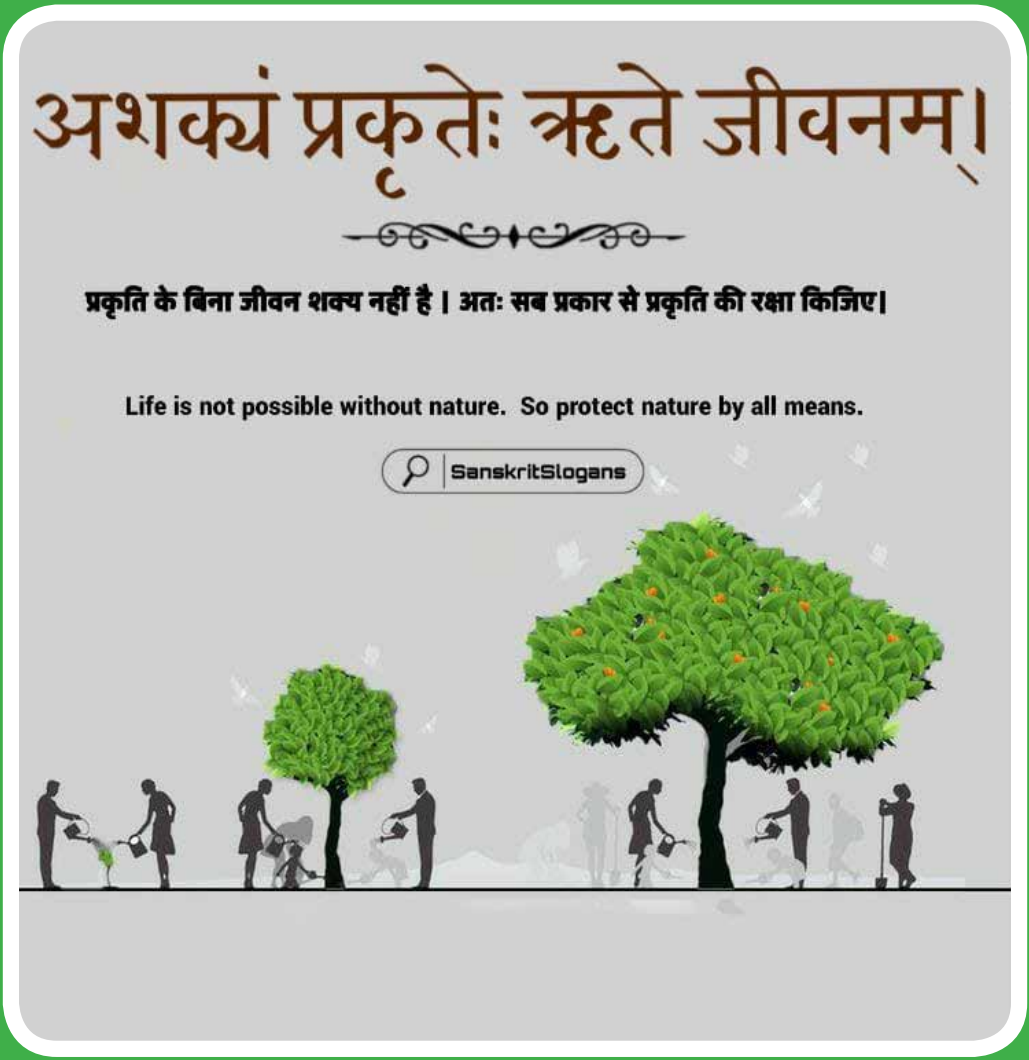
Dr. Praveen Kulkarni passed the initial remarks about the importance of cleanliness in the health professions by reiterating the significance of the prevention of various communicable and non-communicable diseases. Subsequently, the formal inauguration of the cleanliness drive was marked by the deputy mayor by initiating the cleaning activities at the entrance of JSS AHER. Twenty-five student MBBS NSS volunteers and 10 faculty from JSS MC actively participated in the event and cleaned the streets and parks by plogging various degradable and non-degradable substances in areas coming under the jurisdiction of Sri Shivarathreeshwara Nagara. The activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru; and the administrative officer JSS Medical College, Mysuru. Dr. Krishna K L, NSS programme officer JSS AHER was instrumental in conducting this whole event. The program was supervised and coordinated by NSS program officers NSS unit, JSS Medical College, Mysuru.






15 LIFE ON LAND





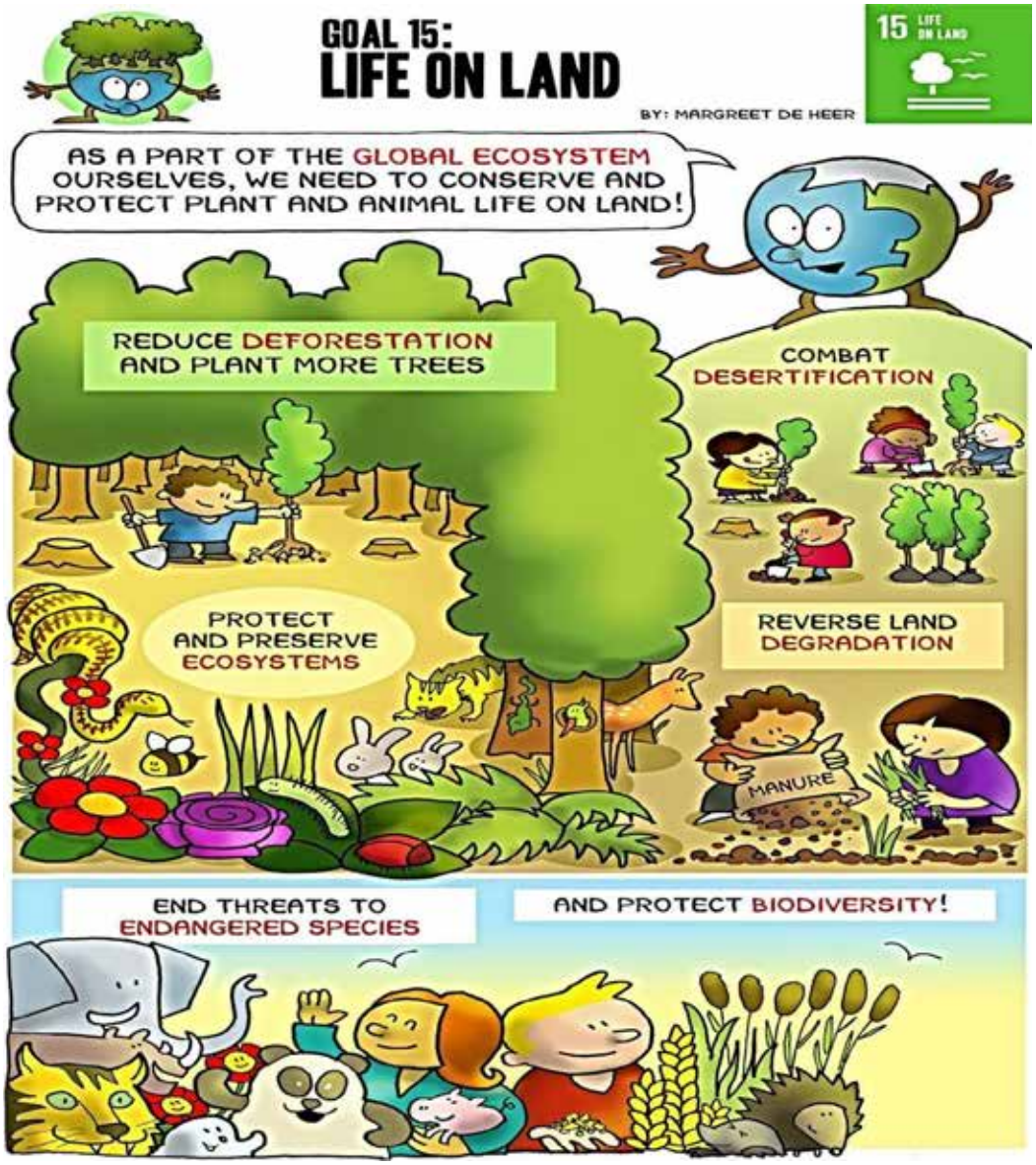
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GOAL 15:
LIFE ON LAND
BY: MARGREET DE HEER
15 LIFE ON LAND
AS A PART OF THE GLOBAL ECOSYSTEM OURSELVES, WE NEED TO CONSERVE AND PROTECT PLANT AND ANIMAL LIFE ON LAND!
REDUCE DEFORESTATION AND PLANT MORE TREES
COMBAT DESERTIFICATION
PROTECT AND PRESERVE ECOSYSTEMS
REVERSE LAND DEGRADATION
MANURE
END THREATS TO ENDANGERED SPECIES
AND PROTECT BIODIVERSITY!

Introduction

Earth's ecosystems are vital for sustaining human life, they contribute to over half of global GDP and encompass diverse cultural, spiritual, and economic values. However, the world is facing a triple crisis of climate change, pollution and biodiversity loss. Sustainable Development Goal 15 seeks to protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

The nine "outcome targets" include: Conserve and restore terrestrial and freshwater ecosystems; end deforestation and restore degraded forests; end desertification and restore degraded land; ensure conservation of mountain ecosystems, protect biodiversity and natural habitats; protect access to genetic resources and fair sharing of the benefits; eliminate poaching and trafficking of protected species; prevent invasive alien species on land and in water ecosystems; and integrate ecosystem and biodiversity in governmental planning. The three "means of achieving targets" include: Increasing financial resources to conserve and sustainably use ecosystem and biodiversity; financing and incentivizing sustainable forest management; combating global poaching and trafficking.

Humans depend on earth and the ocean to live. The human diet is composed 80% of plant life, which makes agriculture a very important economic resource. Plant life provides 80 percent of the human diet, and we rely on agriculture as an important economic resources. Forests cover 30 percent of the Earth's surface, providing vital habitats for millions of species, and important sources for clean air and water, as well as being crucial for combating climate change. Terrestrial ecosystems provide a series of goods, raw materials for construction and energy, food and a series of ecosystem services including the capture of carbon, maintenance of soil quality, provision of habitat for biodiversity, maintenance of water quality, as well as regulation of water flow and erosion control, therefore contributing to reduce the risks of natural disasters such as floods and landslides, regulate climate and maintain the productivity of agricultural systems. Maintaining those ecosystems greatly support climate change mitigation and adaptation efforts. The protection of our land resources must be a high priority if we are to make a transition to a more sustainable society. adequate approach for promoting the conservation and sustainable use of biodiversity in various sectors, including agriculture, forestry, fisheries and tourism, among others, which are interconnected with food security, economic growth, human health, the improvement of living conditions and the enjoyment of a healthy environment. So maintaining biodiversity enhances these services.

We need to mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems. Enhancing efforts to combat poaching and trafficking of protected species, mobilizing significant resources from all sources and at all levels and having adequate management for conservation and reforestation are need of the hour. By 2030, we have to restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world. With this holistic approach we can protect and restore life on land. All these efforts combined aim to ensure that the benefits of land-based ecosystems, including sustainable livelihoods, will be enjoyed for generations to come.

Infrastructure

Centre For Experimental Pharmacology and Toxicology JSS Academy of Higher Education & Research (JSS AHER) has endowed an extensive ABSL2 preclinical facility "Centre for Experimental Pharmacology and Toxicology" to support the comprehensive research activities of its constituent colleges (medical, dental, pharmacy, life sciences) and departments. The facility is licensed (261/PO/ReBi/S/2000/CPCSEA) by Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Government of India, to conduct experiment on small animal models and breeding for in-house use. The vivarium is located in a serene and peaceful ambiance within the University campus. A built space of 7000 sq ft primarily constitutes rodent barrier facility, small animal clinicopathology labs and supportive suites. Animal facility plant is built in compliance with guidelines of National Institutes of Health (NIH), USA and CPCSEA, Government of India

Physical Plant

- PT is a BSLII barrier facility with dual corridors, temperature, humidity, light, noise and differential air pressure monitored 24X7
- Epoxy terrazzo coated floor, concrete masonry walls, and moisture resistant ceilings
- Facility is provisioned with isolated ventilated cages
- Clinicopathology, test item control office, archive on site

Animal care is monitored on a daily basis including weekends and holidays

- Health monitoring within the animal facilities is ensured through a sentinel program, supplier reports, and environmental testing by trained veterinarians
- Sterilised Bedding, food and portable mineral water
- Consistent healthcare from study initiation to study completion
- Practice in force on humane endpoints policy to minimize pain and discomfort

Experience with and equipped to conduct studies in a wide array of species

- Rat
- Mouse
- Rabbit
- Guinea Pig

Scientific services

With cutting edge technologies in scientific research along with wide range of experienced professionals, CPT alliances with its partners to bring forth endless variety of disease models and preclinical services in the following areas- Pharmaceuticals, Medical devices, Agrochemicals and Pesticides, Food products and Nutraceuticals, Folklore Remedies

Collaborations

International

- NIAAA, NIH, USA
- Macquarie University, Australia
- Sultan Qaboos University, Oman
- University of Saskatchewan, Canada
- Seton Hall University, USA
- University of Johannesburg

National

- CSIR Central Food Technological Research Institute, Mysuru
- CSIRIITR, Lucknow
- IIT, Madras
- Department of Chemistry, University of Delhi
- National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore
- Birla Institute of Technology and Science, Hyderabad
- Annamalai University, Tamil Nadu



Biochemistry lab



PPE changing rooms



Air shower entry



Rodent room



Clean corridor



Cages autoclave



IVC cage



Stereotaxic apparatus

Green Life on the campus

















Related Research Grants

1. Geriatric chronic cerebral hypo perfusion: Role of short chain fatty acids supplementation on gut-brain axis function, protein misfolding, autophagy and cognition. Funded by Public Health and Nutrition Division (2020-2024), Department of Biotechnology, Government of India. [On-going study-Amount 50 Lakhs]

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2. Niloy, N.; Hediyal, T.A.; Vichitra, C.; Sonali, S.; Chidambaram, S.B.; Gorantla, V.R.; Mahalakshmi, A.M. Effect of Cannabis on Memory Consolidation, Learning and Retrieval and Its Current Legal Status in India: A Review. *Biomolecules* **2023**, *13*, 162.

3. Hediyal, T.A.; Vichitra, C.; Anand, N.; Bhaskaran, M.; Essa, S.M.; Kumar, P.; Qoronfleh, M.W.; Akbar, M.; Kaul-Ghanekar, R.; Mahalakshmi, A.M. Protective Effects of Fecal Microbiota Transplantation against Ischemic Stroke and Other Neurological Disorders: An Update. *Frontiers in Immunology* **2024**, *15*, 1324018.

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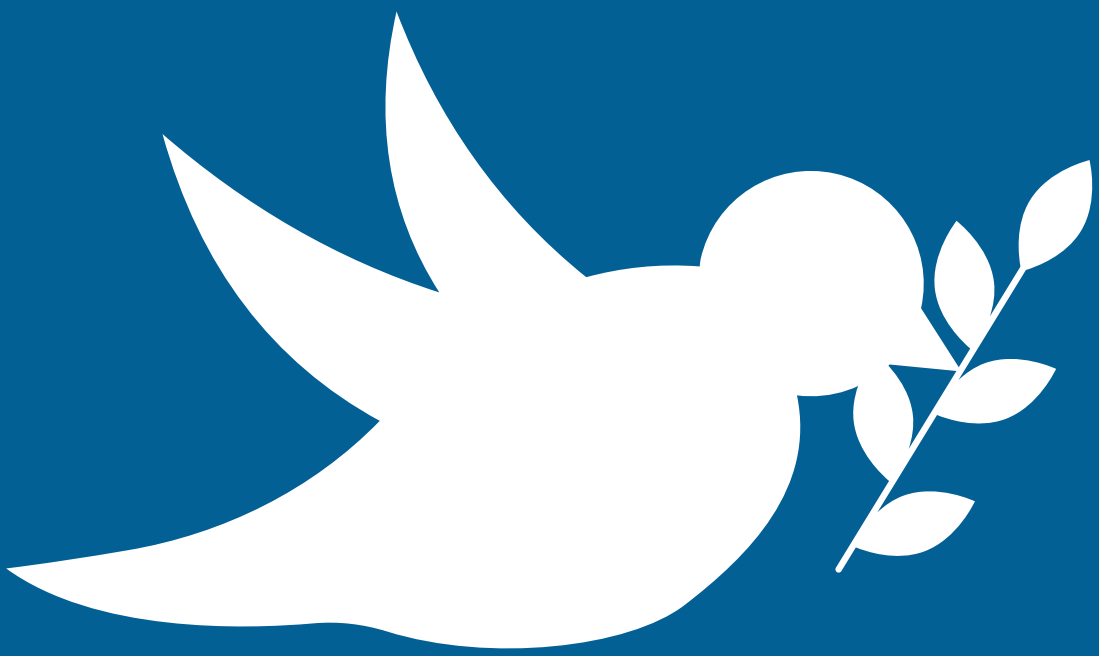
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16 PEACE, JUSTICE AND STRONG INSTITUTIONS





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SUSTAINABLE DEVELOPMENT GOAL 16

TARGETS

- ✓ **16.1: Reduce violence everywhere**
- ✓ **16.2: Protect children from abuse, exploitation, trafficking and violence**
- ✓ **16.3: Promote the rule of law and ensure equal access to justice**
- ✓ **16.4: Combat organized crime and illicit financial and arms flows**
- ✓ **16.5: Substantially reduce corruption and bribery**
- ✓ **16.6: Develop effective, accountable, and transparent institutions**
- ✓ **16.7: Ensure responsive, inclusive and representative decision-making**
- ✓ **16.8: Strengthen the participation in global governance**
- ✓ **16.9: Provide universal legal identity**
- ✓ **16.10: Ensure public access to information and protect fundamental freedoms**
- ✓ **16.a: Strengthen national institutions to prevent violence and combat crime and terrorism**
- ✓ **16.b: Promote and enforce non-discriminatory laws and policies**

INTRODUCTION

SDG 16 focuses on improving people's lives by reducing all forms of violence, facilitating access to justice, and promoting effective, accountable, and inclusive institutions. Strong, transparent, and accountable institutions are essential for sustainable development and are critical for governments to provide services to their citizens. Strengthened institutions, the rule of law, and enforcement contribute to supporting the implementation of multilateral environmental agreements and progress towards internationally agreed-upon global environmental goals. Understanding the links between the environment and human security is essential for effective conflict prevention, post-conflict reconstruction, and the promotion of peaceful and inclusive societies. Ensuring justice for all is of utmost importance to building strong nations.

Our efforts in a glance



Committees involved in maintaining peace, providing justice, preventing violence, protecting from abuse, involving all the stakeholders to ensure responsive, inclusive, and representative decision-making.

Internal Complaints Committee on Sexual Harassment

An open forum to discuss the challenges and expectations about gender inequality, gender-based violence and the insecurity faced by women in particular, in the college campus.

Objectives

Prevent discrimination and sexual harassment against women by promoting gender equality among students and employees

Make recommendations to the Chairperson for changes in the rules for students in the prospectus and the bye-laws, to make them gender-just and to lay down procedures for the prohibition, resolution, settlement, and prosecution of acts of discrimination and sexual harassment against women, by the students and the employees.

Deal with cases of discrimination and sexual harassment against women, in a time bound manner aiming at ensuring support services to the victim and termination of the harassment. Recommend appropriate punitive action against the guilty party.

Student's Grievance Redressal Cell

The Students Grievance Redressal Cell of JSS Medical College, **enables students who are aggrieved** with respect to facilities / amenities in the campus, academic / teaching learning process, evaluation process, interpersonal issues related to student- teacher / student-student / student – administration or office or support staff **to communicate using structured format available on JSS AHER Website.**

Student Council

The student council is constituted to give students an **opportunity to develop leadership** by organizing and carrying out college activities and service projects and also to promote planning events that contribute to college spirit and community welfare.

Anti -ragging committee

As per the University Grants Commission Regulations in **curbing the menace of ragging** in Higher Educational Institutions, 2009 communicated vide letter No. F.1-16/2007 (CPP-II) dated 17th June, 2009 an Anti ragging Committee has been constituted.

Child Abuse Response Unit

The Child Abuse Response Unit was officially launched at JSS Hospital in November 2016.

The objective of this unit is to provide care in a manner that complies with regulations and ensure safety of the child who is suspected or is reported to have been a victim of Child abuse.

Various departments like Paediatrics, Obstetrics and Gynaecology, Psychiatry, Forensic Medicine, Emergency medicine and nursing team are the part of this initiative who join forces following a single alert. A multi-disciplinary team is sensitive to the different problems and the whole process is kept confidential. Those patients who require such care, are immediately shifted to a private room and a neutral environment is created and one screening is conducted and forensic samples are collected. No multiple examinations are done thus minimizing the trauma to the patient. All the team members are trained in counselling, treatment, and well versed with legal aspects pertaining to such cases.

Institutional ethics committee

Institutional Ethics Committee (IEC) at JSS Medical College was initiated in 1993. The Principal JSS Medical College, Dr H Basavanagowdappa is the Authority under whom the Ethics committee is established and is functioning. The research involving human participants are reviewed by the Ethics Committee to keep the research within the ethical framework and standards. IEC upholds the task of reviewing the scientific, ethical, medical and social aspects of research proposals received by it in an objective, timely and independent manner by attending meetings, participation in discussion and deliberations. The IEC serves to protect the rights, safety and well-being of the research participants. The institution has provided adequate infrastructure, staff, space, funds, required support and protected time for the member secretary which has helped in the smooth and independent functioning of the Ethics committee. IEC, JSSMC is involved in ethical review and approval of both the academic and regulatory clinical research proposals and functions as per the SOPs framed following the national ethical and Good Clinical Practice (GCP) guidelines. Since its inception, the IEC, JSSMC is consistently and progressively performing better year by year. This has been reflected by the good track record with the timely regulatory registrations and quality accreditations.

IEC, JSSMC was registered with Regulatory agency, CDSCO (Central Drugs Standard Control Organisation) in 2013. From then the IEC has been timely re-registered every 3 years i.e., 2016, 2019, and June 2022 by fulfilling all the regulatory requirements of CDSCO. Our present CDSCO registration is valid for 5 years from 2022- 2027. Also, our Ethics Committee is Provisional registered with the National Ethics Committee Registry for Biomedical and Health Research (NECRBHR), Department of Health Research (DHR) in May 2022 for the approval of Biomedical and Health Research.

NABH Quality Accreditation of IEC, JSSMC: - Our IEC has fulfilled all the Quality requirements of NABH by undergoing NABH Accreditation inspection and received the Accreditation in April 2018, Surveillance inspection in September 2020 and Re Accreditation inspection in March 2021. NABH assessment was conducted on 22-23 June 2024 for its Re accreditation.

Presently, Our IEC, JSSMC is monitoring around 35 approved ongoing clinical trials and any Serious Adverse Events (SAEs) occurring in the clinical trial will be assessed and intimated to the CDSCO through an online portal within the specified time duration. The academic projects of the students of different courses and faculty from various colleges under JSS AHER along with the projects from other JSS institutes as well as external projects from other institutes which have an MoU with our institute are reviewed and approved by the committee.

IEC, JSSMC is a multi-disciplinary and multi-sectoral team of 13 members with adequate representation of age and gender and balance between medical and non-medical as well as affiliated and non-affiliated members.

Dr.M.Srinivasa, Senior consultant, Kamakshi Hospital, Mysore is the Chairman of the IEC.

Dr. C. Prathima, Associate Professor of Pharmacology is the Member secretary (Regulatory trials) of IEC, JSSMC. Dr Shiva Prakash, Associate Prof of Anatomy is the Member secretary (Academic studies) of IEC, JSSMC. Dr Pratibha Pereira Professor and Head, Dept of Geriatrics, JSS Medical College & Hospital and Dr. Srinath K.M, Professor, Dept of General Medicine, JSS Medical College & Hospital are the clinician members.

Dr. Kalabharathi H. L, Professor of Pharmacology, JSSMC and Dr. Smitha Rani Assistant Professor of Forensic Medicine, JSSMC are the Basic Medical Scientists.

Smt. Sudha Phaneesh Secretary, Samarpana Trust, J.P. Nagar, Mysuru and Smt.H.S. Sandhya, Treasurer of Inner wheel club of Mysore Mid town are serving as Social Scientists.

Sri. R.S. Nagaraj, Secretary, Shree Vanamali Charitable trust, Mysore and Dr. Sathyanarayana Mamatha, Assistant. Professor, Dept of Hindi, De Paul Degree College, Mysore are serving as laypersons.

Mr. Palaksha and Mr. Nithin HN are the legal experts.

Dr. Sri Harsha Chalasani , Assistant Professor, Dept of Pharmacy Practice, JSS College of Pharmacy, Mysore is the Scientific member.

Mrs. Esther Sushmitha, M Pharm is serving as the coordinator of the committee. There are also 3 supporting staff members to ensure the smooth functioning of the committee.

Every member of the committee has been competent and has contributed to the effective conduct of all IEC activities with adequate institutional support.







NABH Accreditation process of Institutional Ethics Committee, JSS Medical College (IEC, JSS MC) held on June 22-23, 2024.



The Institutional Ethics Committee, JSS Medical College (IEC, JSS MC) Members with the supporting staff members.

Student Support Centre



To offer practical and constructive support to students in adjusting to a new environment as well as social or personal challenges that are specific to their age group and circumstances.

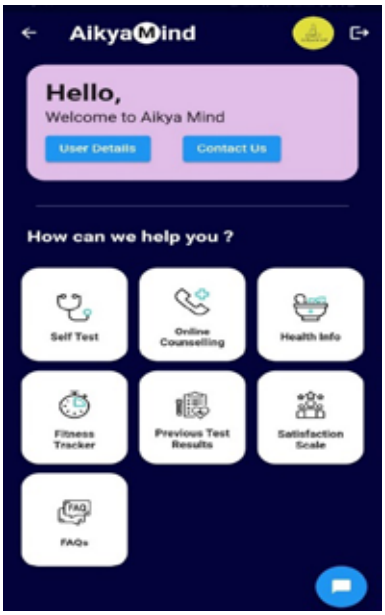
- To spread awareness about ways to cope with academic pressures that often lead to mental health difficulties, and to assist students with the academic concerns that emerge from dealing with any short or long-term health condition.
- To treat mental and physical disabilities as not merely a pathological problem but as a more complex situation that requires the care of specialists who offer constant support through long periods of treatment and recovery.
- To help combat the general social taboos associated with anxieties and depression on campus, and to foster a positive outlook among students.
- Support services for social, cultural, and ethnic taboos among students and staff
- To establish the University campus as a student-friendly safe space that is sensitive to physical and mental disabilities.

Link: JSS Academy of Higher Education & Research | Student Support Center | Home (jssuni.edu.in)

Activities conducted by the Student support centre

AikyaMind - One-Stop Shop For Managing Your Mental Health.

AikyaMind, the app developed by Dept of Community Medicine & Clinical Psychology, JSS Medical College, JSS Academy of Higher Education and Research, Mysuru is now live on the Google Play store. It's one-stop shop for managing your mental health. Our revolutionary app offers a range of features, including a self-diagnosis tool, online counselling, education materials, and a meditation tracker.

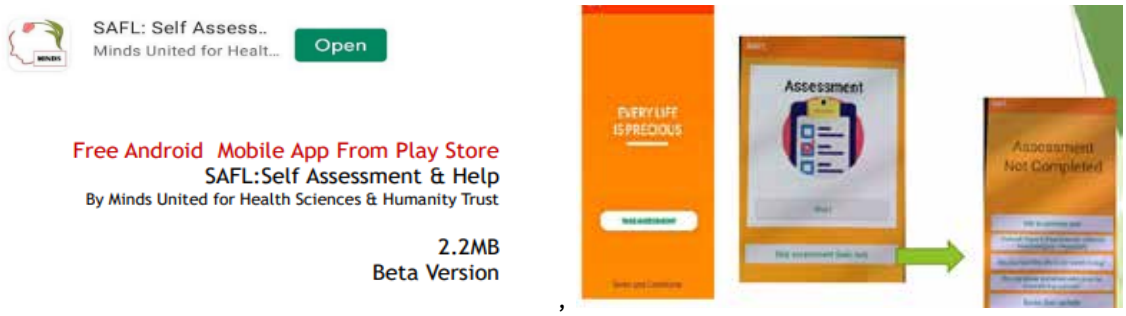






SAFL- Self Assessment for Life: Utility of An App for Suicide Prevention & Education

Psychiatry Team (Faculty & PGs), Doctors, Public Representatives and Software Development Team discussed and followed WHO Suicide Risk Assessment Guidelines, Mental Health Care Bill 2017 components to develop the App. Help Lines were used in the development of the App. Funds from National Conference on Combating Depression 2018, JSSMC, JSSAHER and funding from Minds United for Health Sciences & Humanity Trust, Mysuru were used for developing this Application which can be used for confidential risk assessment and access to help services in Suicide Prevention.



Policies to ensure inclusive environment to all

JSSAHER has instituted policies to ensure equal opportunities and a supportive environment for all irrespective of race, colour, ethnicity, nationality, religion, caste, gender identity, sexual orientation, disability, age, socio-economic background, or any other characteristic. The institution firmly believes in treating everyone with dignity, respect, and fairness, promoting an atmosphere free from discrimination, harassment, or prejudice. The institution values integrity, honesty, and fairness, and strives to integrate these values into its teaching, research, and outreach activities. Through its policies the institution reinforces the principle that each one belonging to the organization has a responsibility to help ensure that the it performs and pursues its mission in a legal and highly ethical manner.

- Equality- Diversity and Inclusion Policy
- Non-Discrimination against LGBT Policy
- Non-Discrimination against Women Policy
- Policy on Prevention of Discrimination in the Workplace
- Code of Conduct policy
- Academic integrity policy

Safe and Secure Campus

JSS Medical college has ensured safety within the campus by appointing adequate number of security personnel, well-lit pathways and installing CCTV surveillance cameras throughout the campus. There Security personnel are involved in ensuring authorization of people entering the campus, inspecting the campus regularly, patrolling, reporting suspicious activity. They also provide guidance to navigate through the campus. After 5 pm some staff are deputed to patrol in civil dress for enhanced security and monitoring. The personnel are trained weekly by the authorised experts to ensure safe campus.





Staff Welfare Schemes

JSS Medical College, constituent college of JSS Academy of Higher Education & Research (JSS AHER) recognizes the importance of its faculty and staff and offers a comprehensive Staff Welfare Schemes to support their well-being. These schemes provide financial security, healthcare benefits, and other forms of assistance. Here's a breakdown of some key components:



Social Security Schemes

- ESIC (Employee's State Insurance Corporation): Provides medical benefits to employees and their dependents in case of sickness, maternity, and injury.
- GSLI (Group Life Insurance Scheme): Provides financial security to the employee's family in case of death while in service.

Leave Policies

- Maternity Leave: Provides employees with paid leave for childbirth and childcare.
- Special casual leave: to attend conference & examination purposes

Health Insurance

- Mediclaim: Provides financial assistance for hospitalization expenses incurred by the employee and their dependents.

Educational Benefits

- PhD'Fee Waiver: JSS AHER offer full or partial waiver of tuition fees for faculty members pursuing PhD studies.

Retirement Benefits

- Provident Fund: A savings scheme where both employee and employer contribute towards the employee's retirement corpus.
- Gratuity: A one-time payment made to an employee upon retirement, resignation, or death after a certain period of service.

Financial Assistance

- Treatment Fee Waiver: JSS AHER offer financial assistance to employees facing high medical treatment costs for themselves or their dependents.
- Financial assistance for the staff to attend conferences.

JSS Medical College's comprehensive Staff Welfare Schemes demonstrates its commitment to provide a supportive and secure work environment for its faculty and staff. This fosters a sense of wellbeing and loyalty, potentially leading to increased employee satisfaction and retention.

Performance Based Appraisal system

JSS Medical College follows Performance Appraisal Policy which sets forth the framework for evaluating and enhancing faculty and staff performance at the institute. The policy is a testament to our unwavering commitment to excellence, accountability, and continual growth, as reflected in our esteemed rankings and accreditations.

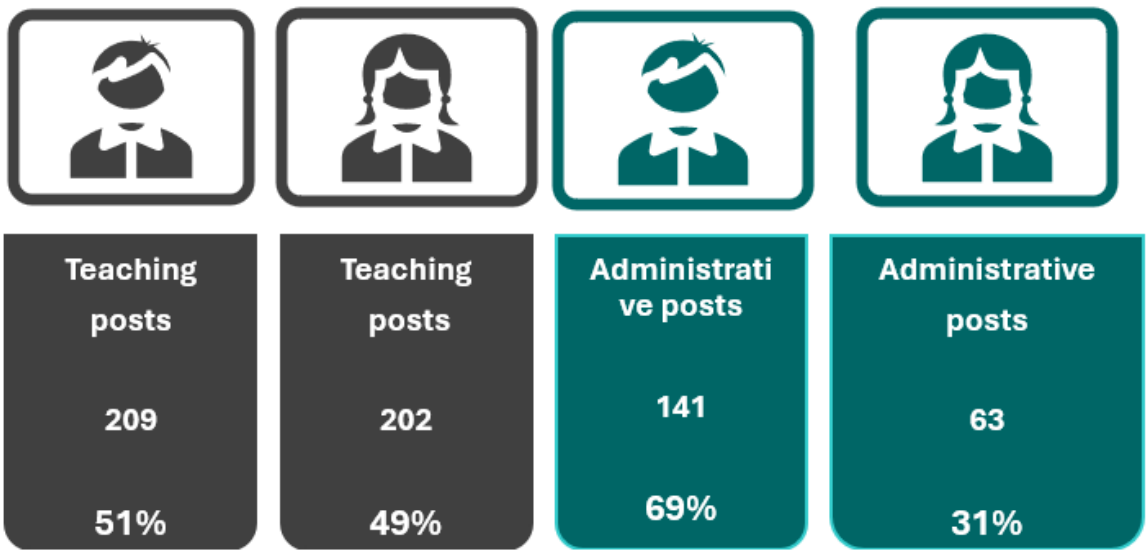
Policy Statement

At JSS Medical College, Mysuru, we firmly believe that regular performance appraisals are indispensable for individual and organizational development. This policy is meticulously

designed to:

- ❖ Ensure impartial, transparent, and uniform performance assessments.
- ❖ Acknowledge and reward exceptional contributions.
- ❖ Identify areas for improvement and provide dedicated support for professional
- ❖ growth.
- ❖ Align individual objectives with the university's mission and goals.
- ❖ Cultivate a culture of ceaseless learning and development

Adequate representation of women in teaching and administrative posts



Empowerment of women with leadership positions in academic and administrative domains for inclusive and representative decision-making

 **Dr. M N Suma** Vice Principal (Pre-Clinical) Dean and Director of Biomedical Sciences	 **Dr. Pratibha Pereira** Professor and Head Department of Geriatrics	 **Dr. Vidya CS** Professor and Head Department of Anatomy Member Secretary of ICC	 **Dr. Rjalakshmi R** Professor and Head Department of Physiology
 **Dr. Sheeladevi CS** Professor and Head Department of Pathology	 **Dr. Archana KN** Professor and Head Department of Anaesthesiology	 **Dr. Tejashree A** Professor and Head Department of Microbiology	 **Dr. Mamatha S** Professor and Head Department of OBG
 **Dr. Brinda Basavaraju** Professor & Head of Emergency Medicine	 **Dr. Bharathi M B** Professor & Head of ENT President Association Otolaryngologists of India	 **Dr. Akila Prashanth** Professor & Head of Biochemistry Genetic lab in charge	 **Dr. Archana** Assistant Professor of Anaesthesia Skill lab in charge

 **Dr. Renuka M** Professor of Community Medicine Deputy Controller of Examinations	 **Dr. Madhu B** Professor of Community Medicine Deputy Director Research, JSSAHER	 **Dr. Sumana M N** Professor of Microbiology In charge of COVID19 Testing centre and NABL	 **Dr Deepa Bhat** Professor of Anatomy Genetic Counsellor
 **Dr.Prathima C** Associate Professor of Pharmacology Member secretary Institutional ethics committee	 **Dr Nayanbai Shabadi** Student Welfare Officer Assistant Professor, Department of Community Medicine JSS Medical College	 **Dr.Pushpa.N.B** Assocaite Professor of Anatomy Member secretary Literary & Magazine committee	 **Dr. Vijaya Vageesh** Assiosciate Professor of Physiology IQAC member & AHS Co ordinator
 **Dr. Kalabharathi H L** Professor of Pharmacology Chairman Cultural committee	 **Dr. Smitha MC** Associate professor of Community Medicine Member secretary, International student cell	 **Dr. Amoghashree** Assisstant professor of Community Medicine Joint secretary, Academic Society	 **Dr. Shobha CR** Assisstant professor of Biochemistry Joint secretary, Academic Society

 **Mrs. Shipla P** Assistant administrative officer	 **Mrs. S.C. Shobha** Librarian	 **Dr.Vinutha SP** MSc Co ordinator	

Activities supporting the cause

FORENSIC FAIR – 07-12-2023

The Forensic Fair-2023 is a pivotal initiative hosted by Department of Forensic Medicine and Toxicology at JSS Medical College Campus in Mysuru, to elevate public consciousness about crime and its investigation.

Forensic Fair-2023 was inaugurated by Sri. Ramesh Banoth IPS, Commissioner of Police, on 7th December 2023 at 10.15 AM. Dr. Manjunatha. B, Registrar, JSS Academy of Higher Education and Research, Dr. H. Basavana Gowdappa, Principal, JSS Medical College and Mr.S.R. Satish Chandra, Administrative Officer, JSS Medical College were Guests of Honour.

The fair marked a concerted effort by the Department of Forensic Medicine and Toxicology collaborating with institutions such as Karnataka Police Academy, CEN Police Station Mysuru, Department of Clinical Pharmacy, JSS Pharmacy College, Department of Nutrition and Dietetics, JSSAHER, JSS Institute of Speech and Hearing, Department of Forensic Odontology, JSS Dental College and Snake Shyam.



Nine stalls contributed to distinct facets of forensic awareness:

1. **Karnataka Police Academy**: This stall educated the visitors on various firearms, including pistols, revolvers, and rifles, fostering an understanding of weapon types.
2. **CEN Police Station**: This stall raised awareness about Cyber Crime, enlightening the public on the evolving landscape of digital threats.
3. **Department of Clinical Pharmacy:** Providing valuable information on poisoning precautions, this stall also offered a toll-free assistance number, enhancing public access to guidance in poisoning situations.
4. **Department of Forensic Medicine and Toxicology:** Through two stalls the department conducted live demonstrations to the visitors on latent fingerprint testing, "TRAP CASE" scenarios, and crime scene management, demystifying the investigative process.
5. **Snake Shyam:** Offering a video demonstration on snakes and imparting first aid information for snake poisoning, this stall played a crucial role in enhancing public safety awareness.
6. **Department of Nutrition and Dietetics**: This stall conducted simple tests to highlight food adulteration, contributing to public awareness about the risks associated with compromised food products.
7. **JSS Institute of Speech and Hearing:** Through demonstrations, this stall elucidates speaker identification techniques in crime detection, showcasing the role of forensic acoustics.
8. **Department of Forensic Odontology, JSS Dental College**: Provided an overview of the role of dental evidence in crime investigation, this stall emphasized the significance of dental forensics.

The fair was attended by approximately 5000 students, teachers, and the public, which served as a dynamic platform to dispel myths surrounding crime investigation and Forensics. It underscored the paramount importance of fostering awareness in crime prevention, contributing to a more informed and vigilant society.

Conference

19th Annual National Conference of Indian Association for Geriatric Mental Health (GERON 2023) - 23.09.2023-24.09.2023

With the blessings of His Holiness Mahaswamiji, Department of Psychiatry, Department of Clinical Psychology, Department of Geriatrics JSSMC & JSSH & JSSAHER along with the Indian Association for Geriatric Mental Health conducted the Indian Association for Geriatric Mental Health 19th Annual National Conference- GERON 2023 from 23rd September 2023 to 24th September 2023 at Jss Medical college and Hospital, Mysuru. The theme for the conference was Relationship and Caregiving in Elderly. The conference was attended by around 150 health professionals from all over India. Justice N Kumar former judge of Karnataka High court was the chief guest for the conference, he has been also serving as the mentor for the Karnataka State Mental Health Authority. The program was inaugurated by Dr Manjunatha, Registrar, JSS AHER and Dr Basavana Gowdappa H, Principal, JSS Medical college Mysuru. The program was presided over by Dr Gautam Saha, President of IAGMH



The inauguration was followed by the book release of two books titled Relationship and Caregiving in elderly (Authors: Dr T S Sathyanarayana Rao, Dr Shivananda Manohar J, Dr Suman S Rao & Dr Vikram G) by Dr Alka A Subramanyam President- Elect, IAGMH and another book titled Ageless Reverie (Authors: Dr T S Sathyanarayana Rao, Dr Rajshekar Brahmbhatt, Dr Suman S Rao & Dr Vikram G) by Dr S C Tiwari, Founder President, IAGMH. The two days conference started with the Presidential Address on Indian Families Contribution to Geriatric Care by Dr Gautam Saha. Followed by the issue of the most Prestigious awards which includes Prof. Shiv Gautam oration award and IAGMH Annual award.

World renowned specialist in the field were resource persons for the various sessions conducted including Dr Alka Subramanyam, Dr Sandeep Grover, Dr Sheeba Ninan, Dr Niska sinha, Dr Tophan Pati, Dr Kishor M, Dr Shivanand Manohar J, Dr Tejaswini, Dr Pradeep Kumar. The first day was concluded with the General body meeting of IAGMH. The second day of the conference started with the free papers presentation by various Postgraduates across India. The second day also had various sessions conducted by renowned resource persons including Dr S C Tiwari, Dr K S Shaji, Dr Shiv Gautam, Dr Abdul Majid, Dr Vijay Harbishettar, Dr Indira Sharma, Dr Chittaranjan Andrade, Dr G Prasad Rai, Dr Kumawat S R. The Young Psychiatrist Fellowship award 2023 was presented to Dr Chandrima Naskar (AIIMS, Kalyani), Dr Tajamul Hussain (Government Medical College, Baramulla, J&K) and Dr Raj Laxmi (PGIMER, Chandigarh) . The future direction of the committee was discussed and the conference was concluded.

Club Activities

Forensics Club: Oculis Iuris- Debate Competition – 16-03-2024

The Forensic Club Oculis Iuris of JSS Medical College successfully conducted a highly engaging and thought-provoking debate competition on March 16, 2024. The event centred around the overarching theme, “Revolutionizing Rights: Is 18 the New Age of Authority or a Dangerous Gamble?” The competition brought together students to deliberate on pressing issues related to rights and responsibilities, particularly focusing on the age of 18 as a threshold for various privileges and obligations.

The debate held in the Medical Education Unit was adjudicated by esteemed faculty members, including Dr. Arun, Professor of Forensic Medicine and Toxicology (FMT), Mr. Jagdish, and with the invaluable guidance of Dr. Chandrakant, Head of Department (HOD) for FMT, and Dr. Smitha. Their expertise ensured fair evaluation and insightful feedback for the participants.

The winners of the competition were Mr. Ankit Aggarwal and Mr. Dhrish Vasa, who also earned the Best Speaker Prize with his exceptional rhetorical skills and compelling arguments. Mr. Adnan Ibrahim and Mr. Allen Abraham showcased commendable debating prowess and secured the position of runners-up.

The competition covered a wide array of prevalent and critical topics that hold significant relevance in the

lives of young adults. These included discussions on issues such as obtaining a driving licence, access to social media, juvenile punishments, and voting rights. Through these deliberations, participants explored the complexities surrounding these issues and proposed innovative solutions.

The Oculis Iuris debate competition provided a platform for students to engage in meaningful discourse and develop their oratory and critical thinking skills. The event not only encouraged intellectual exchange but also fostered a deeper understanding of societal issues. The success of the competition underscores the commitment of JSS Medical College towards promoting academic excellence and holistic development among its students.

Overall, the debate competition was a resounding success, thanks to the collaborative efforts of the organizing committee, participants, judges, and faculty mentors. Such initiatives not only enrich the academic environment but also contribute to the overall growth and development of the student community.





E-Learning module on tobacco counselling – 22-01-2024

E-Learning Module on Tobacco Counselling! This interactive and comprehensive online program has been designed to equip healthcare professionals with the knowledge and skills necessary to provide effective tobacco counselling to their patients. Dr.Chandrashekar B R, MDS, PhD, FAIMER 2017 Fellow. Associate Dean (Academics), Professor, Department of Public Health Dentistry, JSS Dental College and Hospital, JSS Academy of Higher Education and Research, Mysuru enumerated the reasons for tobacco initiation and dependence, Factors related abuse liability and tobacco industry tactics to promote abuse liability of product and how to Motivating young children's not to experiment the tobacco.

Important points

- Abuse liability and tobacco industry tactics
- Abuse liability: manipulation of dependence potential and attractiveness that can contribute to harm directly
- Making attractive cigarette's for young children's
- Tobacco pack surveillance; Tobacco pack surveillance refers to the systematic and ongoing monitoring of tobacco product packaging for various purposes, including compliance with regulations, public health research, and policy evaluation. This surveillance involves the collection, analysis, and reporting of information related to the packaging and labelling of tobacco products. Here's an overview of the key aspects of tobacco pack surveillance.
- Nicotine stimulate nicotine has stimulant effects, tobacco use and nicotine addiction are associated with numerous health risks, including cardiovascular diseases, respiratory problems, and an increased risk of various cancers. Quitting smoking or using nicotine replacement therapies under medical guidance is recommended for those looking to break the cycle of nicotine dependence.

- Tobacco use prevalence
- Tobacco industries
- Narcotic effects of nicotine
- Autopsy studies 400% increase in nicotine receptors among smokers compared to non- smokers
- Ammonia technology is the key to competing smoke quality with (Philip mirror) world wide





Alumni engagement

Alumni Talk: Dr. Rufia Shaistha Khanum

"Breaking Barriers: A Woman's Public Health Journey in Hard-to-Reach Areas" 06-02-2024

The School of Public Health, JSS MC, JSS AHER conducted an enlightening online alumni talk on 6th February 2024, featuring Dr. Rufia Shaista Khanum, a distinguished alumnus from the 2019-21 batch. Dr. Khanum, who currently holds the position of State Public Health Coordinator-Surveillance at PATH in Madhya Pradesh, shared her invaluable experiences and insights with 30 participants.



The session was initiated by Dr. Anil S Bilimale (Chief MPH Coordinator), who briefed everyone about the purpose of the talk and the opportunities that lay ahead. Following this, Dr. Sreena T V (Assistant professor, School of Public Health) introduced Dr. Rufia Shaista Khanum to the participants. The session shed light on Dr. Khanum's challenging journey as a Rapid Response Team (RRT) consultant with the World Health Organization (WHO), particularly in the hard-to-reach areas of Nagaland and West Bengal. The primary aim of the session was to provide insights into Dr. Khanum's journey as an RRT consultant, the challenges she faced, and her experiences of working in hard-to-reach areas. The session was designed to familiarize students with the roles and responsibilities associated with the RRT Consultant position, as well as the skills required to excel in this role. This initiative aimed to prepare students for potential career opportunities in public health and enhance their understanding of the field. Dr. Khanum provided valuable insights into the pros and cons of working in RRT jobs, which demand high motivation and skill. She encouraged students to take chances, apply themselves, and remain resilient in the face of challenges. Her transparent discussion of the roles and responsibilities of a public health professional inspired many students and provided clarity on career paths in the field. Dr. Khanum shared further insights into her experiences after WHO and the struggles of transitioning to new positions. She underscored the importance of goal-setting, planning, and maintaining focus on career objectives.

The event concluded with an interactive Q&A session, where students from the School of Public Health had the opportunity to raise their queries. Dr. Khanum addressed these questions, thereby further enriching the

participants' understanding of various career paths in public health.

Dr. Rufia Shaistha Khanum, a distinguished alumna of MPH 2019-21 batch. Dr. Rufia is a dedicated and enthusiastic public health professional who has made significant contributions in various hard-to-reach areas of India during her tenure with the World Health Organization's Rapid Response Team. She completed her internship at the esteemed **ICMR National Centre for Disease Informatics and Research.** After graduating from our School of Public Health, she was selected as a Rapid Response Team Consultant at WHO, where she served for approximately a year.

During her time with the RRT, Dr. Khanum had the opportunity to serve underserved communities. She worked in challenging rural areas of India, such as Phek, Peren, and Kiphire in Nagaland, and Murshidabad in West Bengal. These are places where many women candidates often hesitate to go. Currently, Dr.Rufia is overseeing statewide surveillance with PATH in Madhya Pradesh.

Dr. Rufia Khanum, detailed her roles and responsibilities as a WHO-RRT officer and described the unique challenges encountered in rural areas of Nagaland and West Bengal. These included food, cultural competence, adaptability, language, and geographical barriers, as well as the lack of basic necessities due to terrain. She explained her journey of breaking these barriers and developing skills. She emphasized the importance of community engagement, collaboration with local stakeholders, planning, and organizing in overcoming these challenges and implementing effective public health interventions. During this time, students inquired about the challenges related to accommodation and sought advice on how to apply as a non-medical professional. They were keen to understand the practical application of theoretical knowledge in the field. The attendees also expressed interest in Dr. Rufia's personal experiences that kept her motivated to perform her job with unwavering dedication each day. They were curious about the advantages of working at the WHO.

Interactive Session

Interactive session between IAS officer K Chadramouli with the School of Public Health, Community medicine and Nutrition Department, JSS AHER – 13-03-2024



The School of Public Health, organized an interactive session on the past, present and future of Health care and its progress and developments in the recent years. It was organized in collaboration with Department of Community Medicine and Nutrition where various PhD scholars, graduates and professors who actively participated in discussions and interactions with the Guest of Honor, Shree K Chandramouli.

The session aimed to enlighten the participants on the importance and benefits of the Public Health field and Nutrition in the current scenario. It was conducted at the School of Public Health Auditorium at the JSS AHER building, MG road.

The Chief Guest, IAS Officer Shree. K Chandramouli spoke about various topics under healthcare, its management, resources needed, anticipating healthcare problems and creating solutions for the same. He addressed many questions and doubts regarding the working and collaboration of healthcare professionals in various sectors. Aspects related to policy making and how they influence major decisions were also discussed.

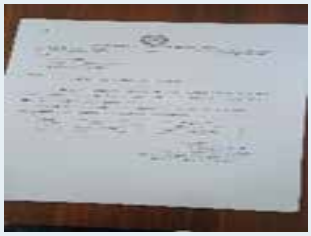
The participants of the lecture included faculties, PhD Scholars, and PG students from School of Public Health, Department of Nutrition of Dietetics and MD Community Medicine PGs from JSS Medical College.

Guest Lectures by the Faculty

Name of the faculty	Title	Date & Venue	Certificate / Photos
Dr. Arun M Department of Forensic Medicine	Criminology and Law: A Medical Interface	20-07-2023 Adichuchanagiri Institute of Medical sciences, B.G.Nagar, Mandya	
Mr. Sudeep P K Department of Clinical Psychology	Anti-Ragging	12-08-2023 JSS Dental College and Hospital	
Dr. Chandrakanth H V Department of Forensic Medicine	Fundamentals of Forensic Medicine	21-08-2023 Dept of Life Science, University of Calicut, Kerala Police Academy, Thrissur	
Dr. G B Aravind Department of Forensic Medicine	Application of AI in Forensic Science	21-08-2023 Dept of Life Science, University of Calicut, Kerala Police Academy, Thrissur	
Dr. Pradeep Kumar P C Department of Psychiatry	Teen Suicide:- Signs and Prevention	15-09-2023 St Philomena's College, Mysuru	
Mr. Rithvik S Kashyap Department of Clinical Psychology	Suicide Awareness Programme among children	15-09-2023 Pailwan Basavayya Govt Higher primary School, Jayanagar, Mysuru	
Dr. M Kishor Department of Psychiatry	Training police personnel in Suicide Prevention as part of World Suicide Prevention Day 2023	16-09-2023 District Police of Mandya , Mandya	

Dr. G B Aravind Department of Forensic Medicine	Concepts and Career Opportunities in Forensic Science	22.09.2023 Division of Physical Science Karunya Deemed University, Bengaluru	
Dr. Smitha Rani Associate Professor	Opportunities beyond curriculum	13-10-2023 JSS Medical College, Mysuru	
Dr. Manoj K Pandey Department of Clinical Psychology	Was invited to conduct one day workshop on mental health awareness and stress management as a part of the Induction Program for the new batch 2023-24	21-10-2023 JSS Law College, Mysuru	
Mr. Rithvik S Kashyap Department of Clinical Psychology	Behavioural Health Training & Stress Management for Police Personnel	30-10-2023 Police Training School, Shakti Nagar, Mysuru	
Mrs. Trishala. D	Stress Management in Nursing students	21-11-2023 JSS Nursing college, Chamrajnagar	
Mr. Rithvik S Kashyap Department of Clinical Psychology	Stress Management & Social media and Internet addiction management for Police personnel	22-11-2023 Police Training School, Shakti Nagar, Mysuru	
Dr.Shivananda Manohar.J, Dr.Pradeep Kumar.P.C Department of Psychiatry	Special Lecture Series – Stress and Resilience	25-11-2023 Manasagangothri, Mysuru	

Dr. Pradeep Kumar P C Department of Psychiatry	Special Lecture Series – " Mental Wellbeing Managing Academics."	25-11-2023 Manasagangothri, Mysuru	
Dr. Arun M Department of Forensic Medicine	Medico Legal aspects and role of Forensic Expert in Reproductive Medicine	02-12-2023	
Dr. Arun M Department of Forensic Medicine	Medical Jurisprudence and Toxicology	11-12-2023 Maharani Women College, Mysuru	
Dr. G B Aravind Department of Forensic Medicine	Technology in Dealing with Prison Emergencies	12-02-2024 to 16-02-2024 Prison staff training Institute, Department of Prisons and correctional Service , Mysuru	
Dr. Smitha Rani Department of Forensic Medicine	Objectives of Medico legal Investigation	20-02-2024 National Forensic Science University	
Dr. G B Aravind Department of Forensic Medicine	Prison Security and technology in dealing with Prison Emergencies	26-02-2024 to 28-02-2024 Prison staff training Institute, Department of Prisons and correctional Service, Mysuru	
Dr. G B Aravind Department of Forensic Medicine	Prison Security and technology in dealing with Prison Emergencies	04-03-2024 to 06-03-2024 Prison staff training Institute, Department of Prisons and correctional Service, Mysuru	

Dr. G B Aravind Department of Forensic Medicine	Prison Security and technology in dealing with Prison Emergencies	11-03-2024 to 13-03-2024 Prison staff training Institute, Department of Prisons and correctional Service, Mysuru	
Dr. Smitha Rani Department of Forensic Medicine	Forensic Medicine	12-04-2024 Police Training School, Mysuru	
Dr. Smitha Rani Department of Forensic Medicine	Forensic Medicine	20-05-2024 Police Training School, Mysuru	
Dr. Smitha Rani Department of Forensic Medicine	Forensic Aspects in Crime Associated with Severe Mental Illness	24-05-2024 JSS Medical College, Mysuru	
Dr.Pradeep Kumar P.C. Department of Psychiatry	Delivered a talk on emerging trends in medical and psychiatric social work	12-06-2024 Mysuru	

Commemorative Days celebrated

World Suicide Prevention Day - 11.09.2023

Department of Psychiatry in collaboration with Department of Community Medicine observed World "Suicide Prevention Day-2023" on 11/09/2023 at JSS Medical College.

The event was graced by Dr Praveen Kulkarni, Vice Principal (Para Clinical), JSS Medical College, Dr Kishore, Prof and Head, Department of Psychiatry, JSS Medical College, Dr Sunil Kumar D, Prof and Head, Dept of Community Medicine, JSS Medical College, faculty, Postgraduates of Dept of Psychiatry and Community Medicine, and MBBS Phase III Part I students.



With the brief introduction on the importance of suicide prevention, world suicide prevention day, and the theme of 2023 by Dr Smitha MC, Associate Professor of Department of Community Medicine, the event began by Dr Praveen Kulkarni addressing the gathering. Dr Praveen Kulkarni encouraged the students to reach out for help whenever required and ensured that the institution is always there for their support.

This was followed by Dr Kishor sensitizing the students on the facilities available in the institution for promoting mental health and suicide prevention. He also briefed the students about the SAFL (Self-Assessment For Life) app launched in 2020 by the department of psychiatry, for detecting the risk of suicide and directing the user for appropriate help as is required.

Dr Sunil Kumar. D addressed the students on suicide prevention and the effect of suicide on family members. Dr Smitha M.C then encouraged the students to participate in several competitions organized on the account of World Suicide Prevention Day-2023 and concluded the event with the vote of thanks.

World Mental Health Day - 16.10.2023

Department of Community Medicine in collaboration with Department of Psychiatry, JSS medical college, Mysuru observed WORLD MENTAL HEALTH DAY - 2023 on 16th October 2023 at 2pm in Gallery 6.



The program began with a welcome speech by Dr. Sunil Kumar D, Professor and Head of Department of Community Medicine, JSSMC. This was followed by Dr. Praveen Kulkarni, Vice Principal, JSSMC addressing the gathering about the association of stigma with mental health, and later Dr. Kishore M, Professor and Head of department of Psychiatry, JSSMC sharing with the students, the various activities carried at institutional level for the promotion of mental health wellbeing. During the event prizes were distributed to the winners of reflective writing and short film competition held on the account of World Suicide Prevention Day-2023.

In view of the day, a panel discussion was held based on the theme “MIND, THE MIND”. The panelists for panel discussion were Dr. Arvind Raj, Additional Professor, Department of Psychiatric social work, NIMHANS, Bengaluru, and Dr. MR Seetharam, Consultant Orthopedic surgeon, SVYM, Executive Secretary, VILD foundation, Mysuru, and Managing trustee, DISHA Foundation, Mysuru. The panel discussion was moderated by Dr. Smitha MC, Associate Professor, Department of community medicine, JSSMC.

The main objective of the discussion was to sensitize the medical students on the importance of mental health both in their personal and professional life.

During the panel discussion, key aspects related to mental health like the challenges faced towards the implementation of community mental health programs, stigma and mental health, influence of social and cultural aspects on mental health, connection between body mind and soul, stress coping, role of life skills and resilience in promotion of positive mental health, suicidality, ways to overcome it, and help seeking were discussed.

This was followed by the vote of thanks by Dr.Pradeep Kumar KC, Assistant Professor, Department of Psychiatry, JSSMC.

World Maternal Mental Health Day – 08-05-2024



World Maternal Mental Health Day is celebrated every year on May First Week to raise awareness around Maternal Mental Health Conditions during Pregnancy & post childbirth.

Throughout history mothers have been revered as the pillars of strength, caregivers and nurturers. However, behind the veil of strength, Depression affects 10% of women in postpartum period, many psychiatric disorders emerge or re-occur during pregnancy and post pregnancy. This adversely affects newborns, the mother & her family. There is a need for more awareness and collaboration across specialties. Hence World Maternal mental health day was observed on 08.05.2024 by the Department of Psychiatry in collaboration with the Department of Obstetrics and Gynaecology at JSS Hospital.

The occasion was graced by JSSMC Principal Dr.H.Basavana Gowdappa who called for greater cooperation between departments. JSS Hospital Medical Superintendent Dr.C.P.Madhu emphasised low cost charges offered for Hospital Services, Vice principal Dr.Manthappa appreciated the initiative. Professor & Head, Department of Psychiatry Dr.M.Kishor pledged for more collaborative resources. Professor & Head, Department of OBG Dr.Mamatha S. emphasised continued care. Overview of Women Mental Health and Maternal Mental Health status in India was presented by Dr.Priyankha, Dr.Venkatesh, PG Residents, Dept. of Psychiatry, JSSMC.

Awareness Talk for women in perinatal period at JSS Hospital was given by Dr.Megha Sadashiv, Senior Resident, Dept. of Psychiatry, JSSMC. Dr.Shalaka Atre did the comparing and Dr.Vikrant Arora gave vote of thanks.





World No Tobacco Day – 31-05-2024

World No Tobacco Day was observed in collaboration with the Department of Psychiatry, JSS Hospital, on May 31, 2024, at 12 pm. The chief guest was Dr.C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru. Posters on the dangers of tobacco use were displayed at JSS Hospital to create awareness regarding the health hazards related to tobacco use.

Mrs. Purohit Saraswati, Assistant Professor and HOD of the Department of Mental Health Nursing, conveyed the significance of World No Tobacco Day to the public at JSS Hospital. Dr. Kishore M., Professor of Psychiatry at JSS Medical College and Hospital, Mysuru, delivered the keynote address on World No Tobacco Day. Dr. C.P. Madhu, Medical Superintendent of JSS Hospital, Mysuru, addressed the gathering regarding the importance of quitting tobacco and the associated health benefits. Prof. Aswathy Devi M.K., Principal of JSS College of Nursing, graced the program, as did Dr. Pradeep Kumar, Psychiatrist at JSS Hospital, Mysuru.

A role play was performed by II Semester BSc Nursing students under the guidance of Dr. Pradeep Kumar to create awareness regarding the effects of tobacco use among the public. Patients of JSS Hospital benefited from the program. Prizes for the winners of the poster-making competition were distributed during the event. The program concluded vote of thanks.



United Nations International Day Against Drug Abuse and Illicit Trafficking -26-06-2024

On United Nations International Day Against Drug Abuse and Illicit Trafficking on 26th June 2024 awareness Program at Dept of Psychiatry. Information Leaflets on Drugs was released by Chief Guest Dr.H.Basavana Gowdappa, Principal, JSSMC & Guest of Honour: Dr.C.P.Madhu, Medical Superintendent, JSS Hospital. Along with them Heads of Various Departments and Senior Faculty were present. The Information Leaflet e- copy is free for Circulation and each one has specific & useful information of that particular Drug including access to Free & Confidential Services are available.



Awareness Programmes

Awareness Programme to commemorate National Forensic Medicine Day- 12-05-2024

To commemorate National Forensic Medicine Day held on May 12th and World Schizophrenia Day on May 24th, an awareness program was held on Friday, May 24, 2024, from 3 to 4 PM at Medical Education Unit, JSS Medical College, Mysuru.

The program focused on the interface of Forensic Medicine and Psychiatry in cases related to schizophrenia. The event was graced by Dr.H.Basavana Gowdappa, Principal of JSS Medical College, Mysuru, who was the Chief Guest. The programme was presided over by Dr.Manjunatha B , Registrar, JSS Academy of Higher Education and Research. The opening remarks were delivered by – Dr.Chandrakanth H.V., Professor and Head, Department of Forensic Medicine & Toxicology, JSS Medical College Mysuru - Dr. Kishor M, Professor and Head , Department of Psychiatry, JSS Medical College and Hospital , Mysuru Dr Praveen Kulkarni, Vice Principal (Para-clinical) JSS Medical College, Dr.Manjunath GV , Deputy Director , JSS Hospital , Dr Arun M , Professor , Department of Forensic Medicine and Toxicology were the dignitaries who graced the occasion .

Key Topics and Speakers

1. Biological Basis of Delusions and Hallucinations in Schizophrenia- DR Murali MR

2. Forensic Aspects in Crime Associated with Severe Mental Illness- Dr Smitha Rani

Dr.Murali M.R., Senior Resident, Department of Psychiatry discussed the underlying biological mechanisms that contribute to delusions and hallucinations in patients with schizophrenia, highlighting recent research

and advances in understanding these phenomena.

Dr.Smitha Rani, Associate Professor, Department of Forensic Medicine and Toxicology addressed the forensic implications of crimes committed by individuals with severe mental illnesses, focusing on the challenges and considerations in such cases. The event provided an in-depth look at the intersection of Forensic Medicine and Psychiatry, particularly in the context of schizophrenia. The speakers shed light on both the biological underpinnings of the disorder and the forensic challenges associated with it.

The awareness program was well-received by attendees, fostering greater understanding and collaboration between the fields of forensic medicine and psychiatry. Dr. Atma Bevin and Dr. Saravana Prashanth, postgraduates in the Department of Forensic Medicine and Toxicology, served as the Masters of Ceremony. Dr. Sai Niveditha, also a postgraduate in the Department of Forensic Medicine and Toxicology, delivered the vote of thanks.



Awareness Programme on Substance abuse and Observation of World Ozone Day – 16-09-2023

An awareness Programme on Prevention & Management of Substance abuse was held for High School children on 16.09.2023 at Government High School, Medar's Block, Bamboo Bazaar.



Dr. Rama H.V., Lady Medical Officer, JSS Urban Health Center gave a talk on the subject through PPT. She stressed the need for creating awareness to adolescents who are easily Prone to get affected by substance abuse. She also clarified the doubts among students.

A Role play by High school Girls on the topic was appreciated by everyone. Observation of World Ozone Day also was held on 16.09.2023 Smt. Ningajamma, Science Teacher gave a PPT about importance of Ozone and bad effects caused on earth due to depletion of Ozone layer. She also gave an account of steps to Prevent further depletion of ozone layer. Smt. Pushpavathi Head Mistress Government High School Presided over the Programme. Kumari Rachana compered the Programme. Field staff Sri. Mallikarjuna swamy MSW. Sri. Santhosh H.B Health Inspector. Sri. Sunil Y.S Health assistant JSS Urban Health Centre coordinated the event.

Research Projects aligned with SDG 16

Title	Investigators	Funding agency	Fund
Acceptability and Effectiveness of Mental Healthcare Services to Adolescents among Urban and Rural Areas of Mysuru District by the use of Medical technology	Dr Sunil Kumar D Dr Haripraksh Dr Saurish Hegde	Mamta HMIC, New Delhi	1,00,000
Enhancing identification and counseling skills of medical and dental undergraduate students using customized elearning module on Tobacco counseling – An education innovation project using ADDIE framework	Dr Chandrashekhar B R Dr.Kishore.M Dr Praveen K	ICMR Extramural	17,94,560
Assessing the feasibility of practicing integrated Yoga and Transcendental Meditation to reduce perceived stress, anxiety and improve the quality of life by frontline COVID warrior women in Mysuru,	Dr. Madhu.S Mr. Sujan Dr. Srinath C G Dr. Rajesh	DST-SATYAM	5,50,000
Sexual Abuse among Nursing Students and its correlation to coping Skills and Psychiatric morbidity	Co-PI- Dr.Kishore. M	RGUHS	50,000

Activities to promote Holistic Wellbeing and Work life balance
Yoga
INTERNATIONAL YOGA DAY - 21-06-2024



International Yoga Day is commemorated every year on 21st June to raise awareness about this ancient practice and celebrate the physical and spiritual powers that yoga has brought to the world.

On 21st June 2024, International Yoga Day was celebrated with the theme of “Yoga for the Society”. Ganesh

Kumar, The President of Yoga Sports Foundation presided the **celebrations at Palace Ground, Mysore**. Thousands of people were gathered, among them around 100 students from various courses like MBBS, MSc, BSc, MPH, MD along with faculties from JSS Medical College participated in the event.

The event began at 6.40 am with Mysuru DC Dr.K.V.Rajendra highlighting the contribution of Mysuru to yoga. He also mentioned plans for another Guinness Book of World Records for the largest participation of people performing yoga during Dasara this year. Following the event The Mysuru in-charge minister H.C.Mahadevappa addressed the event by saying that yoga helps one to maintain good mental and physical health, and lead a disciplined life which in turn will help in building a healthy society. Mysore-Kodagu MP Yaduveer Krishnadatta Chamaraja Wadiyar said that Yoga Day is an opportunity to create awareness of the importance of modern yoga. MLA T S Srivatsa said there are plans to gather over a lakh people for Yoga Dasara this year. As per the Yoga Day protocol, the yoga sessions began with “Shanka Naada” at 7.27 am. Participants performed over 22 warm-up exercises and simple yoga exercises like hastapadasana, utkatasana, baddhakonsasana, shavasana, etc. The session was ended with “Pranayama” and “Dhyana” at 8.40am.

NSS UNIT JSS AHER, MYSURU
Sports Activities



Name of the Tournament Place & Date	Games	Men/Women	Result
National level Sports & Cultural Fest Organised by JSS MC, Mysuru **(Tatvam)** 12-07-2023 to 15-07-2023	Basketball Cricket Futsal Volleyball Throwball Table Tennis Badminton Badminton Chess	Men & Women Men Men Men Women Men Men Women Men & Women	Semi Finals Semi Finals Winner Winner Semi Finals Runnerup Runnerup Runnerup Both winners
National Level Inter Medical Colleges Sports Fest (Spandan 2023) organised by JIPMER Pondicherry 27-08-2023 to 04-09-2023	Chess	Men	Mr.Shet Prajwal P. Final MBBS Winner in Rapid & Blitz event.
National Level Inter Medical Colleges Sports Fest (PEGASUS 2023) organised by CMC,Vellore 11-09-2023 to 17-09-2023	Basketball Box Cricket Table Tennis Table Tennis Chess Chess Athletics	Women Men Men's (Doubles) Dr.Khaushal Mr.Arush Men (Open) Dr.Khaushal Men team Mr.Shet Prajwal P. Mr.Rushab Vivek Men (individual) Mr.Pranav Keshavamurthy Ms.Meena Iyer	Winner Winner Runnerup Runnerup Runnerup Blitz-Runnerup 1500 Mtrs Silver medal 800 Mtrs
District Level Inter Medical Sports Fest SaMMScrithi -2023 Organised by Mysuru Medical College, Mysuru 03-10-2023 to 05-10-2023	Volleyball	Men	Runnerup
Mysore City Inter Collegiate Sports Fest Organised by Teresian College & Department of Physical Education, University of Mysore, Mysore. 21-02-2024 & 22-02- 2024	Swimming	Men	Mr.Adith Smaran Olety Individual overall champion.

Mysore City Inter Collegiate Sports Fest Organised by Teresian College and MIT First Grade College, Mysore 22-02-2024 & 23-02- 2024	Table Tennis	Men	Third Place
Mysore City Inter Collegiate Sports Fest Organised by Teresian College & Department of Physical Education, University of Mysore, Mysore. 14 -02-2024 to 26-02-2024	Football	Men	Third Place
Mysore City Inter Collegiate Sports Fest Organised by Teresian College & Department of Physical Education, University of Mysore, Mysore. 22-02-2024 & 23-02- 2024	Table Tennis	Men	Third Place
Mysore City Inter Collegiate Sports Fest Organised by Teresian College & Department of Physical Education, University of Mysore, Mysore. 13-03-2024 & 14-02-2024	Basketball	Men	Winner
Mysore City Inter Collegiate Sports Fest Organised by Teresian College & Department of Physical Education, University of Mysore, Mysore. 13-03-2024 & 14-02-2024	Basketball	Women	Third Place
Mysore City Inter Collegiate Sports Fest Organised by Teresian College & Department of Physical Education, University of Mysore, Mysore. 16-03-2024	Chess	Men	Third Place
Open Rapid Chess Tournament held at Ranebennur March 2024	Chess	Men (Dr.Shet Prajwal P.)	Winner
JSS Medical College Annual Sports Meet-2024 15-04-2024 to 25-05-2024	Sports Activities	Men Individual Champion Mr.Pranav K.M. (II MBBS) Women Individual Champion Ms.Pavani- (I MBBS) Overall championship II MBBS students	Sports Meet inaugurated by Dr.M.R.Savitha Prashanth, National Basket Player (Ekalavya Awardee) Prizes distributed by Dr.Prashanth Vishwanath Dean, IQAC, JSS AHER.

CROSSOVER Sports Fest-2024 organised by SDM Dharwad 09-05-2025 to 12-05-2024	Basketball	Men & Women	III Place
SILHOUETTES & AIIMBT Sports Fest-2024 AFMC Pune 08-05-2024 to 11-05-2024	Chess	Dr.Shet Prajwal P. Internee	Obtained three gold medals and got individual champion.
SILHOUETTES & AIIMBT Sports Fest-2024 AFMC Pune 08-05-2024 to 11-05-2024	Swimming	Mr.Adith Smaran Olety (First Year MBBS student)	Obtained five gold medals and got Men individual champion.
TATVAM-2024 National Sports & Cultural Fest (More than 25 plus Medical Colleges participated in the TATVAM-2024 Sports Fest) 12-06-2024 to 16-06-2024	Organised games Basketball Table Tennis Volleyball Throwball Badminton Chess	 Women Men Men Men Women Men Men – Team game Women-Team game	 Winners Runners-up Winners Runners-up Runners-up Runners-up Winners Runners-up Overall individual champion Dr.Shet Prajwal P., Internee

MYSURU CITY INTER COLLEGIATE SWIMMING, BASKET BALL & OPEN RAPID CHESS TOURNAMENT WINNERS (FEBRUARY & MARCH 2024)













JSS MEDICAL COLLEGE ANNUAL SPORTS MEET INAUGURATION - 24.05.2024









JSS MEDICAL COLLEGE ANNUAL SPORTS MEET









PRIZES DISTRIBUTED ON 25.05.2024

Cultural Activities

TATVAM 2023:

The annual inter-collegiate cultural and sports fest of JSS Medical College, TATVAM, was organised from July 11th to 16th, 2023. This highly anticipated event, distinguished by the theme “A Royal Affair: Where History, Culture, and Grandeur Meet,” plunged attendees into the realms of Indian royalty’s dynastic past.

The success of TATVAM 2023 owes much to the esteemed individuals who championed its cause:

In a significant development, the cultural committee expanded the fest’s scope by transforming it into a national intercollegiate event, attracting over 30+ colleges from across the country. Additionally, the fest’s online offerings garnered participation from more than 40+ colleges, culminating in a diverse and engaging gathering.



Commencing on July 11th, the event was inaugurated with an esteemed gathering. Dr. B. Manjunatha, Registrar of JSS AHER, and Dr. Vishal Kumar Gupta, Director (Academics) of JSS AHER, graced the event as presiding dignitaries. Accompanying them were distinguished guests including Dr. H. Basavana Gowdappa, Principal of JSSMC; Dr. MN Suma, Vice Principal of JSSMC; and Dr. H. L. Kalabharathi, Chairperson of the Cultural Committee. The inauguration ceremony commenced with the ceremonial lighting of the lamp, followed by an invocation delivered by Srishti Dutta, a student of MBBS Phase II Part I. Subsequent to the inauguration, the college day celebrations unfolded on July 11th. The occasion treated students to a medley of experiences including captivating batch dances, an ethnic walk, and an enthralling performance by the college band, "Fremitus."

Sports Events

From July 12th to 14th, the sports events held the spotlight, featuring an array of activities such as Basketball, Futsal, Throwball, Volleyball, Table Tennis, Badminton, Cricket, and Chess.

Cultural and Literary Events

From July 14th to 16th, the campus of JSS Medical College came alive with a vibrant and dynamic atmosphere as the various clubs, including dance, music, fine arts, drama, literary, and quiz, orchestrated a captivating array of cultural and literary events. Literary enthusiasts engaged in spirited debates, enthralling poetry, and insightful discussions, while the quiz club ignited intellectual battles. The collective enthusiasm and creativity showcased during this period underscored the fest's success in fostering an environment where talent thrived, and artistic minds converged.

The fest boasted an array of captivating events including:

- **Dance Events:** Solo Dance (Classical), Solo Dance (Non-Classical), Duet Dance, Dance Face-Off, Anybody Can Dance, and Group Dance.
- **Music Events:** Solo Singing (Classical), Solo Singing (Non-Classical), Duet Singing, Instrumental, Battle of Bands, and Music Marathon.
- **Fine Arts Events:** Art-A-Thon (Art Marathon), Art Attack, Book Cover Painting, Collage Making, Tatvam Photography, and Just Reel It.
- **Literary Events:** Literary Marathon, Debate, Jam, Shipwreck, Poetry, Anime Quiz, and Potpourri.
- Drama Events: Street Play, Mono Act, Si-two-ation (Improv), Mad Ads, and Lights Camera Action.
- **Assorted Events:** Roop-E-Shringar (Fashion Show), Wizengamot, Munder at the Manor, Call of Duty (Mobile), Valorant, General Quiz, and a Teacher's Event.

Valedictory Ceremony

The festivities reached a crescendo on July 16th, 2023, with a valedictory ceremony that hailed and acknowledged the victors of the diverse cultural and literary contests. Dr. Praveen Kulkarni, Vice Principal (Para Clinical), JSSMC, inaugurated the valedictory proceedings. Subsequently, the musical talents of the band "Mysore Xpress" took center stage, delivering a repertoire of popular tracks in various languages. This performance served as an exuberant finale, infusing energy and vibrancy into the fest's culmination.

The success of TATVAM 2023 is a testament to the dedication and collaborative efforts of the Cultural and Sports committee under the constant support and guidance of the college authorities and JSSAHER. This event provided an enriching platform for students to showcase their talents, celebrate diversity, and forge lasting memories.

TEACHER'S DAY 2023

On September 5th, 2023 the college **community gathered at Gallery 6, JSS Medical College to celebrate Teacher's Day, an occasion dedicated to honoring our exceptional educators. The event was** graced by our esteemed Registrar - Dr. Manjunatha. B, Principal - Dr. H Basavana Gowdappa and Vice-Principals - Dr. M N Suma and Dr.Praveen Kulkarni, whose encouraging words and acknowledgment of the teachers' pivotal role uplifted the spirits of everyone present.



The event began with an invocation by Srishti Dutta, MBBS Phase 2 student. The afternoon unfolded with captivating dance performances by our talented 1st and 2nd year students, poetry recitations and musical performances, sharing expressions of gratitude for the hard work and dedication of our professors. The 1st year students showcased a heartfelt play, symbolizing the profound respect we hold for our teachers. As a gesture of appreciation, entertaining games and engaging competitions were organized for our esteemed professors, providing a moment of enjoyment and relaxation amidst the celebrations. The vote of thanks was proposed by Pratham Mehta, MBBS Phase 3 Part 2 student. It was an event filled with appreciation, respect and heartfelt acknowledgment for the tireless efforts of our teachers in guiding and shaping our collegiate experience and futures.

ASCLEPIUS CULTURAL NIGHT AND ARTCLEPIUS 2023



Artclepius was one of its own kind of merch designing competition held as a part of Asclepius 2023, the Annual Undergraduate Medical Conference of JSS Medical College, Mysore in collaboration with Kalakriti was held as an initiative to provide young medicos with phenomenal artistic skills, a platform to showcase their talent. The theme 'Pop culture characters re- imagined as doctors' was a perfect amalgamation of the interests of the medically inclined youth of modern world. The organizing teams were extremely glad to receive an overwhelming participation and the entries were truly mesmerizing. The winning artworks were awarded cash prizes, were printed on the merch of Asclepius 2023 and were well loved by all!

The cultural night, as a breather for the International Medical Conference, Asclepius was held on September 22nd, 2023. The event started off with a classical jugalbandi of hindustani and carnatic music. The students of final year then, mesmerised the audience with a classical dance performance. It was followed by two vibrant bollywood performances by the students of first, second and third years. The dance events concluded with a powerpack kuthu style performance. The students of the drama club scripted and performed a short skit. Being the first theater event conducted at Cultural Night, the skit set out to show the melting pot of cultures in our college against the backdrop of struggles in this professional course, and was very well-received. The cultural plurality was articulated through attire, regional songs and dance forms that were incorporated into the skit. The last performance of the night was an acoustic band performance that comprised the essence of mini India by FREMITUS, the college band.

KARUNADA UTSAVA 2023



On the 3rd of November 2023, a vibrant and culturally enriching celebration of Kannada Rajyotsava, "Karunada Utsava," took place at JSS Medical College in Mysuru. The event began with a spirited procession that commenced at 3:30 PM, starting from the college back gate and proceeding to the entrance. The atmosphere was filled with the resonating beats of the traditional Dollu Kunitha, and students energetically grooved to their rhythms, creating an aura of enthusiasm and unity.

Following the colorful procession, a grand cultural program unfolded at 4:30 PM. The program began with the ceremonial lighting of the lamp, symbolizing the dispelling of darkness and the welcoming of light. This auspicious moment was graced by the presence of esteemed dignitaries, including Dr. M.N. Suma, Vice Principal (Pre-Clinical); Dr.Praveen Kulkarni, Vice Principal (Para-Clinical); Dr. H.L. Kalabharathi, Chairperson of the Cultural Committee; and Mr. Satish Chandra, Administrative Officer of JSS Medical College. The lighting of the lamp was accompanied by a traditional Pusphparchana.

The dignitaries delivered addresses that enriched the cultural experience for the audience. Mr. Satish Chandra spoke eloquently about the rich cultural heritage of Mysore, emphasizing the city's historical significance and the importance of preserving its traditions. Dr. M.N. Suma led an interactive quiz session focused on Karnataka, engaging the audience in a lively exchange of knowledge about the state's history, culture, and heritage. Dr. Praveen Kulkarni shared insights on the importance of one's mother tongue and Karnataka's linguistic heritage, emphasizing the need to cherish and promote our linguistic diversity.

The cultural program itself was a spectacular showcase of talent, featuring multiple theatrical, singing and dance performances that captivated the audience and celebrated Karnataka's rich artistic traditions. The vibrant and colorful performances left an indelible mark on the event, uniting everyone in a shared appreciation of Kannada culture. The festivities culminated with a closing address by Dr. Aishwarya Bhat, Member Secretary of the Cultural Committee at JSS Medical College. Her words of gratitude and encouragement reflected the spirit of unity and celebration that defined the Karunada Utsava.

The Kannada Rajyotsava celebration at JSS Medical College, Mysuru, was a resounding success, bringing together students, staff, and dignitaries to celebrate Karnataka's cultural heritage and linguistic diversity. The event served as a reminder of the importance of preserving and cherishing our roots while embracing the future. Karunada Utsava was not only a celebration but also a reaffirmation of the values that bind us as a community and a testament to the enduring legacy of Kannada culture.

CLUB REPORTS:

MUSIC CLUB (MUSIC, MEDICINE, MASTI)



Jam Sessions - MMM organized two jam sessions. Jam sessions were interactive segments held by the club for the sole purpose of increasing the interaction of the students with the music club and unveiling of talents in the college. They provided the students with a vital stage to showcase their talents, whether it was with their voice, or their instruments. Both the jam sessions had creative new segments added, like Trivia, Musical Paraphrasing and games like Render or Surrender. A great response was received from the

participants. The first session was held on 22nd April, 2023. It was held in the Sri Rajendra Auditorium in JSS Medical College. The event welcomed a huge number of new talents from the new batch of 2022-23. The event ended up being a huge success due to the tremendous support from the freshers and the healthy interaction between the core, seniors and the freshers. The second session was held on 10th September, 2023. It was held in the Sri Rajendra Auditorium of JSS Medical College. This event being conducted shortly after the induction of the freshers of the batch of 2023-24 proved to be a warm welcome of the freshers to the college. This session was also packed with many fun events like theme based antakshari, complete the lyrics, translations, musical charades and much more. This was the first event conducted by the new appointed core for the session 2023-24. The jam sessions were renamed as Unplugged sessions.

Online Segments - Certain new segments were released on the Instagram page @music.medicine.masti. Every Tuesday, a Rewind segment is posted that talks about the musical history of the day. MMM also released its first ever Spotify playlist under the title MMMixtape, curated by the core.

DANCE CLUB (THANDAVAM)

Sports Inaugration Ceremony - JSSMC conducted its intracollege sports fest on July 9th and 10th, 2023. The inauguration ceremony included 2 enthralling dances performances from Thandavam. The participants included students from 1st year and 3rd year.





Nutrition Week Flash Mob - As a part of the Nutrition Week celebrations the Department of Community Medicine organised a Flash mob followed by a skit to spread awareness about unhealthy eating. The event was done by members of Thandavam. Dancers from 1st and 2nd year put up an amazing performance at the Nexus Mall and Mall of Mysore on September 10, 2023. The event was appreciated and well received by the mall visitors.



DRAMA CLUB (MYRIAD)



Chitrahaar: Reel in your Talent - As the punny tagline indicates, participants were asked to make 'reels' in this maiden venture by Myriad. Said reels could be a mono-act, a movie spoof, a soliloquy; literally any mode of dramatic expression. The entries were judged by Dr. Ankita Drolia and Dr. Jay Gohri, the founding presidents of Myriad and a separate category of 'Popular Choice' was instituted to recognize the reel with maximum engagement on social media. Winners of 'Judges' Choice' Category Scene Recreation - 3 Idiots (Hindi), Winners of 'Popular Choice' Category Scene Recreation- Love Action Drama (Malayalam)

FINE ARTS CLUB (KALAKRITI)



Art-venture - On 20th August 2023, "Kalakriti" the art club at JSS Medical College, Mysuru organized an event named "Art.-Venture." This event took place at the sports complex and saw the enthusiastic participation of 16 teams. The event aimed to promote artistic expression and creativity among the students. The competition featured three engaging rounds. The first round, a treasure hunt, required participants to decipher answers from pictorial clues and subsequently recreate them through drawing. The second round, a 90-second knockout challenge, demanded one team member to communicate art or photography supplies to their teammate using only yes, no, and maybe questions. The final round, involving the top six teams, was a Pictionary round. In this round, participants, working in pairs as a drawer and guesser, had to identify famous paintings and their respective artists. The event culminated in the determination of winners based on the accumulated points throughout the rounds.



Inktober - Under the auspices of the Cultural Committee, Kalakriti successfully organized the annual online event, 'Inktober,' throughout the month of October. The event comprised weekly segments such as Meme Monday, Doodle Wednesday, and Shutter Saturday, each week introducing new topics for participants to engage with creatively. People enthusiastically participated by submitting their remarkable entries throughout the month. These entries were regularly showcased on the official Kalakriti Instagram page, garnering attention and appreciation from the audience. To culminate Inktober, winners across various categories were recognized. The winners were publicly announced and congratulated via Kalakriti's Instagram page, acknowledging their talent and contribution to the event's success.

Bollywood Gala - On October 29, 2023 Kalakriti organized a captivating and lively event known as the "Bollywood Gala" at Havana, Mysuru. The event aimed to celebrate the vibrant world of Bollywood, where participants were encouraged to dress up as their favorite Bollywood actors, adding an element of fun and creativity to the day. The event unfolded with an array of engaging activities, commencing with a bollywood trivia competition that comprised three exciting rounds: the Emoji round, Connect and Guess, and a Questionnaire Round. These trivia rounds tested participants' knowledge of Bollywood films, actors, and memorable dialogues, adding a competitive and challenging edge to the event. Another highlight of the

evening was the Bollywood Pictionary, which brought participants closer to the world of movies in a unique way. Participants drew scenes or symbols from famous Bollywood films, and the audience had to guess the movie they were depicting, creating an interactive and entertaining atmosphere. Adding a touch of glamour and talent, individual performances were showcased by participants, with each performer corresponding to their attire. As a Bollywood actor or actress. These performances transported the audience into the magical world of Bollywood and provided a visual treat for all attendees. The much-anticipated moment of the evening was the award ceremony, where the best-dressed participants were recognized for their outstanding efforts.

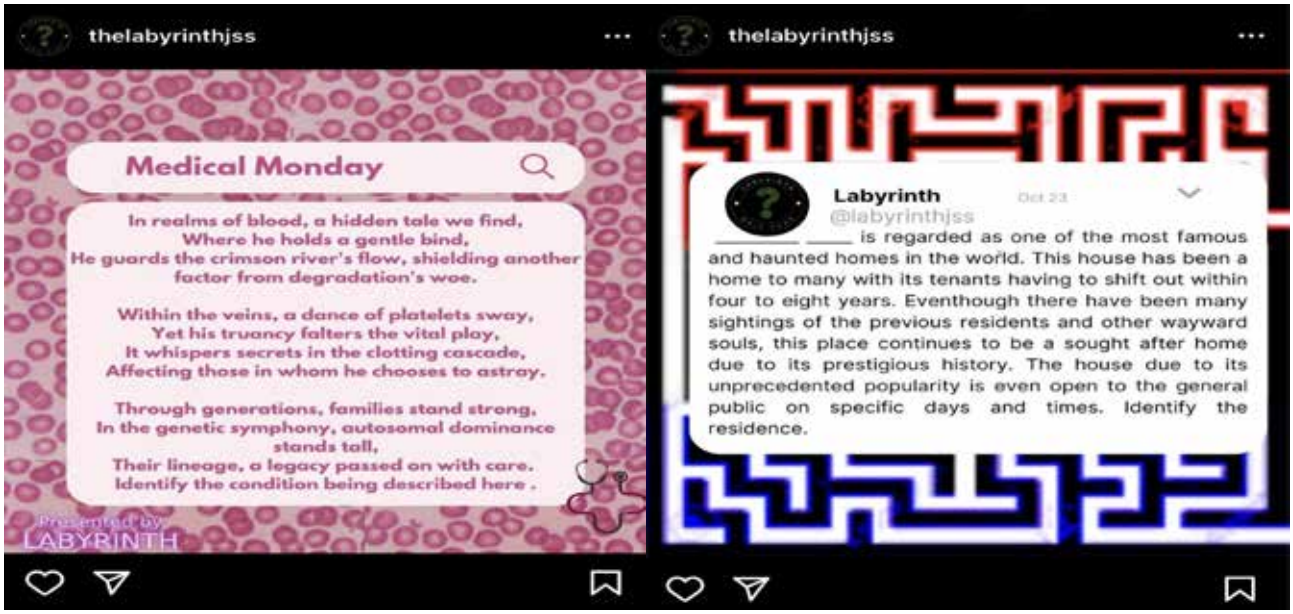
QUIZ CLUB (LABYRINTH)

The Quiz Club of JSS Medical College- "Labyrinth", is a relatively new entrant into the diverse tapestry of student activities on campus. Born out of a shared passion for trivia and curiosity, this club has quickly evolved into a hub for intellectual exchange. Despite its recent inception, Labyrinth has become a collection of diverse minds, attracting a large number of students. It's a testament to the universal appeal of quizzing and the club's ability to resonate with the eclectic interests of the students.



Trivia Night - To commemorate the official launch of Labyrinth under our president and the recently appointed core, Labyrinth threw a trivia night on November 6, 2023. This was preceded by an online preliminary round attended by 21 teams, each consisting of 3 members. Out of these teams, 6 entered the finals, selected based on accuracy and time. During the finals, contestants were tested across various fields and multiple enthralling rounds which resulted in one team emerging as the winner.

Online Segments - Labyrinth introduced trendy brand new online segments on social media platforms to feed the growing curiosity of the audience alongside instilling a sense of healthy competition. To do so questions across genres were curated and presented to the audience. Segments included medicine monday, takeover tuesday, wordle wednesday, trivia thursday and fandom friday. This ensured diligent participation of budding quizzers and quizzing enthusiasts.



OUTSIDE JSS EVENTS



PEGASUS 2023 - CHRISTIAN MEDICAL COLLEGE, VELLORE

Srishti Dutta from 2nd year won the 2nd prize in Solo Singing: Eastern Category in Pegasus 2023, the college fest of Christian Medical College, Vellore, on 12th September 2023. The team comprising of Nithya Ravishankar, Sagar Shaji, and Sona Sudhi of 2nd Year put together their wits, gestures, and team synergy to decipher hidden clues and secure the third position in Dumb Charades. The pair comprising of Krishna Rajmohan and Yashvardhan Gaur of 3rd Year, used some quick sketches and swift thinking to secure first position in Pictionary. Yashvardhan Gaur of third year and Sagar Shaji of second year batch made compelling justifications in order to secure the first and third positions respectively in Shipwreck. Interns, Ms Arsha and Mr Avinash won first place for duet dance and Ms Aishwarya Bhat secured third place for classical dance. Ms Devika of 2nd year actively participated in solo classical dance.

SAMMSCRITHI 2023 - MYSORE MEDICAL COLLEGE, MYSURU

Srishti Dutta from 2nd year won the 1st prize in Non Classical Solo Singing in Sammscrithi 2023 on 5th October 2023, the college fest of Mysore Medical College. Dr. Manan Bajaj and Dr. Gabriel Charles, from the intern batch also participated in the non classical solo singing. Dr. Manan Bajaj also took part in the solo instrumental.

YOUTHOTSAVA 2023 - INTER COLLEGIATE FEST CONDUCTED BY RED FM



A talent hunt competition was organised by RED FM, Youthotsava, to hunt for talents in Mysore. Srishti Dutta from 2nd year won the 2nd position in solo singing. Yashaswini Mohanty from 2nd year won the 2nd position in solo instrumental. The team comprising of Yashu Juneja and Sugandha Kumari (Phase III Part II), Payal Tada (Phase III Part I), and Prashansa (Phase I) enacted a clever and comical advertisement for a ‘deodorant’ which secured the first position in Mad-Ads. Yashu Juneja of Phase III Part II, also showcased a splendid performance and secured the second position in Mono-Act. The team comprising of Anusree T Ajith, Theertha Prasanth, Sneha B Ravi, Meenakshi Krishna, Mariya Reji, Lakshmi Rajeswari Nair (Phase III Part II) participated in group dance, in which they secured the first position.

COBALT SKIES 2023 - BANGALORE MEDICAL COLLEGE, BENGALURU



Bangalore Medical College had organised an inter-college fest with a vast plethora of events and activities. Our college participated enthusiastically and under the category of dance Ms Amritha Shankar and Mr Darshith Pillai of 3rd year had taken part in duet dance showcasing their spectacular performance.

SUTTURU JATHRA MAHOTSAVA

The Cultural Competition held on 6th February 2024, as a part of the Sutturu Jathra Mahotsava, was a vibrant celebration of India's rich heritage. Students from MBBS Phase I and II actively participated, showcasing a diverse array of cultural performances.

1st-year students presented the Kannada folk song "Kodagana Koli Nungitha". The lively and rhythmic melody captured the vibrant spirit of the region, contributing to the overall success of the cultural competition at Sutturu Jathra Mahotsava. The culmination of these efforts resulted in the 4th prize being awarded to Ms. Anika (23M01040) of 1st year in the category of Solo Classical Dance and 5th prize to Classical Group Dance to 1st year MBBS students at the Sutturu Jathra Mahotsava. The judging panel praised the performance for its creativity, originality, and its ability to transcend cultural boundaries.



ORPHANAGE VISIT



On May 10th, 2024, JSSMC M.I.N.D.S Psychiatry Club: Sapiens, in collaboration with Kala Kriti, organized a visit to Sri Chayadevi Anath ashrama in Chikkadanahalli, Jayanagar with the aim of bringing joy and support to the children. Sri Chayadevi Anath ashrama hosts children of ages up to 10 years. The visit included distributing snacks and refreshments such as chips and juice, as well as essential stationary items like crayons to foster creativity and aid in their educational pursuits. Sports equipment like bats and balls were also provided to encourage physical activity and a healthy lifestyle. This collaborative effort sought to create lasting memories and support for the children at the orphanage, reflecting the commitment of the organizers to make a positive impact in their lives. Through simple gestures and provisions hoped to bring smiles to their faces and contribute to their well-being and happiness.

YUVA BIMBA 2024

JSS Academy of Higher Education and Research (JSSAHER) participated in the 37th Annual South-East Zone Inter University Youth Festival, 'YUVA BIMBA,' organized by the Association of Indian Universities (AIU). The event was hosted by JSS Science and Technology University (JSS STU) from 22nd to 25th February 2024.

The following are the details of the Medical & AHS students & the events participated by the students.

- Solo Western Vocals: Yashvardhan Gaur (MBBS Final Year)
- Classical Instrumental Percussion: Pranav Keshav (MBBS Second Year)
- Debate Competition: Ankit Agarwal and Dhrish Vasa (MBBS Final Year)
- Solo Classical Dance: Vibha Sunil Sastry (First Year MBBS)

- Spot Photography Competition: Nayan Sathyan (House Surgeon)
- Light Vocals Competition: Muktakshi Sonkar (MBBS Second Year) accompanied by
- Nidhish Agarwal (MBBS Second Year) and Rashmi Ranjan Sahoo (MBBS Final Year)
- Quiz Competition: Yashvardhan Gaur, Arush Sudan, and Krishna Rajmohan (MBBS Final Year)
- secured the second position, qualifying for the National Youth Festival 2024.
- Poster Making: Prerana Thulasidas (MBBS Second Year)
- Indian Group Song Competition: Evana Vincent, MP Rakki Suresh, Steve Maria Maxwell, Julitha James, Abhiram S., Chelsy Alaya Philip, Dhanyadeep G, Ananya M, and Swastik U. Ammanny (AHS 3rd Sem)



Winners

S.No	Event	Name	Year	Reg no.	Prize
1	Quiz	Arush Sudan	Final Year MBBS	0M01027	Second
2		Krishna Rajmohan		20M01074	
3		Yashvardhan Gaur		20M01199	

HUNAR 2024



Students from JSS Medical College, JSS Academy of Higher Education & Research recently participated in Hunar 2024, the 37th inter-university national youth festival hosted by Punjab Agricultural University, Ludhiana, Punjab, held from 29th March 2024 to 2nd April 2024. Over 2000 students participated, representing more than 100 universities from across India. On 29th March, a cultural procession took place, and the JSSMC contingent participated in it. The General Quiz event was held on 31st March, 2024. The format consisted of a written preliminary round, followed by a stage final round. Arush Sudan, Krishna Rajmohan, and Yashvardhan Gaur from MBBS, Phase-3 Part-2 participated in the event, and represented JSSMC. Overall, the Inter-University National Youth Festival was a melting pot of creativity, talent, and cultural exchange, embodying the spirit of unity and celebration among India's vibrant youth.

GRADUATION DAY CEREMONY

The cultural programme following the graduation day ceremony at JSSAHER Campus was a grand event, marked by vibrant performances and enthusiastic participation from both students and faculty. The event was organized to celebrate the achievements of the graduates and to acknowledge the contributions of the student committees and clubs.





The first segment of the programme was dedicated to recognizing the efforts of the student committees and the leaders of various student clubs. Certificates of appreciation were awarded to the members of the student committees and the presidents and vice presidents of the respective student clubs. Following the certificate distribution, the stage came alive with a series of musical and dance performances by the graduates. One of the highlights of the evening was the fashion show. This unique event saw students and faculty members walking the ramp together, symbolizing the unity and camaraderie within the JSSMC community. The fashion show was met with great enthusiasm, with participants displaying creativity and style. It was a celebration of fashion and fun, enjoyed by all attendees. The cultural programme post the graduation day ceremony was a memorable event, reflecting the spirit and culture of students of JSSMC. It provided a platform for graduates to showcase their talents one last time and for the community to come together in celebration. The event was a fitting conclusion to the graduation day ceremony, leaving lasting memories for the graduates and their families.

AFMC Silhouettes 2024

The Armed Forces Medical College (AFMC), Pune, organized its annual sports, cultural, and literary fest, Silhouettes 2024, from May 8th to 15th 2024. This report summarizes the key events and outstanding performances of our students.

Dhwani Eastern and Western Singing Events

-**Eastern Solo Singing**: Srishti Dutta (3rd MBBS, JSS Medical College) secured the 2nd position.




- **Western Solo Singing**: Muktakshi Sonkar (2nd MBBS, JSS Medical College) secured the 3rd position.




-Duet Eastern Singing:

- Srishti Dutta (3rd MBBS JSS Medical College) and Muktakshi Sonkar (2nd MBBS JSS Medical College) qualified for the event.
- Yashvardhan Gaur (4th MBBS JSS Medical College) and Swapnil Chaudhuri (4th MBBS JSS Medical College) also qualified.

-Lily and Snape - Duet Dance Competition- Avinash Gopalakrishnan and Arsha P A (Interns JSS Medical College) secured the 2nd place with their captivating performance of "Laal Ishq."






-Spotlight - Solo Dance Event

-**Devika Sanjayan (3rd year MBBS JSS Medical College)** won the 3rd prize among 37 participants with a mesmerizing Kuchipudi dance performance.




-Kalakriti's Participation in Silhouettes

- **Face Painting Competition**- Tripti Gupta (3rd year MBBS JSS Medical College) secured the 3rd position, impressing judges and spectators with her intricate designs and creative execution.






-Myriad - Street Play Event

A group of 13 students participated in the street play event, "Tamasha Tera Mera - Nukkad Natak," addressing the impact of social media on mental health. The play highlighted three scenarios depicting the adverse effects of social media on young adults through original jingles and creative props.

The team included: Ayush Rai (4th year), Abhirup Chakraborthy (4th year), Swapnil Chowdhary (4th year),

Anishka Sneha (3rd year), Chaitanya Charul(3rd year), Sowmika Thalluri (3rd year), Aviral Harsh (3rd year), Prashansa Sharma (2nd year), Enni Chetana (2nd year), Tamanna Gupta (2nd year), Raghav Agarwal (2nd year), Shrishti Dutta (3rd year), Muktakshi Sonkar (2nd year).

Silhouettes 2024 was a resounding success. The event fostered cultural exchange and collaboration.

Winners

S.No	Event	Name	Year	Prize
1	Face Painting	Tripti Gupta	3rd	Third
2	Solo Western	Shrishti Dutta	3rd	Second
3	Solo eastern vocals	Muktakshi Sonkar	2nd	Third
4	Spotlight (Eastern Solo)	Devika Sanjayan	3rd	Third
5	Duet Dance	Arsha PA and Avinash G	Intern	Second

TATVAM 2024

The annual inter-collegiate cultural and sports fest of JSS Medical College, TATVAM, transpired from June 11th to 16th, 2024. This highly anticipated event, distinguished by the theme “Echoes of the Nile: An Egyptian Odyssey”, plunged attendees into the realms of Egyptian mystics, pharos and temples.

The success of TATVAM 2024 owes much to the esteemed individuals who championed its cause:

In a significant development, the cultural committee expanded the fest’s scope by transforming it into a national intercollegiate event, attracting over 30+ colleges from across the country. Additionally, the fest’s online offerings garnered participation from more than 40+ colleges, culminating in a diverse and engaging gathering.

Commencing on June 11th, the event was inaugurated with an esteemed gathering. Dr. Vishal Kumar Gupta, Director (Academics) of JSS AHER, graced the event as the presiding dignitary. Accompanying them were distinguished guests including Dr. H. Basavanagowdappa, Principal of JSSMC; Dr. MN Suma, Vice Principal of JSSMC; Sri. Satishchandra , Administrative officer; Dr. H. L. Kalabharathi, Chairperson of the Cultural Committee ;Dr. Puroshottama Sastry, Chairperson of the Sports Committee and Dr. Tejashree, Chairperson of the Literary Committte . The inauguration ceremony commenced with the ceremonial lighting of the lamp, followed by an invocation delivered by Aditi Vasudevan, a student of MBBS Phase I. The event was declared open by Dr. Vishal Kumar Gupta. The event ended with a Vote of Thanks presented by Dr. Pratham Mehta, Member Secretary, Cultural Committee, JSSMC.





Batch Dance

Following the inauguration, the batch dance began, capturing the attention and hearts of everyone present. This event was conducted in the Vrikshangana, the central courtyard of our esteemed institution. The event saw enthusiastic participation from students across all batches, each bringing their unique flair and cultural diversity to the stage. The preparation and execution of the batch dances highlighted the spirit of teamwork and collaboration among students. It was evident that countless hours of practice had gone into perfecting their performances, fostering a sense of camaraderie and mutual respect.





Fremitus

Following the vibrant batch dance event at the Vrikshangana, the festivities of TATVAM 2024 continued with an exhilarating performance by the college band, Fremitus. Fremitus, a talented group of students from the college's music club MMM, has become synonymous with musical excellence in JSS Medical College. Fremitus performed a medley of various songs, seamlessly blending different genres and languages. Their repertoire included popular hits from Bollywood, Western classics, regional favorites, and contemporary chart-toppers.



Ethnic walk

As part of the vibrant celebrations of TATVAM 2024 at JSS Medical College, Mysore, the College Day featured an exquisite Ethnic Walk, the college's own fashion event. This captivating event showcased the rich tapestry of Indian fashion, with students elegantly representing multiple phases and styles from different regions and eras of India.

Cultural and Literary Events

Dance Events

The dance events were a spectacle of grace, energy, and creativity. The categories included:

- **Solo Dance (Classical)**: Participants showcased their prowess in traditional dance forms like Bharatanatyam, Kathak, and Odissi.
- **Solo Dance (Non-Classical)**: This event featured contemporary, hip-hop, and Bollywood dance performances.
- **Duet Dance**: Pairs performed synchronized routines in various dance styles.
- **Dance Face-Off**: Dancers competed in a thrilling battle of skills and improvisation.
- **Reflections (Sync Challenge)**: Groups competed to perform perfectly synchronized dance routines.
- **Group Dance**: Large groups showcased their coordination and thematic performances.

Music Events

- **Solo Singing (Classical)**: Showcasing the purity of classical music through solo performances.
- **Solo Singing (Non-Classical)**: Featuring modern, pop, and Bollywood songs.
- **Duet Singing**: Pairs delivered harmonious duets across various genres.
- **Instrumental**: Musicians displayed their skills on various instruments.
- **Battle of Bands**: Bands from different colleges competed, each delivering electrifying performances.
- **Music Marathon**: A non-stop musical extravaganza with participants performing continuously.

Fine Arts Events

The fine arts events allowed students to express their creativity through various mediums:

- **Art Venture**: Participants created unique artworks on different themes.
- **Art Attack**: A time-bound art challenge.
- **Tote Bag Painting**: Creative designs on tote bags.
- **Face Painting**: Artists turned faces into canvases with imaginative designs.
- **Photography**: Capturing moments and themes through the lens.
- **Costume Design**: Designing and presenting creative costumes.

Literary Events

The literary events fostered intellectual engagement and creativity:

- **Literary Marathon**: A marathon of literary activities and competitions.
- **Debate**: Intense debates on contemporary issues.
- **JAM (Just A Minute)**: Quick thinking and speaking challenge.
- **Shipwreck**: Participants argued their way out of hypothetical shipwreck situations.
- **Poetry**: Poets presented their original compositions.
- **Potpourri**: A mix of various literary activities.

Drama Events

Drama enthusiasts showcased their acting skills through various formats:

- **Street Play**: Powerful performances on social issues, performed in open spaces.
- **Mono Act**: Solo performances focusing on individual expression.
- **Mad Ads**: Humorous and creative advertisements performed live.
- **Lights Camera Action**: Short plays and skits performed on stage.

Quiz Events

The quiz competitions tested participants' knowledge across various domains:

- **General Quiz**: Covering a broad range of topics.
- **Fandom Quiz**: Focused on popular fandoms and franchises.
- **Anime Quiz**: Dedicated to anime knowledge and trivia.

Assorted Events

A variety of unique and engaging events were also held:

- **Panache (Fashion Show)**: A glamorous fashion show highlighting student-designed attire.
- **Cine Verse MUN**: A Model United Nations event with a cinematic twist.
- **Escape Room**: Teams solved puzzles to escape themed rooms.
- **FIFA**: A competitive video gaming event.
- **Call of Duty (Mobile)**: Mobile gaming competition.
- **Valorant**: A tactical first-person shooter game competition.
- **Teacher's Event**: Special events organized for the faculty members.

Literary Activities



Samarthya annual College magazine 2021-22 secured first prize under medical and technical institute category. Prize distribution was during the celebration of 108th Jayanthi Mahotsava of Shri Shivarathri Rajendra Mahaswamiji on 29th August 2023. Dr.MN Suma, Vice Principal; Dr. Tejashree A, Chairman, Dr. Pushpa NB, Member Secretary, Literary and Magazine committee and Mrs. Shilpa P, Assistant AO, JSS MC received the prize from HIS HOLINESS.



Samarthya magazine secured prize for three consecutive times, so Literary and magazine committee had organized thanks giving program for the students and faculty of Magazine committee. Principal- Dr. H Basavana Gowdappa, Vice Principal Dr.MN Suma, Vice Principal Dr. Praveen Kulkarni, Administrative Officer Mr. Satish Chandra graced the occasion. Students and faculty were appreciated with a certificate and token of appreciation. Dr. Pushpa NB, Member secretary, Literary and magazine committee coordinated the event.

Student Representation

Mr. Akshay DV of 3rd MBBS had participated in 31st annual state conference of Karnataka medico legal society organized by dept of Forensic Medicine & toxicology, Mangalore on 3rd & 4th of November 2023,



A role play was organized during CME by Physician association for nutrition India on Evidence based nutrition (PAN INDIA). It was a successful program held in the Mysore medical college on 29th November 2023, to spread awareness about importance of nutrition. In total there were 8 teams who took part in the competition. Harshitha, Devam, Harshith Vrindesh and Dhanushya of 1st MBBS from JSS took part in the event. The theme of the role play was ANOREXIA NERVOSA. JSSMC team secured the third prize in the overall final competition.









Nilanjana Dutta, Final Year MBBS had participated in the following events :

1) Case Presentation at Madras Medical College- 16/09/23 Topic: Azathioprine Induced Alopecia and Myelosuppression



Nilanjana Dutta, Final Year MBBS, had presented case in the National medical conference PANCEA held at Bangalore Medical College and Research Institute on 10/10/23. Topic of presentation - CNS Tuberculoma with TB Meningitis, CVT, Temporal Lobe Seizures and ATT Induced Hepatitis.	
Nilanjana Dutta, Final Year MBBS has secured first prize in Medical Pictionary competition in the National UG conference ASCLEPIUS organized by JSS Medical College Mysore between 20th – 23rd September 2023.	
Nilanjana Dutta, Final Year MBBS Participated in Asclepius Medisleuth, organized by the Department of Forensic Medicine and Toxicology & JSS Medical College during ASCLEPIUS 2023 held between 20th & 23rd September 2023. Nilanjana Dutta, Final Year MBBS was finalist in the Occam's Razor Clinical quiz: 22/09/23 held during National UG conference ASCLEPIUS 2023 organized by JSS Medical College, Mysore.	
Param Seth, 2nd MBBS had participated in oral case presentation and secured 3rd prize in the National UG conference ASCLEPIUS 2023 organized by JSS Medical College, Mysore held between 20th – 23rd September 2023.	
Jaswant Arjun Sujaram of final year MBBS had participated in the Model united Nation held during National UG conference ASCLEPIUS 2023 between 20th-23rd September 2023.	
Jaswant Arjun Sujaram of final year MBBS had participated in the Medical Pictionary held during National UG conference ASCLEPIUS 2023 between 20th-23rd September 2023	
Jaswant Arjun Sujaram of final year MBBS had participated in the Surgical skills workshop (suturing, knots, and Ryle's tube insertion) held during National UG conference ASCLEPIUS 2023 between 20th-23rd September 2023.	

Jaswant Arjun Sujaram of final year MBBS had participated in the Ultrasound guided nerve block workshop held during National UG conference ASCLEPIUS 2023 between 20th-23rd September 2023.	
Jaswant Arjun Sujaram of final year MBBS had participated in the CME on hospital acquired infection surveillance held on 17-10-2023 organized by JSS Hospital, Mysore.	
Mouli Mandal of 2nd MBBS had participated in EPIGNOSIS-6 : Certificate of participation for actively participating in "6th State Level Biochemistry Quiz" Competition. Certificate awarded in association with Mysore Medical College	
Mouli Mandal of 2nd MBBS received Certificate of Participation in First edition of pan - India online general quiz conducted by Students Association of AIIMS Bhubaneswar September 2023-24	
Mouli Mandal of 2nd MBBS had participated in Medillectuals Lite 2023, conducted in AIIMS, New Delhi as a part of Pulse 2023	
Mouli Mandal of 2nd MBBS was qualified in the 1st round of Elsevier Basics Sciences Olympiad (EBSO) 2023 organized by ELSEVIER. Mouli Mandal of 2nd MBBS was qualified for 1st round of Occam's Razor held during Tatvam at JSS Medical College between 11th – 16th July 2023.	
Saumya Upadhyay of 1st MBBS had participated in debate organized by JSS college of Pharmacy on 10th October 2023. Topic- 33% of Women's reservation	

Sharanya Bose, 3rd year had participated 'Axon' - PSG IMSR Coimbatore, Junior Quiz and secured 3rd prize. It was held between 3rd – 5th August 2023. Sharanya Bose, 3rd year had participated in ENDOLYMPICS, CPC (Clinico pathological correlation) - Senior Quiz and was qualified to finals organized by PSG Institute of Medical Sciences & Research, Coimbatore between 3rd – 5th August 2023.	
Sharanya Bose, 3rd year had participated in Poster presentation in 'Panacea' National Medical conference held at Bangalore medical College on 10th October 2023 Sharanya Bose, 3rd year had participated Canvassio (online) competition and secured 1st prize. It was organized by PSG Coimbatore, between 3rd -5th August 2023.	
Rupashi of 3rd MBBS secured first prize in Poster case presentation in BMC PANACEA conference held on 10th October.	
Vihitha Vunnam from 3rd year MBBS had participated in Case presentation event in the National UG conference - ASCLEPIUS 2023 held between 20th – 23rd September 2023 organized by JSS Medical College, Mysore.	
Vihitha Vunnam from 3rd year MBBS had participated in Medical debate in the National UG conference - ASCLEPIUS 2023 held between 20th – 23rd September 2023 organized by JSS Medical College, Mysore.	
Vihitha Vunnam from 3rd year MBBS had presented Poster during Vagus 2023- National UG conference organized by Mysore Medical College between 1nd & 2nd October 2023	
Pravallika Rao and Aditi Krishna Kumar of 2nd MBBS had secured second prize in poster presentation during National UG conference ASCLEPIUS 2023 held at JSSMC between 20th -23rd September 2023	

Om Priyadarshini M and Pratham Mehta participated in a workshop titled 'Basics of ECG' AXON 23 conference on 3rd August 2023 organized By PSG Institute of Medical Sciences, Coimbatore. The workshop covered fundamental concepts, lead placement, waveform interpretation, and common abnormalities. Practical demonstrations and interactive sessions enriched our understanding. The event was highly informative, enhancing our knowledge of ECG interpretation.



Sharanya Bose and Ayushi secured 3rd prize in Junior quiz and won a cash prize of Rupees 1000 during AXON 23 conference on 3rd August 2023 organized by PSG Institute of Medical Sciences, Coimbatore. The quiz encompassed diverse topics, testing our knowledge, critical thinking, and teamwork. Our performance was characterized by consistent effort and effective collaboration. While we aimed for the top position, securing third place was still a remarkable achievement. The competition fostered intellectual growth, encouraging us to delve into various subjects



Sharanya Bose and Pratham Mehta presented a poster on LGBTQ+ community inclusiveness in healthcare during AXON 23 conference on 3rd August 2023 organized by PSG Institute of Medical Sciences, Coimbatore. The poster discussed challenges faced by LGBTQ+ individuals, emphasizing the need for respectful and sensitive care. It highlighted successful strategies for creating an inclusive environment, including staff training and policy reforms. The presentation sparked engaging discussions on improving patient experiences.

Yashika won the best delegate prize in Model United Nation during **AXON 23 conference** on 3rd August 2023 organized by PSG Institute of Medical Sciences, Coimbatore. The Axon Mun Committee on Healthcare Innovation and Digital Transformation met on August 4th-5th, 2023. Delegates discussed telemedicine accessibility, data privacy, and political impact on healthcare. Challengesarose from allegations of Chinese hackers stealing US patient data, affecting US-China relations. Despite this,productive discussions led to a resolution addressing key healthcare issues. The meeting provided valuable insights into healthcare innovation and digital transformation on a global scale.



Sharanya and Ayushi qualified as the top 6 teams for Clinicopathological quiz during **AXON 23 conference** on 3rd August 2023 organized by PSG Institute of Medical Sciences, Coimbatore. The competition, focused on linking clinical presentations with pathological findings, highlighted our knowledge and diagnostic skills. The diverse range of cases tested our ability to connect theoretical knowledge with practical scenarios.While aiming for the top position, the experience itselfwas invaluable. The quiz enhanced the understanding of medical diagnostics and reinforced the importance of multidisciplinary approaches.

Om and Pratham got selected as the top 8 teams in Biomedical Hackathon and presented their model on my health band – an innovative approach on electronic health record systems during ECG' AXON 23 conference on 3rd August 2023 organized By PSG Institute of Medical Sciences, Coimbatore.



Om and Pratham achieved first prize in the Medical Case Presentation held on August 7th and a cash prize of 1000 rupees during STRIATUM- International UG conference held on 8th August at Indira Gandhi Medical College and research Institute, Pondicherry. Their presentation on "Dapsone Induced Agranulocytosis" garnered recognition for its insightful analysis. They adeptly elucidated the intricacies of the case, highlighting their comprehensive understanding of the subject. Their success not only reflects their dedication and meticulous research but also highlights their adeptness at translating medical complexities to a wider audience.



Pratham and Om participated in medical debate on emerged as the Best Speaker in the Medical Debate held during STRIATUM- International UG conference held on 8th August at Indira Gandhi Medical College and research Institute, Pondicherry.
Excelling preliminary rounds as top teams, they highlighted exceptional debating skills. The final debate, centered on legalizing surrogacy for profit, witnessed their insightful arguments and eloquence. Their comprehensive analysis and engaging delivery captivated the audience



PEGASUS 2023, LITERARY EVENTS held at CHRISTIAN MEDICAL COLLEGE between 11-16th September 2023.

The Literary events of Pegasus 2023 were held over the course of 5 days starting from 11th-16th September organized by CMC Vellore. It was conducted with great zeal and students from our college participated enthusiastically. The events held were- Flash Fiction on 12th September, Short Story Writing on 13th September, Poetry on 14th September and Essay Writing on 15th September. Prompts for each event were given on the spot and participants were allotted 24hours to creatively come up with submissions for the same. With over 40 participants from various colleges for each event, the competition was tough. **Sowmika T (2nd MBBS)** from JSSMC wrote Flash Fiction for the prompt "Comedy of Errors" and was shortlisted as a potential finalist. **Chethna Rajesh (2nd MBBS)** had written essay titled "Do the Ends Justify the Means?" was awarded a special mention. The other events like Poetry Writing had prompts like- 'Spectrum of colors and emotions', 'Your life as an object' which were interesting to write on and partake in. All in all, the students thoroughly enjoyed themselves and this was a good learning experience.





Prisha Mehta, 9th term had participated in Case Presentation at Mysore Medical College on 2nd October 2023 during VAGUS 2023, UG Medical conference



Prisha Mehta, 9th term had presented case in the PANACEA National Medical conference held at Bangalore Medical College on 10th October 2023.	
Arnav Salar, 4th year MBBS had participated in Case presentation and received a special mention Certificate during National UG conference Asclepius 2023 organized by JSS Medical College, Mysore between 20th and 23rd September 2023.	
Arnav Salar, 4th year MBBS had participated in Clinical Case presentation at Vagus 2023, organized by MMC, Mysore on 1st and 2nd October 2023.	
Arnav Salar, 4th year MBBS had participated in Poster presentation at Vagus 2023 UG Conference , organized by MMC, Mysore on 1st and 2nd October 2023.	
Samyuktha from 2nd year MBBS, had participated in VAGUS-MMC UG Conference for Poster presentation organized by MMC, Mysore on 1st and 2nd October 2023	
Mridusmita Hazarika, of MBBS phase I (2022-23) had participated EPIGNOSIS-6 : Certificate of participation for actively participating in "6th State Level Biochemistry Quiz" Competition. Certificate awarded in association with Mysore Medical College held on 23rd September 2023.	
Mridusmita Hazarika, of MBBS phase I (2022-23) had participated in World Rabies Day quiz by IMA MSN KGMU held on 28th September 2023.	

Mridusmita Hazarika, of MBBS phase I (2022-23) had participated in Manipal MedAce challenge by Think Med organized by KGMU, Lucknow, Mridusmita Hazarika, of MBBS phase I (2022-23) was qualified for 1st round of Occam's Razor held during Tatvam at JSS Medical College held between 11th – 16th July 2023. Mridusmita Hazarika, of MBBS phase I (2022-23) had participated in Medillectuals Lite 2023, conducted in AIIMS, New Delhi as a part of Pulse 2023 held on 20th September 2023. Siddharth Chaudhry, MBBS Year 1 2023-2024, had participated in the Joint Crisis Committee of the JSS Medical College Model United Nations in Asclepius 2023: International Undergraduate Conference held from 20th to 23rd Sept.2023.	
Nishka Gupta, 1st MBBS, had participated in the EPIGNOSIS biochemistry quiz at Mysore Medical College on 23rd September 2023.	
Yashika Sharma secured 1st place in essay Competition at JSS Law College Hostel for Women in May 2024.	
National Anatomy Quiz at SIMSRC, Bengaluru. Aniketh Venugopal and Rahul Sreenath from MBBS Phase-2 represented JSS Medical College, Mysuru in the National Anatomy Quiz was held at Saptagiri Institute of Medical Sciences and Research Centre, Bengaluru on 1st Feb 2024. There was a total of 178 teams from Medical Colleges throughout India. Both were awarded participation certificates for the same.	
State Level Intercollegiate Physiology Quiz-2024 Aniketh Venugopal and Sharenya Chowdhury of MBBS Phase-2 had participated in the Dr.A. Krishna Rao memorial inter collegiate Physiology quiz held at Kasturba Medical College, MAHE, Manipal on 15th March 2024. Both were awarded participation certificates for the same.	

KMC EREVANA 2024

Shruti Shambhavi of 2nd year had participated in the poster presentation and quiz competition during National undergraduate medical conference 2024 organized by the student forum of Kasturba Medical College, Mangalore, between 3rd -5th May 2024.



Ms. Sharanya Bose of final MBBS, had participated in EREVNA Undergraduate Medical Conference organized between 3rd to 5th May in Kasturba Medical College, Mangalore. Out of 160 abstracts, 14 were selected for paper presentation. She had presented her research paper on the topic - Assessing LGBTQ+ awareness, knowledge and confidence among undergraduate medical students: a cross-sectional study – a project under the guidance of Dr Bindu, Dept of Psychiatry and Dr Smitha, Dept of Forensic Medicine and Toxicology, JSSMC. The guest speaker for the conference was Dr Archith Boloor. Overall, the conference was an enigmatic blend of knowledge and innovative learning.



Ms. Riddhi & Ms. Rasha of 3rd MBBS had attended the KMC Erevna conference in quest of expanding the horizons of our medical knowledge. Conference was held between 2nd to 5th of May 2024. On the first day we attended the quiz prelims as a team. The following day she participated in a poster presentation on the topic- Spectrum of congenital anomalies in fetal autopsies: An experience of a decade in tertiary care hospital". Further they attended the STROKE SYMPOSIUM WORKSHOP where they were given the first-hand experience of catheterization. The highlight was the group discussions regarding MRI and CT. Overall it was a highly educational and informative venture, we would like to thank JSS faculty for letting us be a part of the same.



Mr. Shaurya Kant and Mr. Vansh Shukla of 2nd MBBS had participated in the EREVNA Undergraduate Medical Conference was organized between 3rd to 5th May in Kasturba Medical College, Mangalore.



Ms. Sharenya Chowdhary of 2nd MBBS had participated in the EREVNA Undergraduate Medical Conference was organized between 3rd to 5th May in Kasturba Medical College, Mangalore. She had presented poster on the topic- “Pink pulseless hand: The surgical dilemma of vascular exploration in supra condylar fracture” and also attended workshops in the conference.	
Ms. Mouli Mandal, Ms.Nishika Gupta, Ms.Mridusmita Hazarika and Ms. Snigdha Muthyala had participated in the EREVNA Undergraduate Medical Conference held between 3rd to 5th May in Kasturba Medical College, Mangalore. They attended workshops in Emergency medicine and Radiology with hands on experience on thrombectomy and catheterization. They also took part in Quiz.	
Ms. Kalyani (MBBS Phase III Part 1) had participated in the EREVNA Undergraduate Medical Conference held between 3rd to 5th May in Kasturba Medical College, Mangalore and presented case – “Spontaneous hemothorax in the immediate postpartum period: A fatal complication of neuro-fibromatosis” guided by Dr.Jayashree S.	
Mr. Shaurya Kant of 2nd MBBS had participated in the ICTD quiz organized by Indian society of clinical research (ICSR) and (ACCRI) on 20th May 2024. He was awarded certificate of appreciation for winning the Preliminary round.	**ICTD Quiz 2024** 
Kanishka Garg, 2nd MBBS had participated in ICTD quiz organized by Indian society of clinical research (ICSR) and (ACCRI) on 20th May 2024 and he had cleared the preliminary Round.	
<u>Anat Art fest 2024</u> Ms. Stuti Jajodia, Ms. Vanshika Jaimini, and Ms. Sana Singh of phase II MBBS had attended Anat art fest in Father Muller Medical College, Mangalore, held on 18th May, 2024. The competition consisted of three rounds, Davinci round, candid clicks round and magic fingers round. The top 5 teams selected for the 3rd round. Ms. Stuti and team secured 3rd position in the competition.	

Activities conducted by BIBLICHOR under the aegis of Literary committee

Biblichor – (the Literary Club) under the aegis of Literary and Magazine committee, JSSMC, had organized an event "Bibli-code" on 12th May, 2024, in Sri Rajendra Auditorium. This event was innovated with the purpose of reaching out to all the literary-minded students here at JSS- so that they may join this community and explore all that Biblichor has to offer!

The event was attended by 25 enthusiastic participants, including 1st, 2nd years, 3rd and also 4th year students! When they first arrived, they were asked to introduce themselves, and talk about their interests—following which the Club Core Members did the same. After this short, ice- breaking discussion, the Organizers proceeded to explain the event- it's objectives, the included rounds, and the prize. The competition started with the first round— **Book Title Pictionary!**

In this game, Participants were given a list of well-known novels of a wide range of genres. They then had 15 seconds to have an overall look at the list, and 120 seconds to depict their book titles by drawing them! This fast-paced game proved to be a great bonding experience, as teammates cheered each other on, and our quick-thinking participants enjoyed this test of their Literary knowledge.



The next game was called **Character Charades!** In this dumb-charades-Esque game, participants were asked to pick a chit out of a bowl containing about 50 popular and beloved Characters- spanning from young adult picks such as Harry Potter, to Classic heroes such as Sherlock Holmes. The attendees depicted each character with extreme precision, and had a great time guessing their favorite literary icons!

This was followed by a unique, tough, but extremely enjoyable game called **Pass the Perspective!** Team members were asked to sit in a line, and the first person was asked to start off a storyline- they were to tell a story with the utmost grammatical precision, no gerunding, pausing, etc. If they fumbled- the chance moves to the next person! This allowed the participants to let their imaginations run wild, and put their speaking skills to the test!

Last but not least, was a game called **Bad Plots.** This was a quiz-like buzzer round, wherein the organizers recited a list of plots of famous novels- but in a bad way! Each novel was summarized in a sentence or two, and the participants then had to guess the book by this synopsis. This was the ultimate test of the extent of their literary prowess- and the students enjoyed being reminded of their avid reading days.

All of these games were designed keeping in mind the Literary Events of Tatvam 2024! The aim was to familiarize students with events such as Potpourri, JAM, Shipwreck and Literary Marathon- and therefore encourage participation. Each round was discussed by the core members, and participants were given pro-tips regarding the best way to win these games!

The event was closed with the tallying of the scores, and picking the Winners and First-Runner-ups! Winners were awarded with a free ticket- providing direct entry into the second rounds of Potpourri and Literary Marathon. The 2nd team was given the same- but for a single event. The organizers then thanked everyone for coming, and the event ended on a successful note.

REPORT- Book Exchange

On February 25th, Biblichor had organized an event called “Trading Tales” for bibliophiles. The attendees enthusiastically participated in insightful book discussions, discussing their favorite books and sharing their thoughts with like-minded individuals. Readers immersed themselves in a plethora of activities centered around their love for literature and reading.

Each reader attended the event with a book of their choice and discussed why they picked that particular book, why they liked it, and why they would recommend it to others. Works such as George Orwell’s “1984,” Ray Bradbury’s “Fahrenheit 451,” and Murakami’s “Norwegian Wood” were among the large number of books that were discussed.

Attendees exchanged books with other readers based on their recommendations. The event successfully fostered a sense of community and encouraged other students to become part of that community.



Graduation day- Release of College Magazine

Annual college magazine Samarthya 2023-24 was released on 23rd March 2024 in the Divine Presence of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji by Dr.C.G.Betsurmath (Executive Secretary JSS Mahavidyapeetha). Dignitaries present during the occasion were, Dr.Shashank R Joshi, Senior consultant Endocrinologist, Lilavati hospital & Research centre, Mumbai. Dr.B.Suresh (Pro Chancellor) Dr.Surinder Singh (Vice Chancellor, JSSAHER), Dr.Prashanth V (Director-Research), Dr.R.Sudeendra Bhat (Controller of examinations), Dr.B.Manjunatha (Registrar, JSSAHER), Dr.Basavana Gowdappa (Principal, JSS Medical college), Dr.C.P.Madhu (Medical Superintendent, JSS Hospital), Dr.Suma M.N. (Vice principal- Pre) Dr.Praveen Kulkarni (Vice Principal- Para clinical), Dr.Manthappa M (Vice principal- Clinical), Dr.Tejashree A (Chairperson – Literary & Magazine committee) Dr.Pushpa N.B (Member secretary, Literary & Magazine committee), Dr.Aishwarya Bhat & Dr.Shreyas Eswaran.



Institutional Accomplishments

The Times Higher Education Impact Rankings 2024

		
Global Ranking: 1st	**Global Ranking: 12**	**Global Ranking: 21**
		
Global Ranking: 49	**Global Ranking: 60**	**Global Ranking: 78**
		
Global Ranking: to 200	**Global Ranking: top 200**	**Global Ranking: 400 -600**
JSS ACADEMY OF HIGHER EDUCATION & RESEARCH (DEEMED TO BE UNIVERSITY) MYSURU	**Global Ranking: 101-200**	
We at JSS Medical College Support Sustainable Development Goals		



JSSAHER ranked 1st in the world for SDG-3 (Good Health & Well-Being) with a overall rank of 101-200



JSS Medical College campus has successfully been certified for ISO 50001:2018 (Energy Management systems) and ISO 14001:2015 (Environmental Management systems) on 18-04-2024



JSS Medical College has been featured as "Top 10 Educational Colleges to watch" in the Inner Review – Accelerating Business magazine in June 2024 edition. This magazine has Worldwide subscription of more than 10 lakhs.

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17 PARTNERSHIPS FOR THE GOALS



Maha Upanishad 6.72

अयं बन्धुरयं नेति गणना लघुचेतसां उदारचरितानां तु वसुधैव कुटुम्बकं

ayam bandhurayam neti ganana laghuchetasam udaracharitanam tu vasudhaiva kutumbakam

The narrow-minded think "This person is mine, and this one is not".
For those of noble conduct the whole world is one family.



Vasudhaiva Kutumbakam

वसुधैव कुटुम्बकम

"vasudha", the earth
"iva", is
"kutumbakam", family

Contributors



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COLLABORATIVE ACTIVITIES

GUEST LECTURES

Date	Guest Speaker	Topic / Organizing Department	Photographs
20th July 2023	**Dr. Sachin Jadhav** Haematologist	"Current diagnosis of leukemia" was organized by Dept. of Pathology	
24th July 2023	**Dr.Parigi Ramesh Kumar** Senior Principal Scientist, Technology transfer and business development co-ordinator (ISTU), CSIR-CFTRI **Ms.Neha Srivastav** Patent Attorney, Remfry and Sagar, Bengaluru **Dr.B Kumar** Senior Technical Officer, CSIR-CFTRI	"Patenting Medical Inventions: Protection of Intellectual Property Rights in Biotechnology Research and Innovation" was organized by The School of Public Health, and Institution Innovation Council, JSS Academy of Higher Education and Research, Mysuru, in association with the CSIR-CFTRI, Mysuru	
28h July 2023	**Thermofischer**	Nano drop demonstration organized by Department of Biochemistry and SIG-CBCSC	
4th August 2023	**Dr. Suhaim Afsar** Consultant Neonatologist, Motherhood Hospital	"Lung Ultrasound in Neonates" organized by the Department of Pediatrics	

7th August 2023	**Dr. Prashanth Patil** Consultant in Metabolic Medicine, University Hospitals of Leicester, UK	"Recent Advances in Lipid Management" organized by the Department of Medicine	
11th August 2023	**Dr. Veena Patel** FRCP Rheumatology and FHEA	"Osteoporosis Management" organized by the Department of Orthopaedics	
21st August 2023	**Dr.Jaganath Vinayak Dixit**, Professor, Dept. Of Comm. Medicine B.J. Government Medical College, Pune	Life style modification for weight loss and Diabetes mellitus	
21st August 2023	**Dr. Manimaran Paramasivam** Application Specialist, Spinco Biotech	"The Only Reliable Sample -To- Answer Solution for Single Cell High Dimensional Immuno Profiling - CyTOF Single Tube Cytometry" organized by the Department of Biochemistry	
21st August 2023	**Dr. Divyank Mahajan** Application Specialist, Spinco Biotech	"Your Guide to Single-Cell Spatial Genomics-Explore New Dimensions With MERSCOPE" organized by the Department of Biochemistry	

22nd August 2023	**Dr. Chethan Manohar** former HOD of Pathology, Former Laboratory Director, Hematopathologist, KMC, Manipal	"Slide seminars in Hematology" organized by the Department of Pathology	
23rd August 2023	**Dr. Koramala Naveen Kumar** International Research Professor, School of Mechanical Engineering, Yeungnam University, Gyeongsan, Gyeongbuk, Republic of Kore	"Biocompatible certain Rare Earth Ions incorporated Quantum Dots / Nanophosphors for Forensic Latent Finger Print, Optical Thermometry, BioFluorescence and Anticancer Applications" was organized by Department of Biochemistry	
28th August 2023	**Prof. Ashish Laxminarayana Shetty**, Asso. Professor, University College, London, visiting professor in Anaesthesiology and Pain Medicine, Consultant University College, London Hospitals, Consultat	AI and Cloud Computing in Medicine	
1st September 2023	**Dr. Narasimha Rao** Consultant neonatologist, England Lead for Resuscitation, Respiratory Medicine Guidelines & Simulation, Training program Director, Health Education England	"Safer airways in neonates" organized by the Department of Paediatrics	
18th September 2023	**Dr. Ashwini C Appaji**	"Relevance of Anatomy in Clinical and Surgical Sciences" organized by The Department of Anatomy	

10th October 2023	**Dr. Rajendra Prasad** Emeritus Professor, National Academy of Medical Sciences, India	Approach to Chest X-ray and CT Thorax	
12th October 2023	**Dr. Vittal R Nagar** Pain Management & Rehabilitation Specialist., St.Croix Regional Medical Center / Kinisi Institute	"Orthopaedics related interventional chronic Pain Management" organized by the Department of Orthopaedics	
13th October 2023	**Dr. Anand Kumar K** Consultant in Haematology, Bone Marrow Transplant & Paediatric Oncology, SPARSH Hospital	"How I manage Thalassemia" organized by the Department of Paediatrics	
31st October 2023	**Dr. Sudarshan Shetty** Associate Professor Department of Anaesthesiology, University of Minnesota, USA	"Role of POCUS in peri arrest scenario" organized by the Department of Anaesthesiology	
22nd November 2023	**Dr. C Viswanathan** Senior Scientific Officer at Mediomix Diagnosis and Bioresearch Pvt. Ltd., Bengaluru, Karnataka	Overview of RNA-sequencing analysis" organized by the Department of Pharmacology	

23rd Nov 2023	**Dr. Ilham Zaidi** Program officer at PATH (NGO) in Uttar Pradesh	"Neglected Tropical Diseases" Organized by the School of Public Health Department	
23rd Nov 2023	**Dr Balu PS,** Director-Center of Digital Health, AI, Research &Training Basveshwara Medical College & Hospital, Chitradurga	"Artificial Intelligence Applications in Pharmacology practice" organized by the Department of Pharmacology	
4th January 2024	**Dr.Satyan Lakshminrusimha** UC Davis University, California **Dr.A.S.Vasudev** Paediatric Nephrologist, Delhi	UTI in children-New current Guidelines organized by the department of Paediatrics	 
8th January 2024	**Dr.Deepa R.Bandi** (Principal Scientist) at Regulatory Bioanalysis Laboratory of UCB Biopharma, Belgium	SIG-CBCSC, Department of Biochemistry	
22nd January 2024	**Dr.Chandrashekar** Associate Dean (Academics), Professor, Department of Public Health Dentistry, JSS Dental College and Hospital	E-Learning module on tobacco counselling organized by the School of Public Health	

30th January 2024	**Dr.Sandesh C.S. Nagamani**, Professor, Department of Human and Molecular Genetics, Baylor College of Medicine. Texas, USA	Urea cycle disorders-Treatment and Therapeutic modalities organized by the department of Medical Genetics	
6th February 2024	**Dr.Rufia Shaista Khanum** MPH Alumni, Ex RRT Consultant at WHO	"Breaking Barriers: A Woman's Public Health Journey in Hard-to-Reach Areas" organized by the School of Public Health	
22nd February 2024	**Dr.Basavaraj Balapal**, Associate Professor, Department of Psychiatry, NYU Medical Centre, USA, Faculty at Colombia University Medical Centre, NY, & Scientist	Unlocking the epigentic symphony: Histone acetylations impact on neurobehaviour in neurodegenerative disorder organized by the department Psychiatry	
27th February 2024	**Mr.Prabhakar Ashwin** Vice President KADAK	Six Sigma in healthcare: Improving quality and efficiency organized by the Department of Biochemistry	
7th March 2024	**Dr.Javad Anjum** Assistant Professor, Department of Communication Sciences and Special Education, University of Georgia, USA	Between Remembering and Forgetting: Contextualizing Mild Cognitive Impairment (MCI) as the Gentle Nudge towards Cognitive Care & Longevity organized by the School of Public Health	

22nd March 2024	**Dr.M.A.Shekar** former Professor of Endocrinology, MMC & RI and Vice Chancellor, Adichunchanagiri University, Adjunct Faculty, JSS AHER	Primer on Diabetes organized by the Department of Medicine	
26th March 2024	**Dr.Suvilesh Kanve Nagaraj** Research Scientist, Department of Surgery, Ellis Fischel Cancer Center, University of Missouri-Columbia	Preclinical cancer models: Efficient tools to elucidate drug resistance and metastasis mechanisms, enabling bench-to-bedside translation organized by the Department of Medical Genetics, JSS Medical College, Mysore & SIG – Human Genomics	
28th March 2024	**Mr. Akshay Gali** Regional Medical Advisor, Abott Health Care Pvt. Ltd	Antibacterial agents, classification, adverse effects and usage in ENT and Antimicrobial resistance organized by the Department of ENT	
3rd April 2024	**Dr.Sherin Susheel Mathew**	Genesys Pixelator organized by the Department of Pathology	
11th April 2024	**Dr.N.M.Shamasundar** Senior Retired Professor of Anatomy, Ex-Dean, Biomedical Sciences, JSS University	Plastination techniques demonstration organized by the Department of Pathology	

15th May 2024	**Dr.Sethu V Madhavan** Gastroenterologist from Vanderbilt university, Nashville	Electronic medical records- Experience from USA organized by the department of Gastroenterology	
15th May 2024	**Dr.Siraj** (DTO) **Dr.GanapthyUppinal** (NTEP MO) **Dr.Kiran** (WHO consultant ,NTEP Bangalore) **Dr.Sarveswarakar** (Principal, JSSAH)	National Tuberculosis Elimination Program organized by the department of Respiratory Medicine	

CONFERENCE/ WORKSHOP/ CME/ SYMPOSIUM ORGANIZED IN COLLABORATION

Date	Organizers	Event	Photographs
14th and 15th August 2023	Department of Orthopedics, JSS Medical College & Hospital, under the aegis of Mysore Orthopedics Association	Cadaveric Workshop on Basic and Advanced Shoulder Arthroscopy	
21st November 2023	Dr M N Sumana, Professor of Microbiology, JSS Medical College and Hospital, Mysuru in association with MMC&RI	"TAG-AI" (Tackling antimicrobial resistance through gamification and artificial intelligence)	
23rd – 24th September 2023	Department of Psychiatry, Department of Clinical Psychology, Department of Geriatrics JSSMC & JSSH & JSSAHER along with the Indian Association for Geriatric Mental Health	19th Annual National Conference of Indian Association for Geriatric Mental Health (GERON 2023)	

13th December 2023	Department of OBG in association with GSK Pharma	Session on AUB & Hands-on training in Merina insertion	
13th December 2023	Department of OBG in association with Serum Institute	Preventive Oncology CME	
15th – 16th September 2023	The Department of Pediatrics, JSS MC, in collaboration with Indian Academy of Pediatrics, Mysuru (IAP)	IAP ADVANCED LIFE SUPPORT (IAP-ALS) provider course	
10th December 2023	Department of Dermatology and IADVL SIG Pediatric Dermatology	Pan India CME ON Therapeutic advances in pediatric dermatology	
20th August 2023	Department of Nephrology in association with MPMRT and API on	Annual Nephrology Update 2023	

2nd to 4th January 2024	The Department of Respiratory Medicine along with the Department of Biochemistry (DST-FIST Supported Department), JSS Medical College, Mysore Karnataka in collaboration with Department of Environmental Science and Engineering, Indian Institute of Technology Bombay, (IITB), Mumbai, Maharashtra, India and Institute of Environmental Medicine (IMM), Karolinska Institutet, Stockholm, Sweden	Indo Swedish Conference on "Air Pollution and Respiratory Toxicology and Workshop on "Methods of Assessing Cytotoxicity, Anti-oxidant, Anti-inflammatory and Reactive Oxygen Species (ROS)"	 
12th May 2024	Department of Dermatology, JSS Medical College and Mysore Medical College and Research Institute with Mysore Dermatology Society	CME ON "Role of Technology in Health Sciences"	
11th May 2024	JSS Hospital and the Mysore Society of Genito-Urinary Surgeons (MYSOGUS) under the aegis of the Karnataka Urology Association (KUA).	Live Operative Workshop –KUA - MYSOGUS Pediatric UROCON- 2024	 

24th May 2024	JSSAHER Skill & Simulation centre in Association with JSS Ayurvedic medical college and IAP – Mysuru	Basic NRP Workshop	
2nd June 2024	Department of Clinical Immunology and Rheumatology, JSS Medical College and Hospital in association with Indian Rheumatology Association, IRA-Karnataka Chapter, API Mysore and IMA East Branch, Mysuru	State level CME on Challenges in Rheumatic diseases	
6th March 2024	District Health and Family Welfare Services, Chamarajanagara, the Institute of Public Health, Bengaluru, and the Centre for Training Research and Innovation in Tribal Health	Panel discussion: Ambari Sickle Cell Disease Health System Project	

CO-CURRICULAR ACTIVITIES

6th April 2024	Dept of Microbiology conducted a organized by PGIMER Chandigarh in collaboration with the Society for Antimicrobi-al Stewardship Practic-es in India (SASPI)	preliminary Round Quiz titled - “Contextualized Approach to Antimicrobial Stewardship”	 

8th April 2024	The Department of Community Medicine, JSS Medical College, Mysuru, in collaboration with IAPSAM (Indian Association of Preventive Social Medicine)	World Health Day Nation-wide Quiz 2024	
25th February 2024	Organization for Rare Disease India (ORDI)	Race for 7 – 9th Edition: awareness run to address the challenges of rare disease patients and their families in India	

ACTIVITIES OF ACADEMIC SOCIETY

Date	Guest Speaker	Topic / Organizing Department	Photographs
14th July 2023	**Dr.Purnima Madhivanan** Associate Professor, Health Promotion Sciences Department, The Mel & Enid Zuckerman College of Public Health, The University of Arizona, Tucson	Bridging the gap from cancer screening to survivorship : Mysuru experience organized by the Academic Society	
22nd July 2023	**Dr. Vinod Ravindran**, Consultant Rheumatologist, Centre for Rheumatology, Calicut Kerala, Associate Editor Rheumatology (Oxford)	"How do get your research published- Tricks and Traps" organized by the Academic Society	

HEALTH CAMPS CONDUCTED IN COLLABORATION WITH OTHER AGENCIES

World Population Day – 11-07-2023



On the occasion of World Population Day 2023,

In association with Jana Shikshan Sansthan, Department of Community Medicine, JSS Medical College and JSS Urban Health Centre, Bamboo Bazaar, conducted an awareness program to the beneficiaries of tailoring course in JSS UHC premises.

Observation of Adolescent Day – 01-08-2023



Department of Community Medicine, JSS Urban Health Center, JSS Medical College, Mysuru observed Adolescent day in association with Inner wheel club of Mysuru Gold. A Programme was organized to create an awareness on Menstrual Health and Hygiene to girls studying in 5th to 10th standard of Government Higher Primary school and Government High School Yadavagiri, Mysuru at Yadavagiri school premises on 01.08.2023.

World Breastfeeding week – 02-08-2023 and 04.08.23



Department of Community Medicine observed Breastfeeding week at JSS Urban Health Center on 02.08.2023 in association with Inner wheel club of Mysuru Gold and Inner wheel club of Mysuru Midtown at JSS Urban Health Center and at Anganwadi Centre, Medar Block.

Tree sapling – Observation of Independence Day – 14-08-2023



Department of Community Medicine, JSS Urban Health Center, JSS Medical College, Mysore had organized Tree saplings Planting Program in association with Rajeev Sneha Balaga under public private partnership at JSS Urban Health Centre on 14.08.2023 on the eve of 77th Independence Day

NAFLD/NASH Screening Camp – 04-08-2023



The Self-Interested Group for Liver and Life in association with School of Public Health, Department of Gastroenterology, Department of Nutrition and Dietetics, and Echosens, spearheaded a significant public health initiative. A screening camp focused on Non-Alcoholic Fatty Liver Disease (NAFLD) and Non-Alcoholic Steatohepatitis (NASH) was successfully conducted on the 4th of August-2023 at JSS Medical College for staffs of JSS Medical college, Dental College, Pharmacy College and FLS. The camp served as a pivotal platform to enhance awareness about these emerging liver conditions while emphasizing the importance of early detection and intervention.

HPV Vaccination Programme - 19.12.2023

PHRII and JSS AHER are committed to vaccinate 200 girl children across Mysuru. School of Public Health, Department of Pediatrics have joined hands together in this endorsement. The HPV Vaccination Program aimed at rural and peri-urban adolescent girls in Mysuru, aligning with WHO's Global Strategy for Cervical Cancer Elimination







World Diabetes Day Celebration – 15-11-2023

Department of General Medicine, JSS Medical College and Hospital in association with KRSSDI and API Mysore Chapter takes pride in informing that a **"WORLD DIABETES DAY"** was celebrated on 15th November, 2023 at JSS Hospital lobby followed by CME.

ABSTRACT OF CME / SEMINAR / CONFERENCE /CONDUCTED / ATTENDED BY THE FACULTY

International Conferences /workshop conducted	National Conferences /workshop conducted	State / Institutional Conferences /workshop conducted	Guest Lectures conducted	Guest lecture delivered	CME, conferences attended by the faculty (Webinar)	Academic/ Industrial experts / adjunct faculty visits
06	19	55	38	424	954	100

RESEARCH COLLABORATIONS AND CONSULTANCIES

Sl No	Collaboration with Institution name	Area	Objectives
1	Institute of Public Health	Hemoglobinopathies	CTRITH
2	Tata Institute for Genetics and Society (TIGS)	Genetics	Joint research in disease biology, community engagement in the field of blood disorders and social science research in understanding the challenges and needs of patients with blood disorders between the JSS Medical College, Mysuru (JSSMC, Mysuru) and the Tata Institute for Genetics and Society (TIGS).
3	Bodoland University, Assam	Cognitive abilities among SCD children	Cognitive abilities between hydroxy urea treated & untreaded SCD children
4	CSIR-CFTRI and JSS STU, Mysore	AI and Diabetes	To develop a personalized meal plan for individuals with diabetes using artificial intelligence
5	Bangalore Baptist Hospital	Spinal Muscular atrophy	Standardizing and developing a PCR-based diagnostic tool to identify SMN1 exon7 deletion.
6	Center for cellular & Molecular Biology, Hyderabad	Genetics of Diabetes Mellitus	Research Collaboration
7	The Genomic Medicine Foundation UK (GMF-UK)	Medical genomics	To formulate multi-centric collaborative research and development projects in Medical Genomics. To publish outcomes of joint research collaborations in peer reviewed open access biomedical journals and online resources. To develop protocols and establish links for providing quality molecular diagnostic laboratory services at JSS Hospital and Medical College.
8	Public Health Research Institute of India	Cervical Cancer	Screening of women for cervical cancer using HPV kit and collaborative publications
9	Indian Institute of Science	Cancer and Diabetes	Research and academic collaboration

10	Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare	Caner Biology	To collaboratively undertake research on finding novel drug targets, isolation of compounds of medicinal value from herbal products.24. To share competent and relevant services like providing Ayurvedic formulations to ensure quality research in finding novel drug targets. To undertake joint scientific projects in the field of drug development.
11	The Leads Clinical Research and Bio-services Pvt.Ltd, Bengaluru	Pre-clinical trials	Conduct of Clinical - Preclinical trials at JSS Medical college and hospital Exchange of facilities and expertise for collaborative or Independent research and publications based on the policies of both entitle
12	Defence Food Research Laboratory, (DFRL) Mysuru	Pre-clinical / clinical studies in the development of food products.	To facilitate ethical clearance in conducting human/ clinical trials of food products. To identify other areas of possible interest and collaboration. To identify opportunities for exchange of faculty and research staff.
13	JSS Science and Technology	Artificial Intelligence	Automatic tool for generation of electronic health records for breast carcinoma using pathology information
14	JSS Science and Technology	Artificial Intelligence	Normalization and Classification of Histopathology Electronic Health Records on Breast Cancer Using Nlpand Ml Approaches
15	Regional Cancer Centre, Trivandrum	Cancer Research	Student exchange, Collaborative research projects and publications
16	CMC Vellore	Bacteriophage therapy	To access the activity of bacteriophage against MDRO GNB
17	Shastra University	Biofilm	To access the activity of Hypoxanthocyanidine against the biofilm
18	Swami Vivekananda Youth Movement, Mysore	Tribal health	To collaboratively undertake health care research especially focused on public health To share competent and relevant human resources for training health care professionals. To undertake joint consultancy assignment in public health.
19	Institute for Global Public Health Frank H. Netter MD School of Medicine Quinnipiac University, USA	Global public health	Joint or co- operated scientific research in selected areas of mutual interest.

20	GRAAM	Urban Youth Governance	To develop students of MPH with professionalism, leadership and to be socially responsible youth of the nation. To Build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. To Mentor students in the space of urban governance and to conduct group research, for in-depth understanding of the urban governance issues. To embrace the challenges of the 21st Century by being part of the governance system and to find innovative solutions to new age challenges
21	University of Arizona	International Collaboration for empowering Public Health Education	To work jointly in developing and implementing research with regard to health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage. Joint PhD programme & internship training
22	Piramal Swasthya	Public Health, Tribal Health	Collaborative research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, neglected tropical diseases and other key elements of health for all and universal health coverage.
23	Novartis	Sickle Cell Disease, Health system strengthening	Identification of Mentors & Formation of state specific SCD Technical Committee to conceptualize and implement SCD care model in the region Education & Certification Program of HCPs managing SCD in Karnataka Development of SCD management protocol: Defining the way forward charter to establish Integrated SCD
24	Institute of Public Health, Bengaluru	Public health	To work jointly in developing and implementing research, including but not limited to research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage.
25	Mysore Physicians Medical and Research Trust	Thyroid dysfunction among pregnant women	Thyroid dysfunction and thyroid autoimmunity in women with iron deficiency anaemia in early pregnancy
26	Nesa MedTech	Uterine fibroids	RFA of Fibroid
27	iMERA.AI (UK)	AI	Efficacy of deep learning algorithms in reporting MSK Radiographs

28	Aikenist	AI	Fast MRI
29	JSS Academy of Technical Education, (JSSATE), Bengaluru	Biomedical applications in wound therapy	To provide laboratory facilities for determination of the antimicrobial activities Evaluation of rationally designed novel peptide-based biomaterials prepared by Faculty from JSSATE, Bengaluru and their students towards the biomedical applications such as wound therapy and tissue engineering. Development of novel material for the prevention of adhesions such as catheter coating.
30	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter
31	Indian Institute of Technology-Bombay (IIT-B), Mumbai	Air pollution and lung function	Lung function in children and effects of long-term exposure to traffic induced pollution
32	USI & KEM hospital, Mumbai	Urology- Prostate	Audit of patient's characteristics and surgical practices of management of BOO due to BEP among Indian population
33	MS Ramaiah Medical College, Bangalore	Epilepsy	To evaluate and treat Drug resistant epilepsy, Surgical options for intractable epilepsy
34	AIIMS, New Delhi	COVID-19 Pandemic in Children and MIS-C	To understand the neurological manifestations of COVID-19 and Multisystemic Inflammatory Syndrome in Children (MIS-C) in children aged up to 18 years and psycho-social issues in children aged up to 18 years with pre-existing neurological disorders during the pandemic
35	Indira Gandhi Institute of Child Health	Duchenne Muscular Dystrophy	To identify and validate novel biomarkers for screening and monitoring Duchenne Muscular Dystrophy (DMD) by conducting comprehensive proteomic analyses of serum and plasma samples collected from DMD patients, female carriers, and age-matched healthy controls.
36	Sudhi Shubha Chemsynthons	Duchenne Muscular Dystrophy	To identify and explore the potential of repurposing existing drugs using the in-silico Schrodinger Suite for improving the DMD condition by modulating the Utrophin levels. Confirming the action of identified drugs on DMD models under wet lab conditions. Investigating the underlying mechanisms of action of the drugs in DMD models and correlate these findings with their phenotypic effects.
37	WIPRO Limited	Genetics	To send samples to WIPRO for exome sequencing. It will help mutually in extending the scope of our diagnostic services with inclusion of NGS data analysis as one of the tests in our Medical Genetics laboratory.

38	Indian Institute of Science	Cancer and Diabetes	To work in the direction of Cancer and Diabetes
39	Grassroots Research and Advocacy Movement (GRAAM):	Education	To build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. To Mentor students in the space of urban governance and to conduct group research, for in-depth understanding of the urban governance issues. To embrace the challenges of the 21st Century by being part of the governance system and to find innovative solutions to new age challenges.
40	JSS Science and Technology University, Mysuru	Dermatology	To develop Dermoscopy useful in Lichen Planus.
41	Clinical Psychology Society of India	Psychology	To work in the area of impact of bereavement after snake bite on family members and identifying mental health issues in snake bite survivors
42	Boston University	Educational	To facilitate understanding of Indian Health Care System
43	Asia Pacific League of Associations for Rheumatology (APLAR)	Rheumatology	To conduct longitudinal prospective cohort study: Clinical scenario stage association with gout. To properly approach gout in the Asia-Pacific setting, physicians need local gout data to learn more about patients' clinical characteristics, response to medical management, and treatment outcomes.

CLINICAL TRIALS

Sl. No.	Name of faculty (Chief Consultant)	Client Organization	Protocol ID	Current status
1	Dr Prashanth S N	Sun Pharma	SPIL/PC/Prohance junior/ PIV-01-202	Ongoing
2	Dr Manjappa M	Skanray Technologies	ECG machine	Closed
3	Dr M D Ravi	Biological E Limited	BECT 057/TCV-PIII/CTP-02	Closed
4	Dr T S S Rao	CBCC Global Research LLP	CBCC/2019/004	Closed
5	Dr Ravi Kumar Y S	IQVIA	K-877-302	Closed
6	Dr Soumya H V	Syneous Health UK Ltd(Xbrane)	XBR1001	Closed
7	Dr Subramanian R	Klineria	GS-US-417-0304	Ongoing
8	Dr M D Ravi	Diagnosearch Pvt Ltd	SII-WHEXA-IN/02	Closed
9	Dr Srinath K M	CBCI	TIPS-03	Closed
10	Dr Soumya H V	Syneous Health UK Limited(Quilu)	QL1205-002	Closed
11	Dr M D Ravi	IQVIA	MET-55	Closed
12	Dr Narayanappa D	GlaxoSmithKline (GSK)	RSV MAT 09	ongoing
13	Dr Shilpa Avarebeel	Biological E. Limited	BECT074	ongoing

14	Dr Vikram Patil	Skanray Technologies Limited	Skan-C, Skan Mobile-DR,Skan-HF	Closed
15	Dr T S S Rao	Clianta Research Ltd	PALI-ISR-1002	ongoing
16	Dr T S S Rao	Clianta Research Ltd	C2A00324	ongoing
17	Dr Prathibha Pereira	Bharath Biotech International Ltd	BBIL-BBV/152/154-2021	Closed
18	Dr Deepthi Thandaveshwara	Johnson & Johnson Private Limited	VAC31518COV3006	ongoing
19	Dr T S S Rao	Clianta Research Ltd	C2A01319	ongoing
20	Dr Deepthi Thandaveshwara	CBCC Globlal Research LLP India	CBCC/2020/029	Closed
21	Dr M D Ravi	Iqvia RDS(India) Pvt. Ltd	SII-PENTA/IN-02	Closed
22	Dr Gurudatt C L	Abiogenesis Clinpharm Pvt Ltd	TML/REMI-01	ongoing
23	Dr Mahesh P A	QED Clinical Services	AP-019	Closed
24	Dr Prathiba Pereira	JSS Medical Research India Pvt. Ltd	DRL-SLB-007	ongoing
25	Dr M D Ravi	Biological E. Limited	BECT072	ongoing
26	Dr Shilpa Avarebeel	JSS Medical Research India Pvt. Ltd	RDI-GCV-001	Closed
27	Dr P A Mahesh	Pharm Olam International (India) Pvt Ltd	AR-301-002	Closed
28	Dr Veeranna S	GlaxoSmithKline (GSK)	Zoster-081	ongoing
29	Dr Jayaraju B S	Paraxel International Pvt Ltd	SG018	Closed
30	Dr M D Ravi	Sanofi Health Care	SH600004	Closed
31	Dr Praveen Kulkarni	PPD Pharmaceuticals	ICMR/SII-COVOVAX Adult	
32	Dr Jaishankar	Skanray Technologies Limited	SKAN-RAD (Dental)	ongoing
33	Dr Praveen Kulkarni	PPD Pharmaceuticals	ICMR/SII-COVOVAX Pediatric	
34	Dr Subhash Chandra B J	Diagnosearch Life Sciences Pvt. Ltd	GBL/HGO20/2021/01	ongoing
35	Dr T S S Rao	Clianta Research Ltd	C2A00692	Closed
36	Dr T S S Rao	Clianta Research Ltd	C2A00946	Closed
37	Dr Akshay H M	Syngene International Pvt. Ltd	EX003	Closed
38	Dr Narayanappa D	GlaxoSmithKline (GSK)	RSV MAT 12	ongoing
39	Dr Soumya H V	Iqvia RDS(India) Pvt. Ltd	OPT-302-1004	ongoing
40	Dr Jayaraju B S	Paraxel International Pvt Ltd	0135-0347	Closed
41	Dr Praveen Kulkarni	PPD Pharmaceuticals	ICMR/SII-COVOVAX Booster	Closed
42	Dr Sunil Kumar S	Center for Chron	Topsin (0315-0347)	Ongoing
43	Dr Akshay H M	Syngene International Pvt. Ltd	LYT-100	Closed
44	Dr T S S Rao	Clianta Research Ltd	C2A01730	Closed
45	Dr Prathibha Pereira	Abiogenesis Clinpharm Pvt Ltd	HBI/Deng/I/2020/003.01.00	Ongoing
46	Dr.T.S.Sathyanarayana Rao	Icon Clinical Research Pvt Ltd	RVP-30-001 RECOVER	Ongoing

47	Dr.T.S.Sathyanaraya-na Rao	Lotus Lab	CT/ARIP/2203	Ongoing
48	Dr P A Mahesh	Sanofi Health Care	LPS16676	Closed
49	Dr Manjappa M	Novartis Healthcare	CKJX839D12302	Ongoing
50	Dr Rudresh Hiremath	AIKENIST	Aiken_CT_001	Closed
51	Dr.T.S.Sathyanaraya-na Rao	Cliantha Research	HBT009	Ongoing
52	Dr Harsha S	Iqvia RDS(India) Pvt. Ltd	70033093STR3001	Ongoing
53	Dr Prathibha Periera	DNDi	Dengue Epidemiology	Closed
54	Dr M D Ravi	Biological E. Limited	BECT059	Closed
55	Dr P A Mahesh	Paraxel International Pvt Ltd	CDR/20	Closed
56	Dr.T.S.Sathyanaraya-na Rao	Veeda Clinical	21-VIN-0412	Ongoing
57	Dr Vikram Patil	Skanray Technologies Pvt. Ltd	PLN-000777-0-20	Ongoing
58	Dr M D Ravi	Sanofi Pasteur Inc.	MEQ00064	Ongoing
59	Dr M D Ravi	Sanofi Pasteur Inc.	VAD00019	Ongoing
60	Dr Narayanappa D	GSK Pharmaceuticals	RSV MAT 15	Ongoing
61	Dr M D Ravi	Biological E. Limited	BECT/PCV-Phase-IV/081	Ongoing
62	Dr Prashanth S N	Alkem Laboratories	MC/FRP/23-005	Ongoing
63	Dr M D Ravi	Serum Institute of India	SII-wHEXA/IN-03	Ongoing
64	Dr Soumya H V	Amneal E U Limited	MW230021	Ongoing
65	Dr Ramaswamy Sub-ramanian	AstraZeneca AB	D3460C00002	Ongoing
66	Dr Tejeswini C J	Janssen & Janssen	VAC52416BAC3001	Ongoing
67	Dr Manjappa M	AstraZeneca AB	D928DC00001	Ongoing
68	Dr Subhash Chandra B J	Serum Institute of India Pvt. Ltd.	SII-qHPV/IN-04	Ongoing
69	Dr Manjappa M	Skanray Technologies Pvt. Ltd	3-18-010-0139-44 (Skan revive)	Ongoing
70	Dr Sunil Kumar S	AstraZeneca Pharma India Ltd	D6970C00002	Ongoing

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators
1	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.
2	Comparison of Spot serum Creatinine estimation by Stat Sensor Creatinine meter and Serum Creatinine estimation by conventional enzymatic method	Dr Manjunath S Shetty Dr Manoj C Dr. Abhijith

3	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr.Suma K.B. DR Srinivasa Murthy Dr Kusuma K.S.
4	Ionised magnesium level in children admitted to paediatric intensive Care unit at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Akila Prashant, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy
5	Ionised magnesium level in children with acute covid 19 infections And post covid mis - c admitted under Paediatric department at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Swetha NK, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni.USA: Dr. Dennis Begos and Dr. Vishakantha Murthy
6	Reference range for whole blood ionized magnesium in healthy children Between 0-19 years of age.	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Shobha CR, Dr.Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy
7	A Correlation between total and ionized Magnesium levels in Chronic Heart Failure patients with reduced ejection fraction pilot study.	Dr. Manjappa, Dr. Swetha NK
8	Correlation between total and ionized Magnesium levels in Acute decompensated Heart Failure (ADHF) and Acute Coronary Syndrome (ACS) patients in a tertiary care hospital.	Dr. Manjappa Dr. Prashant Vishwanath,
9	Unrecognized ionized hypomagnesemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vishwanath,
10	Effects of therapy on estimated plasma volume (ePV) in patients with acute decompensation of chronic heart failure: A prospective observational study.	Dr. Manjappa, Dr. Kusuma KS
11	Ionized magnesium levels in critically ill Covid- 19 patients and its effects on the severity and patient outcomes	Dr. Akshay H. M, Dr. Sahana KR
12	Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti, Dr.Sushma, Dr.Akila Prashant
13	Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti, Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK
14	Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma, Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha

COLLABORATING INSTITUTIONS AND INDUSTRIES FOR RESEARCH AND ACADEMIC PURPOSE

INTERNATIONAL COLLABORATIONS			
	KAROLINSKA INSTITUTET ANNO 1810	QUINNIPIAC UNIVERSITY HAMDEN, CONNECTICUT	
MANCHESTER 1824 The University of Manchester	PRIFYSGOL BANGOR UNIVERSITY	UNIVERSITY OF OXFORD	THE UNIVERSITY OF CALIFORNIA, MERCED 1868
THE UNIVERSITY OF ARIZONA	I-CARE HEALTH TRAINING INSTITUTE	nova biomedical	IMERA
UNIVERSITAS BOSTONIENSIS CONDITA MDCCCXXXIX	SCIENTIA IMPERII DECUS ET TUTAMEN	University of Chester	Google
SKANRAY NOTHING IS OPAQUE	UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG	GVW GLOBAL VALUE W	janssen
GEORGIA STATE UNIVERSITY 1913	O'ZBEKISTON RESPUBLIKASI TOSHKENT TIBBIYOT AKADEMIYASI 19 20	GeorgiaState University	UNIVERSITI OF MALAY

WITHIN COUNTRY COLLABORATIONS


























































GUJARAT FORENSIC SCIENCES UNIVERSITY

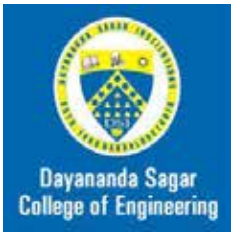

VIPRAGEN


ST PHILOMENAS COLLEGE
MYSORE
CARITAS IN SCIENTIA
PHILOS MEDIA


BODOLAND UNIVERSITY


Bangalore
Baptist
Hospital


KSTA


Dayananda Sagar
College of Engineering


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THIRUVANANTHAPURAM


TUMKUR UNIVERSITY
2004
KNOWLEDGE IS ETERNAL


REGIONAL CANCER CENTRE
THIRUVANANTHAPURAM


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The Fertility Specialists


M.S. RAMAIAH MEDICAL COLLEGE


J.S.S. ACADEMY OF TECHNICAL EDUCATION
NOIDA


wipro


SudhiShubha


INDIAN INSTITUTE OF SCIENCE
भारतीय विज्ञान संस्थान


INSTITUTE OF CHILD HEALTH


NOVARTIS




APLAR


CMC
Vellore


IGIB
INSTITUTE OF GENOMICS
& INTEGRATIVE BIOLOGY
Genomics Knowledge Partner



STUDENT OBSERVERSHIPS AND ELECTIVES

1. JSS Medical College, JSS Academy of Higher Education and Research hosted Asian Medical Students Exchange Program (AMSEP) between 04-07-2023 to 10-07-2023. Under this program, 10 students from Tzu Chi University, Taiwan (Ms. Yeh, yi-en, Ms. Chuang, ying-chi, Ms. Chen, kai-hsin, Mr. Guo, jia-ju, Mr. Ku, huang-hsiang, Mr. Kao, chien-yung, Mr. Cheng, bo-yu, Mr. Yang, tzu-chieh, Mr. Huang, ying-kai, Mr. Shih, huang-yu) and 02 students from AMSAEP National board were hosted. There were a series of events planned throughout their stay at JSS Medical College to foster both cultural and academic exchange. The activities included, visit to JSS Hospital, Skill lab, visit to Anatomy Museum, and JSS Urban Health Centre to understand grassroot level healthcare delivery. They also were exposed to Forensic club activities and dissection. For cultural exchange, the delegates visited tourist places in Mysuru, participated in cultural evening, sports, and also tasted Indian cuisine. The event was coordinated by our 3rd year medical students Ms G S Sanjana, Ms Deetya Kummeta, Ms Ananya Thaker, Mr.Darshith R Pillai,and Ms Shruti Singh.



2. Ms Khushi Dagli, student of Global Public Health from Quinnipiac University, Unites States completed observership in the Department of Community Medicine, School of Public Health, Hospital Administration, Department of Obstetrics and Genecology, and Pediatrics for a duration of 4 weeks, between 05/06/2023 to 01/07/2023 at JSS Medical College and Hospital.



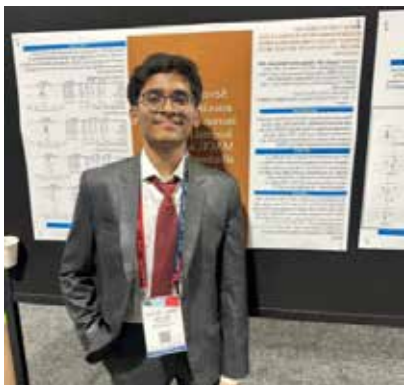
3. Dr. Akshai S, Dr. Shanmathy S: MSc Forensic Odontology Students, Saveetha Dental College, Chennai between 21/02/2024 to 27/02/2024. The primary objective of the visit was to observe the educational practices, campus facilities, and student life at JSS Medical College.



4. An orientation program for three scholars from University of Pennsylvania was conducted on 11th June, 2024 at the School of Public Health. Faculties from School of Public Health, Dr.D.M.Shilpa and Dr.Divya K.L. conducted the orientation program.

5. Mr Jithin Teja Kolli completed observership at Banner University Medical Centre, US between 6th to 31st May 2024 in the department of Internal Medicine. Mr Jithin Teja Kolli also attended the Society of Cardiovascular Angiography and Intervention (SCAI), held at California, US between 2nd to 4th May 2024 where he presented a poster titled “Impact of Pulmonary Hypertension on outcome after Mitral Transcatheter Edge-Edge Repair: Systematic Review and Meta analysis”







6. Mr Jathin Teja Kolli and Ms Jyoti Yadav completed observership between 1st April to 26th April, 2024 at Albert Einstein College of Medicine and Cardiac Care and Vascular Medicine, US



7. Ms Jyoti Yadav completed observership between 5th to 30th June, 2024 at Banner University Medical Centre, US at Dept of Internal Medicine



8. Ms Jyoti Yadav completed observership at East Advent Health, Orlando, US in the dept of Internal Medicine from 2nd to 26th May, 2024



9. Ms Sudipta completed observership/elective at Brookyln Hospital, Brooklyn, New York between 28/08/2023 to 24/09/2023

10. Ms Sudipta did observership/elective at Houston Methodist Hospital, Houston,Texas between 02/10/2023 to 31/10/2023





11. Ms Sudipta completed observership/elective at Capital Region Hospital, Maryand,DC between 31/07/2023 to 27/08/2023

12. Mr Shailesh Aggarwal completed observership/electives at Capital Region Hospital, Maryland, DC between 31/07/2023 to 27/08/2023, Barnesh Jewish Hospital, Washington University School of Medicine, St louis, Missouri between 28/08/2023 to 24/09/2023, and Houston Methodist Hospital, Houston,Texas between 02/10/2023 to 31/10/2023.

13. Mr Jay Ghori completed observership/electives at Jackson Park Hosp, Chicago between 26/06/2023 to 21/07/2023, Washington University between 01/08/2023 to 28/08/2023, Houston Methodist Hospital between 29/08/2023 to 21/09/2023, and Emory University between 01/10/2023 to 25/11/2023.

14. Ms Avani Singh and Ms Shruti Singla, students from JSS Medical College participated in the Asian Medical Students Outreach Program (AMSOP) in Delhi, an international volunteer initiative aimed at community service and health education.



INTERNATIONAL VISITS BY FACULTY/STUDENTS



Dr.Basavana Gowdappa, Principal & Professor of Medicine delivered a keynote lecture on "Health Delivery system in an Emerging Economy role of innovation for cost Effective Delivery: A case study from India" during International conference on Improving Efficiency and Effectiveness in Health Delivery Systems in Developing countries held from 21st to 23rd Nov.2023 at Pearle Beach Resort, Flic en Flac, Mauritius.

Dr. MVSST Subba Rao & Dr. Rajesh Kumar T, Professors, Department of Biochemistry participated in Indo-Sweden Workshop on Household Air Pollution and Health as delegates at Karolinska Institute, Stockholm, Sweden from 25th to 29th September 2023.





Ms. Dhanalakshmi, III Semester student of MPH participated as delegate in Eccar, Pollica, UNESCO from 3rd to 9th Sept.2023.



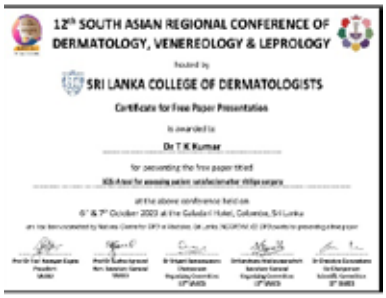
Dr.Amulya T.M., Senior Resident, Dept. of ENT presented paper on Novel Drug eluting nasal stents at our experience on 10th Nov.2023 through online mode.



Dr Manjula B.P., Professor, Dept. of Anaesthesiology presented a paper titled Lung protective ventilation during anaesthesia" at Singapore on 8th & 9th September 2023.



Dr. Prathyusha Papishetty, PG, Dept. of Dermatology presented a poster titled "Understanding and successful management of acute methotrexate toxicity: a case series" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023.

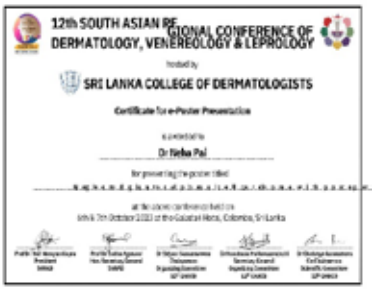


Dr.Tanmayi Komal, PG, Dept. of Dermatology presented a poster titled "SQS: a tool for assessing patient satisfaction after vitiligo surgery" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023.



Dr.C Aradita, PG, Dept. of Dermatology presented a poster titled "Clinico-dermoscopic and histopathological features of sweet'syndrome" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023

Dr.C Aradita, PG, Dept. of Dermatology presented a poster titled "Bleomycin induced flagellate pigmentation" at 12th South Asian Regional Conference of Dermatology, Venereology, and Leprology, Colombo on 6th & 7th October 2023





Dr. Anita Shyam; MBBS, M.D. Psychiatry; currently practicing in USA presented a lecture on Relevance of sexual medicine in clinical practice at SRCA, JSS Hospital Mysuru on 4th September 2023

Dr.Sowrabha.R, Assistant Professor of Nephrology & Dr.Vamshi Dharan, Senior Resident, 2nd year, DM-Nephrology participated as a delegate in the International conference on Glomerular disease study and trial consortium, Tokyo on Oct.2023. Both of them had received Travel grant from International Society of Nephrology for Primer on Glomerular Diseases, Tokyo 2023- 450 USD



ACADEMIC / INDUSTRIAL EXPERTS / ADJUNCT FACULTY VISITS

ESTEEMED VISITORS TO JSSAHER SKILL & SIMULATION CENTER





Dr. Soumya Swaminathan - Former Chief Scientist, WHO (04.07.2023)



Dr. Ramesh Babu - Professor/ Director, Navodaya Medical college (10.07.2023)



Dr. Narmadha - Amrita school of Pharmacy, Kochi (03.08.2023)



Dexna – USA(10.08.2023)



Delegate from Psychiatry conference



Margret Hiinerbein - CEO, Bili home, Vietnam (13.09.2023)



Dr. Sanjay K Maheshwari - Medical director, M.P Birla group of hospital, Satna (26.09.2023)



Dr. Shalabh Gupta - Dean academics, Santhosh Deemed to be university, UP - 29.09.2023



Dr. Lucky Gupta - Assistant proffessor, AIIMS -vijaypur (09.10.2023)



Dr. Sucheta Banerjee kurundkar-Principal Scientist II, Govt. Of India New Delhi (31.10.2023)



Dr. Chitte Ranjan chowdry,professor & academic dean, UK (31.10.2023)



Dr. O P kalra - Vice Chancelor, SGT University, Gurugram(01.12.2023)



Dr. S K Varshney- Dept. of Science & Technology, Govt. of India, New delhi (07.12.2023)





Dr. Deepak Khazanchi- University of Nebraska, Omaha (21.12.2023)



P K Pradhan- IAS Ex secretary health, Govt. of India (08.01.2024)



Dr. Janice litza, Physician – USA (09.01.2024)



LT CDR Vinod Singh Yadav- Deputy secretary UGC (18.01.2024)



Uessili Pepadoparlos – USC, Dr. Gauri G Rao USC (19.01.2024)





Amit Mohan Prasad - IAS, Additional Chief secretary MSME & Export promotion, Govt. of UP (20.01.2024)



Katsuhiko Ogasawara – Hokkaido university (22.01.2024)



Dr. Kasi V Sellappan – Gyn & OBG (24.01.2024)



Dr. Xavier Poshiwa Zimbabwe university (05.02.2024)



Mr. Javagal Srinath esteem cricketer (26.02.2024)



Akshay Ravandur, USA (Boston University) (03.05.2024)



Dr. C. D. Sreenivas (04.06.2024)





Rajneesh Tingal – Joint Secretary, dept. of pharmaceuticals (18.06.2024)

Academic Visit to JSSAHER Skill & Simulation Center



1st-year BAMS students of JSS Ayurveda Medical College on 04/01/2024



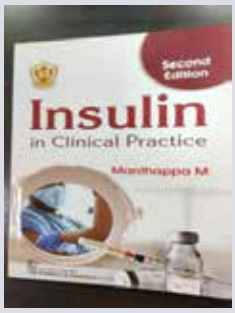
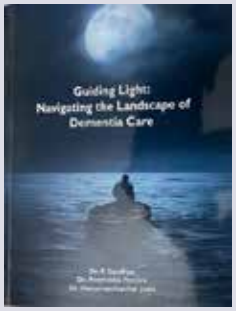
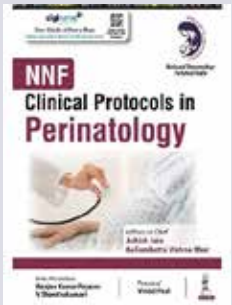
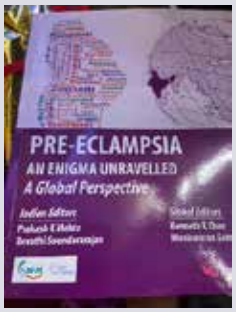
Students of JSS college of women Chamara-janagar on 04/05/2024

Academic visit to Anatomy Museum

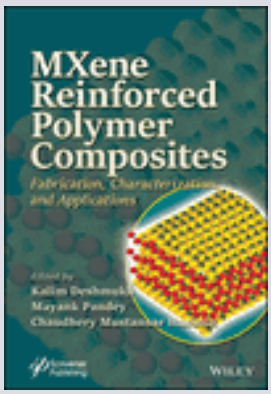
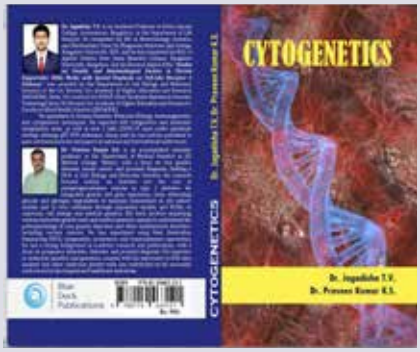


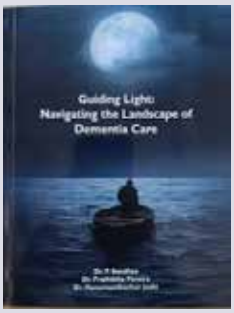
Medical Physics Students, School of Life Science, JSS AHER visited the Anatomy Museum on 23/05/2024. The Post graduate students accompanied the students, and they explained all the museum specimens and the digitalization of the Museum was demonstrated to them. The specimens and digitalization were appreciated by the students.

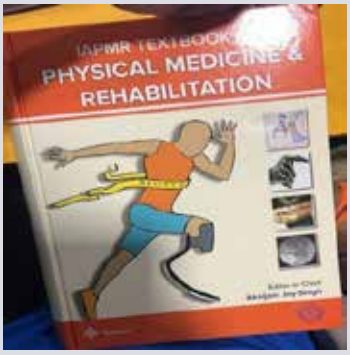
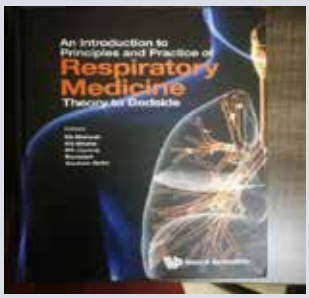
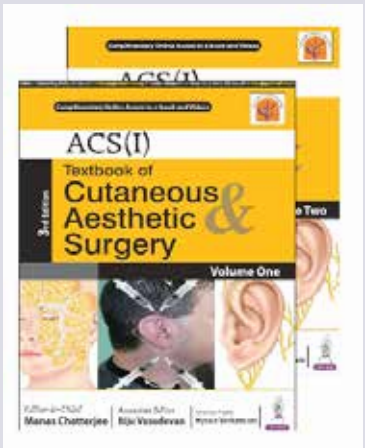
TEXTBOOKS AUTHORED / CHAPTERS WRITTEN BY FACULTY

Anatomy	Medicine	Geriatrics
Dr. Vidya CS Dr. Asharani SK Dr. Ravishankar MV **Title of the Chapter / Book** Quick review of Human Anatomy Second Edition Comprehensive Handbook of Anatomy for Allied Health Sciences and Nursing students **Published by** N notion press - October 2023 ISBN No. 978-1-64587-553-6 	Dr.M.Manthappa **Title of the Chapter / Book** Insulin in Clinical Practice **Published by** CBS Publishers, New Delhi 2023 ISBN No. 978935466-5998 	Dr.P.Sandhya Dr.Prathibha Pereira **Title of the Chapter / Book** Guiding Lights: Navigating the Landscape of Dementia Care **Published by** *Alzheimer's* and Related Disorders Society of India 2023 
O.B.G.		**Paediatrics**
Dr.Suma K.B. **Title of the Chapter / Book** Pre Eclampsia Chapter 5: Etiology & pathogensis **Published by** Publisher: ISSHP - 2023 	Dr. Hemapriya K. **Title of the Chapter / Book** Chapter 13: Placenta in preeclampsia-villain or victim **Published by** Publisher: ISSHP – 2023 	Dr. Rashmi N **Title of the Chapter / Book** Book Name: Paediatrics Endocrinology protocol 2nd edition Chapter: Tall Stature **Published by** Jay pee-grow india (Learning grow society) – 2023 

Medicine	Medicine	Medicine
Dr.H.Basavana Gowdappa Dr.Subramanian R. Dr.Praveen Kulkarni **Title of the Chapter / Book** Disease-modifying Antirheumatic Drugs in Pregnancy and Lactation **Published by** Jaypee Brothers 	Dr.Srinath K.M. Dr.Krupa Krishnan **Title of the Chapter / Book** Monogenic Diabetes **Published by** Jaypee Brothers 	Dr.Shashidhar K.C. Dr.Karnati Prudhveer Reddy **Title of the Chapter / Book** Atypical Manifestations of Dengue **Published by** Jaypee Brothers 

Biochemistry		Medical Genetics
R Sindhu, Smitha S Bhat, HV Nachith, A Brunda, Devananda Devegowda, Shashanka K Prasad **Title of the Chapter / Book** Antidotes to nonreptile animal toxins **Published by** Antidotes to Toxins and Drugs Jan.2024 	Jamuna Bai Aswathanarayan, SubbaRao V Madhunapantula, Ravishankar Rai Vittal **Title of the Chapter / Book** MXene-Based Polymer Composites for Various Biomedical Applications Feb.2024 	Dr. Praveen Kumar K.S. and Jagadish T.V. **Title of the Chapter / Book** Cytogenetics **Published by** Blue Duck Publications-2024 ISBN No. 978-81-19463-12-1 

Community Medicine	Geriatrics	Orthopaedics
Dr Sunil Kumar D, Dr Praveen Kulkarni Dr Mythily M R, Dr Smitha M C Dr Nayana Shabadi, Dr Shwetha-shree M Dr Amoghashree, Dr Kavya G Upadhya Dr.Shweta N.Kurkuri, Dr.Rashmi S **Title of the Chapter / Book** Proceedings of National Conference MY NUTRICON 2023 ISBN No. 978-93-6139-679-3	Dr.P.Sandhya Dr.Prathibha Pereira **Title of the Chapter / Book** Guiding Lights: Navigating the Landscape of Dementia Care **Published by** ***Alzheimer's*** and related disorders society of India  	Dr.Adarsh T. Mr.Panchaksharappa Gowda D.H. Dr.Chaithra N. Mr.Chethan I.A. **Title of the Chapter / Book** Statistical Analysis for K-L Staging 2 and 3 of Pre VAS and WOMAC Using Different Interventions **Published by** Taylor & Francis Advancements in Science and Technology for Healthcare Agriculture and Environmental Sustainability-2024 

P.M.R.	Radio-Diagnosis	Dermatology
Dr.Jayasree Ramesh **Title of the Chapter / Book** Approaches in Rehabilitation **Published by** IAPMR Text Book-2024  	Dr.Vikram Patil **Title of the Chapter / Book** An introduction to Principles and Practice of Respiratory Medicine **Published by** World Scientific Publishing Co. Pvt. Ltd-2024 ISBN No. 978-981-127-140-3  	Dr.Kanthraj G.R. **Title of the Chapter / Book** Chapter 133: Teledermatology Consultation in Cutaneous and Aesthetic Surgery.Textbook of Cutaneous and Aesthetic Surgery **Published by** JP Publishers-2024 

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