

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

2023

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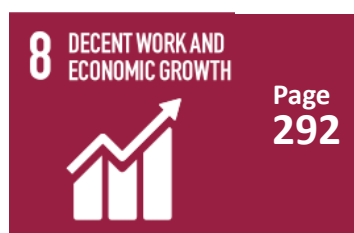
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1 NO POVERTY



**End Poverty in
All its Forms
Everywhere**



**Overcoming poverty is
not a gesture of charity.
It is an act of justice.
It is the protection of
a fundamental human
right, the right to dignity
and a decent life.
-Nelson Mandela**

Contributor



Dr Nagma Firdose
Assistant Professor, Dept of Pharmacology

About the SDG

The Sustainable Development Goal (SDG) related to poverty aims to eradicate poverty and ensure that all people, irrespective of their location or circumstances, can lead a life of dignity and opportunity that is “End poverty in all its forms everywhere.” It is a part of the United Nations’ 2030 Agenda for Sustainable Development, adopted in September 2015. Extreme poverty is defined as living on less than \$1.90 per day (as of 2021).

The multidimensional aspects of poverty include income, access to basic services, education, and healthcare. It aims to implement social protection systems to help vulnerable individuals and families escape poverty traps. It emphasizes building resilience against economic, environmental, and other shocks that can push people into poverty. To achieve the target, governments, businesses, and civil society are encouraged to work together in a global partnership for sustainable development. Progress in reducing poverty is measured through indicators such as the proportion of people living in poverty, social protection coverage, and income growth. Economic growth alone is not sufficient to tackle poverty; inclusive and sustainable development is essential. Promoting policies and programs that empower individuals and communities to become self-reliant can break the cycle of poverty. The goal calls for sustainable land management and conservation to support rural livelihoods and protect ecosystems. Poverty eradication is linked to other SDGs, as many goals are interconnected and mutually reinforcing. Ending poverty is vital not only for improving the well-being of people but also for fostering peace, stability, and sustainable development globally.

A glance at our efforts



Contributions by faculty towards elderly Rs. 4,50,658.00



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



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



Healthcare at a subsidized cost in urban slums through JSS Urban Health Centre



Poor patient funds contributed by doctors at JSS Hospital



Free health camps & wellness activities



Quality and economic tertiary health centre

Initiatives under this Goal

JSS Medical College is committed to assisting individuals from lower socio-economic backgrounds to avoid the burden of excessive healthcare expenses related to various illnesses. To prevent families from falling into poverty due to high out-of-pocket medical costs, the college has undertaken several initiatives. These include establishing a poor patient fund, contributing towards the healthcare of elderly individuals, and encouraging medical students to engage in social responsibility initiatives.

Moreover, the college has implemented various government health insurance schemes and offers subsidized healthcare services to residents of urban slums through the JSS Urban Health Centre. The establishment of 100-bedded hospitals with diagnostic facilities at reduced rates in Chamarajanagar has significantly contributed in providing quality healthcare to the needy poor and middle-class patients.

To extend healthcare services further, the institution is also making provisions for tertiary healthcare in a village named Suttur by adapting this village for a model health village program. These efforts will enable the people of Suttur to receive almost free treatment and access quality healthcare. Additionally, the college promotes wellness through various preventive interventions and initiatives.

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, Bamboo bazar, 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. Apart from this 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. JSS Medical college encourages 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 Aarogysree are being implemented in the hospital.
7. To help the needy and poor, JSS Medical College conducts
 - a. Regular health education programmes on prevention and control of common ailments
 - b. Free health check-up camps for people in rural, urban and tribal areas.
 - c. Cataract and eye health campus
 - d. Screening programmes for hypertension, diabetic, cancer etc
 - e. School health appraisal programme covering more than 20000 children annually

FREE HEALTH CAMPS TO CATER THE HEALTH NEEDS OF THE POOR

EVENT	DATE	PLACE	Department	No. of beneficiaries
NSS Special Health Camp	February 20 th - 26 th - 2023	Someshwarapura Gram Panchayat limits, Varuna Hobli, T Narasipura Taluk, Mysuru district.	NSS unit of JSS Medical College	963
Screening for Diabetes Mellitus and Anemia	January 18 th to 23 rd , 2023	Suttur in Mysuru District	General Medicine	1055
Free health checkup for public	2 nd Tuesday Every Month	Kanti Mallanna Choultry, Mysuru	General medicine & Pharmacology	300 / month
Blood Donation Camp	June 9, 2023	Clinical Physiology lab	NSS unit of JSS Medical College & Pathology	129
Screening camp for hypertension and NCDs	19.05.2023	Hanchya	Community Medicine	50
Screening camp for hypertension and NCDs	26.05.2023	Ramnahalli	Community Medicine	60
Free Orthopedic Camp (UHC)	16 th May 2023	UHC Medar Block	Orthopaedics	54
Mega Camp	08.01.2023	Gundlupet	JSS Hospital	1200
Mega Camp	12.03.2023	Gundlupet	JSS Hospital	653
Mega Camp	25.06.2023	Sarguru	JSS Hospital	134
Free Medical Camp	21/3/2023	Mahadevapura Village, Mandya	JSS Hospital	45
	29.01.2023	JSS Educational Institutions Saraguru	Geriatrics	50
Public health check-up camp	08/01/2023	JSS Arts & commerce Degree college, Gundulpet	OBG	200
Public health check-up camp	29/01/2023	JSS School, Sargur	OBG	200
Monthly Mega Camp	1 st and 3 rd week of every month	Gundulpet & sarguru	Paediatrics	60 each week

Date	Camp details	Location	No. of Beneficiaries
12/13/22	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	Mysuru	186
12/18/22	Mega General Health camp at JSS Degree College, Gundlupet	Gundlupet	1254
12/25/22	Mega General Health camp at JSS Institutions , Saragur	Saragur	891
12/28/22	Cardiac Health camp at Chamarajanagar town, Chamarajanagar District	CH Nagar	1700
12/29/2022	General Health camp at Kanchamally Village, Hampapura Taluk, H D Kote Taluk	HD Kote	352
1/8/2023	2nd Mega General Health camp at JSS Degree College, Gundlupet	Gundlupet	779
1/10/2023	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	Mysuru	312
18th to 23rd	General Health camp at Suttur Jathra	Suttur	2876
1/29/2023	2nd Mega General Health camp at JSS Institutions , Saragur	Saragur	384
2/12/2023	3rd Mega General Health camp at JSS Degree College, Gundlupet	Gundlupet	518
2/14/2023	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	Mysuru	258
2/15/2023	Free Orthopedic Camp at Chamaraja nagar (Dr Babu Trust)	Chamarajanagar	230
2/26/2023	3rd Mega General Health camp at JSS Institutions , Saragur	Saragur	467
3/12/2023	4th Mega General Health camp at JSS Degree College, Gundlupet	Gundlupet	493
3/14/2023	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	Mysuru	265
3/21/2023	NSS camp by JSS Pharmacy college at Mahadevapura Village, Srirangapatna	Srirangapatna	43
3/26/2023	4th Mega General Health camp at JSS Institutions , Saragur	Saragur	312
4/9/2023	5th Mega General Health camp at JSS Degree College, Gundlupet	Gundlupet	377
4/11/2023	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	Mysuru	285
4/23/2023	5th Mega General Health camp at JSS Institutions , Saragur	Saragur	328
14/05/2023	6th Mega General Health camp at JSS Degree College, Gundlupet	Gundlupet	258
16/05/2023	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	Mysuru	281
28/05/2023	6th Mega General Health camp at JSS Institutions , Saragur	Saragur	350
11/6/2023	7th Mega General Health camp at JSS Degree College, Gundlupet	Gundlupet	311
13/06/2023	General Health camp at Kanti Mallanna Kalyana Mantapa,Kabir Road, Mysuru	Mysuru	320
25/06/2023	7th Mega General Health camp at JSS Institutions , Saragur	Saragur	486

OPHTHALMOLOGY

Free Cataract surgery camp

Date	Place	No. of patient Screened	No. of patient operated
07.01.2023	Naganahalli	60	17
11.01.2023	KR Mill	70	15
30.01.2023	Periyapattana	224	24
15.02.2023	Periyapattana	80	12
08.06.2023	Ilavala	80	20
12.06.2023	Naganhalli	42	09
15.06.2023	Sagara katte	119	21
20.06.2023	Hanya	64	09

Photo Gallery of Health Camps













PROJECTS:

TITLE	INVESTIGATORS	FUNDING AGENCY	AMOUNT (RS)	DURATION
Oxygen requirements and approaches to respiratory support in patients with COVID 19 in low- and middle-income countries	Dr Anil Bilimale Dr Ashok P Dr Akshay Dr Chetak Dr Amulya	WHO	23,43,390	5 months
Sickle Cell Disease-related stigma, economic loss and quality of life among tribal population of India - Mysore district, Karnataka	Dr. Deepa Bhat Dr. Sunil Kumar D	ICMR	19,00,000	2 years
Upgradation and Expansion of Next-Generation Sequencing Facility to Enable Low-Cost Diagnostics and Research Services for the Neurogenetic Disorders	Dr. Deepa Bhat	DBT	10,00,000,00	2 years

PUBLICATIONS:

1. Mahesh PA, Kaleem Ullah M, Parthasarathi A. Allergic sensitization to foods in India and other Low–Middle-income countries. Clinical & Experimental Allergy. 2023 Feb 24.
2. Babu BV, Sridevi P, Surti SB, Bhat D, Sarmah J, Sudhakar G, Sharma Y. Sickle cell disease-related knowledge and perceptions of traditional healers in tribal communities in India: implications on sickle cell disease programme. Journal of Community Genetics. 2022 Dec;13(6):597-603.
3. Rasekaba TM, Pereira P, Rani. G V, Johnson R, McKechnie R, Blackberry I. Exploring telehealth readiness in a resource limited setting: digital and health literacy among older people in Rural India (DAHLIA). Geriatrics. 2022 Mar 1;7(2):28.
4. Frostad JJ, Nguyen QP, Baumann MM, Blacker BF, Marczak LB, Deshpande A, Wiens KE, LeGrand KE, Johnson KB, Abbasi-Kangevari M, Abdoli A. Mapping development and health effects of cooking with solid fuels in low-income and middle-income countries, 2000–18: a geospatial modelling study. The Lancet global health. 2022 Oct 1;10(10):e1395-411.

2 ZERO HUNGER



**End hunger,
achieve food
security and
improved
nutrition
and promote
sustainable
agriculture**



**“Food is the moral right
of all who are born into
this world”,**

-Norman Bourloug

Contributors



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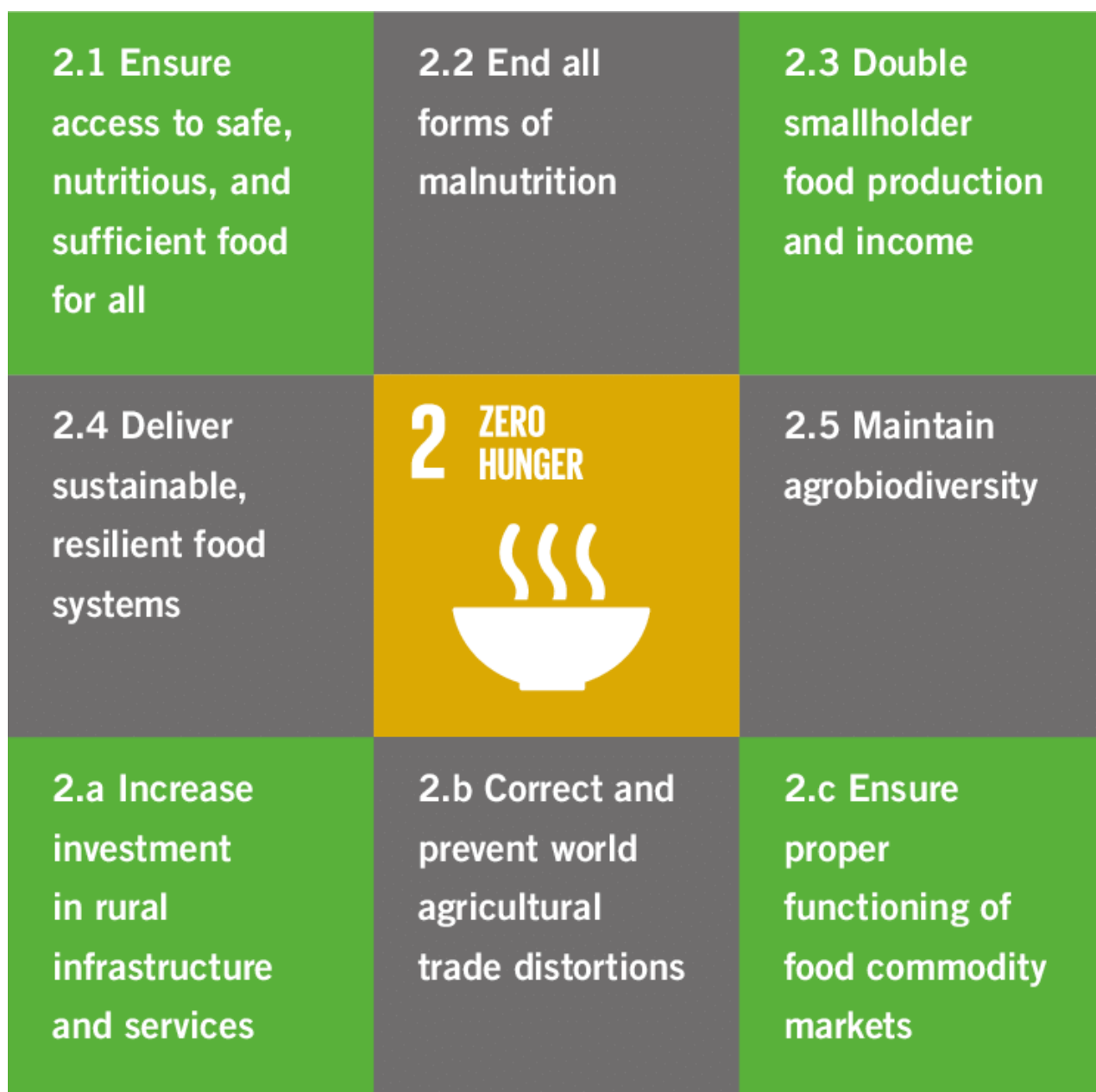


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About SDG

Sustainable development Goal 2, Zero Hunger aims at creating a world free of hunger by 2023. The official wording is: “End hunger, achieve food security and improved nutrition and promote sustainable agriculture”. In 2020, between 720 million and 811 million persons worldwide were suffering from hunger. Also in 2020, about 2.4 billion people, or above 30 % of the world’s population, were lacking regular access to adequate food. Globally, 149.2 million children under 5 years of age, or 22.0 %, were suffering from stunting (low height for their age) in 2020. To achieve zero hunger by 2030, action needs to be initiated to reduce inequalities, and ensure access to safe and good nutrition.

The Targets of SDG 2 are:



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.

Preconference workshop on Nutritional Assessment in National conference, MY NUTRICON 2022 on 7th December 2022.

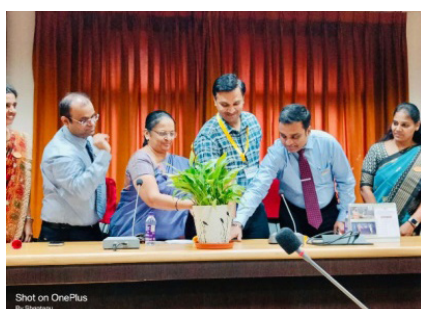
Pre- conference workshop was formally started by watering a plant by the Chief guest Dr Ragavendra P, Scientist C, ICMR- NIN, Hyderabad, the Guest of Honor Dr M N Suma, Vice Principal (Pre Clinical), JSS MC, Organizing Chairperson Dr. Sunil Kumar D, Professor and Head, Department of Community Medicine, JSS MC and Organizing Secretary Dr. Praveen Kulkarni, Vice Principal (Para Clinical) and Associate Professor, Department of Community Medicine, JSS MC.

The session started with the introduction of the participants and 1st topic of the session was **Nutritional assessment: Introduction, Methods, Interpretation, Application at Community** by Dr Raghavendra P, Scientist C, ICMR- NIN, Hyderabad.

The next session was on **nutritional assessments and BCA- Basic and Data Interpretation** by Dr Sushma Appaiah, Founder Director Golz Nutrition and Diet Solutions, Certified Nutrigenomics Expert, Convener Indian Dietetics Association (IDA), Mysuru.

Hands-on sessions were conducted in the afternoon where Anthropometry in Under five children and another session using Anthropac Software for anthropometry data was taken by Dr. Raghavendra P. The hands-on session on BCA and its applications in health and disease management was taken by Dr. Sushma Appaiah.

Around 42 participants had enrolled for the pre- conference workshop.



Hands-on session by guest Dr Sushma Appaiah, Founder Director Golz Nutrition and Diet Solutions, Certified Nutrigenomics Expert, Convener Indian Dietetics Association (IDA), Mysuru.

National Conference on public health nutrition **MY NUTRICON – 2022 on 8th& 9th December 2022** **Theme –Public Health Aspects of Nutrition towards Sustainable Development** **Goals**

Conference on 8th & 9th Dec 2022

The first session of the conference began with a technical session which addressed **Nutrition through life course approach**. The resource persons were Dr Savita M R, Dr Vidya Thobbi and Dr Pratibha pereira, they Navigated us through the importance of adequate nutrition requirements and consumption in various life stages. The session was chaired by Dr Suma M N and Dr. Suma K B. The technical session was followed by Research simplified with CO-guide REAP. Dr G Muralimohan Reddy gave a comprehensive session on the **utilisation of REAP as an effective research execution tool**.

The third session of the day was keynote address by Dr Raghavendra P, Scientist-C from ICMR-

NIN, Hyderabad who emphasized on the **public health aspects of nutrition towards achieving sustainable development goals**. Subsequent session was technical session on **Food safety and consumer protection**. The speakers for the session were Dr Kausalya S, Dr Sheetal Gupta, and Dr B P Mahesh. **The role of FSSAI regarding food safety, eat right India movement, Steps to ensure food safety.**

The day one ended with panel discussion moderated by Dr Smitha M C on the theme '**cultural and nutrition**' panelists included Dr Manjunatha S N, Dr Tejeswini C J and Dr. Aravind Kasturi.

On Day 2, the first session was **advances in nutrition research**. The speakers were Dr. Jyothi Lakshmi, Dr. Sunil Kumar D R and Dr Praveen Kulkarni who spoke on topics like **research strategies to enhance bioavailability of iron for alleviation of anaemia, newer nutrition research initiatives, research on food fortifications and dietary diversification, about comprehensive Holistic approach needed to bring about nutritional changes**. This was followed by scientific paper presentations along with various competitions which were organised like just a minute talk, fruit and vegetable carving and **POSHAN Gyan: an innovative poster making competition on nutrition**. Post lunch session was by Dr Sushma appaiah who gave an orientation about **Golz- nutrition and diet solution and role of salutary Nutri foods towards developing therapeutic food formulations**.

Total of 448 delegates had registered for the conference. There were 108 oral / poster presentations held on day 2 of the conference. A food exhibition was conducted by Anganwadi teachers highlighting the importance of nutritious diet. There were other competitions which were held like, POSHAN GYAAN: EDUCATIVE POSTER designing, fruit and vegetable carving and JUST A MINUTE TALK. The conference ended with valedictory function followed by distribution of certificates to the delegates and prize winners.



Outreach Programmes conducted by the Institution

Awareness & Nutrition programme in Anganwadi on 5th February 2023 at JSS Urban Health Centre, Bamboo Bazaar, Mysuru.

To raise awareness about nutritional aspects of cancer in light of World Cancer Day (4th February 2023) an awareness programme was held by the Department of Community Medicine, JSS Urban Health Training Centre, Bamboo Bazaar, and PHC, Bannimantap on 5th Feb. 2023. The programme was conducted in Anganwadi, MCC colony, near the railway circle, Bannimantap. The head sister of PHC, Bannimantap, a medico-social worker and medical officer addressed the gathering.



After the discussion, a short ten-minute video was played on the awareness and prevention of cancer in the Kannada language., then queries by the people were answered. This was followed by Health education on the importance of maternal and child nutrition and weaning was given. The “Seemantha” ceremony for pregnant women was also conducted on the same day.

Medical Exhibition conducted at Suttur Jathra - 2023

(From 18.01.2023 to 23.01.2023)



The Annual Jathra Mahotsava of Adi Jagadguru Sri Shivarathreeshwara Shivayogi Mahaswamigalu was held at Suttur Sriksheetra for a duration of six days from January 18th to January 23rd, 2023. As a part of the Jathra Mahotsava, several programmes and exhibition were organized at JSS Suttur school grounds with a view to encourage and inculcate a scientific and educational temper amongst rural people.

The Medical exhibition was inaugurated on 18th January 2023 by Junior Jagadguru Jayarajendra Swamiji. Dr.C.G. Betsurmamath, Executive secretary (CEO), Dr.Basavana Gowdappa. H, Principal of JSS Medical College, Dr. Suma. M.N, Vice-Principal of JSS Medical College were also present during this occasion.

The theme of this year’s exhibition was **“Nutrition is the best Medicine”**. Specifically, this theme was selected with an intention to educate the population across the life course on good nutrition, which is vital to an individual’s health. A total of ten departments of JSS Medical College participated in the exhibition with great enthusiasm. The exhibition was open to the public between 9.00 am to 9.00 pm on all days.



Department of Physiology measured BMI for a total of 640 people and counselling was done for obese people. Several charts regarding hazards of smoking, menstrual hygiene chart, adverse effects of obesity and benefits of normal weight, importance of exercise, yoga and daily regular physical activities. Visiting public admired the model which created awareness about the types of food that provide good nutrition.



Department of Biochemistry screened for Diabetes and Anemia and created awareness regarding management of Diabetes. A total of 1055 subjects were screened for diabetes and individuals with CBG > 200mg/dl were educated and counselled about the management of diabetes in terms diet and lifestyle modifications. 862 subjects were screened for anemia and those individuals who had Hb <10gm/dl were advised

about life style modifications, diet, treatment and complications of anaemia.



Department of Pathology displayed Posters on Nutritional problems and Health education was provided on different vitamin deficiencies, foods rich in particular type of vitamins, associated clinical symptoms, diagnosis and treatment. Pathology specimens on stomach cancer, breast cancer, endometrial cancer, colon cancer and peptic ulcer and various types of vegetables, fruits and pulses that are recommended to consume

were also displayed.

Department of Microbiology provided education on Effect of nutrition on gut microbiota- Prebiotics & probiotics effect on human beings, Hand hygiene practices. Food poisoning and its causes. Public were educated on food hygiene practices through streetplay.



Department of Community Medicine educated public by displaying the charts related to good nutrition across life course i.e., during childhood (less than 5 years), adolescence (between 10-19 years), adulthood (Male and Female), pregnancy, post-delivery as well as geriatric age (above 60 years) in the local language. Pamphlets were also distributed to the public across different age groups which had information on right dietary practices, dos and don'ts in nutrition, food pyramid, information on seasonal foods etc. Diaguru app was used to provide health education to the diabetic patients. The difference between good and bad nutrition was taught through fun video games and nutrition wheel to the children and adolescents which was very much appreciated. Several assessments were made, including assessment of Body Mass Index (BMI), clinical symptoms of micronutrient deficiencies among children and adolescents, assessment of nutrition in geriatric population, awareness of vitamin D and healthy lifestyle practices among adults, awareness regarding role of nutrition in cancer prevention, and nutrition awareness among pregnant and lactating mothers. Based on the findings appropriate education and referrals were made. Puppet show: Health education was provided through puppet shows on general health and wellbeing and also on the role of nutrition in health, by Mr. Gunduraj and Team from Hassan. Shadow play was also screened by the same team during nighttime. Short movies screening: short movies on nutrition, maternal health, child health and family planning were screened in a separate movie screening room adjacent to the department stall to create awareness regarding the same.

Training / Workshops (External) attended by the faculty

SL No	Name of the faculty	Title of training	Date	Certificate
01	Dr Kavya G Upadhya	Clinical nutrition Course	6 th Jan 2023	
02	Dr. Anjali Devi B S	National symposium on Revisiting Millets for Food & Nutrition Security – Siridhanya Sukhadhanya	19 th & 20 th May 2023	
03	Dr. Sujatha P	National symposium on Revisiting Millets for Food & Nutrition Security – Siridhanya Sukhadhanya	19 th & 20 th May 2023	
04	Dr. Anshu Kumar Yadav	National symposium on Revisiting Millets for Food & Nutrition Security – Siridhanya Sukhadhanya	19 th & 20 th May 2023	

Research Projects

TITLE	INVESTIGATORS	FUNDING AGENCY	AMOUNT (RS)	DURATION
Micronutrient deficiency and cognitive dysfunction in tribal areas	Dr.Praveen Kulkarni	DBT	27,50,000.00	02 years
Bone mineral density in children and RO water consumption	Dr.Devanand	ICMR	20,41,000.00	02 years
Cancer cachexia	Dr. Vinay Kumar MB	SERB-CRG	5000000.00	03 years
Genes regulating adipogenesis & vitamin D	Dr.Shobha C.R.	ICMR	45,53,000.00	03 years
Millet based diet fiber & allergic Asthma	Dr.Rajesh Kumar T.	ICMR	40,00,000.00	03 years
Impact of use of oral Nutritional supplement on physical health, mental health & immune health in growing children at risk of under nutrition	Dr.Prashanth S N Dr. Prajwala H V Dr.Manoj	Sun pharmaceutical Industries Ltd.	5,26,350.00	1 year

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Title of the study	Name of the Principal investigator and Co-investigators	Study duration in months
Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.	24
Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti Dr.Sushma, Dr.Akila Prashant	06
Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK	06
Ionised magnesium level in children admitted to paediatric intensive Care unit at JSS Hospital, Mysuru	Dr Rajani H S, Dr Jagadish Kumar K	06
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	06

Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti Dr.Sushma, Dr.Akila Prashant	06
Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha	12

JSS AHER Funded Projects

TITLE	INVESTIGATORS	AMOUNT (RS)	DURATION
Identification and estimation of potential biomarkers in serum(FOLATE and HOMOCYSTEINE) to Detect the severity of Alzheimers Disease: A case control study	Dr.Vidya C S Professor& Head of Anatomy JSSMC Mysuru	1,00,000.00	One year
Does chocolate(cacao beans) can regulate microglial activation and downstream signaling in neuroinflammation.	Dr.Rajeshwari L Professor of Physiology, JSS MC, Mysuru	50,000.00	One year
“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	One year
Evaluation of cytoprotective properties of vitamin D against nutrient-deprivation induced toxic effects in neuronal cells in vitro	Dr.Ramya C.M. Asst. Professor of Physiology, JSSMC, Mysuru	50,000.00	One year
To Evaluate & Correlate serum Vitamin D Levels & Antimicrobial Peptides in Saliva and Inverse Correlation with Inflammatory Cytokines in Dental Health Among patients with Metabolic Syndrome and Healthy Controls	Dr. Ashwini TS PhD Scholar	1,00,000.00	One year
Studies on cow colostrum bioactive peptides as a modulator of Peroxisome Proliferator-Activated Receptor-γ (PPAR-γ) targeting obesity and metabolic disorders	Dr.Manu G Asst. Professor of Pharmacology, JSSMC, Mysuru	50,000.00	One year
A Cryosection study on the relationship between dental fluorosis and fluoride level in water among school children in private schools of chamarajanagar district, Karnataka	Ms.Midhuna lype, MPH Student, JSSMC, Mysuru	25,000.00	One year

3 GOOD HEALTH AND WELL-BEING



**Ensure
healthy lives
and promote
well-being for
all at all ages**



**“Health is not just
absence of disease but a
wholeness that involves
physical, mental and
spiritual wellbeing.**

-Sadguru

Contributors



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**Patient care , Innovations In
Patient Care and outreach
activities**

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Workshops,
Student exchange programmes
Conferences**



Awards & Achievements of faculty

Research and publications



INTRODUCTION

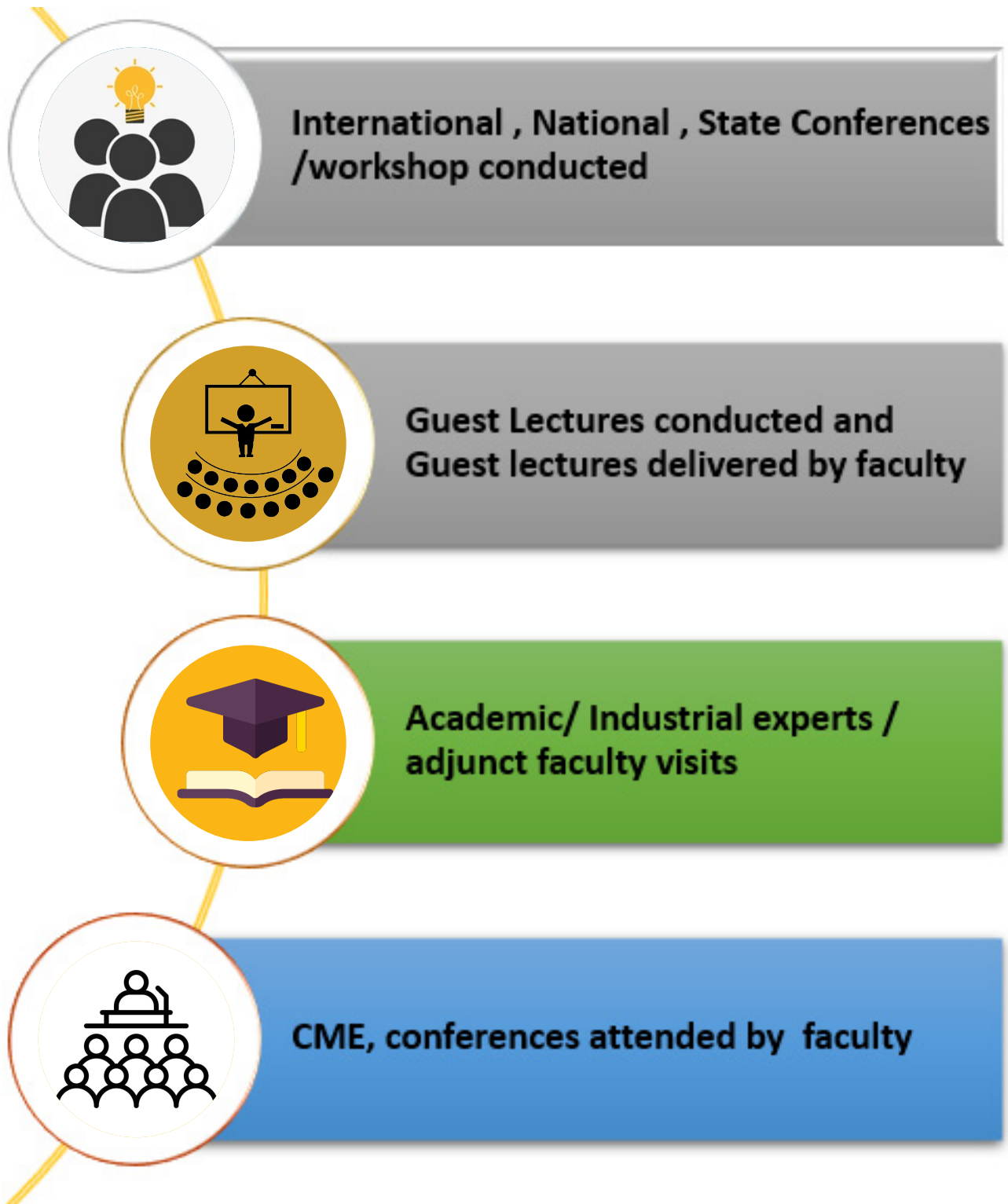
The fundamental goal of everyone is to achieve “Good health and well being”.

This promotes both physical and mental benefits which contributes for improvement in productivity and creativity that has prime importance in ensuring healthy lives. “A Sound mind in a Sound body” is 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 is heading towards the progress in reducing its 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 , scientific and research activities.

Scientific programmes organized aligning to this goal



CONFERENCES AND WORKSHOPS

Genetic counselling across various medical specialities - 1st to 3rd July 2022 (International)



The Board of Genetic Counselling, India conducted its 7th Annual International conference in hybrid mode from 1st to 3rd July 2022 in collaboration with JSS Medical College, JSS Academy of Higher Education and Research, Mysore Karnataka. This conference aimed to promote education among genetic counsellors, doctors, health care providers and students, about current topics in genetics, genomics, and genetic counselling. There were nearly 500 physical and 3000 online registrations and 23 International and 50 National speakers who were pioneers in the field of genomic medicine.

The key highlights of the conference were,

Preconference workshops

Six core areas of genetic counselling addressed by expertise respective fields- Oncology, Cardiology and Common Complex Disorders, Neurology, Musculoskeletal disorders, Reproductive medicine and infertility and genetic counselling in other Specialties like Ophthalmology.

Panel discussions

- A) Key note address by Ms Diane Baker, genetic counsellor who is pivotal in working towards genetic counselling education in USA
- B) Dr T S Rao, former Senior Advisor (Additional Secretary Rank) in the Department of Biotechnology (DBT), Ministry of Science and Technology spoke on the need to put forth the policy documents and approach the government towards improvement of genomic education in India.
- C) The inaugural ceremony was the amalgamation of the vice chancellors Dr M A Shekar from Adichunchangiri University and Dr Surinder Singh of JSS Academy of Higher Education Research and esteemed administrators of the institution, BGCI and other genetic institutions who admired the intent of the conference.

5th International Conference on Birth Defects (ICBD 2022) on 21st to 23rd Nov.2022



The Department of Biochemistry and Department of Medical Genetics, JSS Medical College and Hospital, JSS Academy of Higher Education & Research Mysuru organized a 3-day International Conference on Birth Defects on the theme of “Precision Medicine for Birth Defects” from 21st to 23rd November 2022. It was co-organized by JSS Academy of Higher Education and Research, Mysuru, Karnataka, India & UK India

Genomic Medicine Alliance Indo UK Genetic Education Forum with partial Funding from the Department of Science & Technology Promotion of University Research and Scientific Excellence (DST-PURSE).

23 eminent scientists across the globe attended the workshop to share their expertise both online and offline talks. Along with this there were 9 oral case presentations and 9 poster presentations

from the participants coming from various parts of India. The participants were selected based on the idea of their presentation and its suitability for the conference.

The workshop was inaugurated on 21st November 2022 by Dr. Prashant Vishwanath (Dean Research), Dr. Vishal Kumar Gupta (Dean Academics), Prof. Dhavendra Kumar, Dr. H. Basavanagowdappa (Principal, JSS Medical College), Dr. M.N. Suma (Vice-principal, JSS Medical College), Dr. Akila Prashant, Dr. Deepa Bhat (Organising Secretaries), and Dr. Vinay Kumar Rao (JSS Medical College). The conference handbook was released on this occasion by Dr. H. Basavanagowdappa, Principal, JSS Medical College.

Various speakers presented different cases of birth defects and their research data for the clinical and molecular diagnosis as well as therapeutic management of these cases.

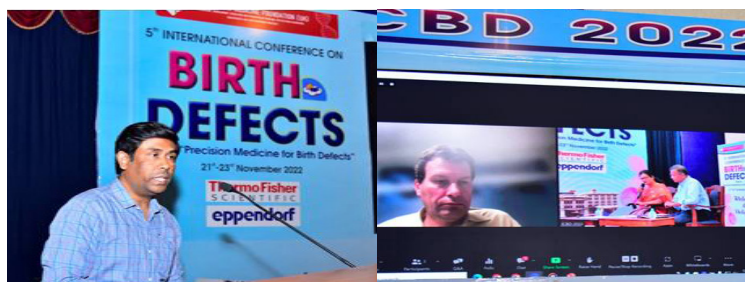


The first talk was delivered by **Dr. Mieke van Haelst** on the topic 'The landscape of birth defects' followed by insights on 'Diagnostic tools for birth defects' by **Dr. Divya Agarwal**. The next talk was delivered by **Dr. Meenakshi Bhat** on the topic 'Management of birth defects' ending the session with the key note lecture by Professor William Newman. This session was chaired by Prof. Dhavendra Kumar and Prof. Prashant Vishwanath

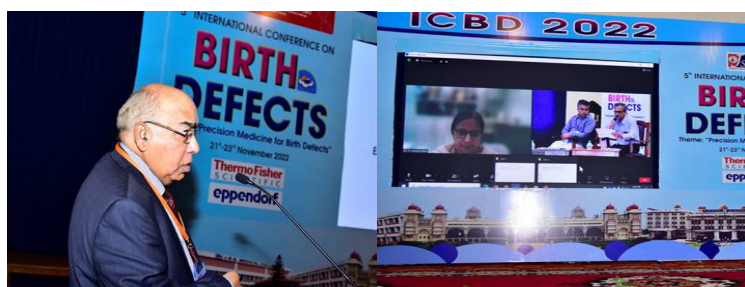


In second session "**PRECISION MEDICINE IN CLINICAL PRACTICE**" Prof. Dhavendra Kumar spoke on the topic 'Precision medicine- from concept to reality' followed by **Dr. Meena Balasubramanian's** talk on 'Laboratory Precision Medicine & Emerging Therapies In Skeletal Disorders' and **Dr. Venkatesh S Ekbote's** gave insights on 'Stem Cell therapy in Birth defects'. Session was chaired by bench of Prof. Mieke van Haelst and Prof. Akila Prashant.

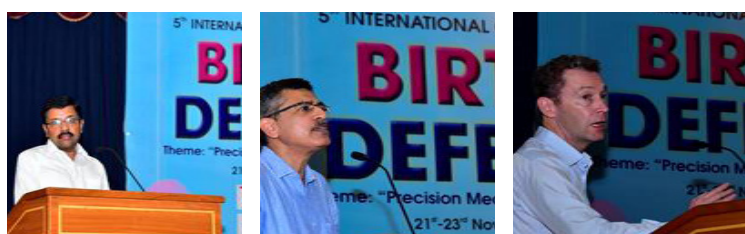
The session III '**PRECISION DRUGS AND TARGETED PRESCRIBING**' started by talk from **Dr. Divya Vohora** on 'Drug Discovery, Overview and Approaches' followed by **Dr. William Newman's** insights on 'Pharmacogenetics' 'Updates on Clinical Trials & New Drugs Rules 2019' by **Dr. A. Ramkishan**.



Dr. Anupam Sibal on 'Liver transplantation for metabolic disorders - overcoming challenges, enhancing access and improving outcomes'. The session ended by understanding the 'Identification of novel genes for birth defects in Indian Population' by **Dr. Ashwin Dalalunder**. All these sessions were chaired by Dr. Deepa Bhat and Prof. Ramachandra.



Dr. Srимonta Gayen. Next, we had an online talk all the way from Belgium by **Dr. Bart Loeys** on 'Vascular malformations in dysmorphic disorders (TGF beta/ Notch signaling pathways diseases)' followed by **Dr. Fleur Dijk** giving insights on 'Diagnosis and management of rare Ehlers-Danlos syndromes: where are we now?' from UK. All these chaired by Dr. Vidya Desai and Prof. Rajesh Thimmulappa.



SESSION IV - 'MANAGEMENT OF BIRTH DEFECTS' started with the talk by **Dr. Jayesh J. Sheth** on 'Recent advances in the treatment of Lysosomal storage diseases' followed by 'Precision management of metabolic encephalopathies' by **Dr. Anil B Jalan**. The next talk was delivered online by

SESSION V - 'MOLECULAR BASIS OF BIRTH DEFECTS' started with talk by **Dr. Giriraj R. Chandak**, on the topic 'Genetics and epigenetic basis of early life birth defects causing future diseases'. This was followed by the understanding of 'Allelic co-ordination to drive Pre-gastrulation' delivered by

SESSION VI 'NEOPLASIA AND BIRTH DEFECTS' awareness talk on 'Neoplasia and Malformation Syndromes- Clinical Perspectives' by **Dr. Dhavendra Kumar**, followed by the understanding of 'Genetics perspective in Retinoblastoma' by **Dr. Neerja Gupta**. Session was chaired by Prof. M.V.S.S.T. Subba Rao and Dr. Anil Kumar M.G. **SESSION VII 'PRECISION THERAPY FOR BIRTH DEFECTS'** started with talk on 'Bone, brain, and beyond' by **Dr. Meena Balasubramanian**, followed by a talk by **Dr. Mieke van Haelst** on 'Personalized

Medicine for obesity-related diseases'. Dr. Meenakshi Bhat's spoke on 'Next generation therapy for inherited metabolic diseases. Sessions were chaired by Prof. Dhavendra Kumar and Dr. S.J. Patil.



SESSIONVIII 'CARDIOVASCULAR BIRTH DEFECTS' Dr. S.J. Patil created an awareness talk on 'Congenital heart defects - What's new', followed by an enticing talk on 'Genotyping heart muscle disorders' by Dr. Ajay Bahl. Dr. William Newman spoke on 'New genes and new tools for inherited aortopathies'. Sessions were chaired by Dr. Sunil Kumar S. and Dr. Prasanna Kumar S.

SESSION IX - 'BIRTH DEFECTS - GRAND ROUND' there was Open case presentations, each of 5 minutes duration followed by 5 minutes discussion/UK style clinical dysmorphology cases meeting under the panel of judges - Dr. Meenakshi Bhat (Bangalore, India); Dr. Mieke van Halest (Amsterdam, NL); Dr. Meena Balasubramanian (Sheffield, UK); Dr. Akila Prashant (Mysuru, India); Dr. Deepa Bhat (Mysuru, India). Open case presentations were followed by the sponsor's presentation.



SESSION X 'NEUROMUSCULAR BIRTH DEFECTS' started with the talk by Dr. Ann Agnes Mathew on 'Novel therapies for spinal muscular atrophy' followed by 'New insights for the treatment of Duchenne Muscular Dystrophy' by Dr. Shastara Paneyala. The closing talk of the conference was given by Dr. Anju Shukla on 'Arthrogryposis Multiplex Congenita: Etiology, Diagnosis and Issues in Genetic Counselling'. sessions were chaired by Dr. Harsha S. and Prof. Saravana Babu.

ELDERLY AWARENESS OF HEALTHY AGEING AND REJUVENATION -27-09-2022

CME on "ELDERLY AWARENESS OF HEALTHY AGEING AND REJUVENATION" with the theme "Know Alzheimer's Know Dementia 2022" was organised by the Department of Geriatrics and Department of Pharmacology in association with Alzheimer's and Related Disorders Society of India (ARDSI) and JSS Senior Citizen Helpline on September 27th 2022 at Dr.Sri Shivarathri Rajendra Bhavana, JSS Hospital Mysuru

Session I-Dr.Prathiba Pereira, Professor and head, Department of geriatrics enlightened on dementia & its effects. The next session, was on ARDSI's (Alzheimer's and Related Disorders Society of India) work, which was given by Dr Joshi Hanumanthachar, Principal, Sarada Vilas College of Pharmacy, Mysuru. Then the videos on dementia were played.

The second session was started on the importance of nutrition and dementia which was elucidated by Mrs Shreyaswini R, dietician, JSS Hospital, Mysuru. To impart the Importance of yoga in dementia patients was highlighted by Dr Aparna Surendra, Senior consultant, Naturopathy and yoga, JSS Ayurveda medical college, Mysuru.

Mrs Trishala D, Assistant professor, Clinical psychology, JSS Hospital spoke about the Psychological perspectives of dementia. Dr Jayanthi MK, Professor and Head, Department of Pharmacology, Mysuru, enlightened on Physiological changes in Ageing. Dr Venu D, Senior Resident, Department of Pharmacology, JSS Medical College, Mysuru, illuminated on Ageing and Medicine. Dr Jayashree Ramesh, Associate Professor and HOD, PMRC, JSSH explained about the Brain Gym by a pre-recorded skit.



Workshop on Hands on Training for Pharmaco-therapeutics :

Enhancing Skills and Communication - 05-09-2022

In the first session Dr. Mohammad Sibgatullah, Director of Medical Affairs, Orcimed Life Sciences, Hyderabad delivered a talk about skills required in Health Industry.



This was followed by a brief session on Reflection Writing (Pharmacotherapy and adverse drug reactions). Ten groups of students presented their narrative capabilities on topics such as antibiotic usage, ADR reporting, patient counselling on asthma, diabetes etc. and this session was chaired by Dr. Sangeeta R Gore, Assistant Professor, Department of Pharmacology CDSIMER, Chamarajanagar and Dr. Kalabharathi H L Professor, Department of Pharmacology, JSSMC.



After this session, Dr. Pratibha Nadig, Professor and Head, Department of Pharmacology, CDSIMER, Bengaluru, discussed about "Good Prescription Practices for Patient Safety". She discussed how accurate prescription and effective communication would help in patient safety.

Next session was held on E-posters (clinical pharmacology) and ten groups of students presented posters on various topics such as over the counter medication, pharmacovigilance, drugs used in pregnancy and lactation etc. This session was chaired by Dr. Pratibha Nadig, Prof and Head, Dept. of Pharmacology, CDSIMER, Bengaluru and Dr Jayanti M K prof and Head, Dept. of Pharmacology,

After the culinary treat, there was a session on Short Movies, which highlighted the importance of Pharmacotherapeutics. Short movies helps students more engage in learning process. Each student group's short films were exhibited. There were 10 short movies in total. Drs. Pushpa V. H. and Mohammed Sibghatullah evaluated the session. The final session of the workshop was Role Play. Role playing provides real world-scenarios to help students learn. It also helps us to develop skills or competencies necessary for a specific position. Evaluators of this session were Dr.Srinath.K.M. & Dr.Satish.A.M.Prizes for the best Reflective Writing, E-Poster, Short Movies & Roleplay were distributed following the session.

One day National CME – COAGPATH on 05-11-2022: Theme: Coagulation studies



Department of Pathology, JSS Medical College & Hospital, JSS University, Mysuru organized one day national CME, COAGPATH, on 5th November 2022 with coagulation studies as the theme at Sri Rajendra Centenary Auditorium, JSS Hospital, M G Road, Mysuru. Various issues related to coagulation tests and coagulation disorders and overall picture about this sector of Hematology was covered through lectures and panel discussions in the CME program. **179** Delegates including medical doctors, postgraduate students and technical staff from all over Karnataka, Kerala, Andhra Pradesh and Tamil Nadu participated in the CME.

The CME program started with scientific session on Laboratory work up of Bleeding Disorders, by Dr Vani K, Associate Professor of Pathology, JSS Medical college.



The next session was on Thrombophilia work up on both inherited and acquired disorders, by Dr Mahesh Rajashekaraiah, consultant hematologist and bone marrow transplant specialist of Sparsh Hospital Bangalore.

Acute Traumatic coagulopathy – Lecture by Dr Madhu Srinivasarangan, Head of Emergency was the next session. Case based interactive discussion was done by Dr Mahesh Rajashekaraiah on clinical use of coagulation tests. Panel discussion on **pitfalls in coagulation** –moderated by Dr Chethan Manohar, former Professor

and Laboratory Director of Kasthurba Medical College, Manipal was the last morning sessions.

Lecture on Role of blood centers in treating patients with coagulation disorder was delivered by Dr Pallavi, Associate Professor, Blood center, JSS Hospital. It was followed by a panel discussion on **Massive Transfusion** Protocol being moderated by Dr Shivaram, Head of Transfusion Medicine, Manipal Hospital Bangalore.

Preconference workshop on Nutritional Assessment in National conference, MY NUTRICON 2022 on 7th December 2022.

Department of Community Medicine, JSS Medical College, Mysuru in collaboration with Department of Studies in Food science and nutrition, University of Mysore, Mysuru and Department of Nutrition and Dietetics, School of life sciences, JSS Academy of Higher Education and Research, Mysuru organized one day workshop on nutritional assessment

Pre- conference workshop was formally started by watering a plant by the Chief guest Dr Ragavendra P, Scientist C, ICMR- NIN, Hyderabad, the Guest of Honor Dr M N Suma, Vice Principal (Pre Clinical), JSS MC, Organizing Chairperson Dr. Sunil Kumar D, Professor and Head, Department of Community Medicine, JSS MC and Organizing Secretary Dr. Praveen Kulkarni, Vice Principal (Para Clinical) and Associate Professor, Department of Community Medicine, JSS MC.

The session started with the introduction of the participants and 1st topic of the session was **Nutritional assessment: Introduction, Methods, Interpretation, Application at Community** by Dr Raghavendra P, Scientist C, ICMR- NIN, Hyderabad.

The next session was on **nutritional assessments and BCA- Basic and Data Interpretation** by Dr Sushma Appaiah, Founder Director Golz Nutrition and Diet Solutions, Certified Nutrigenomics Expert, Convener Indian Dietetics Association (IDA), Mysuru.

Hands-on sessions were conducted in the afternoon where Anthropometry in Under five children and another session using Anthropac Software for anthropometry data was taken by Dr. Raghavendra P. The hands-on session on BCA and its applications in health and disease management was taken by Dr. Sushma Appaiah.

Around 42 participants had enrolled for the pre- conference workshop.



Hands-on session by guest Dr Sushma Appaiah, Founder Director Golz Nutrition and Diet Solutions, Certified Nutrigenomics Expert, Convener Indian Dietetics Association (IDA), Mysuru.

National Conference on public health nutrition MY NUTRICON – 2022 on 8th& 9th December 2022

Theme –Public Health Aspects of Nutrition towards Sustainable Development Goals Conference on 8th & 9th Dec 2022

The first session of the conference began with a technical session which addressed **Nutrition through life course approach**. The resource persons were Dr Savita M R, Dr Vidya Thobbi and Dr Pratibha Pereira, they Navigated us through the importance of adequate nutrition requirements and consumption in various life stages. The session was chaired by Dr Suma M N and Dr.Suma K B. The technical session was followed by Research simplified with CO-guide REAP. Dr G Muralimohan Reddy gave a comprehensive session on the **utilisation of REAP as an effective research execution tool**.

The third session of the day was keynote address by Dr Raghavendra P, Scientist-C from ICMR-NIN, Hyderabad who emphasized on the **public health aspects of nutrition towards achieving sustainable development goals**. Subsequent session was technical session on **Food safety and consumer protection**. The speakers for the session were Dr Kausalya S, Dr Sheetal Gupta, and Dr B P Mahesh. **The role of FSSAI regarding food safety, eat right India movement, Steps to ensure food safety.**



The day one ended with panel discussion moderated by Dr Smitha M C on the theme '**cultural and nutrition**' panelists included Dr Manjunatha S N, Dr Tejeswini C J and Dr.Aravind Kasturi.

On Day 2, the first session was **advances in nutrition research**. The speakers were Dr. Jyothi Lakshmi, Dr. Sunil Kumar D R and Dr Praveen Kulkarni who spoke on topics like **research strategies to enhance bioavailability of iron for alleviation of anaemia, newer nutrition research initiatives, research on food**

fortifications and dietary diversification, about comprehensive Holistic approach needed to bring about nutritional changes. This was followed by scientific paper presentations along with various competitions which were organised like just a minute talk, fruit and vegetable carving and **POSHAN Gyan:an innovative poster making competition on nutrition**. Post lunch session was by Dr Sushma appaiah who gave an orientation about **Golz- nutrition and diet solution and role of salutary Nutri foods towards developing therapeutic food formulations**.

Total of 448 delegates had registered for the conference. There were 108 oral / poster presentations held on day 2 of the conference. A food exhibition was conducted by Anganwadi teachers highlighting the importance of nutritious diet. There were other competitions which were held like, POSHAN GYAAN: EDUCATIVE POSTER designing, fruit and vegetable carving and JUST A MINUTE TALK. The conference ended with valedictory function followed by distribution of certificates to the delegates and prize winners.

FORENSIC UPDATE – 2022 on 8th July 2022



Department of Forensic Medicine and Toxicology of JSS Medical College had organized one-day CME and panel discussion in virtual mode on contemporary issues and recent advances in the fields of Forensic Medicine and Forensic Sciences “FORENSIC

UPDATE 2022” on 8th July 2022. The CME was inaugurated by Dr.B.Manjunatha, Registrar, JSSAHER. Dr.Suma M N, Vice Principal, JSS Medical College was the guest of honor. Dr.Arun.M, Professor & HOD, Dept. of Forensic Medicine delivered the welcome note. As a part of this CME, guest speaker from Rashtriya Raksha University, which is a Pioneering National Security and Police University of India delivered a key note address.

List of invited speakers and the topic of deliberation were as follows;

1. Dr. Mahesh A Tripathi, Assistant Professor (Psychology) School of Criminology and Behavioral Sciences, Rashtriya Raksha University, Lavad, Gandhinagar, Gujarat, India. : **Topic - Application of Behavioral Science in crime detection.**
2. Dr. J R Gaur, Director, School of Forensic science and Risk management (SFSRM) -
Rashtriya Raksha University, Gandhinagar: **Topic –Utility of Forensic Serology in Crime investigations : My Experiences.**
3. Dr. O P Jasuja, Professor, Department of Forensic Science, Chandigarh University, Punjab. **Topic: Advances in Forensic Dermatoglyphics.**

The scientific deliberations were followed by panel discussion on the theme:

Recent Advances in Crime Investigations

Sl. No	Topic	Panellist	Moderator
1	Crime Scene Documentation	Dr. GB Aravind, Associate Professor of Forensic Medicine, JSSMC	Dr. Nagesh KR Professor of Forensic Medicine, Father Muller's Medical College, Mangaluru
2	Management of Biological Evidence in Crime Scene	Dr. Pramod Kumar GN Professor and Head of Forensic Medicine, Karwar Institute of Medical Sciences, Karwar	
3	Expectation from Prosecution in Scientific Evidence Presentation	Mr. RM Ganjigatti Deputy Director of Prosecution, KPA, Mysuru	

Panel discussion was followed by question and answer session, wherein the queries raised by the delegates were addressed. Dr.Smitha Rani, Assistant Professor, Dept of Forensic Medicine proposed vote of thanks. Miss. Ayushi Samal, 2nd year MBBS student was the master of the ceremony. The total

number of delegates registered for this virtual CME programme was 210, which included Medical Doctors, Police Officers, Criminology and Forensic Science students and staff of various institutions across the country and abroad.

KAMLSCON – 2022 on 25th & 27th Nov.2022



The Department of Forensic Medicine and Toxicology, JSS Medical College, JSS Academy of Higher Education and Research, Mysuru, Karnataka, had conducted TWO Days State Level Conference on the theme 'Collaborative Forensics' on 26th and 27th November 2022 at JSS Academy of Higher Education and Research, Mysuru.



Inaugural ceremony was held on 25th of November 2022 at Sri Rajendra Auditorium, JSS College of Pharmacy, Mysuru. The Conference was declared open by the Chief Guest, Honorable Justice KN Phaneendra, Former Chief Justice of High Court of Karnataka and Upa-Lokayukta, Government of Karnataka.

Following the inauguration, the maiden session was on the topic **"Symbiotic collaboration between academics and administration for Forensic Medicine faculty"**. This

deliberation was held under the category of 'ATS Iyengar Oration Lecture' which was delivered by Dr.G Pradeep Kumar, Honorable Vice Chancellor of, Sri Devaraj Urs Academy of Higher Education and Research, Kolar, Karnataka.

The next session was held by Mr. Sanjay Sahay, Ex.IPS, Founder & Director, TechConPro Pvt Ltd, Pro Public Speaker, Cyber Security Guru, Thought Leader & Writer, Bengaluru, Karnataka, India, on the topic **'Cyber crime and Forensic Auditing: A new avenue of collaboration with Digital Forensics'**.

In the post lunch session, there was an interactive lecture by Dr. Vrinda J Bhat, Professor and Head of Forensic Medicine, Srinivas Institute of Medical Sciences, Surathkal, Mangaluru, Karnataka, on **'Value addition to FMT teaching in CBME through collaboration and Integration'**.

The Day two began with talk on **'Value addition to Autopsy practice by meaningful collaboration with ancillary divisions'** by Dr. S.Venkata Raghava, Professor and Head of Forensic Medicine, Bangalore Medical College and Research Institute, Bengaluru. This was followed by talk on **'Scope of collaboration of State Forensic Science Laboratory for authentic scientific reporting of sexual offences including cases under POC SO Act'** which was held by Dr. Pradeep Kumar MV, Joint Director (Technical/R&D) State Forensic Science Laboratories, Madiwala, Bengaluru.

The concluding session of guest lectures was by Dr. Tanuj Kanchan, Professor & Head of Forensic Medicine, Dean (Research), AIIMS, Jodhpur, Rajasthan, on the topic of **'Scope of Collaborative research in Forensic Medicine'** The speaker himself being staunch researcher in Forensic Medicine and Anthropology, gave a valuable insight regarding the opportunities available for qualitative and quantitative research in Forensic Medicine and allied branches of Forensic Sciences and Criminology.

There was also an innovative quiz programme, **'ENQUSTA'**, for postgraduate students of Forensic Medicine.

Programme was concluded with Valedictory Programme presided by the Dr. Praveen Kulkarni Vice – Principal (Paraclinical) of JSS Medical College, along with distribution of Certificates of Participation to delegates.

GyAn 2022 – 09-07-2022



GyAn 2022 CME on Infertility and Andrology” was organised on Saturday, 09.07.2022 at Sri Rajendra Centenary Auditorium, JSS Hospital, was organized by the department of OBG on 09th July 2022. This CME was organized to shed light on various aspects of infertility, especially, male infertility.

The resource persons included Dr Varsha Samson Roy from Bengaluru, Dr.Vandana Hegde from Hyderabad, Dr

Vilvapathy S Karthikeyan from Chennai and Dr.Yogitha Sanjay, Dr Niveditha Shetty, Dr.Deepa Bhat, Dr Jayashree S, Dr Shilpa C V, Dr.Navyashree, Dr Madhuri N and Dr Swetha V Padaki from Mysore.150 delegates had registered for the CME

35th IAP-UG QUIZ COLLEGE ROUND: A REPORT



The 35th IAP-UG quiz was conducted at college level for 8th term students on 28.07.2022 in Lecture hall-1 by the Dept. of Paediatrics in collaboration with IAP Mysuru branch. The occasion was graced by Dr. H Basavana Gowdappa (Principal, JSSMC), Dr. PA Kushalappa (Director, JSS AHER), Dr. CP Madhu (MS, JSSH), Dr. Savitha MR (MS, Cheluvamba hospital), Dr. Pradeep (IAP president Mysuru division), Dr. Jagdish Kumar K (HOD

Paediatrics, JSSH) and the entire department of Paediatrics.

The quiz masters, Dr. Usha Manaswini Ramesh (SR Paediatrics) and Dr. Pooja HM (SR Paediatrics) conducted the quiz based on the Central IAP quiz guidelines.

The winners represented JSS Medical college in the divisional round to be held on 20.08.2022 at Mangaluru.

IOA Cadaveric Skill Course on Pelvis & Acetabulum (Soft & Hard skill) on 20th & 21st August 2022

Department of Orthopaedics, JSS Medical College & Hospital, JSS Academy of Higher Education & Research, under the aegis of Indian Orthopaedics Association organized National level 'IOA Cadaveric Skill Course on Pelvis & Acetabulum (Soft & Hard skill) on 20th & 21st August 2022 at JSS Medical College, MYSURU. The Dept. of Anatomy had provided specially treated cadavers with genelyn fluid which made the tissues feel surreal and providing an exact simulation of a live surgery.

The saw bone workshop helped to learn tips & tricks in fixation of fractures from experts across the country. Further to this case scenario and panel discussions made it a comprehensive curriculum.

A special lecture was arranged by Dr Ram Chadda, Vice President of Indian Orthopaedic Association on **“Soft skills for Doctors”** in present scenario of doctor patient relationship.



Basic Knee and shoulder arthroscopic simulation and cadaveric workshop24-08-2022



Department of Orthopaedics, JSS Medical College & Hospital, JSS Academy of Higher Education & Research, under the aegis of Mysore Orthopaedics Association organized “BASIC KNEE AND SHOULDER ARTHROSCOPIC SIMULATION AND CADAVERIC WORKSHOP” on 24th August 2022 JSS Medical College, Mysuru. The Dept. of Anatomy headed by Dr. Pushpalatha and course coordinator Dr. Shivaprakash had provided specially treated cadavers with Genelyn fluid which made the tissues feel surreal and providing an exact simulation of a live surgery.

The skill and simulation lab headed by Dr. Archana JSSAHER had provided simulation lab prior the cadaveric workshop to know diagnostic Arthroscopy part of the shoulder and knee so that the delegates get the complete orientation of the ACL reconstruction of the knee joint and Diagnostic Arthroscopy of the shoulder joint.

A special lecture on Basic knee and shoulder arthroscopy and later on Cadaveric arthroscopy of both knee and shoulder was delivered by Dr. Vijay C., Dr. Santhosh M.S. and Dr. Shreyas M.J. arthroscopic team, Department of Orthopaedics. Delegates were given hands on for Graft Harvesting and preparation.

CME on Chronic Pain management on 11-12-2022

The Department of Anaesthesiology, critical care and Pain medicine conducted a National CME on chronic pain management on 11/12/2022. CME was very well attended by 200 delegates including post graduate students, budding pain physicians and senior consultants interested in pain medicine. Eminent faculty of National and International level were invited for the CME. It was a delight to watch the active participation of the delegates following each session. The scientific program was very well appreciated by the delegates.



CME on Pigmentary Disorders – 16-10-2022

Department of Dermatology, Venereology and Leprosy of JSSMC & Hospital, conducted a full day CME on Pigmentary Disorders on 16th of October 2022 at SRC Auditorium JSS Hospital, Mysuru. This CME was conducted in collaboration with IADVL academy and Executive Committee (EC) along with Special Interest Group (SIG) Pigmentary Disorders. The theme of CME was **Facial Hyperpigmentation- An Update**. Around 100 delegates, including consultants and postgraduates from Karnataka and Kerala participated. Dr. Sendhil N Kumaran gave a talk on update on acquired dermal macular hyperpigmentation, Dr. Pooja Arora gave a talk on current concepts and pathogenesis of melasma and Dr. Chandrashekar BS gave an interesting talk on insights and recent updates on management

of Melasma. The inauguration was followed by a talk and video demonstration of procedures for facial hyperpigmentation by Dr.Namitha Chatra. Later Dr. Smitha Prabhu gave a talk on drug induced pigmentation and Dr Rashmi Sriram spoke about updates on periorbital melanosis. This was followed by a panel discussion on management of Facial Hyperpigmentation which was moderated by Dr.Sanjay Rathi along with panelists Dr.Jayadev Betkerur, Dr.Bangaru, Dr.Chethana S.G. along with the speakers. Management of various hyperpigmentary disorders. Later there was talk by Dr. Sahana M Srinivas, a Paediatric Dermatologist on Genetic Hyperpigmentary Disorders followed by a talk on Approach to a Child with Acanthosis Nigricans by Dr.Ajay Hanumanthu, Endocrinologist. This was followed by 6 paper presentations by various post graduates from various medical colleges within Karnataka along with a PG Quiz on Hyperpigmentary Disorders which was conducted by Dr.Vinutha R.



45th Academic Meet for Emergency Medicine – Karnataka on 18-12-2022



The JSS hospital's emergency Medicine Department hosted the 45th Academic Meet for Emergency Medicine – Karnataka on December 18, 2022. A case discussion by Dr. Naureen Naik, a clinical presentation on primary spontaneous pneumothorax by Dr. Ramsagar, a pocus-guided approach to undifferentiated shock by Dr. Srivathsa, and a quiz by Dr. Harshit were among the four sessions of the meet. There were 25 delegates in offline and 30 delegates joined online during this hybrid meet.

First Aid Workshop – 20-12-2022



First aid workshop was conducted on 20th December 2022 at SJCE, Mysuru by department of emergency medicine, JSS medical college. Program was inaugurated by Dr.A.N.Santhosh Kumar (Vice-chancellor, JSS science and technology), Dr.S.A.Dhanaraj (Registrar, JSS science and technology), Dr.N.Haraprasad (Dean of IQAC and professor of biotechnology) Dr.KR.Sanjay (HOD biotechnology) and Dr.Adarsh.SB (assistant professor) and Dr. Aishwarya (senior resident). It was a workshop for 100 delegates from the biotechnology department including staff and students. It was a workshop on basic first aid and hands on CPR.

Fifth Edition of National Undergraduate Medical Conference – Asclepius 2022 held at JSS Medical College Mysuru from 18-10-2022 to 21-10-2022

Students Research Cell of JSS Medical College, JSS Academy of Higher Education & Research, Mysuru had organized fifth edition of National Undergraduate Medical Conference- Asclepius 2022 from 18th to 21st of October 2022. The conference was a huge success with the participation of over 300 delegates from various parts of the country. More than 10 skill-based workshops on research methodology, suturing skills, basic life support, emergency ophthalmology, diagnostic skills, crime scene investigation were conducted by specialist faculty members across various departments in medical college and hospital.

Budding doctors showcased their academic and research talents through research paper and poster presentations, case presentations, medical shark tank (for showcasing the entrepreneurial skills of the student-doctors), pre, para and clinical quiz competition etc. Literary events like Medical Taboo,

Medical Pictionary, Medical Treasure Hunt and the Medical Just A Minute, were conducted with the motto of students engagement in a battle of wits with a dash of academics.

The first ever **Model United Nations- JSS Medical College MUN** was organized as a part of Asclepius 2022 on 20th and 21st of October 2022. More than 100 students from various medical colleges across the country participated in the mock UN- WHO assembly focusing on various issues of national and international concern like universal health coverage, sustainable development goals, mental health and challenges in health care delivery system. The JSS-MUN was inaugurated by Dr Sudhir Nayak, WHO-Surveillance Officer of Mysuru district and deliberated on importance of international relations in health and wellbeing.



School of Public Health :Research Methodology Workshop on 5, 6, 7, 12 & 13-Dec 2022

A three- day research methodology workshop was organized by JSS School of Public Health for 1st semester, Master of Public Health students with an aim to develop better insight to research topics, provide systematic structure, choose an effective and appropriate study design and analysis method and thus enhancing the research quality.

The students were introduced to what research is, how selection of topic is to be done and how the objectives for research are to be framed. They were taught about identification of research question, how to write the problem statement and how to formulate the hypothesis for research. The students were trained on what a literature review is and how to write one. The session continued with introducing the students to various research search engines like Pubmed, Elsevier and Clinical key access. They were given instructions and tips about writing using Microsoft word, the common formatting issues that are faced and how to utilize the review panel. They were taught



the fundamentals of scientific writing, study methodology in detail including objectives, study population, inclusion and exclusion criteria, study designs, framing questionnaire, Good Clinical practice (GCP), Informed Consent, Assent, IRB review and regulatory bodies and funding agencies. Post workshop was conducted to assess the knowledge they had gained in the workshop.

Non descent vaginal hysterectomy & PPH workshop – 24-07-2022



Department of OBG had organized NDVH (Non descent vaginal hysterectomy) & PPH Workshop on Sunday 24.07.2022 at Sri Rajendra Centenary Auditorium, in association with Mysuru OBG Society. This workshop was organized to throw light on improving techniques of vaginal hysterectomy and managing post partum haemorrhage, a life threatening complication affecting pregnant women effectively after delivery. The operating faculty for the NDVH workshop was Dr Ashish Kubde, Consultant Gynaecologist, Laparoscopic and Pelvic

Surgeon, Seven Star Hospital, Nagpur. A renowned vaginal surgeon, Dr Ashish Kubde operated on 4 cases and gave tips and tricks to facilitate NDVH in difficult scenarios. His skills were well appreciated by the audience. There was a live relay of surgeries from the II floor OT to the auditorium. The resource persons for the PPH workshop were Dr Ashish Kubde, Dr Veerendrakumar, Professor and Unit head, Department of OBG, VIMS, Bellary and Dr Jayaprakash Patil, Consultant Laparoscopic and Pelvic Surgeon, Bettadur Superspeciality Hospital, Raichur. They enlightened the audience on various aspects of prevention and treatment of PPH, both medically and surgically and also covered the recent advances in conservative management of PPH. Dr Roopa Prakash, President of Mysore Obstetrics and Gynecological Society, Mysore and Dr Suma K B, Professor and Head, Department of OBG, JSS Medical College, Mysore were the chairpersons and Dr Pushpalatha N, Secretary, MOGS and Dr Virupaksha Ajjammanavar, Associate Professor and Unit Chief, Department of OBG, JSS Medical College, Mysore were the organizing secretaries. The faculty from the department of OBG as well as postgraduates and interns took active part in the organization of the workshop.

The workshop was a grand success with 125 registered delegates who included gynecologists from Mysore as well as Mandya, Madikeri, Kollegala and Adichunchanagiri Institute of Medical Sciences.

Brief report on the Library workshop – 15th to 17th Nov.2022

On the occasion of National Library Week, a three-day Library Workshop on ***'Utilization of E-Resources and Enhancing Research Visibility'*** was organized by the Library Committee of JSS AHER from 15th to 17th November 2022. at Shri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. The primary objective of the workshop was to promote the use of E-learning, enhancing research skills, awareness of available E-resources in JSS AHER libraries, enable to acquire knowledge on current technological developments in research fields, to improve teaching skills and learning abilities and channelize development in Research.



The workshop was inaugurated on 15th November 2022 by invoking the divine blessings of his holiness Sri Shivarathri Rajendra Mahaswamiji and offering our pranams at the lotus feet of his holiness Jagadguru Sri Shivarathri Deshikendra Swamiji. The inauguration began by an invocation. Mrs. Shobha SC, Librarian, JSS MC and Member Secretary, Library Committee, JSS AHER welcomed the Chief Guests, Principals, Officers of JSS AHER and all participants. This was followed by lighting the lamp by chief guests. Prof. T.D. Kemparaju, Former VC, Bengaluru North University, Bengaluru, Dr. Surinder Singh, Vice Chancellor, JSS AHER and Dr. B. Manjunatha, Registrar, JSS AHER. The workshop was also aired Live on YouTube on all 3 days.

FACE-OFF: HANDS ON CADAVERIC & INJECTABLES WORKSHOP – 17th March 2023

Hands on Cadaveric & Injectables workshop was held on 17th March 2023 in the department of Anatomy in association with CUTIS academy, Bangalore, GUFIC Biosciences & Department of Dermatology, JSS Medical College. Around 60 delegates had registered for this Hands on Cadaveric and Injectables Workshop. The workshop was started by singing an invocation song on Lord Ganesha.



Dr. Niamh Corduff, Plastic Surgeon spoke about holistic and extensive insight into the essential anatomy of the human face for safe practice into aesthetic medicine. She also talked about comprehensive understanding of various anatomical layers and structures within fresh frozen cadaver facial tissue and how facial injections influence volume loss and aging. Dr. Rajesh Lalchandani, Consultant Medical Director, GUFIC Biosciences highlighted the importance of pertinent clinical facial anatomy with emphasis on safe and reproducible techniques for the use of injectable HA dermal fillers and Botulinum toxin type A fillers in the training programme.

Museums, Sustainability and Wellbeing - 18th May 2023

Department of Anatomy organized Museum visit and awareness program on the occasion of International Museum Day 2023 with the theme: “Museums, Sustainability and Wellbeing” on 18th May 2023.

The students of Mysore Science Foundation visited the Anatomy Museum. Dr. Hemamalini S., gave an Overview about the Anatomy Museum. This was followed by a museum tour, which was guided by volunteers from 1st MBBS students.

The teachers and students gave positive feedback about the program. They appreciated the wide range of displays of dissected and plastinated specimens.



National CME “Scope of Anatomy in Future” – 17-06-2023

Department of Anatomy, JSS Medical College, JSS AHER, Mysuru in association with **Karnataka Chapter of Anatomists** had organized a National CME on «Scope of Anatomy in Future» held on 17th June 2023, Sri Rajendra Auditorium, JSS Medical College.

The first session of the CME was on the topic “**Anatomists in The Realm of Clinical Anthropology**” by Dr. W M S Johnson gave a very insightful talk on the possibilities of Anatomists in the field of Anthropology., The session was chaired by Dr. Asha KR and Dr. Seema Deepak. Dr. Vivek Singh Malik gave an informative talk on “**Anatomist as an Administrator**” and motivated us to take on

more administrative roles, the session was chaired by Dr. Girish Patil and Dr. Meenakshi Parthasarathy. The post-lunch sessions began with a talk on the topic “**Enhanced clinical skills through cadaveric anatomy**” by Dr. Brijendra Singh where he shed light on the use of cadaveric skill labs as surgical skill labs and the importance of focusing on post-graduate learning. The academic proceedings ended



with a panel discussion on **“Challenges, solutions and future direction for Anatomists”** moderated by Dr. Deepa Bhat. The Panelists included Dr. Prakash B.S., Dr. Sanjeev Kolagi, Dr. Kannan Shah (online), and interns Dr. Tejashree S M and Dr. Rohit B Rajeev where they discussed challenges as a researcher, and suggestions to extend the field of anatomy in neurosurgery and connect with clinicians using Artificial intelligence. The Valedictory function marked the closure of a very successful CME with the support of all the Guests, delegates, online and offline participants gave positive feedback and appreciated organizing team.

National Level Hands-on Training Program On “Mass Spectrometry” **02-01-2023 to 08-01-2023 at IISC campus, Bangalore.**



The DST STUTI Training programme on “Mass Spectrometry” mainly focused to train the participants on basics of Mass Spectrometry, profiling small molecule and protein by MALDI and LCQTOF, Profiling of volatile compounds by GCMS and acquisition and data analysis by effective lectures and hands on sessions was organized from 02-01-2023 to 08-01-2023. For the training programme, more than 150 applications were received out of which 30 participants were selected. The participants were Faculty Members, Teaching Assistants, Research Scholars, Post-doctoral Fellows and Post Graduate students from chemistry and Life Sciences backgrounds. The Registrar, Dr. Manjunatha B, presided over the programme insisting on the utilization of the instrumentation facilities at IISc, the

importance of knowledge enhancement and how such events are helpful in bringing all the resources and the knowledge under one roof. Finally, Dr. Dhanya B.E., Project co-ordinator proposed the Vote of Thanks.

The day one started with a lecture by Prof. Padmanabhan Balaram National Centre for Biological Sciences, Bangalore on **“Mass spectrometry in the analysis of peptides and proteins”**. The second lecture was delivered by Mr. Venkatesh Sankarasetty, Bruker India Scientific Pvt. Ltd on the **“Basics of Mass Spectrometry and its applications”**, which gave the participants a detailed view of Mass Spectrometry instrumentation, workflow, varieties starting from Single Quadrupole to FTMS. He also spoke about **MALDI (Matrix Assisted Laser Desorption/Ionization)**. The participants were given demonstration on working methodologies on 4 main demo instruments i.e. Orbitrap fusion, GCMS, MALDI TOF and LC-ESI QTOF by Dr. Saravanan Kumar and his team members from Thermo Fisher Scientific India, Chandrasekar kandaswamy from Agilent Technologies, Mr. Venkatesh Sankarasetty from Bruker India Scientific Pvt. Ltd respectively.

Prof. Paturu Kondaiah, spoke about the cancer, characteristics of cancerous cells and how mass spectrometry is used for the study of metabolomics. This was followed by talk by Dr. Vinay Bulusu, Assistant Professor, Indian Institute of Science Education and Research, Berhampur about the basics of a metabolomics pipeline and gave some examples from his own research experience. Sricharan Nethala, Bruker India Scientific Pvt. Ltd spoke on **“Bruker’s next gen mass spectrometry solutions - Enhancing workflow capabilities for Translational Mass Spectrometry**. Dr. Ramray Bhat delivered talk on **“Using omics to investigate a novel glycode program in early breast cancer migration”**, **“Choosing the Right Bio separation Method In Proteomics”** delivered by Dr. Sushma Krishnan, which



gave the participants a detailed view about principles, and methods for biomolecule separation, particularly protein purification and also about different types of chromatographic matrices. After which a talk on **“Data analysis tools for proteomics experiments”** by Dr. Gagan Deep Jhingan (Valerian Chem Pvt Ltd) was held through Online Mode **“Delineating Protein PTMs using High Resolution Orbitrap Mass spectrometry”** by Dr. Saravanan Kumar from Thermo Fisher Scientific India, **“Single cell proteomics workflow to interrogate the granularity of biological systems”**, **“Introduction to the mass spectrometry and its general applications”** were other topics covered.

Pre-conference workshop on Basic and advanced techniques in pharmacogenomics



The Department of Medical Genetics and the Department of Biochemistry, JSS Medical College and Hospital, JSS Academy of Higher Education & Research, Mysuru organized a pre-conference workshop on **“Basic and advanced techniques in pharmacogenomics”** on 22-02-2023 as a part of IPSCON organized by JSS College of Pharmacy, Mysuru. Twenty-four delegates from various medical and pharmacy colleges participated in this workshop.

The workshop began with a lecture by Dr. Vinay Kumar Rao, Assistant Professor, Department of Medical Genetics, JSS Medical College, who gave a broad introduction to pharmacogenomics. Following this, another lecture by Mr. Prince Jacob, Assistant Professor, Department of Medical Genetics, on DNA extraction methods. The delegates had their first hands-on session on “DNA isolation using Himedia kit” demonstrated by Mr. Siddharth, Ms. Vaibhavi, and Dr. Surajj. Post-lunch hands-on session on DNA quantification by Nanodrop technology given by Dr. Surajj and Ms. Vaibhavi. Following this hands-on session on DNA “Quality assessment by Agarose gel electrophoresis” was given by Mr. Siddharth. A practical session was demonstrated on “Polymerase chain reaction setup”, by Mr. Siddharth and Ms. Anju. After a short break, Dr. Arshia Angural, Assistant Professor, Department of Medical Genetics, gave a lecture on the “Role of Sequencing Technologies in Pharmacogenomics”. Following this, the final practical session of “Gel electrophoresis of the PCR amplicons and data interpretation” was performed.

Inauguration of CEMR – 3 Lab – 19-04-2023



JSS Academy of Higher Education & Research in support from the Department of Biotechnology under the Boost to University Interdisciplinary Life Science Departments for Education and Research (BUILDER) program has established a Liquid Chromatograph coupled with High-Resolution Mass Spectrometer (LC-HRMS) facility in the Centre for Excellence in Molecular Biology and Regenerative Medicine (CEMR), Department of Biochemistry, JSS Medical College. The facility was inaugurated by Dr. Pratima Murthy, Director, NIMHANS in the presence of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, Chancellor JSSAHER; Executive Secretary, Dr. C.G. Betsurmamath; Vice Chancellor, Dr.

Surinder Singh; Registrar, Dr.B.Manjunatha; Dean Research, Dr. Prashant Vishwanath; Principal, Dr.H.Basavana Gowdappa, Vice Principal (Pre-clinical), Dr.M.N.Suma; Vice Principal (Clinical), Dr.M.Manthappa and Administrative Officer, Mr. S. R. Satish Chandra. A brochure, highlighting the facilities available in the CEMR laboratory was also released on this occasion.

This facility is one of the most important sophisticated units of JSS AHER involved in clinical research, the discovery of novel biomarkers for diagnosis, prognosis, and identification of new therapeutic targets. LC-HRMS can provide exquisite analytical specificity for the presence or absence of toxicological substances present in the biofluids such as blood, urine, cerebrospinal fluid, lymph, and saliva. Furthermore, this instrument can be used in the field of Clinical Toxicology, Forensic Toxicology, Microbiology, and Molecular Diagnostics. HRMS can also be used in the rapid identification/analysis of microorganisms, mass spectrometry imaging, and retrospective drug analysis. This state-of-the-art facility helps in advanced research by its precision detection capability of very low quantities of known and hitherto unknown biomolecules. In addition to health sciences, LC-HRMS has been in use in various fields of biology, life sciences, physical-, chemical, and agricultural sciences. In summary, this new facility created by JSS AHER is a major contribution not only to better clinical research but also to a boost to the research.

Medical Laboratory Professionals Week – 28-04-2023



Medical Laboratory Professionals Week, an annual celebration to highlight and show appreciation for laboratory professionals was celebrated at JSS Hospital on 28th April 2023 with the theme **“The Future is Lab”** as announced by Centers for Disease Control and Prevention (CDC), Atlanta, USA. The event was inaugurated by Dr.G.V.Manjunath, Deputy Director (Diagnostics), Dr.Sheeladevi C.S., Professor & Head, Department of Pathology, Dr.A.Tejaswree, Professor & Head, Department of Microbiology, Dr.Akila Prashant, Director Laboratory Services and Professor & Head Department of Biochemistry,

Mr. Lokesh, Administrative Officer, JSS Hospital. A gratitude video appreciating the contribution, dedication, hard work and tireless efforts of the technicians in releasing timely and quality reports to aid the patient management and support health care system was played along with brain teasers in the form of games which was arranged for all the laboratory support staff and the winners were suitably rewarded. The event was well attended by all the faculty and technical staff of the laboratory departments and was co-organized by Quidel Ortho.

National CME on Tuberculosis 2023

Theme: “Yes! We can end TB! - Fundamentals to Advances” - 18.03.2023



Department of Community Medicine, JSS Medical College, Mysuru organized one day National CME on Tuberculosis 2023 under the theme- Theme: **“Yes! We can end TB! - Fundamentals to Advances”** in hybrid mode i.e, on 18th March 2023 in association with District Tuberculosis Office, Department of Health, and Family Welfare, Mysuru and SIG in Public Health, JSSMC. The chief guest for the CME was Dr. Mohammed Shiraz Ahmed, District Tuberculosis Officer, Department of Health and Family Welfare, Mysuru. The President for the CME was Dr.Suma M.N., Vice Principal, JSS MC and The Guest of Honors includes Dr.Praveen Kulkarni, Vice Principal, Dr.Manthappa, Vice Principal, JSS MC, and Sri Satish Chandra, Administrative Officer,

JSS MC.The Community Medicine Chronicle, a monthly E-Newsletter (first issue) of the Department of Community Medicine, JSS Medical College was launched at the event. This monthly e-newsletter aims to promote community medicine while keeping readers informed about our department's activities and achievements. The inauguration was concluded by giving a vote of thanks by Dr. Nayanabai Shabadi, organizing secretary of the CME.

The sessions started with a talk by Dr. Shazia Anjum, WHO, Medical Consultant-NTEP, Karnataka State Head Quarters. She spoke on NTEP- Recent updates, followed by the next session on **“Role of Medical Colleges in TB Elimination”** by Dr. Nirmala A R, Senior Specialist, State TB Centre, Bangalore. Dr.R.Balaji, Scientist E (Medical) ICMR, NIRT Chennai, delivered a lecture on **“Research in TB- overview of ongoing and prospective opportunities”** This session was followed by another online session on **“Leverage Real-world evidence for better health decision and better care in TB patients”** by Mr. Parthiban S, President of OHDSI India Chapter, VP Innovation and Growth Global Value Web, Netherlands. About 1,130 delegates (both online and offline) from various parts of the country actively participated in this event. The sessions were interactive through the active participation of delegates in the Q & A session.

Awareness & Nutrition programme in Anganwadi on 5th February 2023 at JSS Urban Health Centre, Bamboo Bazaar, Mysuru.

To raise awareness about cancer and leprosy in light of World Cancer Day (4th February 2023) and world leprosy day (January 29th, 2023), an awareness programme was held on behalf of the Department of Community Medicine, JSS Urban Health Training Centre, Bamboo Bazaar, and PHC, Bannimantap on 5th Feb. 2023. The programme was conducted in Anganwadi, MCC colony, near the railway circle, Bannimantap. It was held as small group discussions. The head sister of PHC, Bannimantap, a medico-social worker and medical officer addressed the gathering. The awareness was on the following topics:

1. Leprosy – Causes, clinical manifestations & importance of early diagnosis and treatment.
2. Cancer- Common types of cancer, Nutritional awareness for the prevention of cancer.

After the discussion, a short ten-minute video was played on the awareness and prevention of cancer in the Kannada language., then queries by the people were answered. This was followed by Health education on the importance of maternal and child nutrition and weaning was given. The “Seemantha” ceremony for pregnant women was also conducted on the same day.

Three-day workshop titled Statistical Methods and Research Techniques - Using SPSS (SMART 8.0) – 5th to 7th Jun.2023



The Department of Community Medicine, JSS Medical College, JSS AHER Mysuru successfully organized a

three-day workshop titled & quot; Statistical Methods and Research Techniques - Using SPSS (SMART 8.0) & quot; in Hybrid Mode from 5th to 7th June 2023 at Medical Education Unit (MEU), JSS Medical College. The event aimed to enhance participants' proficiency in statistical analysis and research methodologies using the Statistical Package for the Social Sciences (SPSS) software.

International Symposium – “Swasthyam 2023” – 1st & 2nd Jun.2023



The School of Public Health, JSS Medical College, JSS Academy of Higher Education and Research, Mysuru, organized an international symposium “Swasthyam 2023” on June 1st and 2nd 2023, in collaboration with the Public Health Research Institute of India (PHRII).

The resource persons were Assistant Vice Chancellor, Professors belonging to Public Health, Respiratory Medicine, Infectious Disease & Internal Medicine, Psychology and Environmental Sciences. They belong to top 100 international universities like University of Arizona, Barry University, University of Illinois, University of Southern California and Florida International University. The participants were visiting from various states of India.

This symposium witnessed the exchange of ideas, the forging of connections, and the sharing of ground- breaking research on maternal and child health, infectious diseases, psychology, social health, health system and policy research, air pollution, African spiritual life, and social initiatives presentations. Scientific paper presentations and poster presentations. Panel discussion on career opportunities in Public Health: Current and Future Perspectives was held to guide the upcoming public health aspirants.

ANNUAL MEDICINE UPDATES – 2023: 6th, 7th & 8th January 2023



The Departments of Medicine, JSS Medical College & MMC & RI, Mysuru jointly conducted MPMRT Annual Medicine Update 2023 at Dr.Sri Shivarathri Rajendra Centenary Auditorium, JSS Hospital, Mysuru for 3 days from 6th, to 8th January 2023. It was attended by Postgraduates from all over Karnataka. Over 250 Delegates registered and actively participated in the proceedings.

Dr.H.Basavana Gowdappa, Principal, JSSMC, Dr.Y.S Ravikuma, Professor & HOD welcomed the delegates & initiated the proceeding.

The first day's deliberations started with Dr. Lakshmi Nagendra, Asst. Prof of Endocrinology, JSS MC, Mysuru who spoke about the “**Adrenal Emergencies in clinical practice**”. This was followed by the talk on “**Acute Pancreatitis – Physicians perspective**” by Dr Rajkumar Wadwa, Senior Gastroenterologist, Apollo BGS Hospital, Mysuru. The Function was inaugurated by Dr.Ravi.K, Dean & Director, BMC&RI, Bengaluru, Dr.Kakshayanil, Dean & Director MMC&RI, Mysuru, Dr.C.D.Sreenivasa Murthy, Chairman, MPMRT presided and Dr.Umesh Kamath, Donor representative and Dr.H.Basavana Gowdappa, Secretary of MPMRT, Principal, JSSMC, Mysuru attended the programme as special invitees and felicitated the MBBS topper. Dr.Y.S.Ravikumar, Professor & HOD of Medicine, JSSMC, Mysuru, Dr.D.K.Sunitha, Professor & HOD of Medicine, MMC-RI, Mysuru and Dr.Basavaraj.M.M, Chairman, API Mysore Chapter were guests of honor.

Dr.T.B.Basavarajendra Memorial Oration was delivered by Dr Govinda Babu, Senior Medical Oncologist, Chairman, API-Karnataka. He spoke on “Cancer Biomarkers in diagnosis & monitoring the treatment response”.

This was followed by “Symposium on – Newer concepts in oncology 1. Emergencies in Haemato-

oncology. 2. Biologicals in cancer Management. 3. Immunotherapy in Cancer management” by Dr.Sachin Jadav, Haematologist, HCG, Bengaluru. This was followed by “Clinical Cardiology case discussion”. Post Graduates of JSSMC, BMCRI and MMCRI presented cardiology cases and the session was moderated by Dr.Channarayana, Professor of Medicine, Secretary MERT, Bengaluru, Dr.B.J.Subhash Chandra, Professor of Medicine, JSS MC, Mysuru, Dr .R.M.Suresh, Professor & HOD of Medicine, HIMS, Hassan and Dr.Shashikantha, Professor & HOD of Medicine, AIMS, Bellur. This was followed by “Clinical approach to MCTD” by Dr.Subramanian.R, Professor of Rheumatology, JSSMC, Mysuru.

The next day, Dr.Madhu.B, Professor of Community Medicine and Deputy Dean of Research, JSS AHER, Mysuru gave a talk on “Choosing the right Biostatistical test in Medical Research”. Next Dr.Raviraj Acharya, , Professor & HOD of Medicine, KMC, Manipal gave Ghevarchand Surana Oration on “Future of Medicine-Role of Internist in the era of Emerging Medical Technologies”. This was followed by Respiratory case discussion” Moderators: Dr. Sidney D,Disouza, Prof. & HOD of Medicine,Yenepoya Medical College, Mangalore.Dr.B.S.Jayaraj, , Prof. & HOD of Respiratory Medicine, JSSMC, Dr.Harish, Prof. & HOD of Medicine, JJM MC, Davangere, Dr.Yashavanth, Prof. & HOD, SSMCRI, Davangere. This was followed by “CPC” Chief Discussor: Dr.Laxmegowda, Professor of Medicine, MMCRI, Pathologist: Dr.Vijaya B, Professor of Pathology, JSS MC, Moderator: Dr.M.Bhanukumar, Professor of Medicine, JSSMC. This was followed by a talk on “Informed Consent in Medical Practice” by Dr.Vishwanath Krishnamurthy, Professor of Medicine, MSRMC, Bengaluru. This was followed by “Clinical Neurology Case Discussion” moderators Dr.Nagesh GN, Prof. & HOD KIMS, Bengaluru, Dr.Bande, Prof.of Medicine, KMC- Hubli, Dr.Y.S.Ravikumar, Prof. & HOD of Medicine, Dr.Jayashankar.C.A, Prof & HOD of Medicine, VIMS & RC.

Third day of the academic feast started with a Guest lecture: “CKD in elderly: Geriatric Perspective” by Dr.Prathibha Pereira, Professor & HOD of Geriatrics, JSS MC, Mysuru. This was followed by Dr.M.V.Govindappa Memorial oration which was delivered by Dr.Shashank Joshi, Padmashree Awardee, Former President of API, RSSDI, India. Senior Endocrinologist, Mumbai on “Reversal of Diabetes-Is it a reality?”. It was telecast on Zoom Platform and several hundred more physicians across India had the opportunity to listen to him.The next talk was presentation of ABG – Interactive session by Dr.Gurudatt C.L, Professor of Anaesthesia, JSS MC, Mysuru. Following this was a lecture on “Autoimmune haemolytic anaemia” by Dr.Mahesh Rajashekaraiah, Hematologist Sparsha Hospital, Bengaluru. Followed this Dr.Aradhya.H.V, Asso. Prof. of Gastroenterology, JSSMC gave a talk on “Hepatic encephalopathy” What is new in management? Followed this Dr.Deepak Suvarna, Professor & HOD of Gastroenterology, JSS MC gave a talk on “Upper GI-Bleed”. The final event was Dr.M.V.Govindappa Memorial Quiz which was held by Quiz masters Dr.Prasad.M.C, Asst. Prof. of Medicine, JSS MC, Mysuru, Dr.Madhukumar.R. Assistant Professor of Medicine, MMCRI, Mysuru, Dr.Lavanya.B.U, Asst. Prof. of General Medicine, MMC RI, Mysuru and Dr.Chaithra, Asst. Prof. of General Medicine, MMC RI, Mysuru.

SYMPOSIUM ON EPILEPSY – 2023



MS Ramaiah Medical College & Hospitals, Bangalore, Department of Medicine, JSS Medical College, Mysuru and API Mysore Chapter jointly conducted “SYMPOSIUM ON EPILEPSY” at Hotel Southernstar, on 11.03.2023. Dr.Y.S.Ravikumar, Professor & HOD of Medicine and General Secretary, API Mysore Chapter welcomed the delegates. Dr.Pradeep.R, Associate Professor, Department of Neurology,

Ramaiah Medical College & Hospital, Bengaluru spoke about “Selecting the first Antiseizure Medication”. This was followed by the talk on “Current Trends and Guidelines in Management of

Epilepsy” by Dr.Shasthara.P, Assistant Professor, Department of Neurology, JSS Medical College & Hospital, Mysuru. Finally Dr.Shabari Girishan.K.V, Associate Professor, Department of Neurosurgery, Ramaiah Medical College & Hospital, Bangalore gave a talk on Presurgical Evaluation and Surgical Management of Drug Refractory Epilepsy. The event was attended by physicians & postgraduates of both Medical Colleges. API Mysore Newsletter edited by Dr.M.Bhanukumar was released on that day by Dr.Premanath and Dr.Vamadev, Senior Physicians of Mysore

NRP Course, Skill & Simulation Lab Advance NRP @ JSS Hospital, Mysuru – 6th Jan 2023

Department of Paediatrics, JSS Medical College successfully conducted the Advanced NRP course at Skill & Simulation Lab, JSS Hospital, Mysuru on 11th August 2018. We had a total of 37 participants who completed the course successfully. The postgraduates were from JSS Medical College, Mysore Medical College, Mandya Institute of Medical Sciences, Mandya. The faculty in the workshop were Dr.Deepti, Dr.Chandrakala, Dr.Prasad, Dr.Raksha, Dr.Srinivas with Dr.Janaki.S.R as a lead instructor. We were happy to get positive feedback from the participants at the end of the course.

9th Mysore Orthopaedic Course – 2023



9th Mysore Orthopaedic Course – 2023 was conducted on 25th & 26th March 2023 at Sri Rajendra Centenary Auditorium, JSS Hospital Mysuru.

The Mysuru Orthopaedic Course has been conceptualised by the Department of Orthopaedics with soul intention of making the Participants learn directly under the guidance of Master of Teaching. The programme has

been framed in all practical aspects of examination, Skill development in identifying the signs and symptoms of clinical cases, one to one interaction with teachers. Added to this Pedagogy, Spotters, ward rounds, Radiology Discussion and Orthotics and Prosthetic discussion is a Complete Platter of Knowledge.



Radiology workshop- CME ON IMAGING FOR HEALTH PROFESSIONALS

The workshop was held on 12/05/2023. It was a successful event where professors from the Department of Radiology shared their knowledge about imaging to participants. The topics spoken in the workshop were: overview of imaging, neuro imaging, chest imaging, spine imaging, GIT imaging, temporal bone/TMJ. There were workshops conducted on MSK and sport injuries by the respective faculties of Department of Radiology. The workshop started at 9:00 am followed by an inauguration at 10:15am. There was a tea break between 10:30 to 10:45 am. Then it was resumed with chest imaging and the workshop was

ended up with workshop on MSK and Sport injuries at 5:00pm.

Biomedical Innovation in Otorhinolaryngology

The Dept of ENT conducted a certificate value added programme Biomedical Innovation, AI and innovative and models in Otorhinolaryngology. MBBS students & Interns were eligible to enroll for the programme. It was a dual mode method where both online and offline sessions were conducted. The invited faculties - Dr.Jagadeesh Chaturvedi from Bangalore, Dr.Ritesh from Delhi, Dr.Vijay govidaranjan from Vellore engaged sessions on biomedical innovations, robotic surgery and innovative hand models respectively.

In house faculty - Dr.Rakesh B.S. and Dr.Vikram Patil took sessions on mobile app Shravanamithra

and Artificial intelligence in healthcare sector respectively. A total number of 196 students enrolled for the value-added programme and actively participated in all the sessions.



Hands on Workshop in Dermatosurgery



Hands on Workshop in Dermatosurgery was conducted by the Department of Dermatology, JSS Hospital with financial support from Ajanta Pharma. This event was attended by delegates from all over the country. The event started with a lecture on Instruments – Needles/Suturing by Dr.Ashwini S, followed by Suturing Techniques by Dr.Ashwini P.K. NHET was demonstrated by Dr.Ranugha PSS, followed by a demonstration of Mole excision by Dr.Vinutha R. Dr.Chethana SG elaborated on Acne Scar Subcision surgery, Dermaloller and Punch Flootation, followed by demonstration of TCA Cross by Dr.Ashwini S and Chemical Peel demonstration by Dr.Srilakshmi N. The event was

closed with a demonstration of Nail Biopsy and Nail Avulsion techniques by Dr.Ashwini P.K.

Residential Clinical Skills Training Workshop in Psychosexual Medicine IPS Foundation Day Programme 07-01-2023



Department of Psychiatry, JSSMC along with SASSM School India, IPS Foundation Day of Indian Psychiatric Society and Karnataka Sexual Sciences Academy conducted residential clinical skills training workshop in psychosexual medicine from 05th Jan 2023 to 7th Jan 2023 at Hotel Sandesh the Prince, Mysuru.

A total of 50 members registered and participated in the programme. The programme was Inaugurated by Dr. B Manjunath, Registrar, JSS AHER. World renowned specialists in the field were resource persons for the various sessions conducted including Dr.Raj Brahmhatt, Dr.Deepak Juman, Dr.TSS Rao, Dr.S.S.Vasan and others. The inauguration was followed by scientific session where in several eminent

speakers enlightened the gathering with their knowledge and wisdom in psychiatry on the theme “Healthy Mind – Happy Life”. Around 200 peoples participated in the programme including staff and students from Dept. of Clinical Psychology. Personally and on behalf the organizing committee, we are grateful to the Principal and the JSS AHER for all the support for the making the programme a grand success.

MENTAL HEALTH TRAINING WORKSHOP – 04-01-2023



Mental Health training workshop was conducted on 4th January 2023 by the department of Clinical Psychology at JSS PU College, Chamarajanagar. Over 400 students and over 15 teachers actively participated in this program, which was aimed at sensitization and awareness

building about mental health, training in mental health promotion and preventive strategies etc.

MENTAL HEALTH TRAINING WORKSHOP – 12-01-2023

Mental Health training workshop was conducted on 12th January 2023 by the department of Clinical Psychology at JSS High School, Devalapura, Mysuru. Over 200 students and over 07 teachers actively participated in this program, which was aimed at sensitization and awareness building about mental health, training in mental health promotion and preventive strategies etc.

MENTAL HEALTH TRAINING WORKSHOP – 14-01-2023



Mental Health training workshop was conducted on 14th January 2023 by the department of Clinical Psychology at JSS High School, Suttur, Mysuru. This workshop was aimed at sensitization and awareness building about mental health, training in mental health promotion and preventive strategies etc. Training emphasized on how to detect and reduce stress during exam and to promote mental health. Over 950 (in 2 batch) students, who are pursuing 9th and 10th standard actively participated in activities conducted during the workshop. Over 25 teachers participated in this program, who have also understood the role of a teacher in promoting mental health of students.



MENTAL HEALTH TRAINING WORKSHOP – 16-02-2023 & 17-02-2023

Mental Health training workshop was conducted on 16th & 17th February 2023 by the department of Clinical Psychology for the heads and principals of 41 & 16 schools and colleges of JSS Mahavidyapeetha at Telemedicine Hall, 5th Floor, JSS Hospital, Mysuru.

All the heads and principals shown tremendous enthusiasm and participated actively in discussion and interaction with the resource persons.

Mental Health Training Workshop – 18th & 19th May 2023 & 15th & 16th June 2023



Department of Clinical Psychology & Psychiatry, JSS Medical College & Hospital, Mysuru conducted Two-full-days mental health training workshop at Telemedicine Hall, 5th Floor, JSS Hospital, Mysuru on 18th & 19th May 2023. This was the second workshop for teachers (in the series coming workshops including 40 mental health coordinator teachers from different schools/colleges in one batch). Target is to train 4 teachers in each school or college.

The workshop was conducted under the egis of Dr.Kishore M., Head, Dept. of Psychiatry & Dr.Manoj K Pandey, Head, Dept. of Clinical Psychology, JSS Medical College & Hospital, Mysuru.

Student Research fair – 2023 – 17th & 18th May 2023



Students Research Cell of JSS Medical College has organized Research Fair 2023 for the fourth consecutive year on 17th and 18th of May 2023. Dr.H.Basavana Gowdappa, Principal, JSS Medical College inaugurated programme. Dr Suma M N, Vice Principal formally welcomed the gathering and explained about the inception of research fair. Dr.Praveen Kulkarni, Vice Principal (Paraclinical), gave brief introduction about the research fair and various activities organized as a part of this event. Sri S.R.Satish Chandra, Administrative Officer, Mrs. Shilpa P, Assistant Administrative Officer, JSS Medical College were present on this occasion. Dr.Deepa Bhat, Professor, Department of Anatomy proposed the vote of thanks. Poster presentation competition, Best

Dissertation Award Competition and Best Publication Competition were organized as a part of Research Fair. Eminent faculty members from different colleges across the state judged the posters and dissertation presentations. A total of 136 final year postgraduates presented the posters and eight out of them received best poster awards. Out of 67 postgraduates who had applied for the best dissertation competition, 12 have got selected for the final round of presentations and among them one received the first prize and runner up prize for the best dissertation.

GUEST LECTURES

Ascension Chapter 1: Featuring Dr Shreyans R Darla of the MBBS Batch of 2016

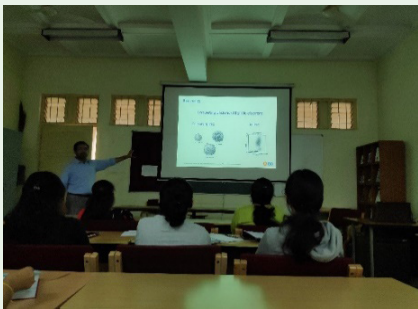
Department of Anatomy and student council, JSS Medical College has conducted Ascension chapter -1 on 19th October 2022. Ascension is an initiative under the aegis of the Student Council of JSS Medical College aimed at providing a platform for students to explore their options after MBBS and to provide guidance as to how one must start their journey into their post-graduation.



Ascension will encompass chapters featuring JSSMC alumni who have already made considerable progress in their journey as well as other resource persons to aid you in your decision-making process.

Featuring Dr Shreyans R Darla of the MBBS Batch of 2016 who recently passed PLAB 2 and is set to pursue his residency in the UK. Chapter 1 of Ascension has explored the road to the UK, the challenges one can expect and strategies that one must adopt to get it right.

Guest Lectures conducted by Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC)

Date	Topic	Details
15.07.2022	Good Laboratory Practice (GLP) & Cell Culture Workflow by Mr. Babu Padmanabhan, Head, Director - Business Development, Eppendorf India Pvt Ltd	
28.07.2022	QIAcuity Qiagen Digital PCR by Mr. Hemanth Meddidhi, Sales Application Specialist QIAGEN India Pvt. Ltd	
04.08.2022 05.08.2022	to Post Installation Training Program for Flow Cytometer (BD FACS Lyric) by Dr. Amalan Kanti Ghosh Senior Application Scientist, Becton Dickinson India Pvt Ltd	
15.09.2022	Bacterial Tools for Gene-therapy of Tumors by Dr.Dhan V. Kalvakolanu, Greenebaum comprehensive cancer center, Department of Microbiology & Immunology, University of Maryland School of Medicine, Baltimore, MD, USA	
15.12.2022	QI Acuity Qiagen Digital PCR by Mr. Hemanth Meddidhi, Sales Application Specialist QIAGEN India Pvt. Ltd	
11.01.2023 12.01.2023	and “Introduction to Digital PCR” by Dr.Senthilnathan Senguttuvan, Manager-Applications, Qiagen India Pvt. Ltd.	
13.01.2023	The Iron Tug-of-War between bacterial siderophores and innate immunity by Dr. Matam Vijay-Kumar, Professor and Director, The University of Toledo College of Medicine & Life Sciences, Toledo	

07.02.2023	“Introduction to Confocal Microscopy” by Mr. Sujoy Dey-Application Specialist, Leica Microsystems. Ltd	
24.03.2023	A Complete Solution for Automated Imaging and High Content Screening - ImageXpress Confocal HT.ai System” by Dr.Niti Jetly -Application Specialist, Molecular Devices	
13.05.2023	BLOOD CELLS AND REDOX SYSTEM: KEY PLAYERS IN REGULATING HUMAN DISEASES by Dr.K.Girish, Professor, Department of Studies and Research in Biochemistry, Tumkur University	
15.05.2023	Advancing your single-cell omics research: VIA Extractor™* tissue disaggregator for Omics applications by Dr.Manjunath Siddaramaiah, Diagnostic design Application Scientist – Asia Pacific. Cytiva	
22.05.2023	Echis carinatus venom-induced sustained tissue destruction, understanding the mechanism by Dr.K.Kemparaju, Professor, Dept. of Studies in Biochemistry, University of Mysore	

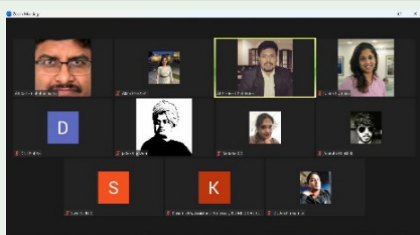
Guest Lectures by Special Interest Group on Human Genomics & Rare Disorders (SIG-HGRD)

Date	Topic	Details
12.01.2023	Eppendorf Pipette Calibration (EPiC) program by Mr.Sunil Kumar S., Manager-Speciality Services Eppendorf India Private Limited and Mr.Bharath Kumar, Sr Eppendorf Territory manager for pipettes and consumables	
21.06.2023	Cancer Biomarker and Therapeutic Target Discovery using UALCAN Platform by Dr Sooryanarayana Varambally, Professor, Department of Pathology, University of Alabama at Birmingham	

Guest Lectures conducted by the Departments.

Date	Department	Topic and Details
27.12.2022	OBG	Hypothyroidism in Pregnancy by Dr. Ajay Hanumanthu, Assistant Professor, consultant Endocrinologist, Dept of Endocrinology, JSS Medical College.
11.07.2022	Paediatrics	Utility of Genetics in Clinical Practice by Dr.Siddramappa Jagdish Patil, Senior Consultant in Clinical Genetics at Mazumdar Shaw Medical Centre / Narayana Hrudayalaya Hospitals, Bangalore
12.07.2022		"Early warning signs in Neonatal care" by Dr.Sandesh Shivananda, Consultant Neonatologist, Vancouver, Canada
24.09.2022	Orthopaedics	Osteoporosis and its Management by Dr.Subramaniam, Professor of Rheumatology, JSS Medical College, Mysuru
09.02.2023		Clinical Discussion & presentation of Hand and Micro-vascular Surgery by Dr.Girish Gupta, Consultant Hand and Microvascular Surgeon, Narayana Hospital,
20.10.2022		Modifications necessary in Antibiotic Perception practices by Dr.Sumana M.N, Professor of Microbiology, JSS Medical College
08.11.2022		Robotics in Arthroplasty by Dr.Srivatsa Boraiah, Consultant Orthopaedic Surgeon, USA
02.05.2023		How to manage worklife balance & future in anaesthesia after postgraduation by Dr.Balavenkat, Ganga Hospital, Coimbatore
07.09.2022		Challenges in Interventional in Nephrology Dr.Brinda Desiraju
28.02.2023	Anatomy	"Surgical anatomy of Pelvi-acetabular fractures and hip joint" by Dr.Aakash Mugalur [MBBS, MS Orthopedics (Mumbai), DNB Orthopedics, MRCS(UK), MNAMS, Fellow in Joint Replacement Surgery and Arthroscopy, Fellow in Pelvi-acetabular surgery (IOA-AOPAS, AOPAS)], consultant orthopaedic surgeon, Bhanavi Hospital, Mysuru.
13.06.2023	Physiology	"Meditation" by Yoga Guru Dr. K Raghavendra Pai- Secretary of Sri Veda Vyasa Yoga Pratishthana, Mysuru



26.06.2023	Biochemistry	Introduction to Tosoh HPLC G8 and G11 analyzers by Mr.Abhishek from Tosoh	
24.02.2023	Pharmacology	Management of Medication Error by Dr.Anant Khot, Associate Professor at AIIMS, Nagpur	
21.06.2023		PHARMACOKINETICS by Dr.Manjunatha.C.H, Professor, Dept.of Pharmacology Pondicherry Institute of Medical Sciences, Puducherry	
24.03.2023	Pathology	introductory lecture on hematology analysers was delivered by Mr.Amal George- Regional sales manager, Abbott Company	
13.04.2023		Slide Seminar on decahead microscope and screen by Dr. Ramadas Nayak	
18.06.2023		Slide Seminar on oesophageal biopsies, tuberculosis, mal-absorption syndromes and inflammatory bowel disease by Dr.Anna Pulimood, former principal of CMC Vellore and renowned gastrointestinal pathologist	

08.05.2023	Forensic Medicine and Toxicology	“Application of Forensic Odontology in Crimes” by Dr.Iekram Alli	
15.05.2023	Dermatology	Management of Vascular lesions in Dermatology by Dr.A. Selvam	
28.02.2023	Psychiatry	Paradigm shift in autism spectrum disorders- Focus on recent advances in diagnosis & management by Dr.Suhas Chandran, Asst. Professor, Child & Adolescent Psychiatry, St. John Medical College, Bangalore	
07.02.2023	Psychiatry and Clinical Psychology	Indigenous Health System Perspective on childcare practices by Prof Malavika Kapur, Honorary Professor at the National Institute of Advanced Studies,	
15.05.2023	Microbiology	BD Bactec FX product and Sepsis by Dr Arun Kaushik MBBS, MD, DNB (Microbiology) , Medical Affairs Manager – South	

JSS Skill & Simulation Centre Activities

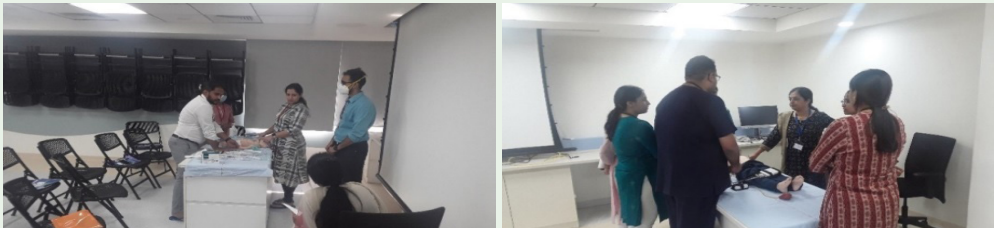
Date	Details of activity
15.07.2022	ECG WORKSHOP (In association with Raymedi International affiliated to IBMS) Thirteen participants who are aspiring UG students had registered for the workshop which had interactive lecture sessions followed by case-based scenarios and skill stations with hands on experience.
22.07.2022 (Consultancy)	ESSENTIAL NURSING CRITICAL CARE (ENCC) (In association with Raymedi International affiliated to IBMS) 48 participants who are aspiring Nursing students across nursing colleges of Karnataka had registered for the workshop which had interactive lecture sessions followed by case-based scenarios and skill stations with hands on experience.

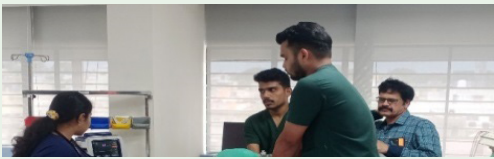
09.07.2022 to 12.07.2022	SIM MAN 3G AND EDUCATION SOFTWARE TRAINING- For Newly Joined Faculties of JSS Medical College from Department of General-Medicine, Anaesthesiology and Emergency Medicine. 
29.07.2022	NEONATAL RESUSCITATION WORKSHOP FOR NURSING STAFF  52 participants attended the course.
25-7- 2022 To 28-7-2022 (Consultancy)	BLS TRAINING FOR JSS SCHOOL OF NURSING STUDENTS 80 participants attended the course. 
16.07.2022 & 10.08.2022 (Consultancy)	PHLEBOTOMY TRAINING – for participants as a part of India Alliance Wellcome Trust project , funded to JSSMC with IPH and IIPH Bangalore 10 participants attended the training 

11-08-2022 To 17-08-2022 (Consultancy)	BLS TRAINING FOR JSS COLLEGE OF PHYSIOTHERAPY STUDENTS 75 participants attended the course. 
18-08-2022 To 22-08-2022 (Consultancy)	BLS TRAINING FOR JSS AYURVEDA MEDICAL COLLEGE INTERNS 88 participants attended the course. 
26.08.2022. (Consultancy)	ACIC MECHANICAL VENTILATION WORKSHOP (In association with Raymedi International affiliated to IBMS) 28 participants who are aspiring PG students of various medical colleges across Karnataka had registered for the workshop which had interactive lecture sessions, followed by case-based scenarios and skill stations with hands on experience 
02.09.2022 (Consultancy)	ESSENTIAL NURSING CRITICAL CARE WORKSHOP (In association with Raymedi International affiliated to IBMS) 36 participants who are nursing staff of various private hospitals across Karnataka had attended the workshop. 

05-09-2022 To 11-10-2022 (7 batches)	BLS & ACLS TRAINING FOR MEDICAL INTERNS BLS & ACLS Training for Interns 2017-18 batch was conducted in the month of September -October 2022. 171 students attended the course. 
8-11-2022 To 16-11-2022 (Consultancy)	BLS TRAINING FOR JSS COLLEGE OF NURSING STUDENTS BLS Training for JSS college of nursing students was conducted in the month of November. 117 students attended the course. 
12-12-2022 to 14-12-2022	BLS & ACLS TRAINING FOR B.SC. TECHNICIANS 2018-19 BATCH BLS & ACLS Training for B.Sc., Technicians 2018-19 batch students was conducted in the month of December. 23 students attended the course. 
18th to 21st Oct 2022	UG MEDICAL CONFERENCE ACLEPIUS 2022 SURGICAL AND BLS WORKSHOP As a part of JSS Medical college national undergraduate medical conference 2022, Surgical suturing, I V line, ryles tube ,catheterization workshop was held on 18th October 2022. 80 participants attended the workshop. AHA BLS training workshop was done on 19th and 20th October. 29 members attended the workshop. 

15.10.2022 (Consultancy)	BASIC NRP WORKSHOP FOR OBSTETRICIANS IN MYSORE Department of Paediatrics in association with Mysore city OBG association conducted one day workshop on basic NRP. 41 participants attended the course. 
04.11.2022 to 05.11.2022 (Consultancy)	ADVANCED LIFE SUPPORT IN OBSTETRICS COURSE ALSO, OBG workshop was conducted in association with Laerdal medical India. Eight consultant obstetricians of JSS Medical college underwent certification program. 
29.11.2022 (Consultancy)	BLS Training for MPT students BLS Training for Master of physiotherapy students was conducted. 18 students attended the workshop
1-12-2022 to 7-12-2022 (Consultancy)	BLS AND ACLS FOR PHARMACY STUDENTS BLS and ACLS classes for pharmacy students was conducted. 38 students attended the course.
06.01.2023	Advanced Neonatal resuscitation workshop conducted by JSS Medical college Pediatric department in association with Indian academy of pediatrics. 41 participants from various medical colleges attended the course 

07.02.2023	BLS for PALS candidates 22 participants from various medical colleges attended the course 
09.02.2023 to 15.02.2023 (2 batches)	BLS & ACLS TRAINING FOR MEDICAL INTERNS BLS & ACLS Training for Interns 2017-18 odd batch was conducted in the month of February 2023. 34 students attended the course. 
27.02.2023 to 28.02.2023	IAP – PALS COURSE Indian academy of Pediatrics accredited advanced life support course was conducted by JSS Medical College Pediatric department. 34 participants from various medical colleges attended the course. 
06.03.2023 to 07.03.2023	National level - Faculty development Programme on “Implementation of skill & simulation training NMC and beyond” conducted by Laerdal Medical India & JSS AHER skill & simulation center. JSSAHER Skill and simulation center had organised a two day Faculty development workshop on - Implementation of skill and simulation training NMC and beyond, on March 6th and 7th 2023. Forty registered participants represented various medical colleges from Delhi,kerala, Tamilnadu, Andra Pradesh and Karnataka. It was a Multidisciplinary workshop with emphasis on skill based training and simulation based learning. OSCE as a method of evaluation was highlighted by conducting hands on OSCE stations. Simulation scenarios were designed by the participants and Debriefing methods were discussed. External resource faculties were from pondicherry and Bangalore representing pan Asian simulation society and Pedistars. 

09.03.2023 to 06.04.2023	BLS & ACLS Training for Medical Postgraduates & Super speciality students. BLS & ACLS Training for Postgraduates 2022-2023 batch & Super speciality 2022-2023 batch was conducted in the month of March & April 2023. 145 post graduates of all the departments & 9 super speciality PG'S attended the course.  
03.04.2023 to 06.04.2023	Essential clinical skills workshop conducted at JSSAHER skill & simulation center for Medical interns 2018-19 batch. Two days workshop on essential clinical skills in two batches was conducted at JSSAHER skill & simulation centre from 03.04.2023 to 6.04.2023. 154 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.  
26.04.2023	Workshop on simulation-based training on cardiac emergencies – A hands on approach JSS college of Nursing conducted workshop on simulation-based training on cardiac emergencies – A hands on approach at JSS AHER skill & simulation center. 44 participants from various Nursing colleges attended the workshop.
19.06.2023	Emergency Medicine Department Post Graduate exam – practical OSCE & VIVA was conducted on 19.06.2023.  

Academic / Industrial experts / Adjunct faculty visits

(a) ESTEEMED VISITORS TO JSSAHER SKILL & SIMULATION CENTER



KINILL KRINKAN AND TEAM SPB ETU RUSSIA



DR. VIVEK SAOJI AND DR. S. RANGA SWAMY, EMINENT EXPERTS



DR. UMESH NAGALOTIMATH



DR. ANUPAM PODDU



DR.T.S. RAO AND PROF.BEJOANKUMAR MISHARA



DR. SHIMPA SHARMA, IQAC TEAM



TEAM SRI DEVI MEDICAL COLLEGE , TUMKURU



DR. BALA BASKARAN AND TEAM FROM, VIMS, BELLARY



Dr. NADHEER GUPTA -TECHNICAL OFFICER PHARAM-CEUTICALS, WHO NEWDELHI(14.02.2023)



DR. MUKESH KUMAR -FORMER HEAD IHCHRD (21.03.2023)



DR. V BALA MURUGAN – PRINCIPAL SCIENTIST , ICAR-NIVEDI (03.05.2023)



PARLIAMENTARY DELEGATION LED BY HON.MICHELLE ROBERTS , SPEAKER OF WEST AUSTRALIAN PARLIAMENT(02.06.2023)



DR. SHASHI BALA SINGH-DIRECTOR NIPER, HYDERABAD(15.03.2023)



DR. ATUL KOTWAL – EXECUTIVE DIRECTOR NHS-RC(01.06.2023)

(B) ACADEMIC EXPERTS VISIT



Biochemistry

Prof. Dhavendra Kumar, Honorary senior research fellow, Institute of Medical Genetics, Cardiff University, University School of Medicine, UK. Delivered speech/chaired session on various topics during 5th International Conference on Birth Defects held from 21st to 23rd November 2022 at Sri Rajendra Auditorium, JSS Medical College, Mysuru.



School of Public Health

Dr. Birke Aenne Martha Ahlfeld, a Medical Doctor from Germany, working as a medical Officer and a Master student shared his perception on Global Health for 1st Semester MPH students on 15th Nov.2022.

Orthopaedics



Dr. Srivatsa Boraiah, Consultant Orthopaedic Surgeon, USA shared his experience on Robotics in Arthroplasty to the faculty of department of Orthopaedics on 8th November 2022 in the Orthopaedic Seminar Hall, JSS Hospital, Mysuru

Radio-Diagnosis



Dr. Debjyoti Banerjee, Enmed, Texas A&M University (TAMU) visited, JSS Medical College & Hospital to explore the opportunities on collaboration with regard to joint workshop, Students exchange and research activities between JSS AHER and TAMU from 24th to 27th November 2022.

Forensic Medicine



Dr. Jayesh Joseph, Criminologist, Kerala State, Kerala Police Academy and Dr. Shivaprasad, Forensic Scientist visited the Dept of Forensic Medicine for interaction with B.Sc Forensic Science students to share knowledge and scope of Forensic Medicine in Crime investigation on 24.06.2022.

Mr. Pavan Mahikar, Scientific Officer, Karnataka State Forensic Science Laboratory, Bangalore was invited for interactive session with the students of B.Sc. Forensic Science, on 4th July 2022. He spoke about careers in Forensic Science Laboratories and the nature of expertise needed. The Question answer session was well addressed.

Academic Visit: Students of JSS Law College on 19/07/2022



Academic visit : Students of JSS LAW college on 19/07/2022

50 Students of B.A.L.L.B and B.B.A.L.L.B, JSS Law College (Autonomous) Mysuru paid a visit to the Department of Forensic Medicine and Toxicology on 19th July 2022. The purpose of the visit was to have first hand account of evidence handling in Medico Legal cases. They attended a medicolegal autopsy and learnt the modes of collection of samples in cases of medicolegal significance. In addition to this, they were given a tour of the facility, which included the Moot

Court Hall, Photographic Museum, wet Specimen Museum and the Forensic Science laboratory. They were escorted by Mr. Pranav Nair, Assistant Professor, Ms. Sneha Jagdish and Mr. Pramod Kumar, Faculty.

Academic Visit: Students of Govt. First Grade College, Krishnarajanagar on 28/07/2022



63 Students of B.A. Criminology and Forensic Science from Govt. First Grade College, Krishnarajanagar visited the Dept. of Forensic Medicine and Toxicology on 28.07.2022. They were briefed on the role of the department, services offered to the Police Department. They visited the facilities such as moot Court, Photographic Museum, Wet Specimen Museum and the Mortuary. They were accompanied by Mrs. Supritha C, Assistant Professor.

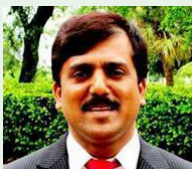
GUEST LECTURES BY JSSMC FACULTY

 Dr.H.Basavana Gowdappa Principal	- Delivered guest lecture at 39th KAPICON 2022 Annual conference of Association of Physicians of India Karnataka Chapter , Hassan - Resource person at Workshop 2nd SZ & SMZ APICON & 6th TSAPICON X organized by API Telangana State chapter and API Warangal Chapter Speaker: Topic: How the clinical science was killed in the recent pandemic? , Kakatiya Medical College, Warangal, Telangana - Delivered guest lecture at 18th Annual conference Research Society for the study of Diabetes in India – Karnataka Chapter (KRSSDI) on Speaker Topic: Making Smart Treatment choices for elderly T2DM
 Dr.Y.S.Ravi Kumar Prof & Head, General Medicine	Resource person for RYZODEG™ SMART Circle - Orientation Session On Insulins - “Insulins and devises” – Topics: 1. Targeting TOTAL control: Choosing the right insulin at initiation 2. Case discussion: Insulin initiation in a person with t2DM uncontrolled on OADs Question and Answer - Resource person for topic: translating clinical evidence to practice with oral semaglutide - Delivered guest lecture on TOPIC: Stroke prevention in AF in the real world: Strategies to integrate appropriate use of anticoagulants EXPERT KNOWLEDGE GROUP MEETING at JSS, Mysore - Practical class on insulin for JSS Hospital Nurses - Symposium on “ Hyperglycemia in Pregnancy on organized by Department of General Medicine, Department of OBG, JSSMC & H, API Mysore Chapter on Prevalence and Pathophysiology of Gestational Diabetes - Delivered guest lecture on 18th Annual conference Research Society for the study of Diabetes in India – Karnataka Chapter (KRSSDI) on Topic: Adult Immunization & Diabetes
 Dr.B.J.Subhash Chandra Professor, General Medicine	Resource person at RYZODEG™ SMART Circle conducted guest lecture on Topic: Insulin initiation in a person with T2DM uncontrolled on OADs: A SMART solution in tune with Indian reality
 Dr.K.M.Srinath Professor, General Medicine	- Resource person at Virtual : Safe & Smart e Focus group Meet - Delivered guest lecture at 39th KAPICON 2022 Annual conference of Association of Physicians of India Karnataka Chapter , Topic: Sub clinical hypothyroidism - treat or not to treat at Hassan - Guest speaker at Premix Insulin workshop on topic: The Premix Insulin a right approach in treating Indian Diabetes Patients - Live Facebook talk on Topic: Prediabetes and its challengers - Resource person for World Diabetes Day 2022 Symposium on Hyperglycemia in Pregnancy organized by Department of General Medicine, Department of OBG, JSSMC & H, API Mysore Chapter Speaker: Prevention of GDM – does pre-pregnancy life style intervention help? - Speaker at 18th Annual conference Research Society for the study of Diabetes in India – Karnataka Chapter (KRSSDI) on topic : Effect of Vitamin D on cytokine profiling in diabetic and diabetic Nephropathy

 Dr.K.C.Shashidhara Professor, General Medicine	Delivered guest lecture at 39th KAPICON 2022 Annual conference of Association of Physicians of India Karnataka Chapter on topic : Dengue fever atypical complications , Hassan
 Dr.Sheshagiri V Asso. Prof, Orthopedics	- Guest lecture on Case Based Discussion in Applied Ilizarov Methodology - Guest lecture on Proximal Tibial Fractures long segment comminutius and huge skin loss and treated with Ilizarov difficulty turned to opportunities at Bangladesh
 Dr.Mruthyunjaya Professor, Orthopedics	- Invited On the occasion of World Osteoporosis day celebration as chief guest and delivered speech on Osteoporosis - Delivered guest lecture at an International conference on Disorders of Forearm Axis
 Dr.Jayashree Ramesh Associate Prof & Head, Physical Med & Rehabilitation	- Delivered guest lecture on Elderly Awareness, Healthy Ageing & Rejuvenation at JSS hospital, Mysuru - Delivered guest lecture at 7th Annual International Conference – BGCI 2022 Board of Genetic Counselling, India
 Dr. Sudha Kiran Das, Professor, Radiodiagnosis	- Delivered guest lecture on Imaging of parotid tumors at GSK AOI ASCENT 5 - Delivered guest lecture on Imaging of Hila and Imaging of large airway disease
 Dr Gurudatt C L Professor, Anaesthesiology	- Delivered guest lecture on ‘Patient with terminal hepatic failure for liver transplant’ - Delivered guest lecture on “Perioperative care of the patient with previous stroke” at Kerala - Delivered guest lecture on “The other gases in anaesthesia- carbon dioxide , xenon & helium” at Kalburgi - Resource faculty at ANAESTHESIA & CRITICAL CARE CME 2022 held at Tumkuru - Resource faculty at ISACON AP 2022 - Delivered guest lecture on Obstetric Anaesthesia, Analgesia and Critical Care(MARC 2022) at Kerala - Delivered guest lecture on COAG PATH-National CME - Delivered guest lecture at Cardiac Anaesthesia CME & Workshop under the Indian College of Anaesthesiologists at Bangalore

 Dr Manjula B P Professor, Anaesthesiology	- Delivered guest lecture on “Care of parturient with sepsis” at Kalburgi - Delivered guest lecture at SAARC 2022, Kochi
 Dr. Pratibha Matche Asso. Professor, Anaesthesiology	- Guest lecture on Chronic pain at Bangalore - Resource faculty for EPIONE-Hands on cadaveric workshop - Delivered guest lecture on “Cancer pain management” at Bangalore state conference - Resource person at INS IM 2022 - Delivered guest lecture on Pain medicine as a career option at JSSMC, Mysuru
 Dr Ashwini PK Asso. Professor, Dermatology	- Delivered guest lecture on “Pathogenesis of Scleroderma” at CUTICON, JNMC, Belgavi - Delivered guest lecture on “Immunology of Leprosy” at International Leprosy Congress, Hyderabad - Delivered guest lecture on “Approach to STI and Clinical Skills” at Dermabasics, SSMC, Davangere - Delivered guest lecture on “Cutaneous Manifestations of Diabetes” at API Mysuru - Delivered guest lecture on Mucocutaneous Manifestations of HIV and their relation to TLC at ASTI, Hyderabad - Talk on Needles and Instruments at ACSI, Wayanad, Kerala
 Dr Ranugha PSS Asst Professor, Dermatology	- Delivered guest lecture on ‘Platter of cocktail in the treatment of melasma- making the right choice’ - Delivered guest lecture on Urticaria mimics in RESIMED KN DERM session on 11 th June 2022 - Delivered guest lecture on Urticaria mimics at RESIMED KN DERM session
 Dr.T.S.S.Rao, Professor, Psychiatry	- Delivered guest lecture on “Forbidden Fruits in Golden Years- A Peep into Elderly Sexuality” at Siliguri, West Bengal - Delivered guest lecture on CPG for assessment and management of psychiatric emergencies in victims of sexual offence” - Delivered guest lecture on Erectile Dysfunction Beyond PDE5 Inhibitors - Delivered guest lecture on Confusion to Consensus – An Initiative from Sexual Medicine Committee FOGSI Interesting case discussion mix bag - Delivered guest lecture on Understanding Men and Women, AMOGS Aesthetics & Sexual Medicine Online Zoom Meeting - Delivered guest lecture 32nd Annual National Conference of Indian Psychiatric Society – Karnataka Chapter (KANCIPS 2022) at Kunadapura

	- Delivered guest lecture on Reviva Investigative Study meeting at Dubai - Delivered guest lecture on Management of Common Sexual Problems"19th Annual Conference of Indian Association of Industrial Psychiatry of India – ANCAIPI- 2022 at Kota,Rajasthan - Delivered guest lecture at "Association of Physician of India (API) @ Hotel Southern Stat, Mysore Topic: Management of Common Sexual Problems –Past, Present and Future"
 Dr.Shivanand Manohar.J, Asst Prof Psychiatry	- Delivered guest lecture at Police academy during the valedictory function for training of DYSP, SI & PSI - Delivered guest lecture on "Early Identification and prevention of suicide word Suicide Prevention day" at JSS college of Nursing, Mysuru
 Dr.Megha Sadashiv Senior Resident, Psychiatry	- Delivered guest lecture at Workforce Education Training & Skill Development Programme by JSS Dental college,Mysuru - Delivered guest lecture on Mental Health issues in elderly at Vayomanasa Sanjeevani
 Dr Manjappa M Associate Prof, Cardiology	- Delivered guest lecture at 7th Annual International Conference BGCI India: 2022 - Delivered guest lecture on "Optimizing stroke prevention in AF management: Translating the evidence into clinical practice" - Delivered guest lecture on The right GDMT for HFrEF management: Need of the hour - Delivered guest lecture on The Heart Failure Cascade and the Role of Mineralocorticoid Receptor Antagonists - Delivered guest lecture on Cardiovascular diseases and Diabetes: Role of SGLT2i at Offline Southern Star Hotel, mysore - Delivered guest lecture on Management of NVAf in the presence of Renal Impairment - Delivered guest lecture on SGLT2i in T2DM with Multiple CV Risk Factors: Improved outcomes with DAPAGLIFLOZIN at Heart Diabetes Conclave - Delivered guest lecture on The place of DPP4i in the management of combined T2DM and HF - Delivered guest lecture on Putting evidence to practice: Ticagrelor in Medical Management of Indian ACS patients - Delivered guest lecture on Oral Semaglutide: Will it change Diabetes management? At Thiruvananthapuram Kerala - Resource person for Cardiorenal protection in T2DM-Combining the best of two worlds: Panel discussion - Delivered guest lecture on CARDIOVASCULAR BENEFIT WITH TIGHT BP CONTROL: ARE WE THERE YET? - Delivered guest lecture on ROLE OF SGLT2 INHIBITORS IN HEART FAILURE - Delivered guest lecture on New Insights on BB and ARB usage: Panel discussion

 Dr. Deepa Bhat Professor of Anatomy	- Delivered guest lecture at National conference on “Genetic Testing and Counselling in Infertility” at JSSMC Mysuru - Delivered guest lecture On occasion of 200th birth anniversary of Gregor Mendel-“Genetic counseling – the key tone bridging genomic researches with clinicians” at University of Mysuru, Department of studies in Genetics & Genomics - Delivered guest lecture at Online webinar and panel discussion on “Sickle Cell Disease- VOICE” panelist in the session on “Developing healthcare ecosystem for SCD” by Novartis - Delivered guest lecture on Genetic Diseases an overview- treatable lysosomal storage disorders at regional conference in Cheluvamba hospital ,Mysuru - Delivered guest lecture at National conference on “Role of Genetic Counselor in translational rare genetic disease research” at IABS South conference-2022 held at University of Mysore – Department of Studies in Genetics and Genomics - Delivered guest lecture on “Genetic counselling” at Command Hospital Airforce, Bangalore - Delivered guest lecture at National conference on Avoiding future pregnancies with EM sponsored by MERD India Foundation, IEM Charitable Trust & ORDi India at JSSMC,Mysuru - Delivered guest lecture at state conference on Genetic Counseling in Bleeding Disorders at Maya Kings Court Hotel - Participated in Training workshop for all the sickle cell officers of the state “ Diagnosis and management of sickle cell disease” at MMCRI,Mysuru
 Dr. Akila Prashant Prof and HOD, Biochemistry	- Delivered guest lecture at 29th Annual Conference AMBICON 2022 - Delivered guest lecture on Think, Articulate and Pen-down: Tips for successful grant writing at HIMS, Hassan - Delivered guest lecture “medical research” at department of pathology JSSMC, Mysuru
 Dr. Prasanna Kumar S Asso. Prof, Biochemistry	- Delivered guest lecture on Nurturing Innovative Technological Trends in Engineering BIO science(NITTE-BIO 2022) at NMAM Institute of Technology, Nitte - Delivered guest lecture at INCD2022 , Delhi
 Dr Venu D Asst Prof, Pharmacology	- Delivered guest lecture on “Elderly Awareness Healthy Ageing Rejuvenation” at JSS Hospital, Mysuru - Delivered guest lecture on “Advances in Insulin delivery” at Father muller medical college, Mangalore
 Dr Praveen Kulkarni Professor, Com Medicine	- Delivered guest lecture at MY NUTRICON-2022 at JSSMC, Mysuru - Delivered guest lecture at SIMULCON-2022: on Qualitative Research - Delivered Awareness talk on World AIDS day - Delivered guest lecture on “Workforce education, training and skill development programme” at JSS Dental College

 Dr Smitha M C Asso. Prof Com Medicine	- Delivered guest lecture on Impact of Globalization and Introduction to Global Health at SVYM, Mysuru - Delivered Awareness talk on Menstrual Hygiene at JSS College of Pharmacy, Ooty - Resource person for Post Graduate orientation program at JSS Dental college, Mysuru
 Dr. Smitha Rani, Asso. Prof, Forensic Medicine	- Delivered guest lecture on Medicolegal Autopsy at St.Philomena's College, Mysuru - Delivered guest lecture on Capacity building workshop on drug prevention at Karnataka Police Academy Mysuru - Delivered guest lecture on Drug abuse prevention nature problems at Karnataka Police Academy Mysuru - Delivered guest lecture on "Medico Legal Aspects in Nursing Practice" at JSS college of nursing , Mysuru
 Dr. G B Aravind, Asso. Prof, Forensic Medicine	- Delivered guest lecture on Crime scene documentation at Department of Forensic Medicine & Toxicology JSSMC , Mysuru - Delivered guest lecture on Crime Prevention Broken Windows Hot Dpota and Environmental Design at Karnataka Police Academy Mysuru - Delivered guest lecture on Awareness of cyber crime and security at Vidyaavardhaka college of Engineering, Mysuru
Dr.Harish.S, Prof and Head, Dept of General Surgery delivered talk on Live Operative workshop "Laparoscopic Hernia Repair (TEP) at Vijnana Bhavana, Manasagangotri, Mysore	
Dr.Preethi.S.P. Asso. Prof. Dept of General Surgery delivered talk on Energy Sources in Surgery at Vijnana Bhavana, Manasagangotri, Mysore	
Dr.Madhu.C.P. Prof. of General Surgery was Chair Person for clinical case discussion at Vijnana Bhavana, Manasagangotri, Mysore	
Dr. Sharath Chandra B J, Prof. of General Surgery was Chair Person for clinical case discussion at Vijnana Bhavana, Manasagangotri, Mysore	
Dr Arun Gopi, Lecturer of Biostatistics Delivered guest lecture on Research Methods workshop at School of Public Health, JSS AHER	
Dr. B Vijaya, Prof of Pathology, Delivered guest lecture on "19th Dr. KSS APPA National Symposium in Cardiology & 43rd Annual CME in Internal Medical" at API Bhavana, Bengaluru	
Dr. Vani K, Asso. Prof of Pathology, Delivered guest lecture on "Laboratory work up of bleeding disorders" at Sri Rajendra centenary Auditorium, JSS Hospital, Mysuru	
Dr. Pallavi P, Asso. Prof of Pathology. Delivered guest lecture at national conference on "Coag Path" at Sri Rajendra centenary Auditorium, JSS Hospital, Mysuru	
Dr. Rajalakshmi B R, Asst. Prof of Pathology, Delivered guest lecture on "CYTOMORPHOMETRY UNVEILING BLOOD EVALUATION" at Mumbai	
Dr. Rashmi P Mahale, Asso. Prof of Microbiology, Delivered guest lecture on World Antimicrobial awareness week at JSS Hospital	
Dr. Sujatha S R, Asst. Prof of Microbiology, Delivered guest lecture at International conference on "Diarrheal diseases and Vibrio cholera" by Florida university for infectious diseases fellows.	
Dr. Neetha S Murthy, Asst. Prof of Microbiology, Delivered guest lecture at International conference on "Chikungunya & Kyasanor forest disease" by Florida university for infectious diseases fellows.	
Dr Kavya G Upadhyaya, Senior Resident of Com Medicine, Delivered guest lecture on World population Day 2022 at JSS Ayurveda College and Hospital	
Dr Sunil Kumar D, Prof and Head of Com Medicine Delivered guest lecture on "Workforce education, training and skill development programme" at JSS Dental College	
Dr.Shyam Prasad Shetty, Prof of CTVS delivered Talk on Namma Arogya Karyakrama All India Radio Mysuru FM 100.6	

Dr. Srinivas H T, Asso Prof of Anesthesia, Delivered guest lecture on I PACK FOR TKR at ISACON 2022
Dr.Vidya CS, Prof and HOD of Anatomy, delivered Guest Lecture on Body Donation at Rotary club Somavarpete
Dr Rajesh Kumar T, Prof of Biochemistry, Delivered guest lecture at international conference on “Oxidative Stress Test” for Risk-Stratification of Type 2 Diabetic Patients from Vascular Complications
Dr. Divya P Kumar, Asst Prof of Biochemistry, Delivered guest lecture on Grant Proposal Writing at Hassan Institute of Medical Sciences, Hassan
Dr Prathima C, Asso. Prof of Pharmacology, Delivered guest lecture on “Ethics and consent in clinical research” at Dept of Community Medicine, JSS Medical College
Dr. Madhu Srinivasarangan, Asso Prof of EMD, Delivered guest lecture on Trauma induced coagulopathy at JSSH, Mysuru
Dr.Manjunath S Shetty, Prof and Head, Nephrology, Delivered guest lecture on Non steroidal mineralocorticoid Antagonist to improve outcomes and FIDELIO-DKD: Efficacy and outcomes
Dr.Sowrabha.R, Asst Prof of Nephrology, Delivered guest lecture on Challenges in Pediatric Nephrology
Dr.Kishore.M, Prof and Head, Psychiatry, Delivered guest lecture on Mental health issues of students at JSS Mahavidyapeetha
Dr Vinutha R, Asst Prof of Dermatology, Delivered guest lecture on “Biologicals in Paediatrics Age Group” at Paeds DERMACON
Dr.Siddalingamurthy G. Prof and Head of Orthopedics delivered Guest lecture at JSS Annual Anaesthesia CME on Chronic Pain Management Complex Regional Pain Syndrome
Dr.Bhanukumar.M, Professor, General Medicine, Delivered guest lecture at 39 th KAPICON 2022 Annual conference of Association of Physicians of India Karnataka Chapter , Hassan
Dr. Pushpalatha K, Prof of Anatomy, delivered Guest lecture on Dr. Pushpalatha K at Psychiatry department JSSMC
Dr. Vijaya Vageesh Y, Asso. Prof of Physiology, Delivered guest lecture on Student Scientific Convention -2022 “ Tips for Scientific Presentation” at state conference by Dental Education Unit JSS Academy of higher Education & Research, Mysuru
Dr. Archana S, Asst Prof of Anaesthesia, Delivered guest lecture on Optimization of skill & simulation centre SIMULCON at 4 th National simulation conference
Dr. Prashant Vishwanath, Prof of Biochemistry, Delivered guest lecture at 29 th Annual Conference AMBICON 2022
Dr. Rudresh Hiremath, Prof and Head of Radiodiagnosis Delivered guest lecture at 37 th Annual State Conference Karnataka State Chapter hosted by MS Ramaiah Medical College, Bangalore
Dr. Bharathi M.B, Prof and Head of ENTInvited speaker on AOITSCON -2022 7th Telangana State ENT Conference AOI Karimnagar Branch in association with AOI Telangana Branch
Dr.Vijay C, Asso. Prof of Orthopedics Delivered guest lecture in National conference on Interesting cases in knee arthroscopy surgeries at PES Institute of Medical Sciences and Research, Kuppam, Andhra Pradesh
Dr.Madhukesh R, Asst. Prof of Orthopedics Delivered guest lecture on Surgical Approaches to Upper Limb and Lower Limb – Training on Anatomical Specimens at M.S.Ramaiah Advanced Learning Centre

OUTREACH & EXTENSION ACTIVITIES

National Service Scheme (NSS) SCIENCE EXPO-2022 – 09-07-2022

Braving intermittent drizzle all through the day, over 10,000 school and college students and other Science enthusiasts from across the State took part in the Science Expo-2022 organised by **Mysore Science Foundation** (MSF) as part of its Decennial celebrations at Sadvidya Semi-residential PU College in Vijayanagar Second Stage, Mysuru on 09/07/2022. Science expo featured a variety of workshops, demonstrations, Aryabhata Mobile Planetarium 3D show, Mobile Science Lab, Nature Photo Expo, **Human anatomy and specimens**, Demonstration on Food adulteration detection, Nutrition status assessment, Science and Maths Models display, Robotics Models, Solar goggles, expo by Research students, HAM radio and 3D printing etc.

Former ISRO Chairman A.S. Kiran Kumar inaugurated the expo by offering floral tributes to the

portraits of top scientists and operating a remote-controlled drone. MSF President C. Krishnegowda, Treasurer M.G.N. Prasad, senior CFTRI Scientist Dr. T. Thippeswamy, ISRO Scientist C.D. Prasad, Sadvidya Educational Institutions Secretary M.S.K. Narahari Babu and others were present.

Gross human anatomy specimens (cardiovascular system, respiratory system, genitourinary tract, gastrointestinal tract) and **plastination specimens** from the Department of Anatomy, JSS Medical College, Mysuru were exhibited and explained to the students by NSS unit faculties and postgraduates. The programme was scheduled from 9:30am to 5:30pm.

The programme was coordinated by Dr. Ravishankar M V (NSS Programme Officer, JSS Medical College) and Dr. Manu G (Assistant NSS Programme Officer, JSS Medical College), who added to the success of the programme through their valuable inputs.

NSS HEALTH CAMP – 26-07-2022

SPOORTHY ladies wing of the builders' association of "**Builder's Association of India**" (BIA) has conducted a health check-up camp at Dattagalli, Mysuru. under the aegis of JSS Medical College,



Academy of Higher Education and Research, NSS wing, Mysuru on the 26th of July 2022, held from morning 11 AM-4 PM. The program was started with the initial remarks by the doctors, regarding basic awareness among the common people on the concepts of health, cleanliness, and security measures at the construction site. The health camp activity included general health checkups along with the distribution of free medicines for general complaints and minor health issues. Along with the physical examination the blood pressure was measured in all the participants, and blood sugar levels were checked by using a glucometer. More than 70 construction workers including males, females, and children took benefit from the camp.



TOBACCO, ALCOHOL, GHUTKA, ETC. AWARENESS PROGRAMME 27-12-2022

The NSS wing of JSS Medical College, Mysuru had organised the programme, about educating the slum population about "**Deaddiction awareness on Tobacco, Alcohol, Gutkha, etc**" held on 27th December 2022. The programmes took place under the jurisdiction of Urban Health Centre (UHC) Medhar Block, Bamboo bazar, Mysuru. The programme was organised with the support and cooperation from the faculty of department of Community Medicine, JSS Medical College, Mysuru. The NSS team was thoroughly guided by Dr Sunil Kumar D, (Professor and Head), and Dr Smitha (Assistant Professor) from the community medicine and the UHC health inspectors Mr. Sunil Y.S. and Santhosh H.P. of urban health centre, Medhar block, bamboo bazar, Mysuru. They have visited flats in 7 JNNURM apartments and other street residents coming under Medhar Block, Bamboo bazar, Mysuru. They made a house to house visit and covered about 150 houses in that region.



AIDS AND OTHER COMMUNICABLE DISEASE AWARENESS PROGRAMME

HELD ON 31ST DECEMBER 2022

The NSS wing of JSS Medical College, Mysuru had organised the programme, about educating the slum population about **“Awareness on AIDS and other communicable diseases”** held on 31st December 2022. The programme took place under the jurisdiction of Urban Health Centre (UHC) Medhar Block, Rajarajeshwari Nagar, Medhar Block, Bamboo bazar, Mysuru. The programme was organised with the support and cooperation from the faculty of department of Community Medicine, JSS Medical College, Mysuru. The NSS team was thoroughly guided by Dr Sunil D, (Professor and Head), and Dr Smitha (Assistant Professor) from the community medicine and the UHC health inspectors Mr. Sunil Y.S. and Santhosh H.P. of urban health centre, Medhar block, bamboo bazar, Mysuru.



YOGATHON : 2023 – 15-01-2023



Yogathon2023 is one of the largest yoga and health movement that aims to enable the youth to take charge of their health. It took place across 31 districts of Karnataka on 15th January 2023. This programme was conducted to initiate Yogathon Guinness World Record (GWR) attempt for the world’s largest yoga lesson plan.

The programme was held in the racecourse Mysuru. The event was started with the “Nada Geetha” at 7:30 AM, later inaugural speech given by the deputy commissioner followed by keynote address by district MLA Ramdas. Later actual YOGA session was started

and it was conducted for 45 minutes, where different asanas(postures)were practiced by more than 41 thousand participants. One hundred and twenty-eight (128) registered NSS student volunteers from JSS Medical College, and from the division of Allied Health Sciences (AHS), took part actively in the event. The event ended by offering a vote of thanks followed by the national anthem. The whole event was held successfully with the valuable support from the authorities of JSS Medical College, JSS AHER, and the administrators from the respective constituent colleges. The programme was coordinated by Dr. Anshu Kumar Yadav, Dept. of Biochemistry, and Dr. Srinath C.G, Dept. of Physiology along with the NSS program officer, Dr. M. V. Ravishankar, and assistant NSS programme officer. Manu G.

National Service Scheme, Government of Karnataka, Location: Mysore University, Mysuru

JSS Medical College , National Integration Camp 3rd to 9th February 2023

The National Integration Camp, under the **National Service Scheme** of the government of India, was hosted by the Government of Karnataka at the University of Mysore. Universities from all over India had students representing their universities at this camp. On behalf of **JSS Medical College, Sai Keerthana and Tavishi Sai** attended the camp, form first year MBBS (2022-23) students. National Integration, as the name implies, means to bring the people of the country together, particularly the youth of India. The main goal of this camp was to understand the beauty of the diversity of cultures in India while bringing everyone together as Indians. The camp was for a duration of seven days from **February 3rd, 2023 - February 9th, 2023**. Every day was saturated with activities to do starting from flag hoisting at 6 AM followed by fitness classes such as self-defense training, Zumba, and CrossFit. During the day there were special lectures given by erudite scholars on the topics of personality development by Sri R.A. Chethanram, secularism by Prof. Nataraj Huliyaar, Youth and Swami Vivekananda by Srimanth Swami Veershananda Saraswathi Maharaj, on malnutrition by Dr. Vijayakumar and many others. These lectures given on various topics were specially tailored to the youth to provide them with ideas on leadership, integration, and patriotism. The goal is to appreciate how the diverse cultures in India ultimately make us stronger as a nation.



NSS SPECIAL CAMP 20TH FEB 2023



NSS unit of JSS Medical College had organized an annual special camp from 20th to-26th of February 2023 at Someshwarapura Gram Panchayat limits, Varuna Hobli, T Narasipura Taluk, Mysuru district. Free health screening and treatment camp was organized as part of the NSS annual rural special health camp activities. Our esteemed chief guests and other guests were JSSMC A.O Mr. Satish Chandra, JSSMC Vice principal Dr. Praveen Kulkarni, JSS Dental College Principal Dr. Dakshayini, Dr. Anushree SM and Panchayat president Ms. Bhagya, Panchayat vice president Ms. Manjula, PDO Mr. Madappa were presided over the function.

NSS Special Health Camp – 20th to 26th Feb. 2023

NSS Unit of JSS Medical College, Mysuru conducted special health camp from February 20th - 26th – 2023 at Someshwarapura Gram Panchayat limits, Varuna Hobli, T Narasipura Taluk, Mysuru district under Someshwarapura Gram Panchayat jurisdiction. The camp was conducted in one village each day.

It was conducted under the supervision of NSS Programme officer Dr. M.V. Ravishankar, and Dr. Manu G. Assistant NSS Programme officer from JSS Medical College, Mysuru. Faculty members from the Dept. of biochemistry Mr. Jadesh, Mr. Venkatesah, and Mr. Ananth, coordinated the whole event.



The medical camp was conducted in Someshwarapura, Kambralli Matha, Basalli hundi, Kochana halli, Koodana halli, Makana Hundi.

A Team of doctors from department of general medicine, obstetrician & gynaecologist, and paediatrics and NSS volunteers among medical students from JSS medical college supported the entire camp. There were different counters for recording the blood pressure (BP), testing capillary blood glucose (Blood Sugar); and one pharmacy counter was set up to dispense free medicine for all the patients who were prescribed medication by the concerned doctors. About 963 patients benefitted from the services offered during the free medical health camp series; it mainly

included many children, women, and old-age population.

Blood sugar (CBG) was tested in 180 patients, and free drugs were distributed to 643 patients.

Voting Awareness Programme for Students – 05-05-2023



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 and AHER. The programme was held on 5th May 2023 between 2

PM-3 PM in Gallery 6, JSS Medical College, Mysuru. We have invited an eminent speaker, election process trainer, and master trainer of personality development, Mr.D.Parashivamurthy, Assistant Professor Govt. first-grade college for women, Mysuru, to deliver a guest lecture on the topic **“Nothing Like Voting, I Vote for Sure.”** The speaker explicitly stressed the importance of voting as a responsible citizen of the country. He also clarified myths about voting, and the process of voting and unbiased election process to form a democratic government.

MY LIFE AND MY CLEAN CITY – 01-06-2023

Mysuru City Corporation (MMC) took the initiative to clean Mysuru city and create awareness about the concept of a “Clean and Green City.” JSS Medical College, Mysuru, has been invited to take part



in this cleanliness program. The event was organized under the aegis of Mysuru City Corporation (MMC) with the supervision of corporation medical officer Dr. D.G. Nagaraj. The sole agenda of the event was “MY LIFE AND MY CLEAN CITY.” The cleanliness drive was carried out on 1st June 2023 with the sole intention of plogging the nondegradable waste materials like plastic, fibre, metal, wax-coated disposables, etc. Thirty-one (31) NSS student volunteers from 1st year MBBS graduate students actively and enthusiastically participated in the event. The plogging activity was performed in the streets around the JSS medical college campus and Cauvery Nagar. The collected waste material was loaded into the waste carriage

accompanying the participants. The program was coordinated by Ms. Tejaswini S.P. health inspector city corporation, Mysuru. The activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru. The program was supervised and coordinated by NSS program officers NSS unit, JSS Medical College, Mysuru.

WORLD BLOOD DONORS DAY 2023 – 09-06-2023

Every year, a new slogan/theme is associated with WBDD to encourage blood donors worldwide. **“Give Blood, Give Plasma, Share Life, Share Often”** is the slogan for WBDD for the year 2023. In this connection, the NSS Unit of JSS Medical College, Mysuru, jointly with Blood Bank, Department of Pathology JSS Hospital Mysuru organized the “World Blood Donors Day 2023” on 9th June 2023 in the Clinical Physiology Lab. The event was held from 10 am-3 pm. More than 129 student volunteers registered for the blood donation drive. They underwent initial screening for fitness; among them, 70 students were found eligible for blood donation event. The whole program was coordinated by Dr.M.V.Ravishankar (NSS Programme Officer, JSS Medical College) and Dr.Manu G. (Assistant NSS Programme Officer, JSS Medical College).



World Blood Donor Day 2023 – 14-06-2023

“World Blood Donor Day 2023” was organized by Blood Centre and Transfusion Medicine, Department of Pathology, JSS Medical College & Hospital, JSSAHER, Mysuru in association with JSS College of Nursing, on Wednesday the 14th of June 2023, 10.30 am at Sri Rajendra Centenary Auditorium, JSS Hospital, M G Road, Mysuru. Dr.Namratha R, Assistant Professor, Blood centre, Dept. of Pathology compered for the function and Dr.Vani K., Associate Professor, Dept. of Pathology invoked the blessings of the Almighty with a prayer. Dr.Pallavi P., Associate Professor and Chief Medical Officer JSS Blood Centre warmly welcomed the gathering and highlighted the importance of WBDD. The function was inaugurated by the Chief guest Dr. K V Rajendra, I.A.S, Deputy Commissioner and District Magistrate, Mysore. Dr.C.G.Betsurmth, Executive Secretary, JSS Mahavidhyapeetha presided over the function. Dr.G.V.Manjunath, Deputy Director (Diagnostics), JSS Hospital, Dr.Sheela Devi S., Professor and HOD, Pathology, Smt.Ashwathy Devi M.K., Principal ,JSS College of Nursing and Dr.Pallavi P., Blood Bank Officer, JSS Hospital were on the dais. A voluntary blood donation camp was organised and 90 donors participated in the camp.

INTERNATIONAL YOGA DAY (IYD) 2023 - 21-06-2023



This year, the theme for International Yoga Day 2023 was ‘Yoga for Vasudhaiva Kutumbakam,’ effectively encapsulating our collective aspiration for ‘One Earth, One Family, and One Future.’

In this connection with this, NSS unit, JSS Medical College, AHER, Mysuru conducted yoga session on 21st June 2023 in the auditorium between 6:45 am-7:30 am. Various types of “Yoga” postures, and pranayama technique was taught and demonstrated by yoga coach Ms. Jahnavi V Madhu, 4th semester M.Sc. and Ms. Monika D, 2nd semester. They were the students from the department of Yoga JSSAHER, Mysuru. The yoga session was involving the active participation of students and

faculty members of JSS Medical College, Mysuru. The activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru, Dr Vijaya Vageesh, Dept. of Physiology, and Mr. Srujan, Department of Yoga, AHER. The program was supervised and coordinated by NSS program officers, NSS unit, JSS Medical College, Mysuru.

Medical Exhibition conducted at Suttur Jathra - 2023 (From 18.01.2023 to 23.01.2023)



The Annual Jathra Mahotsava of Adi Jagadguru Sri Shivarathreeshwara Shivayogi Mahaswamigalu was held at Suttur Srikshetra for a duration of six days from January 18th to January 23rd, 2023. As a part of the Jathra Mahotsava, several programmes and exhibition were organized at JSS Suttur school grounds with a view to encourage and inculcate a scientific and educational temper amongst rural people.

The Medical exhibition was inaugurated on 18th January 2023 by Junior Jagadguru Jayarajendra Swamiji. Dr.C.G. Betsurmamath, Executive secretary (CEO), Dr.Basavana Gowdappa. H, Principal of JSS Medical College, Dr. Suma. M.N, Vice-Principal of JSS Medical College were also present during this occasion.

The theme of this year's exhibition was **"Nutrition is the best Medicine"**. Specifically, this theme was selected with an intention to educate the population across the life course on good nutrition, which is vital to an individual's health. A total of ten departments of JSS Medical College participated in the exhibition with great enthusiasm. The exhibition was open to the public between 9.00 am to 9.00 pm on all days.

Exhibition was arranged from various departments of JSS Medical College.



**Department of
Anatomy**



**Department of
Physiology**



**Department of
Biochemistry**



**Department of medical
genetics**



**Department of
pathology**



**Department of
pharmacology**



**Department of clinical
psychology**



**Department of
community medicine**

 Department of microbiology	 Department of forensic medicine	Overall, there was a great response from the visitors. Feedback obtained, reflected the appreciation for the efforts taken by every department of JSS Medical College in creating awareness among public which were innovative, creative and most importantly reachable to the audience. JSS Medical College exhibition received second prize for its efforts.
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Health Camps conducted

Sl No	Organization	Place	Date	No. of Patients Screened
1	NJS Charitable Trust, Mysuru	Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru	12.07.2022	224
	 			
2	Blood Donation Camp, JSS Hospital, Mysuru	JSS Centre for Management Studies, JSS Technical Institutions Campus Mysuru	03/08/2022.	85 Units collected
	 			
3	JSS Hospital, Mysuru	Srivarar Manor Apartments, Gokulam	14.08.2022	27
	 			
4	NJS Charitable Trust, Mysuru	Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru	16.08.2022	279

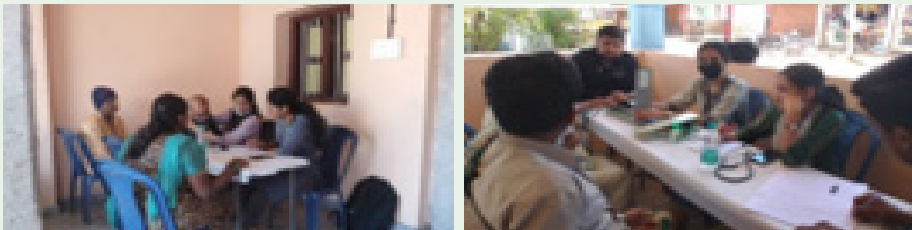
				
5	JSS Hospital, Mysuru	Tapovan Terrace Apartments, Vishveshwar-nagar, Mysuru	28.08.2022	30
6				
7	JSS Hospital, Mysuru	JSS Layout, 2 nd Stage, Lalithadripura, Mysuru	11.09.2022	324
				
8	NJS Charitable Trust, Mysuru	Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru	13.09.2022	282
				
9	Blood Donation Camp, JSS Hos-pital, Mysuru	JSS Pharmacy College, Bannimantapa, Mysuru	13.09.2022	50 Units collected
				
10	Blood Donation Camp, JSS Hos-pital, Mysuru	Terapanth Bhavan, Laksh-mipuram Mysuru	17.09.2022	55 Units collected

	 			
11	JSS Hospital, Mysuru	Mysuru Palace Premises, Mysuru Palace Board, Mysuru	18.09.2022	186
	 			
12	District Health and Family Welfare Department in association with Zilla Panchayat	SMT (Seth Mohandas Tulsidas) Hospital on JLB Road, Lakshmipuram	21.09.2022	208
	 			
13	Blood Donation Camp, JSS Hospital, Mysuru	SJCE Campus, Mysuru	24.09.2022	65 Units collected
	 			
14	JSS Hospital, Mysuru	District Health and Family Welfare Department at District hospital, Metagahalli	28.09.2022	138
	 			
15	Social Welfare and Charitable Trust Chamarajanagar	Govt Primary School, Madapura Village, Chamarajanagar Taluk	01.10.2022	405

				
16	NJS Charitable Trust, Mysuru	Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru	11.10.2022	274
17	JSS Hospital, Mysuru	Inner club of Mysuru North, Mysuru	15.10.2022	62
				
18	Social Welfare and Charitable Trust Chamarajanagar	Govt Primary School, Madapura Village, Chamarajanagar Taluk	28.10.2022	245
19	Blood Donation Camp, JSS Hospital, Mysuru	JSS Pharmacy College, Bannimantapa, Mysuru	15.11.2022	61 Units collected
20	Blood Donation Camp, JSS Hospital, Mysuru	JSS Law College, Kuvempunagar, Mysuru	22.11.2022	51 Units collected
				
21	NJS Charitable Trust, Mysuru	Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru	15.11.2022	261
				
22	JSS Hospital, Mysuru	Astitva Foundation Trust, Nanjangud	20.11.2022	224

				
23	JSS Hospital, Mysuru	Sri Siddamalleshwara Viraktha Mata, Chamara- janagar District	05.11.2022	1525
				
24	JSS Hospital, Mysuru Mega Health Camp	JSS Institutions at Saragur	25.12.2022	891
				
25	Dr.Babu Social Welfare and Charitable Trust, Chamara- janagar	Cardiac Health camp, Chamarajanagar	28.12.2022	1700
				
26	JSS Hospital, Mysuru	JSS PU College, Hullahally	29.12.2022	352
				
27	JSS Hospital, Mysuru	JSS College, Gundlupete	19.12.2022	1254

				
28	JSS Hospital, Mysuru	Health Check up camp, Gundlupet	08-01-2023	1200
				
29		General Health Camp	10-01-23	350
				
30	JSS Hospital, Mysuru	3 rd Mega Health Check up camp, Gundlupet	12-02-23	650
				
31	NJS Charitable Trust, Mysuru	General Health Camp	14-02-2023	200
				
32	Dr.Babu, Social Welfare and Charitable Trust, Chamarajanagar JSS Hospital, Chamarajanagar, 15-02-2023, 230			
				

33	JSS Hospital, Mysuru, 3 rd Mega Health Camp, Saraguru 26-02-2023, 550			
				
34	4 th Mega Health Check up camp at Gundlupet on 12-03-2023, No of beneficiaries 653			
				
35	JSS Hospital and NJS Charitable Trust, Mysuru conducted General Health Camp on 14-03-2023, No of beneficiaries 220			
				
36	JSS Hospital and JSS College of Pharmacy, Mysuru conducted General Health checkup at Mahadevapura on 21-03-2023, No of beneficiaries 50			
				
37	JSS Hospital, Mysuru	4 th Mega Health Camp, Saraguru	26-03-2023	500
				
38	JSS Hospital, Mysuru	5 th Mega Health Check up camp, Gundlupet	09-04-2023	470
				

39	NJS Charitable Trust, Mysuru	General Health Camp	11-04-2023	230
				
40	JSS Hospital, Mysuru	JSS School, Saragur	23-04-2023	426
				
41	JSS Hospital, Mysuru	6 th Mega Health Camp, Gundlupet	14-05-2023	258
				
42	NJS Charitable Trust, Mysuru	General Health Camp	16-05-2023	246
				
43	JSS Hospital, Mysuru	6 th Mega Health Camp, Saragur	28-05-2023	432
				

44	JSS Hospital, Mysuru	7 th Mega Health Camp, Gundlupet	11-06-2023	377
				
45	JSS Hospital, Mysuru Govt School Campus, Keelanapura		12-06-2023	227
				
46	JSS Hospital, Mysuru Vidya Varidhi Educational Institution campus, Bilikere		14-06-2023	227
				
47	JSS Hospital, Mysuru	JSS Institution premises, Hulhalli	15-06-2023	130
				
48	JSS Hospital, Mysuru VidhyaVaridhi School and PU college premises, Bilikere		16-06-2023	130
				

Race for 7 on 12th March 2023

“Race for 7” a marathon to raise awareness on rare genetic diseases was organised by Organization for Rare Disease India [ORDI] every year & JSS Medical College was part of the organization of the event. Racefor7 represents 7000 Rare Diseases and the average of 7 years it takes to diagnose a Rare Disease; It is a multi-city 7 kilometer run/walk/ride to raise awareness for Rare Diseases in India. 8th edition of this event has been held across several cities in India. Mysore witnessed the event on 12th March 2023 at 6 am. The event was flagged off from Balarama gate palace premises. Dr H Basavanagowdappa, Principal JSS Medical College, Dr.Raveesh S.R., president IAP, Dr.Nandish Secretary of IAP and Prof Mariswamappa, were chief guests. Mr Jinu Jose, Vice President of IQVIA and Dr.Kranti represented the sponsors. Dr.H.Basavana Gowdappa, Principal JSS Medical College spoke to the gathering and highlighted how JSS Medical College and JSS Academy of Higher Education and Research has been working towards this novel cause and briefed about the hospital initiatives. Prof. Mariswamappa stressed the importance of having the awareness regarding the genetic disorders in the public. Dr.Raveesh S.R. and Dr.Nandish H.R., Secretary of Indian Academy of Paediatrics [IAP], Mysore branch conveyed the burden of genetic disorders that has been witnessed around Mysore region and awareness would be the foundation towards reduction of the prevalence. Dr Vishal Kumar Gupta, Dr.Prashant V, Dr.Akila Prashant and Dr.Vidya C.S. from JSS Academy of Higher education were present in this occasion. Dr.Deepa Bhat, Genetic counsellor at JSS Hospital thanked the audience for their support and participation Mr.Swamy Jayappa representing Organization for Rare Disease India [ORDI] was present in this occasion. Main Sponsor are IQVIA and Co-sponsor were Roche and Associate sponsor were Sanofi, AstraZeneca. Nearly 250 participated in the event and with rare disease community and parents motivated the gathering.



Sl. No.	Name of the programme	Date
1	Voluntary Blood Donation Day	01-07-2022
2	World Population Day	11-07-2022
3	Guru Purnima Programme	13-07-2022
4	Breast Feeding Week	1 st to 7 th Aug.2022
5	World Breastfeeding Week	07-08-2022
6	Corona awareness & vaccination programme	12-08-2022
7	Independence Day	15-08-2022
8	Cancer awareness programme	16-08-2022
9	World Suicide Prevention Day	12-09-2022
10	World Arthritis Day	13-10-2022
11	World Food Day	18-10-2022
12	World Mental Health Day	18-10-2022
13	Kannada Rajyothsava	01-11-2022

14	World Diabetes Day	14-11-2022
15	Induction Programme	28-11-2022
16	Worlds AIDS Day	01-12-2022
17	International Day for Disabled Persons	03-12-2022
18	World Leprosy Day	28-01-2023
19	World Cancer Day	04-02-2023
20	International Women's Day	10-02-2023
21	World Hearing Day	03-03-2023
22	World Glaucoma Day	12-03-2023
23	World Head Injury Awareness Day	20-03-2023
24	World Tuberculosis Day	23-03-2023
25	World Health Day	25-04-2023
26	World Hand Hygiene Day	05-05-2023
27	World Health Day & World Hypertension Day	18-05-2023
28	International Museum Day	18-05-2023
29	World Hypertension Day	19-05-2023
30	World Hypertension Day	20-05-2023
31	World Schizophrenia Awareness Day	24-05-2023
32	World No Tobacco Day	31-05-2023
33	World Environment Day	05-06-2023
34	International NASH Day	24-06-2023
35	World Vitiligo Day	26-06-2023

Voluntary Blood Donation Day - 01-07-2022



JSS Hospital, Mysore conducted Voluntary Blood Donation Camp @ JSS Blood Center on 1st July 2022 on Occasion of National Doctors Day.

Dr.Manjunatha B , Registrar, JSS AHER, Dr Basavanna Gowdappa , Principal JSS Medical college, Mysore,Dr. Kushalappa PA , Director-Academics, JSS AHER , Medical Superintendent Dr. CP Madhu , Dr. Manjunath G V Deputy Director (Diagnostic) JSS Hospital, Dr. Pallavi , HOD , JSS

Hospital , Blood Center ,JSS Hospital Management and Hospital staffs were present during the Blood Donation program. JSS Hospital, Mysore celebrated National Doctors Day today on 1st July 2022 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 Ocasion Dr.Kushalappa P.A., Director Academics, JSS AHER, Dr.M.D.Ravi, Professor, Dept. of Paediatrics and Ex Director, JSS Hospital , Dr.T.S.Sathyanarayana Rao, Professor, 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.C.P.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 and staffs were present during the National Doctors Day celebrations .



World Population Day - 2022

World Population Day is an annual event, observed on July 11th every year, which has been celebrated for over three decades now. It focuses on raising awareness about the solutions related to population control and also highlights the issues related to overpopulation, and the effects of overpopulation on the environment. The theme for this year is **“A world of 8 billion: Towards a resilient future for all – Harnessing opportunities and ensuring rights and choices for all.”** In this regard, on 11th July 2022, the Dept. of Community Medicine, JSS Medical College, Mysuru organised a programme in Government Primary Health Centre (PHC), Hadinaru, Nanjangud taluk, Mysuru, with the cooperation of Dr.Ravindra, Medical Office of Hadinaru PHC.

The Postgraduates of the Department of Community Medicine and interns of JSSMC explained and educated the visitors regarding different family planning methods. The response from the visitors was very positive and encouraging. Among the exhibits **“Medical eligibility criteria (MEC) wheel for contraceptive use”** in Kannada was donated to Hadinaru PHC for the benefits of people. At JSS High School, Metagahalli Dr.Nayana S Patil, Assistant professors, Dept. of Community Medicine, JSS Medical College, Mysuru gave a talk on ‘Population Day importance & various methods to control it ‘to the adolescents’ school children.



World Breastfeeding Week 1st – 7th August 2022

On the occasion “World Breastfeeding Week 2022”, Department of Community Medicine, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru had organized the Quiz Competition for Diploma nursing students of JSS School of nursing, Mysuru on 11th August 2022. 24 students in a team of 2 participated in quiz competition. Elimination round was conducted for 12 teams and top 5 teams were selected for the final rounds of quiz.Quiz was conducted by Quiz master Dr Mythily M R.



Breast feeding week 2022 - 1st August to 7th August 2022

On occasion of World Breast feeding week 2022, breast feeding awareness programmes were conducted by Urban health centre from 1st August to 7th August 2022. As per the instruction of Medical officer health education programme was organized in MCC colony D block on 1st August, in **UHC OPD on 2nd August, in F block on 3rd, Medar block Anganwadi on 4th and Haleem nagar on 5th & 6th August on 1st of August programme was conducted in Anganwadi in MCC colony** where 14 women participated and they were provided information on importance of Exclusive breast feeding, advantages of breastfeeding to mother and children .On 2nd August small vedio demonstration programme was conducted in UHC OPD for ANC & PNC women on breast feeding techniques and hygiene.Similar programmes were also conducted in **RMC F block on 3rd august** where PNC women were shown vedios on proper breast feeding techniques and were educated about EBF.And in programme conducted in **medar block Anganwadi no 70, 9 women participated where nursing students showed pictures of bf techniques and methods.**

On 5th August in a similar programme, 26 women gathered in **Haleem Nagar samudhaya bhavan** along with Community health officer Mrs Jayasheela, Mrs Kadeeza F, ASHA worker Sumay and anganwadi staffs.

Corona awareness & vaccination programme 2022 – 12-08-2022

Corona awareness & vaccination programme was conducted by Urban health centre on 12th August as per Medical officers instruction. Health education on Corona virus infections, mode of spread, preventive methods were provided to students of government teachers taining institution for visually handicapped.

World Suicide Prevention Day – 12-09-2022

School of public health & Department of clinical psychiatry, JSS Medical College, JSS AHER observed world suicide prevention day on the 12th of September 2022, Monday. Students of MPH and the psychiatry department with all teaching and non-teaching staff were present for the observational activities. **“Creating Hope Through Action” is the triennial theme that started in 2021.**

AWARENESS ACTIVITIES

The MPH students performed a skit to spread awareness about suicide prevention. The performance was based on the theme of **“Say it right- Power to Heal, Power to Hurt.”** which is based on the importance of using the right communication to prevent any suicidal activities in the community. Then Mr. Ritvik S. Kashyap- Assistant professor of clinical psychiatry gave an awareness speech on suicide prevalence and trends among the population and myths related to the condition. He also discussed how to help people who are having suicidal thoughts or suffering from any mental conditions.

Then the students took part in competitions such as Slogan writing, quiz, and IEC making. The event concluded with the felicitation of winners and thanking of the organizers, audience, chief guests, teaching, and non-teaching staff.



World Arthritis Day – 13-10-2022

On 13th October 2022 on the occasion of World Arthritis Day, a Lobby program was held to create awareness about Arthritis for the public in JSS Hospital, Mysuru by Dept of Rheumatology. The Event was graced by Dr.Basavana Gowdappa, Principal JSS Medical College , Dr.C.P.Madhu, Incharge Director, JSS Hospital , Dr.Manjunath GV , Deputy Director- Diagnostics, JSS Hospital, Dr.Subramanyam, HOD, Dept. of Rheumatology, Dr.Siddalingamurthy, HOD, Dept of Orthopedics , Dr.Naveen Niranjana , Dy MS, Mr Vijay Bennur , Chief Engineer , Chief of Nursing Mrs. Janet Mathias , Mr Lokesh Administrative Officer .



World Food Day 2022 - 18th October 2022

On occasion of World Food day 2022, A health awareness programme and free health checkup camps were organized in Rajarajeshwari nagar, Bamboobazar on 18th October 2022. Programme was organized in Anganwadi in coordination with **Sri Darmasthala Manjunatheshwara sthree sanga**. Health education was given on Anemia and importance of low cost Food rich in iron. Health awareness was also given on Migrain causes and prevention on request from audience. UHC interns Dr Hasham babu, Dr Maaz khan, Dr Gowri nair, Dr Gopal gave talks on Anemia and migraine. Participants were ,given Deworming medication and iron supplements. Clinical examinations like anthropometry (ht, wt, wc) and BP , HR, SPO2 were examined. Those with higher readings were referre to uhc for further management. UHC staffs Mr Santhosh, Mr Sunil, Mr Mallikarjunaswamy participated in organizing the programme. A total of 28 SHG members were benefitted from the programme.

'Cancer Awareness programme 2022 - 16th August 2022

On A health education programme was conducted in Rajarajeshwarinagar, B block Bamboobazar on 16th August 2022 where members of a Self help group were provided information on common cancers in women. UHC staffs Intern Dr Mehar, Health inspector Mr Santhosh, MSW staff Mr Mallikarjunswamy participated in Self help group gathering which is conducted every month. This month awareness was given on common cancers in women like Breast cancer and cervical cancer. Dr Mehar conducted interactive session on prevention of cancers by maintaining hygiene and preventing cervical infections. Importance of breast feeding in prevention of breast cancer was also stressed. Information on Nutrition, cervical cancer vaccination was also provided. A total of 34 women availed the benefits.



World Mental health Day 2022 - 18th October 2022

On occasion of World Mental health day 2022, Psychiatric consultation clinic was started in U ban Health centre on 18th October 2022. Dr Pradeep, from Psychiatry department inaugurated the specialty clinic. Dr krishnaveni YS, MO JSS UHC introduced the consultant to the patients and suggested to make use of the services provided and convey the same to their family and friends. Dr pradeep interacted with the patients and talked about the mental health and common psychiatric problems like Depression, alcohol addiction, He addressed patients and uhc staffs about mental health resilience , to diagnose the symptoms at earliest and to seek for treatment. It was decided to continue Psychiatric clinics on every first Tuesday of the month and on second Tuesday if first Tuesday is a holiday. UHC staffs Mrs Bharathi, Health inspectors Mr Santhosh, Mr Sunil and MSW staff Mr Mallikarjun participated in the programmes.

World Diabetes Day 2022



World Diabetes Day (WDD) is the largest diabetes awareness campaign in the world. It is marked every year on November 14, 2022. Education to protect tomorrow is the theme of World Diabetes Day 2022. JSS Academy of Higher Education and Research celebrated world diabetes day with awareness campaigns, educational seminars and a free diabetes screening camp. The quiz for postgraduates and interns was conducted on the 10th of November.

Various events like awareness walkathon, followed by a lobby educational program at the hospital, free diabetes screening camp, educational symposium on gestational diabetes mellitus were conducted.

World AIDS Day; 01-12-2022

JSS Urban health centre, Bamboo bazaar, Mysuru.

As part of the World AIDS day, Department of Community Medicine and JSS Urban primary health centre, Bamboo bazaar conducted awareness to the people who came to the UHC. The awareness was done in the IEC room of the UHC. It was held as small group discussions, and 2 such sessions were held. The head sister, medical social worker and doctor addressed the gathering. The awareness was on the following topics. Sources and transmission of AIDS infection, risk factors, prevention methods and the local treatment centres for the AIDS in Mysuru. There was information regarding acceptance of people with HIV and how they can be useful to the society. After the discussion, a short five minute video was played on the awareness and prevention of AIDS. It was played in kannada language. After that a few queries by the people were answered. Each session was for 20 minutes. A total of 15 people were addressed in two sessions. Personnel: Dr Rakesh M, Dr Vanmathi A, Mallikarjun, Bharathi, Dr Saurish Hegde



WORLD AIDS DAY 2022

World AIDS Day – 2022 was conducted at JSS Hospital Lobby under the auspices of Department of General Medicine and Department of Microbiology.

Dr.Y.S.Ravikumar Professor & HOD General Medicine welcomed the dignitaries and gathering and talked about the importance of WORLD AIDS DAY.



Dr.Shyam Prasad Shetty Deputy Director of Clinical services, JSS Hospital talked about Importance of HIV awareness & Prevention. Dr.M.Manthappa vice Principal (clinical) Presided over & Stressed on the awareness for Doctors to take adequate precautions & care. Dr.Sumama.M.N Professor of Microbiology Spoke about Post Exposure Prophylaxis. Dr.Shivakumar.BK from ART Centre proposed vote of thanks. The Junior Doctors and Students were taken as an Orientation tour to ICTC AND ART Centre later. A Quiz on HIV /AIDS was held for PGs in General Medicine, Microbiology & Dermatology. A total number 34 PGs Participated in the Quiz. “Department of Medicine” PGS won the Prizes. 1st prize won by Dr.Iftikhar Khadas & 2nd Prize won by Dr.Vathul B.S.

INTERNATIONAL DAY FOR DISABLED PERSONS 2022 – 03-12-2022

JSS School of Public Health observed International Day for Disabled person on 3rd December 2022 under the theme “Transformative solution for inclusive development: the role of innovation in fueling an accessible and equitable world. The programme was conducted by Group 2 of the 1st and 3rd Semester of MPH.

The programme started with a small introductory speech by Dr Raghavi and Dr Aasweeja followed by a skit presented by the students of 1st semester MPH on spreading awareness on disability. This was followed by a briefing by Mr Kishore about the various schemes available under the Government of India for the well-being of disabled people. Chief Co-Ordinator of MPH Dr Anil S Bilimale also shared his experiences on this occasion. Dr Hemalatha and Dr Urvi of 3rd Semester MPH who had close experiences of working with the specially-abled also shared their words and then the session was concluded.



World Leprosy Day – 28-01-2023

World Leprosy Day was organized in the department of Dermatology, JSS Hospital on 28-01-2023. A total of 30 delegates participated in the program. Dr.Jayashree, Professor from the department of Physical Medicine and Rehabilitation highlighted on Rehabilitation for Leprosy patients. Dr.Shreelakshmi N., Sr. Resident spoke on leprosy care, Dr.Santhosh, Associate Professor from the department of Physiotherapy spoke on usefulness of Physiotherapy in Leprosy.

WORLD CANCER DAY ; 04-02-2023: “close the care gap”

As part of World Cancer Day, the Department of Community Medicine and JSS Urban primary health centre, Bamboo bazaar conducted awareness to the people who came to UHC. The awareness was held as small group discussions. The Medical officer, Head nurse and medico-social worker addressed the gathering. The awareness was on “common types of cancer, the importance of early diagnosis and treatment & the nutritional aspects for the prevention of cancer”.



World Hearing Day 03-03-2023

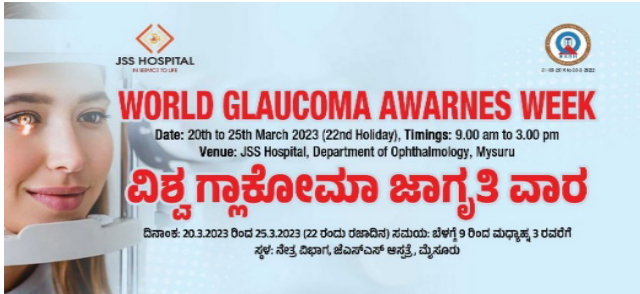


In connection with World Hearing Day, screening camps were held in hospital across all age groups, including paediatric and geriatric population. These camps were held from 20th Feb to 1st March in the hospital and nearly 200 patients were screened for hearing loss. An inaugural function in this connection was held at Rajendra Auditorium, JSS Hospital on Feb 28th which was attended by His Holiness Jagadguri Shri Shivaratri Deshikendra Mahaswamiji, Pro Chancellor Dr B Suresh, Executive Secretary of JSSMVP Dr C G Betsurmath, Vice Chancellor Dr Surinder Singh, Principal of JSS MC Dr Basavannagowdappa, Director of AIISH Dr Pushpavati, Director of

JSS Institute of Speech and Hearing, Director of Medical Education, JSSMVP Mr Mahesh and Medical Superintendent of JSS hospital Dr.C.P.Madhu. Chief Guest for this function was Mr Deepak Abbhi, founder of Abbhi family foundation and Abbhi trust. His Holiness interacted with children who had undergone Cochlear Implantation at Our Hospital and it was heartening to see some of them speaking. Dr.Bharathi M.B., Prof and Head of Dept of ENT, highlighted the work done by our department with respect to evaluation and management of deafness including the success of our Cochlear Implant program. **The Tinnitus app** developed by JSSISH was released by His Holiness and the Chief Guest on this occasion. The need for awareness about hearing loss and the options available for managing deafness was stressed by all our honourable speakers. His Holiness gave his blessings to the audience and the program concluded with a vote of thanks by Dr Suma, Principal of JSSISH.

Glaucoma day

On the occasion of world **Glaucoma day** which was observed on March 12 this 2023, department of Ophthalmology observed **Glaucoma Awareness week** from 20.03.2023 to 25.03.2023. Glaucoma screening package was offered at subsidized cost. This activity was done under the guidance of Medical Superintendent JSSH, Deputy Director clinical and diagnostic services and Principal, JSS Medical College & Hospital. Professor & Head Ophthalmology and rest of faculty, post graduates and non-teaching staff participated in this activity.



Awareness program on the observance “World Head Injury Awareness Day” 20-03-2023



Dept of Clinical Psychology, Neurosurgery & PMRC, JSS Medical College & Hospital, Mysuru, conducted a public awareness program on the observance “World Head Injury Awareness Day” on 20th March 2023. This programme was attended by patients with head injury and their caregivers and general public. The program was co-ordinated by Mr. Rithvik S Kashyap, Sudeep PK, Trishala D, Abhiram M Ajaya and Asmita Jain (faculties- Dept. of Clinical Psychology).

The Chief guest for this was Shri Jayaprakash, Inspector, Krishnaraja Traffic Police Station, Mysuru. The gracious presence and insightful words from the dignitaries Dr. Basawana Gowdappa, Principal, JSS MC, Dr. Manthappa, Vice Principal (Clinical), Dr. (Col) T.S.Vasan, Prof. & Head, Neurosurgery made the programme successful. Dr. Vasan had a deliberation on “Practical Concept in management of Head Injury” and Dr. Manoj K. Pandey, Assoc Prof. & Head, Dept of Clinical Psychology had a talk on “Scope of Clinical psychology Services in Management of Patients with Head Injury.”

Neurosurgery made the programme successful. Dr. Vasan had a deliberation on “Practical Concept in management of Head Injury” and Dr. Manoj K. Pandey, Assoc Prof. & Head, Dept of Clinical Psychology had a talk on “Scope of Clinical psychology Services in Management of Patients with Head Injury.”

World Tuberculosis Day – 23-03-2023



World Tuberculosis Day was observed by Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru in association with the JSS Nursing College, Mysuru at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru on 23.03.2023.

The Programme was started by flag off by Dr. Rama H.V., Lady Medical Officer of JSS Urban Health Centre and Mr Ningaraju, Assistant Professor of JSS Nursing college for awareness rally from students of JSS Nursing College, Mysuru on the theme “YES! WE CAN END TB!” in the area of Medar Block, Bamboo Bazar, Mysuru. Chief guest Dr. Mohammed Shiraz Ahamed, DTO, Department of

Health and Family Welfare, Mysuru, Dr.Praveen Kulkarni, Vice Principal (Para clinical), JSS Medical College, JSS AHER, and Dr.Sunil Kumar D, Professor and Head, Department of Community Medicine, JSS Medical College, Mysuru, along with Mr Ningaraju, Assistant Professor of JSS Nursing college, Dr.Rama H V, Lady Medical Officer of JSS Urban Health Centre and Dr.Amoghashree, Assistant Professor and Coordinator- JSS Urban Health Centre, Department of Community Medicine, JSS Medical College inaugurated the event by watering the plant.Dr.Mohammed Shiraz Ahamed addressed the gathering about current scenario, Tb signs, symptoms, treatment regimen and also briefed about incentives given under Nikshay Poshan.Dr.Praveen Kulkarni created the awareness among audience and students about Tuberculosis.

Song on Tb, written by Mr Ningaraju, Assistant Professor of JSS Nursing college was sung by students and skit was performed to create awareness among the audience.

Tb champions shared their experiences, followed by fruits distributions to them by dignitaries and staffs of Department of Community Medicine, JSS Medical College, Mysuru.

JSS MC, JSS AHER Commemorates World Health Day with Health Camp for Staffs - 25-04-2023.



The Department of Community Medicine, JSS Medical College, JSS AHER Mysuru, organized a health camp on April 25, 2023, to mark 75th World Health Day (Theme: Health for all) and promote regular health check-ups for its staffs. The event was held at the Sri Rajendra Auditorium, JSS Medical College, from 10 AM to 2:30 PM. The health camp aimed to provide comprehensive health assessments to staff, including measuring height, weight, BMI, Waist to hip ratio, blood pressure, Haemoglobin, blood sugar & ECG.

Dr.B.Manjunatha, the Registrar of JSS AHER, was the distinguished chief guest of the event. He inaugurated the program and addressed the gathering, emphasizing the significance of the event's theme. He mentioned that the

importance of regular health check-ups had been stressed since 2000 and promoting it to achieve a healthier community is imperative.

World Hand Hygiene Day – 05-05-2023



World Hand Hygiene Day program was organized by the Hospital Infection Control team, on May 5th, 2023. With the blessings of His Holiness, the program was inaugurated by Dr.H.Basavana Gowdappa, Principal, JSS Medical College; Dr.Madhu C.P., Medical Superintendent, JSS Hospital; Dr. Narayanappa D, HIC Chairperson; Dr..Rashmi P Mahale, HIC Secretary; Dr.Sumana M.N, HIC Mentor; Ms. Janet Mathias, Nursing superintendent; Mr. Lokesh N, Administrative officer; Ms. Ashwathi Devi, Principal JSS College of Nursing; Ms. Renuka Devi, Principal, JSS School of Nursing. Prize distribution was done for various categories by the dignitaries present. **The Hand Hygiene Rolling Trophy was awarded to Neurosurgery ICU and Pediatric ward.** As a part of awareness Hand hygiene dance was performed by

students of the JSS School of Nursing.

World Health Day and World Hypertension Day on 18.05.2023



Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru organized Free General Health camp at JSS Urban Health Centre, Bamboo Bazar on 18th May 2023 on World Health Day and World Hypertension Day. Chief Guest Sri.Ravindra, corporator Yadavagiri, Guests of Honour Sri S.R.Satish Chandra, Administrative Officer, Sri Shanmugum, Sri Murugesh leaders, Bamboo Bazar, and Dr Sunil Kumar D, Professor & Head, Department of Community Medicine, along with Dr.Amoghashree, Coordinator and Dr.H.V.Rama, Medical Officer, JSS Urban Health Centre inaugurated the camp by watering the plant. Guest lecture was given to camp beneficiaries on Diabetes management by Dr.Ajay Hanumanthu, Assistant Professor, Department of Endocrinology, JSS Medical College and Hospital.

International Museum Day 18-05-2023



Department of Anatomy organized Museum visit and awareness program on the occasion of International Museum Day 2023 with the theme: "Museums, Sustainability and Wellbeing" on May 18th 2023. The students of Mysore Science Foundation visited the Anatomy Museum. Students expressed that they got satisfactory information about Human Anatomy after visiting the museum.

World Schizophrenia Awareness Day – 24-05-2023

World Schizophrenia Awareness Day was Organised by Department of Psychiatry JSSMC, JSSAHER. Psychiatry PGs presented "Narratives in Schizophrenia" & "Recording of Public Awareness on Schizophrenia in Seven Languages" was done.

World Hypertension Day 2023 – 19-05-2023 and 20-05-2023



On the occasion of World Hypertension Day, Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru organized **Free general health camp for the people of Hanchya with the theme "Measure Your Blood Pressure Accurately, Control It, Live Longer"** at the premises of Government High School, Hanchya on 19th May 2023. Chief guest Dr.Praveen Kulkarni, Vice Principal (Para clinical), Guests of Honour Dr.Sunil Kumar D., Professor and Head, Department of Community Medicine and Dr.Ravindra, Medical Officer, Hanchya PHC inaugurated the event by watering the plant.



Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru organized Zumba session at Sri Rajendra Auditorium, JSS Medical College, Mysuru on 20th May 2023 on the occasion of World Hypertension Day with the theme **"Step to the beat, to Step down the Pressure"**.

Zumba Instructor Mr.Arjun, Dance for you Institute, Mysuru conducted a 1 hour session for teaching and Non-teaching staffs of JSS AHER, Mysuru. Around 100 staffs

participated and enjoyed The Zumba session.

World No Tobacco Day – 31-05-2023



On the occasion of World, No Tobacco Day, the Department of Community Medicine, JSS Medical College, JSSAHER, Mysuru organized an essay and drawing competition for the students of JSS High School, SS Nagara Mysuru with the theme “**We Need Food, Not Tobacco**”.

World No Tobacco Day was observed on 31st May 2023 at the premises of JSS High School SS Nagara Mysuru. Chief guest and Guest speaker Dr.Thippeswamy H.M., Reader, Public Health Dentistry, JSS Dental College Mysuru and Guests of Honor Dr.Sunil Kumar D, Professor and Head, Department of Community Medicine and Sri Shivashankar S P, Head Master, JSS High School, SS Nagara, Dr.Rashmi S, Senior Resident, Department of Community Medicine, and Mrs Jyothi, Teacher of JSS High School, Mysuru inaugurated the event by watering the plant.

Walkathon for International NASH Day/NAFLD awareness – 24-06-2023



The School of Public Health, in collaboration with the Department of Gastroenterology at JSS Medical College and Hospital, JSS Academy of Higher Education and Research (JSSAHER), organized a grand Walkathon to raise awareness about International NASH Day/NAFLD in front of Mysuru Palace’s Kote Anjaneya Temple on 24th June 2023.

The Walkathon was graced by Chief Guest : Dr.Rajendra K.V., IAS (Honorable Deputy Commissioner & District Magistrate)

Guest of Honour : Dr.C.G.Betsurmth (Executive Secretary, JSS Mahavidyapeetha) Approximately 300 participants from various backgrounds, the Walkathon proved to be a resounding success.

World Vitiligo Day – 26-06-2023

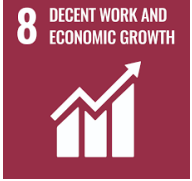


World Vitiligo Day 2023 was celebrated at JSS hospital, Mysore. The theme of the day was ‘looking into the future.’ A patient outreach programme was organised by the department of Dermatology. Chief guest on the occasion Sri Komal Kumar, Kannada cine star highlighted the quality treatment in the form of oral medications and surgeries available at JSS hospital at affordable prices to the patient. Public should shun myths about the disease and focus on doctors’ advice and get themselves treated.

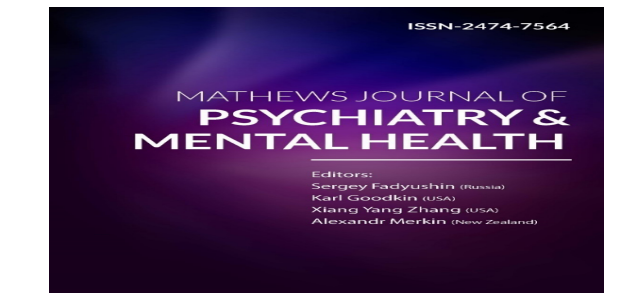
A skit programme highlighting the myths, social taboos and available treatment was performed by the resident doctors of Dermatology. The patients also shared their experiences about treatment of Vitiligo.

INSTITUTION ACCOMPLISHMENTS

The Times Higher Education Impact Rankings 2023

 JSS ACADEMY OF HIGHER EDUCATION & RESEARCH (DEEMED TO BE UNIVERSITY) MYSURU	Rank in India: Seventh Global Ranking: 301-400 Participating institutions: 1519/HEIs from 115 Countries/Regions	
 Rank in India: First Global Ranking: 16th Participating Institutions: 1218	 Rank in India: First Global Ranking: 65th Participating Institutions: 876	
 Rank in India: Third Global Ranking: 100-200 Rank Participating Institutions: 586	 Rank in India: Fourth Global Ranking: 201-300 Rank Participating Institutions: 647	 Rank in India: 15th Global Ranking: 201-300 Rank Participating Institutions: 702
 Rank in India: 2nd Global Ranking: 201-300 Rank Participating Institutions: 901	 Rank in India: 6th Global Ranking: 301-400 Rank Participating Institutions: 1625	 Rank in India: 9^h Global Ranking: 401-600 Rank Participating Institutions: 960
 Rank in India: 23rd Global Ranking: 401-600 Rank Participating Institutions: 873	 Rank in India: 18th Global Ranking: 401-600 Rank Participating Institutions: 735	

SCIMAGO Institutions Rankings (SIR)-2023

	
 10th Rank	 12th Rank
 19th Rank	Pathology & Forensic Medicine 14th Rank
 18th Rank	

Outlook-ICARE Rankings 2023

	Rank	2
	Name of Institution	JSS MEDICAL COLLEGE, MYSORE
	Academic & Research Excellence (250)	386.78
	Industry Interface & Placement (250)	182.31
	Infrastructure & Facilities (200)	122.85
	Governance & Admissions (150)	86.49
	Diversity & Outreach (150)	86.49
	TOTAL SCORE (1000)	893.17

NEWER INITIATIVES IN HEALTH CARE AND RESEARCH

INAUGURATION OF ADULT IMMUNIZATION CENTER

26.04.2023

Department of General Medicine, JSS Medical College and Hospital takes pride in informing that an “Adult Immunization Centre” was inaugurated on 26th April 2023 at Master health check-up complex. The adult immunization centre was inaugurated by our Registrar Dr.Manjunatha B and the event was presided by our Principal Dr.Basavana Gowdappa H along with our medical superintendent Dr.Madhu C.P. the program was also attended by Vice Principals, HODs from various department, administrators, postgraduates, house surgeons, undergraduates and nursing students. On this occasion, nearly 30 beneficiaries (which included Doctors and public) were administered the required vaccine.

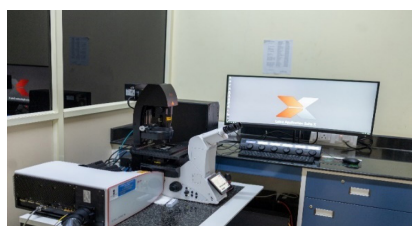
The adult immunization centre opened under the aegis of department of medicine will be functional throughout the year on all working days from 9.00am to 4.00pm. Dr.Thippeswamy T, Associate Professor from the department of medicine has been designated as In-charge person to take care of the logistics involved in the functioning of the centre. The programme was concluded by working lunch for all the participants.

JSS Hospital adult immunization centre is the first of its kind in Mysuru and one among very few centres across the state and country. Apart from administering various vaccines, the centre takes the opportunity to increase the public awareness about adult immunization in the hospital (OPD & in-patient), radio talks and educating the public through print media.



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 Eppendorf	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



AWARDS AND ACHIEVEMENTS OF FACULTY



Dr.H.Basavanagowdappa

- **Dr.H.Basavana Gowdappa**, Principal, JSS Medical College was felicitated for his service excellence in Mysuru region on the occasion of National Doctor's day by Narayana Multi speciality Hospital, Mysuru.

Medical practitioners felicitated



On the occasion of National Doctor's Day, Narayana Multispeciality Hospital, Mysuru, felicitated renowned medical practitioners — Dr. Laxmi Devi, Dr. Prahlad Rao, Dr. Amrit Nanalath, Dr. Basavanagowdappa, Dr. Haridas Upadhyaya and Dr. Vijay Kumar — for their service excellence in Mysuru and Coorg region. They are seen with Hospital Clinical Director Dr. M.N. Ravi and Facility Director Pavan Kumar.

Felicitated at API Karnataka EC Meeting at Bengaluru on 28th March 2023 for his excellent services rendered towards patient care.



Dr. Prashant Vishwanath



Dr.Prashant Vishwanath, Dean (Research), JSS AHER & Professor of Biochemistry receiving the medal as the President of the Association of Medical Biochemists of India (AMBI). He was also

awarded the Fellowship of the AMBI during the 29th Annual Conference of the AMBI (AMBICON 2022) which was held from the 21st to 23rd of July 2022 at the Moongate Resort Bangalore.



Dr. Akila Prashant

Dr.Akila Prashant, Professor, Department of Biochemistry received Best Teacher Award 2022 at JSS Medical College, Mysuru on 12th May 2022.



Dr.Pushpalatha.K Dr.Pushpa NB Dr. Vidya.C.S



Dr.Vidya C.S, Prof. & HOD of Anatomy was felicitated for authoring Text book- Quick review in Anatomy and **Dr.Pushpalatha.K**, Professor and **Dr.Deepa Bhat**, Asso.Professor, Department of Anatomy were felicitated for editing IB

Singh Text book of histology-10th edition in the national conference organized by ASI & GIMS Gadag from 8th to 11th December 2022.



Dr. Vidya.C.S Dr. Vinutha.S.P

Dr.Vidya C.S., Professor of Anatomy bagged best poster award under Histology category for the poster titled “Sellar - suprasellar pituitary macroadenoma in a 35 year old woman- a case report” and **Dr.Vinutha S.P.**, Assistant Professor of Anatomy bagged best poster award under Embryology category for the poster titled “The Spectrum of Congenital Anomalies among Stillborn in a Tertiary Care Hospital: A Fetal Autopsy Study” at International conference organized by SRMC Chennai held on 22nd and 23rd July 2022.



Dr Deepa Bhat

Dr.Deepa Bhat, Asso.Professor of Anatomy was featured for her contribution in the field of sickle cell disease and tribal health in the CONNECT - Indian Institute of Science quarterly magazine released by Office of Communications - Indian Institute of Science on 30th December 2022.

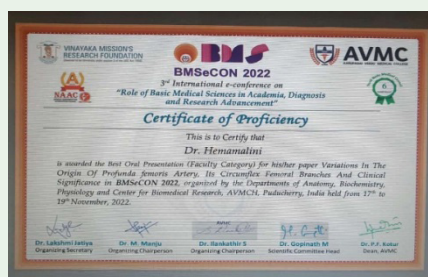


Dr.Pushpa.N.B

- **Dr.Pushpa N.B.**, Asst. Professor, Department of Anatomy received Research Excellence Award for Highest Number of Publication in the year 2021 at JSS Medical College, Mysuru on 12th May 2022.
- **Dr.Pushpa N.B.**, Assistant Professor, Department of Anatomy, awarded the Best Oral Presentation (Faculty Category) for “Histopathological analysis of effect of PIH on fetal kidneys using special stains and IHC” at the BMSECON-2022, 3rd International virtual e- conference organised by AVMCH, Puducherry, held from 17th to 19th November 2022.
- Dr.Pushpa N.B., Associate Professor, Department of Anatomy received “**Certificate of Excellence**” for Assistant Editor of NJCA journal on 3rd March 2023 at 11th SOCA conference held at Ludhiana
- Dr.Pushpa N.B., Associate Professor, Department of Anatomy received Best Presentation, Animation category “National E-Conference on Plastination Techniques” at Saveetha Institute of Medical and technical sciences, Chennai on 3rd Jun.2023



Dr. Hemamalini



Dr.Hemamalini, Associate Professor of Anatomy won the Best Oral Presentation award (Faculty Category) for “Variations in the origin of profunda femoris artery, its circumflex femoral branches and clinical significance” under gross Anatomy category at the BMSECON-2022, 3rd International virtual e-conference organised by AVMCH, Pondicherry, held from 17th to 19th November 2022.



Dr. Rashmi C. Ghoshi



Dr. Rashmi C. Ghoshi, Asst. Professor, Department of Anatomy received International Best Researcher Award at ISSN Awards, Trichy on 7th May 2023.



Dr. Prathima C



Dr. Prathima C, Associate Professor, Department of Pharmacology was awarded “**Best poster presentation**” titled “NRF2 modulatory potential and anti-cancer activity assessment of Novel 1, 2 Oxazines In-vitro and In-vivo.” in the 52nd Annual conference of Indian Pharmacological Society 2023 (52nd IPSCON 2023) held at JSS College of Pharmacy, Mysuru from 23rd to 25th February 2023.



Dr. M.V.S.S.T. Subba Rao

Dr. M.V.S.S.T. Subba Rao, Professor, Department of Biochemistry received Research Excellence Award for the Best Citations in the year 2021 at JSS Medical College, Mysuru on 12th May 2022.



Dr. Rajesh Kumar T

Dr. Rajesh Kumar T., Asso. Professor, Department of Biochemistry received Prof. Y.T. Thathachari Endowment Prize for the Best Research Paper in the year 2021 at JSS Medical College, Mysuru on 12th May 2022.



Dr. Prasanna Kumar S.



- Mysore Science Foundation on its successful 10th anniversary program on 9th and 10th July 2022 honored **Dr. Prasanna K. Santhekadur**, Associate Professor Department of Biochemistry, JSS Medical College as “Our Proud Resource Person” and also bestowed him with the Congratulation Certificate for his outstanding contribution to Science Communication.
- Received “**Sir C.V. Raman Young Scientist State Award**” instituted by Govt. of Karnataka in the field of Medical Sciences for the year 2021, instituted by the Government of Karnataka and Karnataka State Council for Science and Technology on 23rd March 2023 at JN Tata Auditorium in Indian Institute of Science, Bangalore.



Dr. Venu.D

Dr.Venu D., Asst.Professor, Department of Pharmacology received 3rd Prize in Reflective Writing Competition organized by CDSIMER, (Dr. Chandramma Dayananda Sagar Institute of Medical Education & Research), Bangalore during 17th to 23rd September 2022.



Dr.Neetha.S.Murthy



Dr.Neetha.S.Murthy,

Sr.Resident, Department of Microbiology received 3rd Prize in MICROBIALGRAPHY 2022 at TM Media Logo Art in Culture Media Competition, Titan Biotech, Rajasthan on 2nd June 2022



Dr.N.M.Nandini

- **Dr.N.M.Nandini**, Professor, Department of Pathology was awarded the Silver award of 8th IHW Award 2022 in the category of Excellence in Healthcare access and affordability. Award issued by NITI Ayog Govt. of India, Parel, Mumbai on 19th January 2023.
- **Dr.N.M.Nandini**, Professor, Department of Pathology was awarded the Silver award of 8th IHW Award 2022 in the category of Excellence in Healthcare access and affordability. Award issued by NITI Ayog Govt. of India, Parel, Mumbai on 19th January 2023.



Dr. Sunilkumar.D

Dr.Sunil Kumar D., Prof. & HOD, Department of Community Medicine in recognition of an outstanding contribution to the quality of the journal of Peer Reviewer 2022 from Texila International Journal of Public Health





Dr. Ranjitha Shankaregowda,

Dr. Ranjitha Shankaregowda, Assistant Professor, Department of Microbiology was awarded “Best performers of the day” on 8th February 2023 during the Advanced National workshop on Antimicrobial Stewardship held between 6th to 10th February 2023 conducted by Hospital Infection Unit and Department of Microbiology at JIPMER, Pondicherry.



Dr. Vidyavathi B. Chithra

Dr. Vidyavathi B. Chitharagi, Assistant Professor, Department of Microbiology was awarded “Best performers of the day” on 8th February 2023 during the Advanced National workshop on Antimicrobial Stewardship held between 6th to 10th February 2023 conducted by Hospital Infection Unit and Department of Microbiology at JIPMER, Pondicherry



Dr. Shwethashree M

- **Dr. Shwethashree M.**, Asst. Professor, Department of Community Medicine in recognition of outstanding performance and for demonstrating self-less team-work solving the clinical problem during the Medical Device Hackathon (MEDHA) Stage-1 held from May 14th to 28th 2022 by BETIC, IIT Bombay, Mumbai and JSS College of Pharmacy, Mysuru
- Received Compact Design Award for demonstration self-less team-work and solving problem titled “Student Pocket Mobile Otoscope” during the Medical Device Hackathon (MEDHA) held virtually from May 14th to 28th, 2022 by BETIC, IIT Bombay and Partner Institutes.
- Received Social Innovation Device award for her work on Malaria Technology during Medical Device Innovation Course from 2nd September to 2nd October 2022.



Dr. Mythili M.R

- **Dr. Mythili M.R.**, Sr. Resident, Department of Community Medicine received Award for Best Scientific Full Paper in National level conference -My Nutricon 2022 held on 6th to 8th December 2022.



Dr. Smitha Rani



- **Dr. Smitha Rani**, Asst. Professor, Department of Forensic Medicine received Best Teacher Award 2022 at JSS Medical College, Mysuru on 12th May 2022.
- **Dr. Smitha Rani**, Assistant Professor in the Department of Forensic Medicine and Toxicology won second position in Paper presentation (Professional Category) at the IASR International Conference on Forensic Science held from 26th to 28th August 2022 organized by International Association of Scientists and Researchers, New Delhi. Her paper was titled “Significance of Death Scene Investigation by Forensic Medicine Expert: A Case Report”



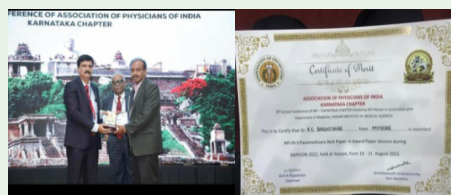
Dr.Y.S.Ravikumar

Dr.Y.S.Ravikumar, Professor, Department of Medicine received Best Teacher Award – 2022 for his contribution to Medical Education Knowledge, Punctuality and Research on 12-05-2022.



Dr.K.C.Shashidhara

Dr.K.C.Shashidhara, Professor of General Medicine received Best paper award at KAPICON 2022 Hassan during 19th to 21st August 2022 at HIMS, Hassan for his presentation on the topic “To study the endothelial markers, biochemical markers in dengue fever and its correlation to the clinical profile”.



Dr.Pratibha Pereira

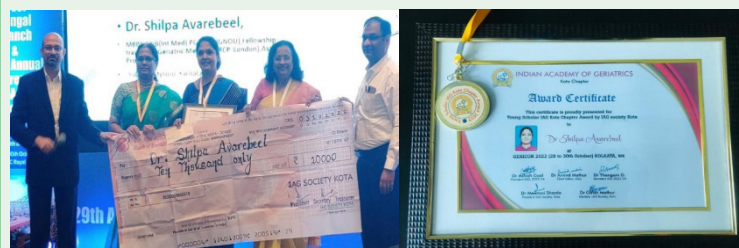


Dr.Pratibha Pereira, Professor & Head, Department of Geriatrics received Sri Sunku Subrahmanyam Memorial Oration award for the year 2022 in 18th International Conference of Geriatric Society of India held at Kolkata on 02-12-2022.

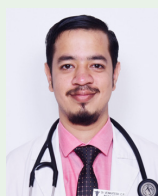


Dr.Shilpa Avarebeel

Dr.Shilpa Avarebeel, Assistant Professor, Department of Geriatrics has received National Award as Young Scholar 2022 in National Geriatric Conference (GERICON 2022) held in Kolkata from October 28th to 30th 2022. She has received a Gold medal and cash prize.



Dr.P.A.Mahesh, Professor, Department of Respiratory Medicine and **Dr.Rajesh T**, Associate Professor, Department of Biochemistry are listed in the top 2% of the world's researchers across all the specialties by Stanford University, USA in the year 2021, 2022 and last 250 years. In the last 250 years, only 174 Indian doctors have achieved this distinction.



Dr.Venkatesh

Dr.Venkatesh C.R, Assistant Professor of General Medicine received Best review article of the year 2021 in the APIK Journal of Medicine at KAPICON 2022 Hassan during 19th to 21st August 2022 at HIMS, Hassan



Dr.Purushotham Shastry

Dr.Purushotham Shastry, Professor, Department of Orthopaedics received appreciation award for his contribution towards Karnataka Orthopaedics Association (KOA) at 46th State conference of Karnataka Orthopaedics Association at St. John's Medical College, Bangalore during 6th to 8th May 2022.



Dr.Shilpa C

Dr.Shilpa C., Asso. Professor, Professor, Department of E.N.T. received Best Teacher Award 2022 for her contribution Education Knowledge, Punctuality and Research on 12th May 2022.



Dr.Ashwini P.K



Dr.Ashwini P.K., Asso. Professor, Department of Dermatology received Dr.Sardarilal Memorial Award for best article in Study of Sexually Transmitted Diseases & AIDS at 46th National Conference of IASSTD & AIDS, Hyderabad during 9th to 11th September 2022.



Dr.Shasthara P

Dr.Shasthara P., Asst.Professor, Department of Neurology Awarded Fellowship in Headache Medicine at 2nd Annual Congress of the World Headache Society, Bangalore during 28th & 29th May 2022.



Dr.Ganesh G.Gowda



Dr.Ganesh G.Gowda, Asso.Professor of CTVS received Certificate of Recognition on the occasion of National Doctors Day celebration on 1st July 2022 for exemplary contribution under Ayushman Bharat Arogya Karnataka (AB-PM-JAY-ArK) by treating the beneficiaries of the scheme in the state of Karnataka and thereby supporting India's journey towards ensuring equitable access to quality health care service to all.



Dr.K.B Suma



Dr.K.B Suma, Professor, Dr. Jayashree & Dr. Virupaksha Ajjammanavar, Associate Professors of OBG were felicitated

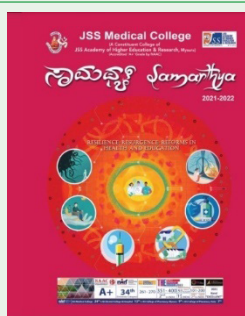
by DC during inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC at PMSMA Workshop at Maya's Kings Kourt Hotel, Mysore on 8th February 2023



Dr.Abhijith Sivashankar



Dr.Abhijith Sivashankar, Sr. Resident in the department of Emergency Medicine received 1st prize in poster presentation organized by EM RENDEZVOUS, Pondicherry on 9th September 2022.



2nd prize for college magazine "Samarthyatha"

ONGOING FUNDED PROJECTS

Funding agency	PI Department	Collaborative Departments	Area of Research	Funds in Rupees
DST	Biochemistry Dr.Rajesh Kumar T.	--	Dyslipidaemia	32,81,350.00
	Biochemistry Dr.MVSST Subbarao	--	FIST programme	56,40,000.00
	Biochemistry Dr.Divya P.Kumar	Gastroenterology	AATF in non-alcoholic steato hepatitis	30,00,000.00
	Paediatrics Dr.Srinivasa Murthy D	--	POCT for Blood coagulation status	27,00,000.00
	MVSST Subarao	Biochemistry, JSSCPM	therapeutic potential of olfaction for treating dementia	40,00,000.00
DST PURSE	Dr Prashant V	Biochemistry School of life sciences	--	17,36,00,000.00
DST Sathyam	Comm. Medicine Dr.Madhu B	Physiology Dept. of Yoga	Yoga, Stress and Covid	5,50,000.00

DBT	Anatomy Dr.Deepa Bhat	--	Centre for training research and innovation in Tribal Health	71,00,000.00
	Comm. Medicine Dr.Praveen Kulkarni	Biochemistry Psychiatry	Micronutrient deficiency and cognitive dysfunction in tribal areas	27,50,000.00
	Biochemistry Dr.Rajesh Kumar T.	College of Pharmacy	Air pollution and lung growth	3,50,00,000.00
	Biochemistry Dr.MVSST Subbarao	--	Vitamin D & CA Breast	49,69,600.00
	Radio-Diagnosis Dr.Vikram Patil	OBG	RFA in fibroid	50,00,000.00
	Respiratory Medicine Dr.P.A.Mahesh	Biochemistry	Air pollution	9,98,44,800.00
	Psychiatry Dr Kishore M	JSS College of Pharmacy, Mysuru	Geriatric Chronic cerebral hypoperfusion:	50,00,000.00
DBT Builder	Biochemistry Dr.MVSST Subba Rao	College of Pharmacy, Mysuru & Ooty	Science and Technology	19,00,00,000.00
DBT Ramalingaswamy	Biochemistry Dr.Divya P.Kumar	--	Hepatocellular Carcinoma	1,13,60,000.00
	Biochemistry Dr.Prasanna Kumar	---	Hepatocellular Carcinoma	1,13,60,000.00
SERB	Biochemistry Dr.Akila Prashant (Dr.P.V.Salimath)	Medicine Comm. Medicine	Diabetic Nephropathy & Vitamin D	51,30,000.00
CSIR IICB	Biochemistry Dr.MVSST Subbarao	--	Chronic Respiratory disease	7,32,792.00
ICMR	Biochemistry Dr.M.N.Suma	OBG Pathology	Cervical Cancer	22,93,316.00
	Anatomy Dr.Deepa Bhat	Biochemistry Comm. Medicine Paediatrics	Sickle Cell Disease	53,42,986.00
	Microbiology Dr.Vidya B.C.	Anatomy Clinical Psychology Comm. Medicine	Screening for Sexually transmitted infections	23,00,000.00
	Biochemistry Dr.Akila Prashant	Paediatrics	inherited metabolic disorders	2,44,250.00
	Biochemistry Dr.Devanand	Paediatrics JSS Dental College	Bone mineral density in children and RO water consumption	20,41,000.00
	Biochemistry Dr.MVSST Subba Rao	JSS Dental College	Inflammatory markers, Periodontitis and Type II Diabetes	18,60,000.00
	Biochemistry Dr.Prasannakumar	Surgical Gastroenterology	Staphylococcal nuclease containing SND1 in obesity associated NAFLD	44,00,000.00
	Biochemistry Dr.Shobha C.R.	General Medicine	Genes regulating adipogenesis & vitamin D	45,53,000.00
	Paediatrics Dr.K.Jagadish Kumar	College of Physiotherapy	Indian folk games and cerebral palsy	24,00,000.00
	Cardiology Dr.Sunil Kumar S	General Medicine Geriatrics	Yoga care	12,84,240.00
	Biochemistry Dr.Rajesh Kumar T.	School of Life Sciences	Millet based diet fiber & allergic Asthma	40,00,000.00
	Biochemistry Dr.Divya P.Kumar	Gastroenterology	Hepato Cellular Carcinoma	9,87,770.00
	Psychiatry Kishor M	JSS Dental College	Enhancing counseling skills of dental students on tobacco cessation	25,00,000.00

KSTA	Biochemistry Ms.Varsha	--	SP1 transcription in HCC	35,000.00
	Biochemistry Ms.Nirmal G.S.	--	Quercetin & HCC	35,000.00
	Biochemistry Ms.Medha Karnik	--	Inflammatory cytokines and cervical cancer	35,000.00
MAMTA HMIC, New Delhi	Comm. Medicine Dr.Sunil Kumar D.	SJCE	Mental Health Care & Medical Technology	1,00,000.00
	Comm. Medicine Dr.Madhu B.		Quality of life among diabetes	1,00,000.00
Christian Medical College, Vellore	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maharashtra, Gujarat)	Rotasiil Vaccine	8,10,936.00
	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maharashtra, Gujarat)	Rotasiil Vaccine	3,94,632.00
IADVL	Dermatology Dr.Vinutha Rangappa	Biochemistry	Vitiligo	4,42,480.00
	Dermatology Dr.Ashwini P.K.	--	Oral Lichen Planus	4,50,000.00
	Dermatology Dr.Ranugha P.S.S.	Microbiology	Leprosy	4,43,000.00
Dr Somashekar and Malathi Health and Wellness Foundation	Comm. Medicine Dr.Praveen Kulkarni	General Medicine	Health Awareness Project for rural areas in North Karnataka	12,50,000.00
Nidhi Prayas	E.N.T. Dr.Amulya T.M.	College of Pharmacy, Mysuru IISC, Bangalore	Nasal stunts	10,00,000.00
iMERA	Radiology Dr.Vikram Patil	--	MSK Radiographs	10,00,000.00
Novartis	Comm. Medicine Dr.Anil Bilimale	Anatomy Paediatrics	Ambari-Sickle cell disease, Health system project	28,00,000.00
MPMRT	General Medicine Dr.Savitha V.	Comm. Medicine	Thyroid disfunction with iron deficiency	3,00,000.00
Bodoland University, Assam	Anatomy Dr.Deepa Bhat	--	Cognitive abilities between hydroxy urea treated & untreated SCD children	15,00,000.00
	Anatomy Dr.Deepa Bhat	Comm. Medicine Annupur paras MC, Vadodara	Social Stigma, pain crisis and SCD	1,20,00,000.00
RNTCP	Community Medicine Madhu B	Community Medicine	Spatio-Temporal Analysis of Tuberculosis	1,85,000.00
Dr.Deepa Bhat	Anatomy Biochemistry	Institute of Public Health Bangalore	Sickle cell Disease Genotyping of DNA samples (THETA)	4,17,200.00
Dr.Deepa Bhat	Anatomy, OBG, Pediatrics	TIGS	Optimizing ex-vivo hematopoietic stem cell culture and gene editing	2,00,000.00

INTERNATIONAL FUNDED PROJECTS

Sponsoring agency	PI/CO I	Thematic area	Grant amount
Latrobe University, Melbourne	Microbiology	Microbial population in soil	11,50,000.00
	Dr.M.N.Sumana		
	Respiratory Medicine	Asthma & Air pollution	26,18,682.00
	Dr.B.S.Jayaraj		
Swedish Heart Lung Foundation	Respiratory Medicine	COPD	65,83,300.00
	Dr.P.A.Mahesh		
Swedish Karolinska Institute	Respiratory Medicine	COPD	50,46,000.00
	Dr.P.A.Mahesh		
WHO	Comm. Medicine	Diabetes & Hypertension	2,74,575.00
	Dr.Praveen Kulkarni		
	Comm. Medicine Dr.Anil Bilimale	O2 COV2 oxygen requirements in Covid patients	23,43,390.00
PHRI, Hamilton, Canada	General Medicine	International polycap study	11,72,164.00
	Dr.K.M.Srinath		
GHES, NIS, USA	Biochemistry	Inflammatory cytokines & HPV infected women at risk for cervical cancer	16,89,000.00
	Dr.MVSST Subba Rao		
Imperial College, London	Respiratory Medicine	Bold-II Study	11,14,318.00
	Dr.P.A.Mahesh		
University of Birmingham	Respiratory Medicine	SIRPAC study	20,00,000.00
	Dr.P.A.Mahesh		
University of Arizona	Dr MVSST Subbarao	CARE study	24,45,000.00

INDUSTRY SPONSORED PROJECTS

Sl No	Title	Principal Investigator	Departments involved	Funding agency	Amount sanctioned	Duration
1	Community-centered health system strengthening for outpatient antimicrobial stewardship with Replicating Effective Programs Framework	Dr.Sumana M.N	Microbiology	JSSAHER & Pfizer	35,50,925.00	3 years
2	ATP evaluation of anti biofilm and anti microbial efficacy of dense denture cleanser tablet	Dr. Nandlal B	Pedodontics	JSSAHER & Group pharmaceuticals	3,65,000.00	1 year
3	Genomic studies to identify modifiers of beta thalassemia	Dr.Deepa Bhat	Anatomy, Peadiatrics	Medgenome	18,00,000.00	2 Years
4	Genetic analysis of Parkinson disease in the Indian population	Dr.Deepa Bhat	Anatomy Neurology	Medgenome	18,00,000.00	Case Based
5	Impact of use of oral Nutritional supplement on physical health, mental health & immune health in growing children at risk of under nutrition	Dr.Prashanth S N	Paediatrics Psychology	Sun pharmaceutical Industries Ltd.	5,26,350.00	1 year
6	Comparative study of Fast MRI based on AI. (Phase 4)	Dr. Rudresh Hiremath	Radiology	AIKNIEST	1,97,200.00	1 year
7	Post market clinical follow up of X-ray (Skandrad 400)	PI: Dr. Vikram Patil	Radiology	SKANRAY	2,36,250.00	1 year

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators	Study duration in months
1	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.	24
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
3	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr.Suma KB DR Srinivasa Murthy Dr Kusuma KS	06
4	Ionised magnesium level in children admitted to pediatric intensive Care unit at JSS Hospital, Mysuru	Pls: Dr Rajani H S, Dr Jagadish Kumar K	06
5	Ionised magnesium level in children with acute covid 19 infections And post covid mis - c admitted under Paediatric department at JSS Hospital, Mysuru	Pls: Dr Rajani H S, Dr Jagadish Kumar K	06
6	Reference range for whole blood ionized magnesium in healthy children Between 0-19 years of age.	Pls: Dr Rajani H S, Dr Jagadish Kumar K	06
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
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
9	Unrecognised ionised hypomagnesemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vishwanath,	12
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
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
12	Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti Dr.Sushma, Dr.Akila Prashant	06
13	Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK	06
14	Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha	12

JSS AHER Funded Projects – Ongoing

Sl. No.	Title	PI	Department	Amount sanctioned	Duration
1	Identification and estimation of potential biomarkers in serum(FOLATE and HOMOCYSTEINE) to Detect the severity of Alzheimers Disease: A case control study	Dr.Vidya C S	Anatomy	1,00,000.00	01 Yr.
2	Study of Renal Artery and its variations by Luminal Cast Method	Dr.RashmiGoshi	Anatomy	01 Yr.	2 Years
3	Coping up with dream course: A study of stress, stressor and coping strategies among 1st year medical students.	Dr.Pushpa N.B	Anatomy	80,000.00	2 years
4	“Anthropometry of cerebral palsy children at tertiary care teaching hospital”.	Ms. Sakshi Bhargava,	Anatomy	40000.00	2 Yrs
5	“Study of morphological histological and immunohistochemical changes of placenta in preeclampsia”	Dr.Pushpalatha K	Anatomy	25000.00	1 Yr
6	Does chocolate (cocoa beans) can regulate microglial activation and downstream signalling in neuro inflammation	Dr. Rajeshwari L	Physiology	50,000.00	01 year
7	“Evaluation of cytoprotective properties of vitamin D against nutrient- deprivation induced toxic effects in neuronal cells in vitro”	Dr. Ramya C M	Physiology	50,000.00	01 year
8	Changes in AKT signaling cascade in brain of diabetic mice with and without vitamin D treatment	Dr. Vijaya Vageesh Y	Physiology	50,000.00	01 year
9	Behavioral changes due to hyperglycemia in high fat diet and streptozotocin induced type 2 Diabetic Mice	Dr. Priya S A	Physiology	50,000.00	01 year
10	Delineating the mechanism(s) of cell death induced by Diallyldisulfide (DADS) in vitro	Dr. Sujatha P.	Biochemistry	50,000.00	02 Years
11	Association of genotypic pattern of obesity related genes with the cardiometabolic parameters among young adults with and without family history of obesity	Dr. Shobha C. R.	Biochemistry	50,000.00	02 Years
12	Genotypic characterization of Mycobacterium tuberculosis isolated from tuberculosis patients with and without diabetes	Mohammed Kaleemullah	Biochemistry	25,000.00	03 Years
13	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	Biochemistry	25,000.00	03 Years
14	Effect of vitamin D on oxidative stress induced changes in the glomerular basement membrane during diabetic nephropathy	Lavanya B R	Biochemistry	25,000.00	02 Years
15	Anti-cancer activity directed characterization of venom bio-molecules isolated from jellyfish, specific to the west coast of India	Dr. Devananda D	Biochemistry	50,000.00	01 Year
16	Development of facemask coated with curcumin to inactivate SARS-COV-2 and mitigate the spread of COVID-19	Rajesh Kumar T	Biochemistry	1,00,000.00	06 Months
17	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)	Biochemistry	5,00,000.00	02 Years

18	Association of gene polymorphism in obesity related genes and its association with histopathological prognostic factors, hormonal receptor status and Ki67 index in obese breast cancer patients	Mr. Adel Mohammed Saleh Ahmed	Biochemistry	25,000.00	03 Years
19	Role of core clock genes in Breast Cancer and their response to treatment	Ms. Supriya Bevinakoppamath	Biochemistry	25,000.00	03 Years
20	Regulation of oncogenic pathway by melatonin in breast cancer	Ms. Bhoomika Inamdar	Biochemistry	25,000.00	01 Year
21	Identifying the differentially expressed micro RNAs in healthy individuals and β -thalassemia patients	Sumayakausr S Kalaigar	Biochemistry	25,000.00	01 Year
22	Global DNA methylation leading to reduced adiponectin levels as an underlying mechanism for obesity in healthy adults	Syeda Meherunnisa	Biochemistry	25,000.00	01 Year
23	Developing a low-cost protocol for screening the newborns for spinal muscular atrophy using dried blood spot	Anju S	Biochemistry	25,000.00	01 Year
24	Evaluating blood netrin-1 level in colorectal cancer	Dr. Aradya H V	Biochemistry	1,00,000.00	2 years
25	Standardization and development of PCR-based assay for the identification of survival motor neuron (SMN) 1 gene deletion in spinal muscular atrophy (SMA)	Dr. Nemichandra S C	Biochemistry	1,00,000.00	2 years
26	Frequency of Y Chromosome Microdeletions in Infertile males	Anagha C S	Biochemistry	25,000.00	01 Year
27	The relationship of sorbitol dehydrogenase gene polymorphism and gene expression in Diabetic retinopathy"	Chandana K.M	Biochemistry	25,000.00	01 Year
28	The inter-relationship between the methylation pattern and expression of SOCS3 gene in the adipose tissue with the anthropometric measurements among adults	Kavya K R and Pojitha N	Biochemistry	25,000.00	01 Year
29	Association of vitamin D receptor (VDR) gene polymorphisms (TaqI) in mysore, karnataka	Yamini P	Biochemistry	25,000.00	01 Year
30	Association of vitamin D levels and vitamin D receptor (VDR) gene FokI polymorphisms in mysore, karnataka	Velita Dsouza	Biochemistry	25,000.00	01 Year
31	Interrelation of MAOA gene SNP (ID: rs6323) and aggression in men	Sacheta Kulkarni	Biochemistry	25,000.00	01 Year
32	Interrelation of MAOA gene SNP (ID: rs909525) and aggression in men	Shilpa SS	Biochemistry	25,000.00	01 Year
33	"Estimation of telomere length in Acute leukemia by qPCR"	Shrusti C C Gowda	Biochemistry	25,000.00	01 Year
34	"Estimation of telomerase activity in acute leukemia by RTQ-TRAP method"	Smitha Priya DSouza	Biochemistry	25,000.00	01 Year
35	To Evaluate & Correlate serum Vitamin D Levels & Antimicrobial Peptides in Saliva and Inverse Correlation with Inflammatory Cytokines in Dental Health Among patients with Metabolic Syndrome and Healthy Controls	Dr. Ashwini TS	Biochemistry	1,00,000.00	1 year
36	Comparative evaluation of Cardiovascular risk factors through Framingham's study (FHS) parameters in the individuals with long-term lifestyle(exercise) adoption of gym and yoga: a pilot study.	Dr. Ravi Shankar	Biochemistry	80,000.00	1 year

37	TCF7L2 gene susceptibility to type 2 diabetes and single nucleotide polymorphism in Vokkaliga community of Mysuru district	Deepthi N Gowda PG Student Biochemistry	Biochemistry	25,000.00	1 year
38	Single Nucleotide Polymorphism(SNPs) of KCNJ11 and adiponectin gene with susceptibility to type 2 diabetes in vokkaliga community of Mysuru	Ms. Lakshmi Nivedya PG Student Biochemistry	Biochemistry	25000.00	1 year
39	"A comparative study of inflammatory markers in elderly healthy and sarcopenic patients"	Ms.P.Sharon Rose 2nd Year M.Sc.,	Biochemistry	25,000.00	
40	Standardization of multiplex polymerase chain reaction for the detection of potential pathogens causing neonatal sepsis	Mr.Meghnath Dahal, 3rd Year, M.Sc., Student, JSS Medical College, BioChemistry	Biochemistry	25,000.00	
41	A Comparative analysis on serum zinc level in children with febrile seizure and febrile controls in JSS Hospital a tertiary care center	Ms.Sowmyashree K M M.Sc., Student Dept. of Biochemistry	Biochemistry	25,000.00	1 Yr
42	Role of SERPINE2 and TGF-B genes in COPD induced lung cell lines by cigarette smoke-extract.	Ms.Anunandini K, M.Sc., Student of Biochemistry, JSSMC, Mysuru	Biochemistry	25,000.00	1 Yr
43	Evaluation of antioxidant capacity of vitamin C enriched foods in human volunteers.	Ms.Miryala Bhanu Prakash, M.Sc., Student of Biochemistry, JSSMC, Mysuru	Biochemistry	25,000.00	1 Yr
44	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	Biochemistry	25,000.00	1 Yr
45	Evaluation of serum lipid peroxidation inhibition capacity in type 2 diabetic subjects and healthy subjects.	Ms.Gayathri G P & Mr.Gowtham B N,	Biochemistry	25,000.00	1 Yr
46	Evaluation of high-risk HPV E7 seropositivity amongst abnormal Pap smear reported women as a early biomarker	Ms.Prathima T C,	Biochemistry	25,000.00	1 Yr
47	Evaluation of circulating HPV-DNA in high risk HPV E6/E7 as biomarker for early detection of cervical cancer.	Ms.Sadiya M R,	Biochemistry	25,000.00	1 Yr
48	Study of gene expression of ADAM33 and CD147 genes in cigarette smoke-induced COPD lung cell lines	Mr.Akash M,	Biochemistry	25,000.00	1 Yr
49	Evaluation of circulating HPV protein in High risk HPV E6/E7 seropositive women as a biomarker for early detection of cervical cancer	Mr.Nithin E A,	Biochemistry	25,000.00	1 Yr
50	Evaluation vitamin c levels after administration of Vitamin C enriched foods in healthy human volunteers.	Ms.Aishwarya K M,	Biochemistry	25,000.00	1 Yr
51	Acomprehensive approach to explore the antidiabetic potential of bioactive peptides From colostrum	Dr A.M.Satish	Pharmacology	1,00,000.00	1 Yr
52	"A study on antidiabetic and probiotic potential of Lactobacillus isolates from food sources"	Dr Kalabharathi.H.L	Pharmacology	50,000.00	3years
53	Studies on cow colostrum bioactive peptides as amodulatorof peroxisome proliferator-activated receptor-γ targeting obesity & metabolic disorders	Dr Manu G	Pharmacology	50,000.00	36 months
54	"Development of antidiabetic bioactive peptides from cow colostrum"	Dr. Nagma Firdose	Pharmacology	50,000.00	18months

55	Assessing the effect of Oral Hypoglycemic Drugs on Advanced Glycation End Products (AGEP) among patients with Type 2 Diabetes Mellitus	Dr Bhaskar Phanindra	Pharmacology	25,000.00	6 months
56	"Antitumor activity of Nrf2 modulating factor of Anacyclus pyrethrum using EAC solid tumour model"	Dr.C.Akhila PG Student	Pharmacology	25,000.00	1 year
57	Whole genome sequencing of SARS-CoV-2 with correlation of disease severity among ICU patients and outpatients."	Dr.RanjithaShankare Gowda	Microbiology	76,640.00	6 months
58	Typing of MRSA in a tertiary care hospital by multiplex PCR method, South India	Dr. Tejashree A		50,000.00	6 months
59	Detection of Omicron variants in SARS COV-2 and its clinical Presentationamong COVID-19 patients	Dr. Vidyavathi B Chitharagi	Microbiology	55,000.00	6 months
60	Comparison of Sero-surveillance of Covid 19 among Health Care Workers(HCWs) and non HCWs	Dr. Rashmi P Mahale	Microbiology	50,000.00	6 months
61	Antimicrobial activity of fosfomycin and comparative evaluation of susceptibility testing methods against clinical isolates	Aneetta Susan Zachariah	Microbiology	25,000.00	1 year
62	Assessment of Procalcitonin And C-reactive protein in Prognosis of patients with Fever and respiratory tract Infection during covid-19 Pandemic	Apoorva S	Microbiology	25,000.00	1 year
63	Diagnostic utility of procalcitonin to determine Gram-negative, Gram-positive bacterial and fungal bloodstream infections	Apurba Anshuman Mishra	Microbiology	25,000.00	1 year
64	Assessment of procalcitonin as a marker of bacterial blood stream infection in Pediatric population	Bindu S	Microbiology	25,000.00	1 year
65	In vitro Synergistic activity of Fosfomycin-Colistin against Carbapenem resistant Klebsiella pneumonia	Chethankumar P	Microbiology	25,000.00	1 year
66	Genotyping and Geo-spatial mapping of dengue genotypes from a tertiary care hospital situated in Mysore, south India	Chinchana E S	Microbiology	25,000.00	1 year
67	Detection of Clostridioides difficile toxin from diarrhea patients in a tertiary care hospital, Mysuru	Gloris Joseph	Microbiology	25,000.00	1 year
68	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	Microbiology	25,000.00	1 year
69	Genetic characterisation of VRE isolated from diabetic foot ulcer in a tertiary care hospital Mysuru	Greeshma	Microbiology	25,000.00	1 year
70	To detect the Rate of Multi-drug Resistant Gram-negative bacterial infections in a tertiary care hospital	Kavya V	Microbiology	25,000.00	1 year
71	Drug resistance among pulmonary tuberculosis patients and their treatment outcome	Madhuri R	Microbiology	25,000.00	1 year
72	Detection of biofilm forming multi drug resistant uropathogens with special reference to diagnostic stewardship in urinary tract infections	Mallikarjun Swamy S	Microbiology	25,000.00	1 year

73	Study of bacterial respiratory pathogens among patients with fever and respiratory symptoms	Monica N	Microbiology	25,000.00	1 year
74	Evaluation of direct susceptibility testing in positive blood cultures for timely detection of antibiotic resistance	Morrow Minteh	Microbiology	25,000.00	1 year
75	Phenotypic characterization of dermatophytes and comparison of disc diffusion and E strips for antifungal susceptibility testing among dermatophytes	Nayana G	Microbiology	25,000.00	1 year
76	To detect Biofilm forming capacity among MDR <i>Acinetobacter baumannii</i>	Nidha Jamal A	Microbiology	25,000.00	1 year
77	Clinico bacteriological study of diabetic foot in a tertiary care hospital with correlation of culture based treatment and clinical outcome	Reshma Hari	Microbiology	25,000.00	1 year
78	In -vitro effect of Colistin on Vancomycin susceptibility against Methicillin resistant <i>Staphylococcus aureus</i>	Sahana A P	Microbiology	25,000.00	1 year
79	Latent TB infection among health care workers and their risk factors in a tertiary care hospital situated in mysuru, south india: A cross sectional observational study	Sahira Banu	Microbiology	25,000.00	1 year
80	Use of Ceftazidime-Avibactam as a therapeutic option for Multi-drug resistant Gram-negative blood stream infection based on its susceptibility profile	Sreejth R	Microbiology	25,000.00	1 year
81	Evaluation of ELFA in diagnosis of early dengue infection among suspected cases of Acute febrile illness attending a tertiary care hospital	Srividya M S	Microbiology	25,000.00	1 year
82	Genetic characterisation of MRSA isolated from diabetic foot ulcer in a tertiary care hospital Mysuru	Veerabhadra Swamy	Microbiology	25,000.00	1 year
83	“Comparison of antimicrobial susceptibility testing methods for colistin against carbapenem resistant Enterobacteriaceae in a tertiary care hospital of Southern India”.	Dr. Deepashree R, Assistant Professor,	Microbiology	50,000.00	1 Yr
84	“Development of hand held device for diagnosis of Tuberculosis in rural areas using Nano-pore technology”.	Dr. M N Sumana, Professor,	Microbiology	50,000.00	3 Yr
85	“Molecular detection of mcr genes among the clinical isolates of Multidrug resistant <i>Pseudomonas aeruginosa</i> ”.	Dr.Teashree A Professor	Microbiology	50,000.00	1 Yr
86	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	Microbiology	25,000.00	1 Yr
87	To Investigate Long-Term Impact Of Air Pollution On Airway Remodeling And Aging Of Lungs In Healthy Urban Population Of South India	Dr.Chandrakanth HV	Forensic Medicine	50,000.00	2 yrs
88	Comparative study of cardiovascular changes using echocardiography and BNP among hypertensive and normotensive pregnant women -	Dr Soumya Patil,	OBG	50,000.00	1 Year
89	“Standardization and development of PCR-based assay for the identification of Survival motor neuron (SMN) 1 gene deletion in Spinal muscular atrophy (SMA)”	Dr Anju	Neurology	1,00,000.00	1Year

90	“Carotid artery hemodynamic alterations in patients with sleep disorders”	Dr.Shasthara P	Neurology	50,000.00	1 Year
91	Response to targeted phototherapy post-melanocyte graft in vitiligo patients and its relation with DLQI and depressive symptoms	Dr. Ashwini P K,	Dermatology	50,000.00	18 Months
92	Early detection of breast cancer is associated with matrix metalloproteinase-9 MMP-9 and interleukin-8 (IL-8) IL-8.	Dr.Nandini N M,	Pathology	25,000.00	1 Yr
93	Prevalence and factors associated with scoliosis among school children in Mysuru District, Karnataka	Dr.Nimisha Bhatu, MPH Student, JSSMC, Mysuru MPH	Community Medicine	25,000.00	1 Yr
94	A Crossectional study on the relationship between dental fluorosis and fluoride level in water among school children in private schools of chamarajanagar district, Karnataka	Ms.Midhuna lype, MPH Student, JSSMC, Mysuru	Community Medicine	25,000.00	1 Yr
95	Aedes aegypti adult-larval indices and the risk of dengue transmission in selected wards of Mysuru city, Karnataka	Mr.Shantanu Shrivastava, MPH Student, JSSMC, Mysuru	Community Medicine	25,000.00	1 Yr
96	The Evaluation of vitamin D receptor (VDR) gene polymorphism and its association with bone mineral density changes in type II diabetes mellitus in male patients: A pilot study	Dr.UmaShivanal Sr.Resident, Dept. of Anatomy JSS MC, Mysuru	Anatomy	1,69,500.00	01 Yr.
97	Association of ESR2 gene polymorphism with pre-menstrual syndrome in women of Mysuru region	Ms.SaabiaSakkeer M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
98	Investigating the frequency of (rs179’853 and rs157910) among Phenytoin therapy resistant refractory epilepsy patients in Mysuru	Ms. Spoorthi B S M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
99	Assessment of genotypic and allelic frequency of VKORC1 rs9923231 and rs99344381 in the healthy population of Mysuru”	Ms.Meghana P Raman M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
100	Delineating the genetic factors responsible for Phenytoin drug resistance in epilepsy patients in .Mysore”	Ms.Brunda M M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
101	Assessment of the genotypic and allelic frequency of CYP2C9 [rs1057910 and rs1799853] in the healthy population of Mysuru”	Ms.Jayashree N Hegade, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
102	Association of ESR1 gene polymorphism with Pre-Menstrual Dysphoric disorder in South Indian women	Ms. Shuchi O C M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
103	Effect of Hyperglycemia on the expression of DNA Methylation and DNA Hydroxyl-Methylation Enzymes in skeletal muscles”	Ms. Parika Kala M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
104	Correlation of DNMT1 and lipid profile in healthy obese individuals”	Ms. Sindhu S and TasmiyaArbeen M M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year

105	Role of IL.6 in myogenic differentiation and its effect on methyl-transferases	Ms. RajashriMundada, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	Medical Genetics	25,000.00	1 year
106	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	Medical Genetics	25,000.00	1 year
107	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	Medical Genetics	25,000.00	1 year
108	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	Medical Genetics	25,000.00	1 year
109	Aedes aegypti adult-larval indices and the risk of dengue transmission in selected wards of Mysuru city, Karnataka	Mr.Shantanu Shrivastava, MPH Student, JSSMC, Mysuru	Community Medicine	25,000.00	1 year
110	A Crossectional study on the relationship between dental fluorosis and fluoride level in water among school children in private schools of chamarajanagar district, Karnataka	Ms.Midhuna lype, MPH Student, JSSMC, Mysuru	Community Medicine	25,000.00	1 year
111	Prevalence and factors associated with scoliosis among school children in Mysuru District, Karnataka	Dr.Nimisha Bhatu, MPH Student, JSSMC, Mysuru	School of Public Health	25,000.00	1 year
112	Menopause symptoms and perceived social support among rural women of Mysuru, Karnataka.	Dr.Divya K L &Dr.K.Nimithamohan MPH Student, JSS School of Public Health JSSMC, Mysuru	School of Public Health	25,000.00	1 year
113	Non-auditory effects of noise pollution on traffic police personnel of Mysore city	Mr.Onkar Yadav N MPH Student, JSS School of Public Health JSSMC, Mysuru	School of Public Health	25,000.00	1 year
114	A quality Study on the teachers perspective of substance abuse among school students	Ms.Rose Kurian MPH Student, JSS School of Public Health JSSMC, Mysuru.	School of Public Health	25,000.00	1 year
115	Association of air pollution and non-communicable disease among traders community working around polluted roads in Mysuru: An analytical cross-sectional study	Ms.Chandana H N MPH Student,JSS School of Public Health JSS Medical College Mysuru	School of Public Health	25,000.00	1 year
116	Comparison of ophthalmic artery doppler velocimetry changes in patients with hypertensive disorders of pregnancy versus normotensive pregnant women in third trimester of pregnancy.	Dr.Suma K B Professor of OBG JSSMC & Hospital, Mysuru	OBG	1,00,000.00	1 year

Research Projects – ICMR-STS (UG Student Research Projects) –Ongoing

Sl. No.	Title	Name of the student	Year	Guide	Department	Amount
1	Cognitive responses to acute water ingestion and its correlation with hydration status	Ms. Nimrah Rehman	3rd year (6th term)	Dr Priya S A	Physiology	50,000.00
2	COVID-19 Infection Outcome among Vaccinated and Unvaccinated Individuals During Second and Third Wave of the Pandemic - A Cross-Sectional Retrospective Study	Vatsala Verma	8th term ; Final year	Dr. M. Raghavendra Rao	Microbiology	50,000.00
3	Effectiveness of multimodal intervention to improve blood culture collection in a tertiary care hospital	Isha Aniruddha Kumthekar	6th term (3rd year)	Dr. Tejashree A	Microbiology	50,000.00
4	Multi-modal capacity building strategy to improve Biomedical waste management practices at Primary health care centres	Dhamini S	4th term ; 2nd year	Dr Sowmya G S	Microbiology	50,000.00
5	An insight to covid 19 reinfections and it's correlation with vaccination status	Varuni Makam	3rd year, 6th term	Dr.Vidyavathi B C	Microbiology	50,000.00
6	A multimodal approach for prevention of ventilator associated pneumonia- A study from a tertiary care hospital in South India.	Nimisha Sinha	6th term (3rd year)	Dr Deepashree R	Microbiology	50,000.00
7	Clinicopathological spectrum of renal diseases in diabetics in a south Indian Tertiary care centre	Subhradeep Dhar	4th year (8th term)	Dr Suchitha S	Pathology	50,000.00
8	Effect of online classes *on refractive error progression * among school children during the COVID-19 pandemic	Ms. Sejal Agarwal	4th year (8th term)	Dr.Shwethashree M	Community Medicine	50,000.00
9	Prevalence of Frailty and its association with Vitamin D, Calcium deficiency and nutritional status among elderly residing in Tribal areas of Mysuru, Karnataka	Mr. Vishal Juneja	3rd year (6th term)	Dr Praveen Kulkarni	Community Medicine	50,000.00
10	Prevalence and role of sociodemographic variables, Family planning services, Gender preferences and Decision making on Sterilization Regret among Women in Urban, Rural and Tribal areas.	Ms. Palak Talwar	4th year (8th term)	Dr Smitha MC	Community Medicine	50,000.00
11	Geo-spatial mapping of Interstitial Lung Diseases diagnosed in a tertiary care hospital and finding the role of occupation in the causation. A Cross-sectional survey	Sruthi Konduri	4th year (8th term)	Dr. Nayana Shabadi	Community Medicine	50,000.00
12	Contact lens, case and solution related microbiological evaluation in Healthcare providers and medical students	Ms Utkarsha Bharadwaj	4th year (8th term)	Dr Bindu Malini	Ophthalmology	50,000.00

13	Comparison of clinical severity and epidemiological spectrum of SARS-COV-2 and co-infections in children from ages 2 months to 18years	Ritik Raj	4th year (8th term)	Dr.Prajwala Hassan Vasudev	Paediatrics	50,000.00
14	A comparative cross sectional study evaluating association between sleep wake cycle impairment in diabetic and non diabetic patients who suffered from COVID - 19 infection	Vibhuti Bhardwaj	8th Term , Final year	Dr.Manthappa M	Gen Medicine	50,000.00

Clinical Trials

Sl No.	Principal Investigator	Department	Client organization	Amount re- ceived
				(in Rs)
1	Dr Gurudatt C L	Anaesthesia	Abiogenesis Clinpharm Pvt Ltd	60,750
2	Dr Gurudatt C L	Anaesthesia	Abiogenesis Clinpharm Pvt Ltd	53,197
3	Dr Deepthi Thandaveshwara	Paediatrics	CBCC Global Research LLP India	54,000
4	Dr Deepthi Thandaveshwara	Paediatrics	CBCC Global Research LLP India	10,000
5	Dr Sunil Kumar S	Cardiology	Center for Chron	108,000
6	Dr T S S Rao	Psychiatry	Clianta Research Ltd	343,366
7	Dr T S S Rao	Psychiatry	Clianta Research Ltd	72,188
8	Dr T S S Rao	Psychiatry	Clianta Research Ltd	120,441
9	Dr Praveen Kulkarni	Com Medicine	PPD Pharmaceuticals	1,815,887
10	Dr Akshay H M	Anaesthesia	Syngene International Pvt. Ltd	108,000
11	Dr Prathiba Pereira	Geriatrics	Bharath Biotech International Ltd	108,000
12	Dr T S S Rao	Psychiatry	Clianta Research Ltd	72,684
13	Dr Praveen Kulkarni	Community Medicine	PPD Pharmaceuticals	129,600
14	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd	112,022
15	Dr Narayanappa D	Paediatrics	GlaxoSmithKline (GSK)	405,000
16	Dr Prathiba Pereira	Geriatrics	JSS Medical Research India Pvt.Ltd	219,427
17	Dr Prathiba Pereira	Geriatrics	JSS Medical Research India Pvt.Ltd	86,364
18	Dr T S S Rao	Psychiatry	Clianta Research Ltd	114,312
19	Dr T S S Rao	Psychiatry	Clianta Research Ltd	35,046
20	Dr T S S Rao	Psychiatry	Clianta Research Ltd	167,178
21	Dr Praveen Kulkarni	Community Medicine	PPD Pharmaceuticals	162,900
22	Dr T S S Rao	Psychiatry	Clianta Research Ltd	112,983
23	Dr T S S Rao	Psychiatry	Clianta Research Ltd	167,809
24	Dr Veeranna S	Dermatology	GlaxoSmithKline (GSK)	264,600
25	Dr T S S Rao	Psychiatry	Clianta Research Ltd	188,197
26	Dr Praveen Kulkarni	Com. Medicine	PPD Pharmaceuticals	32,400
27	Dr Mahesh P A	Pulmonology	Paraxel International Pvt Ltd	24,375.60
28	Dr Soumya H V	Ophthalmology	Iqvia RDS(India) Pvt. Ltd	202,662
29	Dr Narayanappa D	Paediatrics	GlaxoSmithKline (GSK)	560,768.40
30	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd	394,592
31	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd	483,327
32	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd	146,931
33	Dr T S S Rao	Psychiatry	Clianta Research Ltd	357,193
34	Dr M D Ravi	Paediatrics	Labcorp Drug Development	64,800

35	Dr Jayaraju B S	Pulmonology	SIRO Clinpahram Pvt.Ltd	157,793
36	Dr T S S Rao	Psychiatry	Clianta Research Ltd	101,816
37	Dr T S S Rao	Psychiatry	Clianta Research Ltd	284,489
38	Dr.Ravikumar Y S	General Medicine	IQVIA	108,000
39	Dr M D Ravi	Paediatrics	IQVIA	270,405
40	Dr M D Ravi	Paediatrics	Diagnosearch Pvt Ltd	623,862
41	Dr Subhash Chandra B J	General Medicine	Diagnosearch Pvt Ltd	256,690
42	Dr M D Ravi	Paediatrics	IQVIA	247,896
43	Dr.Ravikumar Y S	General Medicine	IQVIA	107,461
44	Dr Ramaswamy Subramanian	Rheumatology	Klinera	71,874
45	Dr Subhash Chandra B J	General Medicine	Diagnosearch Pvt Ltd	149,260
46	Dr.Ravikumar Y S	General Medicine	IQVIA	108,000
47	Dr M D Ravi	Paediatrics	IQVIA	270,405

RESEARCH PROJECTS - COMPLETED

Sl. No	Title	Principal Investigator	Departments Involved	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	General Medicine, Community Medicine, Institute of Public Health	ICMR Major Project	75,00,000	03Years
2	Burden of Vaso-Occlusive pain crisis: A Cross-sectional Observational Study Among Patients with Sickle Cell Disease in India (B-VOCAL SCD) with Novartis IndiaB VOCAL SCD Study (Sickle cell Disease	Dr.Deepa Bhat	Anatomy, Hospital Administration, VMH Sargur, JSS Hospital Chamaraja Nagara	MOU Agreement, Novartis (Vendor Sekmet Technologies)	2 Lakh	8 Months
3	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	Community Medicine Physiology	DST-SATYAM	5,50,000.00	01 year
4	Understanding the role of Vitamin D on Glomerular Basement Membrane (GBM) constituents during diabetic nephropathy	Dr. Paramahans Salimath	Physiology Biochemistry General Medicine	DST-SERB	51.30	3 years
5	Evaluation of methylglyoxal as an etiopathogenic factor and vitamin B6 as a preventive treatment for presbycusis: A prospective, placebo-controlled, open-label, randomized trial	Dr Jayanthi MK	Geriatrics Biochemistry Audiology Pharmacology	JSS AHER	-	6 months
6	Capacity building of infrastructure and human resource for conducting covid vaccine clinical trial and Immunogenicity as per GCP guidelines	Dr H Basavanagowdappa	Geriatrics General Med Com Medicine Pediatrics	BIRAC	176.92 Lakhs	12 Months

7	Study to evaluate effectiveness of BCG in reducing morbidity and mortality in elderly individuals in Covid-19 Hotspots in India	Dr.Pratibha Pereira	Geriatrics	ICMR		6 Months
8	Phase 3, Observer blind, Randomized, Active-Controlled Trial Evaluating the Immunologic Non-inferiority, Safety and Tolerability of a 15-valent pneumococcal Conjugate Vaccine Compared to a 13-valent Pneumococcal Conjugate Vaccine in Healthy Infants Given with Routine Pediatric Vaccinations.	Dr.Deepthi Thandaveshwara (PI)	Paediatrics	CBCC	22 lakhs	1 year
9	Oxygen requirements and approaches to respiratory support in patients with COVID 19 in low and middle income countries	Dr Anil Banimale	PSM Medicine Pediastrics ENT	WHO	23,43,390 RS	5 Months
10	A multicentre single arm non-comparative Phase-III study to evaluate the safety and tolerability of single intramuscular dose of Biological E's Vi-capsular Polysaccharide-CRM197 Conjugate Typhoid Vaccine in ≥6 months old infants to <64 years old adults.	Dr M D Ravi	Pediatrics Medicine	Biological E Limited	14,19,013	3 years
11	A single blind randomised active-controlled Phase-III study to evaluate immunogenicity, safety, tolerability of a candidate 14-valent pneumococcal polysaccharide conjugate vaccine administered to 6-8 weeks old healthy Indian Infants in 6-10-14 weeks dosing schedule.	Dr M D Ravi	Paediatrics	Biological E Limited	7,95,466	3 years
12	A Prospective, Post market, Non-Interventional Observational, Open Label, Single Arm, Single Centre Study to Validate the Clinical Safety and Performance of MicroSCAN.	Dr. Vikram Patil	Radiology	SKAN RAY	1, 85,000/-	2 year
13	A Prospective, Post market, Non-Interventional Observational, Open Label, Single Arm, Single Centre Study to Validate the Clinical Safety and Performance of SCAN C.	Dr. Vikram Patil	Radiology	SKAN RAY	1, 85,000/-	1 year 6 months
14	A Prospective, Post market, Non-Interventional Observational, Open Label, Single Arm, Single Centre Study to Validate the Clinical Safety and Performance of SKAN MOBILE.	Dr. Vikram Patil	Radiology	SKAN RAY	1, 85,000/-	1 year

15	Prospective ,multicentric,open label,post marketing observatinal study to evaluate the effectiveness and safety of prochlorparazine in patients with acute vertigo	Dr.Bharathi M.B.	Multicentric study			
16	An Open-Label, Randomized, Multicenter, Multiple-dose, Two-treatment, Single-period, Parallel, Steady State Bioequivalence Study of Paliperidone Palmitate Extended-Release Injectable Suspension 156 mg of Mylan Laboratories Limited, India and INVEGA SUSTENNA® (Paliperidone Palmitate) Extended-Release Injectable Suspension 156 mg of Janssen Pharmaceuticals, Inc. Titusville, NJ 08560 in Subjects with Schizophrenia under Fasting Condition.	Dr.T.S.S Rao		Mylan Laboratories	15 Lakhs	2 years
17	Sexual Abuse among Nursing Students and its correlation to coping Skills and Psychiatric morbidity	Co-PI- Dr.Kishore.M		RGUHS	0.5 La	2years
18	Low Dose Ketamine Infusion Versus Thoracic Epidural infusion for post Thoracotomy Analgesia	Dr.Murugesh Wali	CTVS/ Cardiac Anaesthesia	-	-	2 years
19	Effectiveness of yoga based cardiac rehabilitation (Yoga-CaRe) in heart failure : A Randomized controlled clinical trail (Yoga-CaRe-Heart Failure Trail	Dr. Sunil Kumar S	Cardiology, Medicine & Geriatric	ICMR Task force (By CCDC,New Delhi)	-	-
20	Treatment optimisation fro blood pressure with single pil combination in India (TOPSPIN)	Dr. Sunil Kumar S	Cardiology, Geriatric and Medicine	Imperial college of London Collabarator CCDC (UK), New Delhi	Rs. 11, 000/- per patient (Target 120 patients)	18 months
21	Post-market clinical data Analysis with Skanray's defibrillators	Dr. Manjappa M	Cardiology,&EMD	Skanray	5Lakhs	1Year
22	To study the correlation between serological profile and histopathology in new onset lupus nephritis	Dr. Srinivas.K	Nephrology			
23	Profile of AKI in critically ill covid patients admitted to intensive care unit	Dr.Raghavendra.B.L	Nephrology			
24	Study of prevalence of LV systolic dysfunction by Speckled tracking echocardiography and its correlation with soluble ST2 levels in CKD patients	Dr.Naman Chandra	Nephrology			
25	Incidence and profile of AKI among hospitalized geriatric patients	Dr.Archit Mithal	Nephrology			

PATENT DETAILS

Sl. No.	Name & Designation	Patent Title	Consultant	Patent Application No.	Filed	Granted
1	Dr.Akila Prashant, Anshu Kumar Yadav, Dr. Prashant Vishwanath, Dr. Suma MN, Dr. Devananda D	Multiplex PCR assay with cocktail of primer mix to identify pathogenic bacteria causing neonate sepsis	Cintelligence Services	202041015935	13-04-2020	Under examination
2	Rajesh Kumar Thimmulappa (Associate Professor), Devanand Devegowda (Assistant Professor) and Pushkal Sinduvadi Ramesh (Ph.D. Scholar)	Method for predicting prognosis and guiding treatment de-escalation in HPV positive head and neck cancers	Cintelligence Services	202241012389 A	07.03.2022	Under examination
3	Rajesh Kumar Thimmulappa (Associate Professor), Devanand Devegowda (Assistant Professor) and Pushkal Sinduvadi Ramesh (Ph.D. Scholar)	Method to inhibit NRF2 activity using HPV E6/E7 for sensitizing to chemoradiotherapy	Cintelligence Services	202241014944 A	17.03.2022	Under examination
4	Dr.Srinivasamurthy	Feed Rail Automated Gravity Feeding Device for Premature Infants	M/s ALMT Legal, Bangalore	201741010900 – 2019-20 Published 14/04/2017	14/04/2017	Under examination
5		A portable and simple to operate continuous positive airway pressure (CPAP) apparatus for neonates	M/s ALMT Legal, Bangalore	201841018247 – 2019-20	22-11-2019	15-06-2019
6		Self-contained and portable life support system	M/s Innomantra Consulting services Pvt. Ltd.	202141008355 – 2020-21	2020-21	Under examination
7		Tele-PAG: Telescopic pediatric adjustable gastrostomy tube	M/s Innomantra Consulting services Pvt. Ltd.	201741010901 – 2021-22 Published 14/4/2017	14-04-2017	Under examination
8	Dr. Sushma K	A phototherapy device	M/s Innomantra., Mysuru	202141013556 - 2021-22 Filed	30-09-2022	Under examination
9	Dr Amulya T.M.	Mouth wash for managing radiation induced oral mucositis in patients with head and neck cancer	Nitte University	201941035547	21-02-2020	Under examination
10	Dr. Devanand D Dr Shashanka K Prasad	Anticancer composition & a method of preparation thereof	National Biodiversity Authority, Chennai	202241041217 A	19-07-2022	Under examination
11	Rajesh Kumar Thimmulappa (Associate Professor), Ms Kavyasugar	Method for Cardio Vascular Risk assessment in Diabetic Patients	ICMR	202211071150	09-12-2022	Under examination

Research Collaboration

SI 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
Biochemistry						
3	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
4	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
5	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
6	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

	Pharmacology					
7	Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare	Cancer Biology	3. To collaboratively undertake research on finding novel drug targets, isolation of compounds of medicinal value from herbal products. 4. 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 PhD	Shivagutika capsules are supplied Each bottle costs Rs 500 for 50 capsules	MOU
8	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 entities	Ongoing	--	MOU
	Pathology					
9	JSS Science and Technology	Artificial Intelligence	Automatic tool for generation of electronic health records for breast carcinoma using pathology information	-----	Nil	MOU
10	JSS Science and Technology	Artificial Intelligence	Normalization and Classification of Histopathology Electronic Health Records on Breast Cancer Using NLP and ML Approaches	-----	Nil	MOU
	Microbiology					
11	Kempegowda Institute of Medical Sciences	Genomic AMR Surveillance of WHO priority Bacterial Pathogens in India	To Provide actionable data at national and international levels to identify high-risk lineages of bacterial pathogens and determinants of antibiotic resistance, and open-access tools to understand their distribution and spread.	Ongoing	NIHR-BIRAC-DBT Project	MOU
12	Karuna Trust an NGO	Community-centered health system strengthening for outpatient antimicrobial stewardship with Replicating Effective Programs Framework	To change the prescription practices of antibiotics at Primary Health care levels of Tithimathy, Sreemangala and Gumballi villages	Ongoing	Rs 35,00,000/-	MOU

Community Medicine						
13	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
14	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						
15	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
16	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

17	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
18	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
19	University of Boston	Impacts of Heat Stress on Maternal and New-born Health Outcomes in India, and Adaptations to Improve: An Interventional Study	To map heat wave vulnerable areas in three districts of Karnataka state with different climatic zones and evaluate the pre-selected low-cost sustainable exterior architectural interventions in existing residential buildings to reduce indoor heat. To assess the effectiveness of exterior architectural interventions to reduce indoor heat and improve the health outcomes of mother and child residing in heat wave vulnerable areas in Gulbarga, Mangalore and Mysore.	Heat Exposure Interventions for Gestational and Neonatal Health Improvements in India project proposal submitted to Wellcome Trust	Project	MOU
20	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

Radio-Diagnosis						
21	Nesa MedTech	Uterine fibroids	RFA of Fibroid	Development of new method for treatment of Fibroids is being tested on specimens.	DBT	Collaborative Research Agreement
22	iMERA.AI (UK)	AI	Efficacy of deep learning algorithms in reporting MSK Radiographs	Development of Software is going on	10Lakshs Grant	Collaborative Research Agreement
23	Aikenist	AI	Fast MRI	Evaluation going on	Free software provided	Collaborative Research Agreement
Dermatology						
24	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						
25	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter	Ongoing research project	--	--
26	Indian Institute of Technology- Bombay (IIT-B), Mumbai (MOA)	Air pollution and lung function	Lung function in children and effects of long term exposure to traffic induced pollution	Ongoing research	--	MOA
Urology						
27	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						
28	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						
29	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

PUBLICATIONS

1. Sangeetha S R, Manoj K Pandey. Demographic and occupational correlates of job satisfaction and work efficiency in police personnel. *High Technology Letters*. 2022 Jul;28(4):202-215.

2. Sidharth Kumar Sethi., Rupesh Raina., Abhyuday Rana, Naveen Bajaj, Naveen Parkash Gupta, Jyoti Bagla, Dr Sushma K, Ananth Konapur, Divya Sharma, Timothy Bunchman, Sanjay Wazir. Validation of the STARZ neonatal acute kidney injury risk stratification score. *Pediatr Nephrol*. 2022 Aug;37(8):1923-1932

3. Dushad Ram, Navya Spurthi Thatikonda, Dr Sathyanarayana Rao T.S, Padma Sudhakar Thatikonda. Sexual Dysfunction in Women with Nonpsychotic Disorders: A Cross-sectional Hospital-based Study. *Indian J Psychol Med*. 2022 Sep;44(5):445-451.

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5. Binesh Balachandran., Khalid Alhasan, Rupesh Raina, Jagdish Sahoo, Naveen Bajaj, Shishir Mirgunde, Sidharth Kumar Sethi, Dr Sushma K. Risk factors and outcomes of neonates with acute kidney injury needing peritoneal dialysis: Results from the prospective TINKER (The Indian PCRRT-ICONIC Neonatal Kidney Educational Registry) study. *Peritoneal Dialysis International*. 2022 Sep;42(5):460-469.

6. S Sah, S R, Dr Ramesh Madhan. Impact of Clinical Pharmacist Interventions on Patients' Quality of Life and Medication Adherence Among Rheumatoid Arthritis Patients. *Value in Health*. 2022 July;25(1):S553.

7. Keya Das, Dr Sathyanarayana Rao T.S. Love, Veritably—A Mélange of Love, Intimacy, Attraction, and Sensuality. *Journal of Psychosexual Health*. 2022 July;4(3):196-202.

8. Pushkal Sinduvadi Ramesh, Avinash Shetty, Veena Shetty, Rahul Vyas, Ruthvik Satishchandra, Arun Brunda., Dr Suma K.B, Dr Suma M.N, Dr Devananda Devegowda. High-risk Human papillomavirus 16/18 in oral mucosa and cervix of sexually active women: A comparative pilot study using conventional nested PCR and an in-house real-time PCR. *Journal of Clinical Virology Plus*. 2022 Nove;2(4):100105.

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11. Deepak Anil, Vadaga Vijaylakshmi Rao, Shabeena Akbar, Dr. Sunil Kumar D, Dr Narayana Murthy M.R. Vaccine coverage among the people of Mysuru, Karnataka, India following the second wave of COVID-19: a cross-sectional study. *Global journal of medicine and public health*. 2022 Aug;11(2):1-7.

12. Vivek Anand Ojha, Amit Ranjan, Poornima A M, Dr Akila Prashant. Quality indicators to quality reports: Comparative study of two clinical biochemistry laboratories from Southern India, a cross sectional study. *International Journal of Health Sciences*. 2022 6(s6):3262.

13. Anjali Mary Jibi, Dr Vijaya B. Study of Podoplanin Expression in Head and Neck Squamous Cell Carcinoma. *Iran J Pathol*. 2022 Summer;17(3):275-284.

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16. Dr Rashmi N, Keerthana Srinivas, Dr Prajwala H.V, Dr Ravi M.D.Hematochezia in a 6-year-old girl: An unusual cause. *Indian Journal of Case Reports*. 2022 Aug;8(8):237-239.
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26. Rare complication of doxorubicin-induced complete heart block in a patient with Hodgkin's lymphoma: a case report. *European Journal of Hospital Pharmacy: Science and Practice*. 2022 Sep;0:1–4.
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4

QUALITY EDUCATION



**Ensure
inclusive
and equitable
quality
education
and promote
lifelong
learning
opportunities
for all**



**“We want that education
by which character is
formed, strength of
mindd is increased, the
intelect iss expanded,
and by which one can
stand on one’s own
feet.”**

-Swami Vivekanaanda

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ABOUT THE SDG

The most important social indices that contribute significantly to the overall socio-economic growth of a nation are education and literacy. One of the most effective means for helping people escape poverty and actively engage in their communities is education. Sustainable development is dependent on high-quality education. SDG 4 provides a thorough framework for achieving inclusive and equitable quality education for everyone while establishing specific targets to address the difficulties in achieving high standards of education worldwide. All women and men must have equitable access to affordable, high-quality technical, vocational, and tertiary education, including higher education. Vocational training must be expanded, gender discrepancies in education must be eliminated. SDG 4 places a welcome emphasis on the learning outcomes in addition to enrolment rates. It also aims to create and improve child, disability, and gender-sensitive educational facilities that offer secure, nonviolent, inclusive, and productive learning environments for everyone. A renewed focus is on learning outcomes and their enablers, including learning in safe and adequate environments, supported by well-trained teachers and structured content.

OUR EFFORTS AT GLANCE



- ✓ **Inclusive and effective learning environment - disability and gender sensitive.**



- ✓ **Value Added Programmes.**
- ✓ **Adequate infrastructure and learning resources.**



- ✓ **Student support initiatives and mentorship.**



- **Professional enrichment for the teachers.**
- **Regular upgradation of curriculum.**
- **Innovative teaching learning methods.**



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

CONTENT



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INFRASTRUCTURE AND LEARNING RESOURCES



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AWARDS AND ACHIEVEMENTS



COLLABORATIONS



ACADEMIC / ADJUNCT FACULTY VISIT



PROGRAMS ORGANISED & ATTENDED



LECTURES DELIVERED & CONDUCTED



TEXTBOOK / CHAPTER AUTHORED BY FACULTY

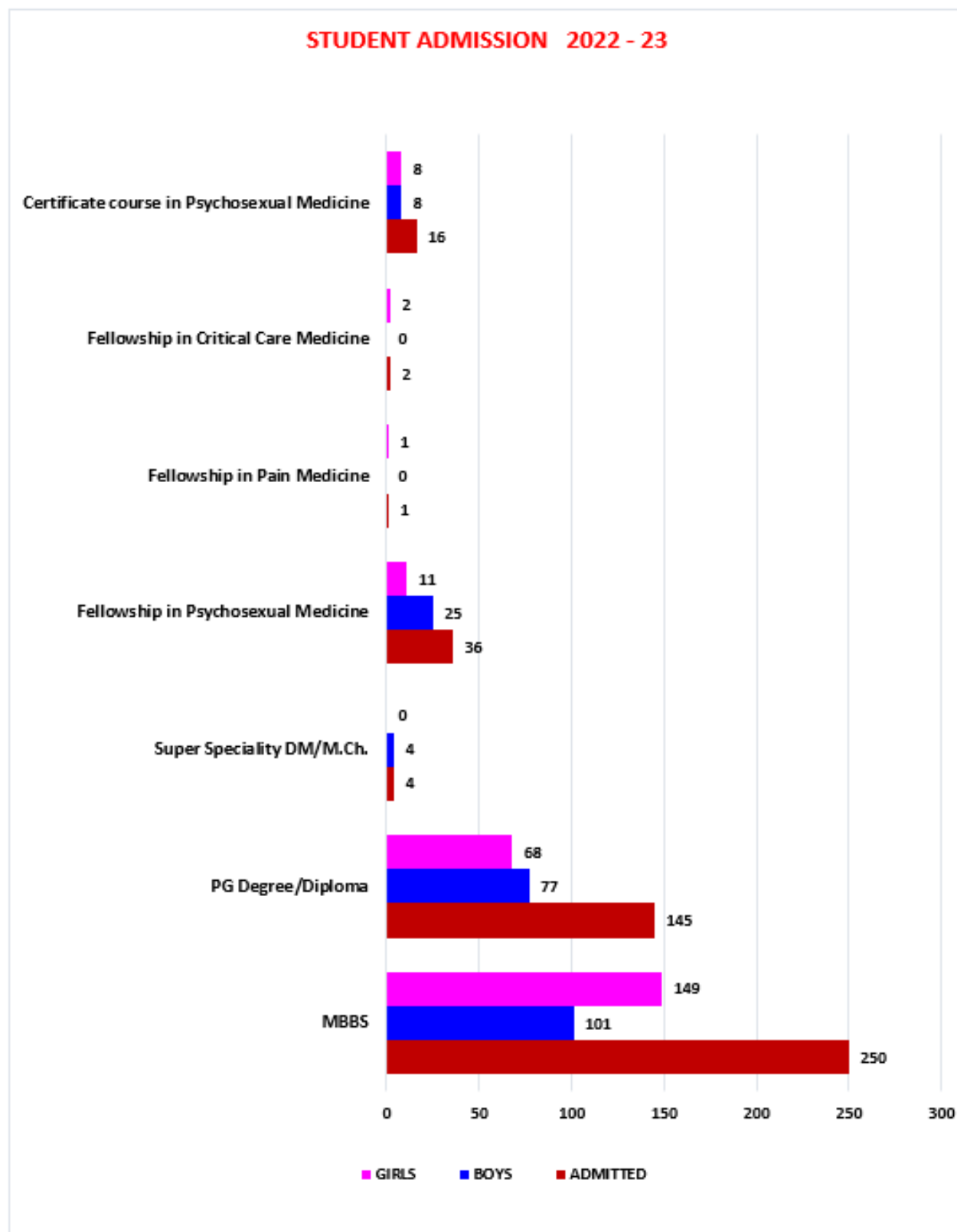


PUBLICATIONS

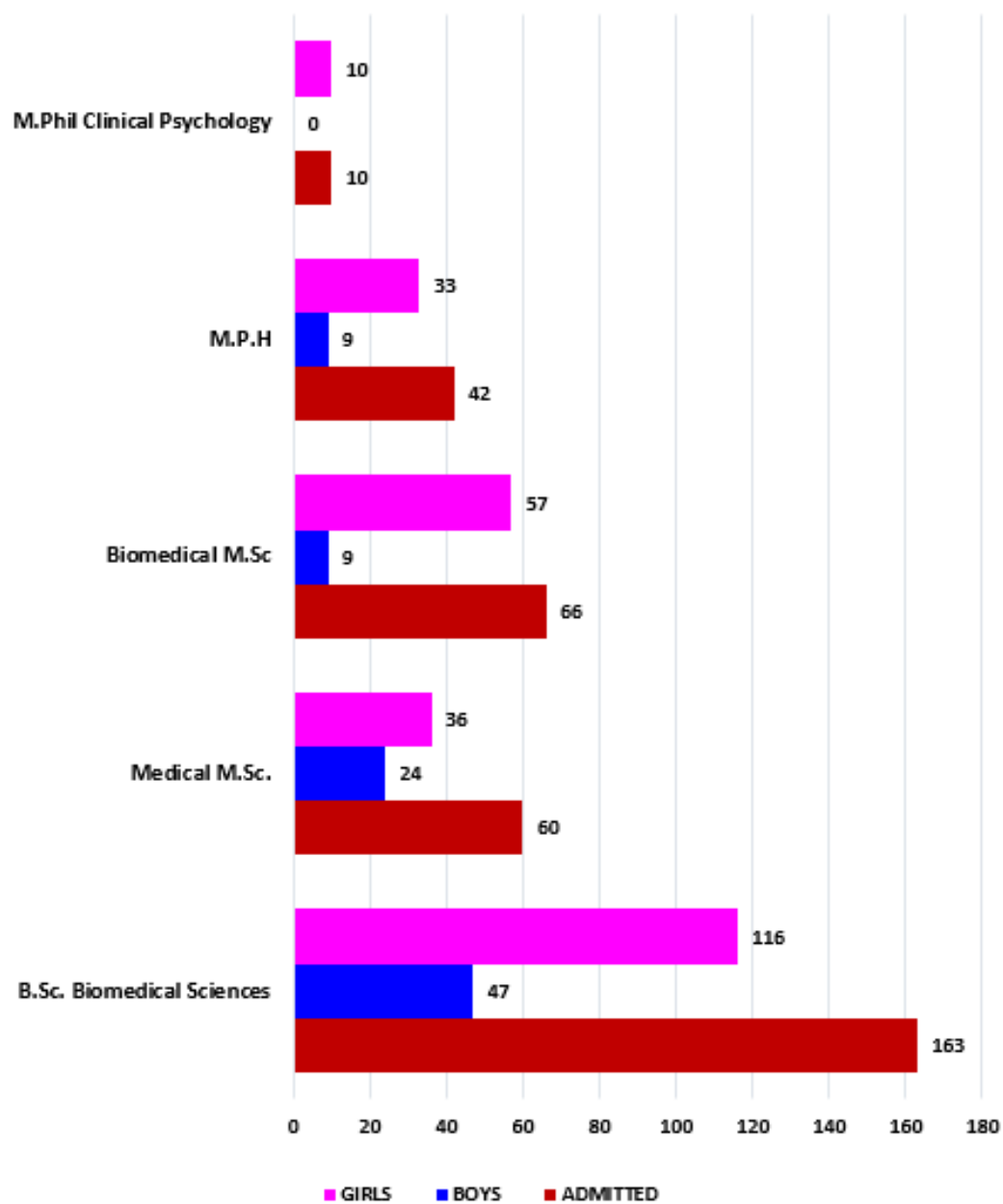


PROJECTS

STUDENT ADMISSION

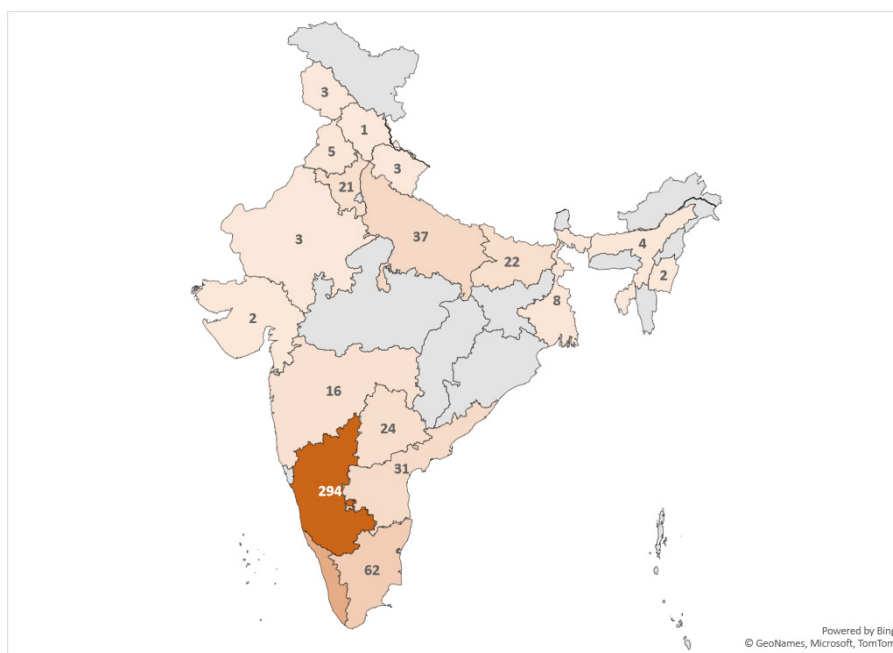


STUDENT ADMISSION 2022 - 23



GEOGRAPHIC DIVERSITY AMONG STUDENTS – 2022-2023

National (Total=715)



Details of international students (Total= 07)

Country	M.Sc. (2 Y)	B.Sc.
Somalia	1	-
Tanzania	-	2
Nigeria	-	1
Ethiopia	-	1
Namibia	-	1
Rwanda	-	1

Details of Ph.D. Registration

Total No. of Ph.D. Registration as of June 2023

State wise	JSS Academy of Higher Education & Research						Total
	Part Time			Full Time			
	Male	Female	Total	Male	Female	Total	
Karnataka	22	49	71	14	52	66	137
Other State	02	01	03	05	04	09	12
Other Country	-	-	-	01	01	02	02
Total	24	50	74	20	57	77	151

Ph.D. Registration from January 2023 to June 2023

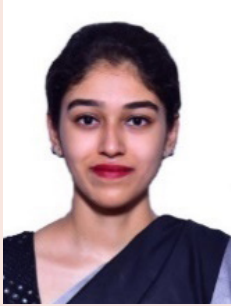
Total	Full Time	Part Time
10	06	04

Medical	Bio-Medical	Life Science	Management studies
02	04	03	01

MERITORIUS STUDENTS

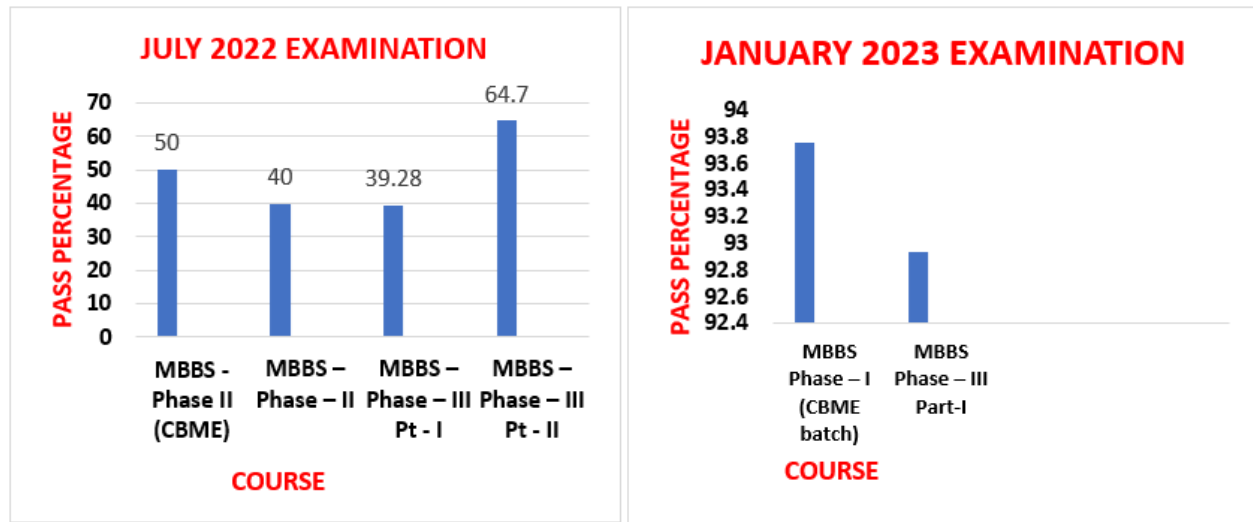
Sl. No.	Name of the Student	Place	No. of Awards	Subject	Instituted by
1	DR.CHAITALI 	Mysuru, Karnataka	1 Gold Medal	Smt.Ambabai Nanjundaiah Memorial Gold Medal For the Best Out going student	Smt.Asha Prasanna Kumar D/o Dr.T.B.Basavarajendra Former Principal, JSS Medical College, Mysuru
			3 Cash Prizes	Topper in Forensic Medicine	JSS Medical College
				Topper in E.N.T.	
				Topper in Ophthalmology	
2	DR.ROHAN KARKRA 	Gurugram, Haryana	2 Gold Medals	Dr.M.K.Meera Gold Medal For topper in Pathology	Dr. M.K. Manjunath, Former Prof. & HOD, Conservative Dentistry & Endodontics, JSS Dental College, Mysuru
				Dr.M.N.Channabasappa Memorial Gold Medal For topper in Surgery	Smt.Vishalakshi Channabasappa, Premier Studio, Mysuru
			3 Cash Prizes	Topper in Microbiology	JSS Medical College
				For topper in MBBS Phase-II	
				For topper in MBBS Phase-III, Part-II	
3	DR.MEGHNA ARORA 	Indrapuri, New Delhi	2 Gold Medals	Sri M.N.Basavarajiah 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
			1 Cash Prize	Sri Vijayaraghavachar & Smt. Sathyavathi endowment For topper in Medicine Cash Prize	Smt.Pushpa Aiyengar & Smt.Vaidehi, Mysuru

4	DR.AANCHAL AGARWAL 	Ghaziabad, Uttar Pradesh	1 Gold Medal	Smt.T S Sarojamma – Sri M S Chandrashekarappa Gold Medal For topper in Community Medicine	Dr.Smitha M C Asso. Professor, Dept. of Community Medicine, JSS Medical College, Mysuru
			2 Cash Prizes	For topper in MBBS Phase-III, Part-I Topper in Paediatrics	JSS Medical College
5	DR.REEBA ANNA MATHEW 	Trivandrum, Kerala	1 Gold Medal	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
6	DR.ANUSHRI NAGA 	Thiruvanthapuram, Kerala	1 Gold Medal	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
7	DR.DEVANSHU SACHDEVA 	Meerut, Uttar Pradesh	1 Gold Medal	Dr.D.S.Sivappa Memorial Gold Medal For topper in Pharmacology	Smt.D.S. Prema Vijayanagar, Bangalore

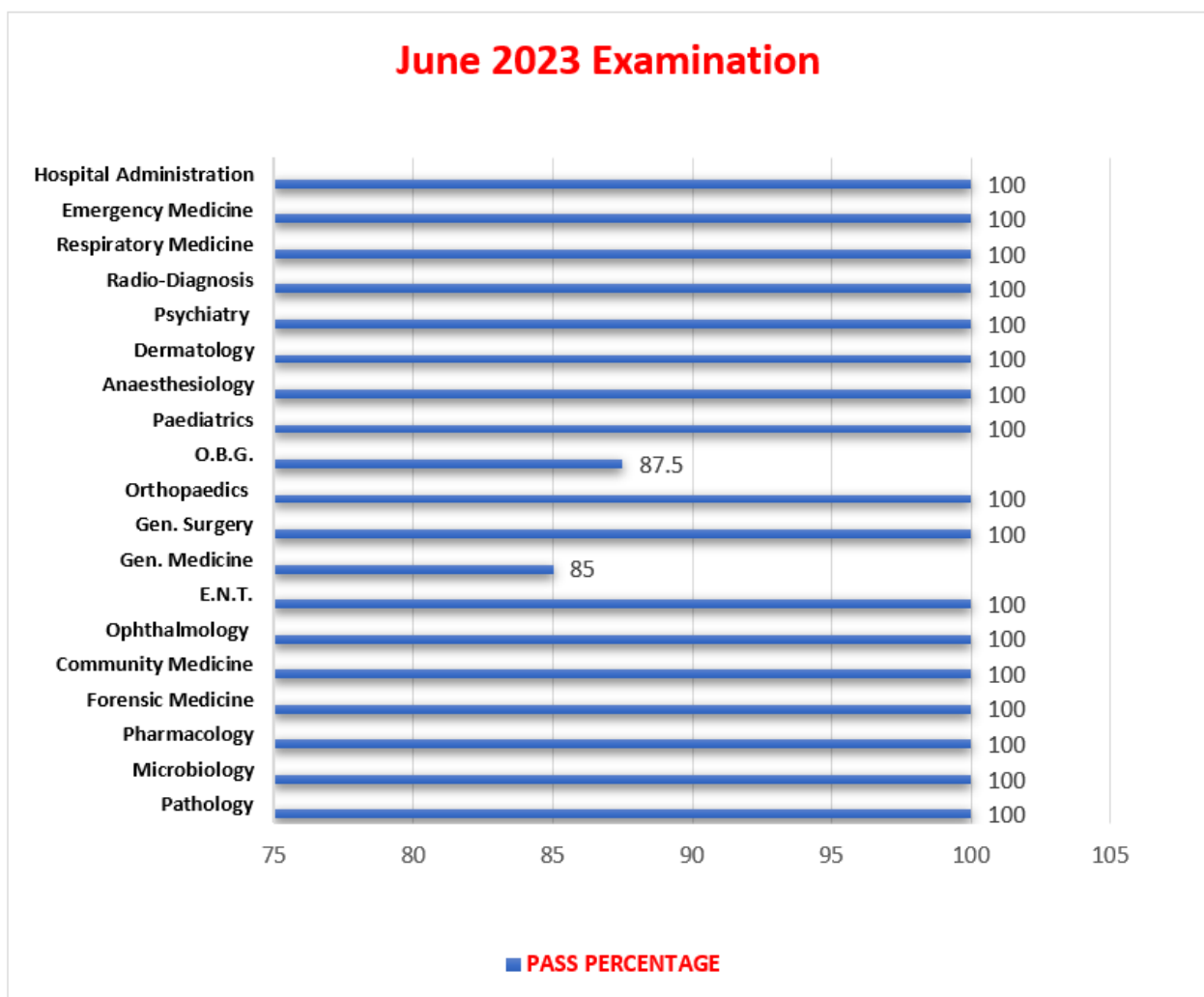
8	DR.RUDRANI MUKHERJEE 	Kolkata, West bengal	1 Gold Medal	Smt. Sarojini Siddappa Manoli Memorial Gold Medal For topper in O.B.G	Dr.Nandish S Manoli, Former Prof. of O.B.G, JSS Medical College, Mysuru
9	DR.RIMJHIM LAHOTI 	Raipur, Chhattisgarh	1 Gold Medal	Dr.Sumana S Rao award for the Best student in Psychiatry	Dr.T.S.Sathyanarayana Rao, Dr.Vasumathy S Rao & Dr.Suman S Rao, Mysuru
10	DR.POOJITHA R 	Chennai, Tamilnadu	2 Cash Prizes	Topper in Physiology For topper in MBBS Phase-I	JSS Medical College
11	DR.SAAKSHI PANDIT T 	Mysuru, Karnataka	1 Cash Prize	Topper in Community Medicine	JSS Medical College

OUTCOME ANALYSIS

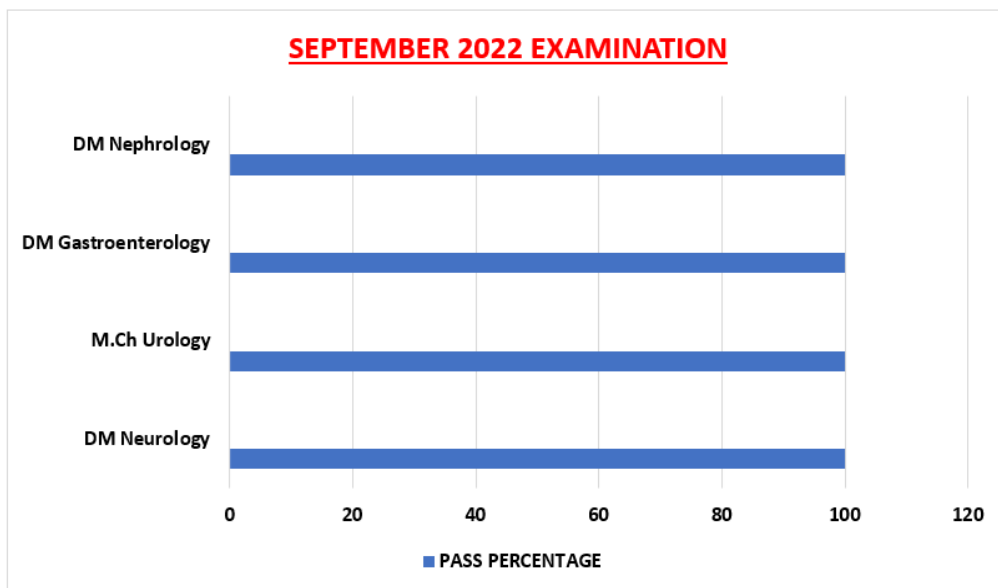
MBBS



POSTGRADUATE (MD/MS) DEGREE



SUPER SPECIALITY



RESULTS OF FELLOWSHIP IN PSYCHOSEXUAL MEDICINE, M Phil, Psychiatry Social Work, Clinical Psychology, MPH: 100%

M.Sc.

NOVEMBER 2022 EXAMINATION

Course	Total Student	Appeared	%
1 st Semester	49	37	70
2 nd Semester	82	72	57
3 rd Semester	9	7	86
4 th Semester	54	52	88
M.Sc., Clinical Embryology			
1 st Term	1	1	--
4 th Term	19	19	95
M.Sc., Medical Genetics & Genomics			
1 st Semester	5	5	20
2 nd Semester	14	14	78.5
3 rd Semester	3	3	100
4 th Semester	13	13	100
M.Sc., Clinical Psychology			
2 nd Semester	22	22	100
4 th Semester	10	9	100

MARCH 2023 EXAMINATOIN

Course	Total Students	Appeared	%
1 st Sem Medical M.Sc.,	83	65	61.53
1 st Term Clinical Embryology	31	29	89.65
1 st Sem M.Sc., Genetics & Genomics	19	19	63.15
1 st Sem M.Sc., Clinical Psychology	22	20	100

MAY 2023 EXAMINATOIN

M.Sc., Medical Sciences			
Course	Total Students	Appeared	%
2 nd Semester	41	32	40.62
3 rd Semester	79	68	94.11
4 th Semester	08	06	83.33
5 th Semester	54	52	88.46
M.Sc., Clinical Embryology			
4 th Term	01	--	--
M.Sc., Medical Genetics & Genomics			
2 nd Semester	03	03	66.66
3 rd Semester	14	14	85.71
M.Sc., Clinical Psychology			
3 rd Semester	22	22	100

BSC BIOMEDICAL SCIENCES: NOVEMBER 2022 EXAMINATION

Semester	Total Student	Appeared	%
I	139	100	24
II	224	194	54.1
III	66	47	51
IV	203	178	67.9
V	41	26	61.5
VI	173	154	85
VII	7	6	100
VIII	12	11	81.8

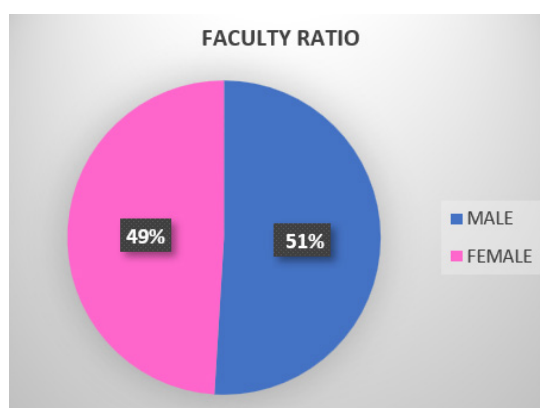
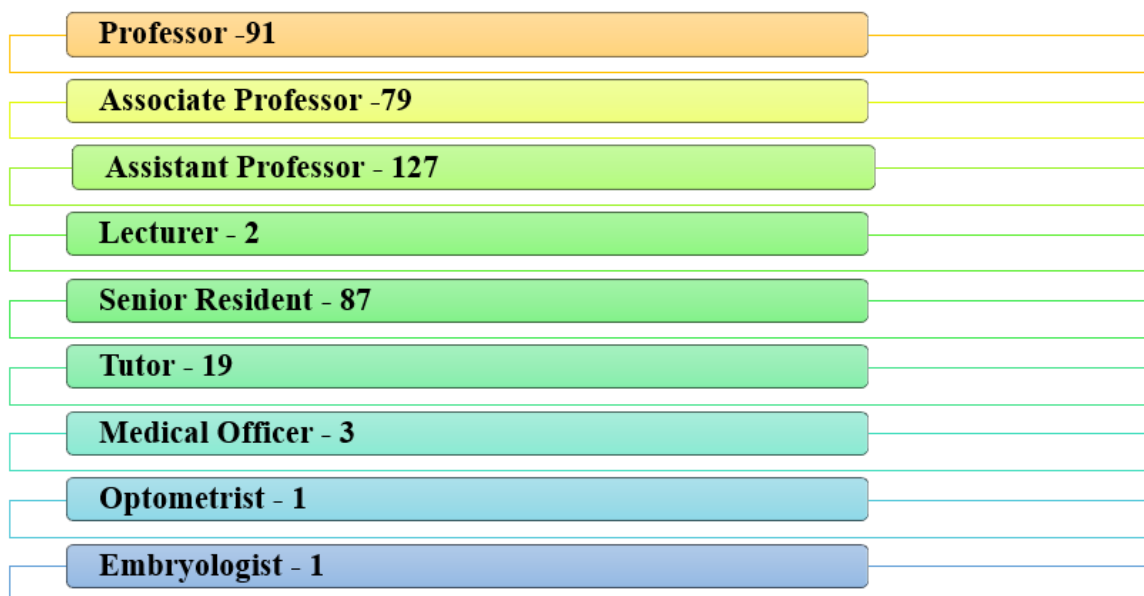
Ph.D. Awarded- June 2022 – June 2023

Sl No	Name of the candidate	Dept	Guide	Topic
1	Mrs.Kiranmai Kanakavalli Kudury	Management Studies	Dr.H.Basava-nagowdappa	A study of determine the effect of fluo-ride in drinking water on calcium, vitamin D associated hormones in pregnant women and their new borns
2	Mr.Bedveti Satya Sai	Bio-Medical	Dr.Tejashree A.	"Speciation and molecular identification of trichophyton and its antifungal susceptibility patterns"
3	Mr.Manthravadi V.S.Krishna Karthik	Bio-Medical	Dr.Tejashree A.	Isolation and molecular typing of Mycobacterium Tuberculosis isolates.
4	Mr. Anshu Kumar Yadav.	Bio-Medical	Dr. M N Suma	"Novel in-house multiplex PCR guided management of neonatal sepsis in a tertiary care hospital in South India".
5	Ms Lissa J	Biomedical Sciences	Dr Sujatha M S	Effectiveness of structured teaching programme on post operative self-care aspects on mothers who have undergone caesarean section at JSS Hospital Mysuru
6	Mr Pushkal S R	Biomedical Sciences	Dr. Devananda D,	"Elucidation of NRF2 signaling in the molecular pathogenesis of Human Papillomavirus associated Head and Neck Squamous Cell Carcinomas".
7	Mr. Mahadevaswamy K G	Life Sciences	Dr. MVSST Subbarao	"Comparative assessment of phenolic compounds extracted from millets for inhibiting the growth of colorectal and breast carcinomas".
8	Ms Souparnika H M	Life Sciences	Dr Rajesh Kumar T	"Development of Phytochemical activators of NRF2 signaling for mitigation of environmental lung diseases".
9	Ms. Anitha Victoria Noronha	Biomedical Sciences	Dr. Madhu B,	"Enhancing compliance to Tuberculosis therapy using mHealth tool: A case study at a tertiary care hospital, Mysuru, Karnataka, India".
10	Dr Savitha V	Medicine	Dr. M Mahesh	"Thyroid dysfunction and thyroid autoimmunity in women with iron deficiency anaemia in early pregnancy – A study from Tertiary Care Hospital".
11	Dr Srinath 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".
12	Ms. Hemashree L	Biomedical sciences	Dr. Srinivasa Murthy D,	"Development and validation of a device for clotting analysis of human blood using electrical resistance principle".
13	Ms. Usha M Thomas	Biomedical Sciences	Dr. Narayanappa D	"Effect of need based health action intervention on the life style risk factors and BMI in adolescent obese school children - A case control study".

INFRASTRUCTURE AND LEARNING RESOURCES

Faculty Profile

TOTAL NO. OF FACULTY – 410



Professional training for teachers

180 faculty trained in Basic/ Revised Basic Course Workshop in Medical Education Technologies.

11 faculty have completed Advance Course in Medical Education

11 faculty have completed Advance Course in Medical Education

Infrastructure facilities for Teaching – Learning



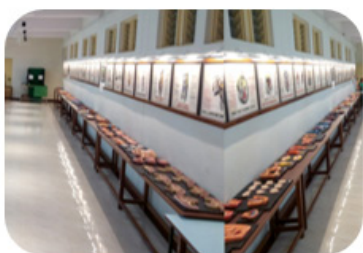
Smart boards in lecture halls for interactive teaching & learning.



Digitalised Dissection Theatre



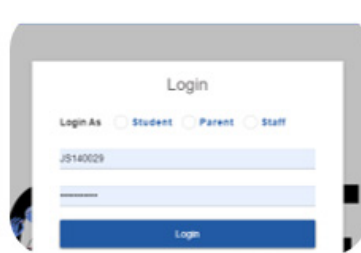
Computer assisted learning lab



Digitalized Museum



Mannequins for learning skills



Learning Management system to share the content, assessment.

Library Details



Total Number of Books

33972



Journals

International - 125

National - 122

Total - **247**



Provisions for students not studying in university: Students who are not currently studying in our university can utilize the library and reading room facilities at a concessional price.

Disabled – Friendly Infrastructure

The following facilities are made available in the college campus for easy accessibility.

- Wheelchairs
- Stretches
- Ramps provided in all the floors of the college and hostel.
- Suitable toilets provided in college and hostels.
- Lift facilities are made available.

Innovative Teaching Methods

Large group teaching



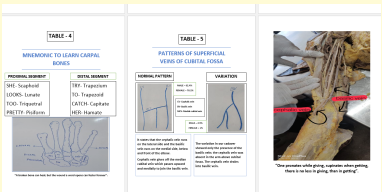
Small group teaching

Group Discussion	Tutorials	Dissection table teaching	Self-directed learning	Medicosocial case MSC
Crime Scene Simulation	Autopsy demonstration	Field Visits	Jigsaw learning	Reflective writing
OSPE	Response stations	Laboratory medicine training	Peer teaching	Charts
Story tutorial	Case based learning	Seminar	Concept mapping	Practical demonstration

Clinical Teaching

OPD Teaching Methods- Smartphone Slit-Lamp Images, Whatsapp Images	Examination Of Ear, Nose And Throat- Video Graphed And Streamed Into The Youtube Channel.	Minor Surgeries Demonstration
Diagnostic Nasal Endoscopies.	Hands On Training Temporal Bone Dissection.	Hands-On Practice For Pgs On Goats Eye.
Video-Assisted Skill Transfer (VAST).	OT Based Teaching Methods - CCTV For Watching Ongoing Surgeries	Endoscopic Demonstration Of Interesting Clinical Findings

Innovative teaching methodologies Introduced.

Innovative Teaching Methodologies	Out come	Photos
Silent mentor: Discern the art of Human Anatomy	More than 74 % students agreed that this method helped in retention of the topic better and helped in retention of the particular topic	
Practical Peer Learning Activity	By this method, students were put into the shoes of teachers wherein they learnt about question setting, utilised the lab manual effectively, learnt from their mistakes	
ROLE-PLAY on Protein Metabolism	Fun filled learning experience by the students	
Skill Lab – Utilization of mannequins and part task trainers	Effective learning of Routes of administration – Hands on training.	

TAG – AI games	Tackling Antimicrobial resistance through gamification and Artificial Intelligence-Innovative teaching methods on Rational use of Antibiotics	
Mind Mapping	Better understanding of the allotted topic	
Website based teaching - www.rescon.jssuni.edu.in / radiologyteachingfiles .		
E-Log Book for Postgraduates		

STUDENT SUPPORT INITIATIVES

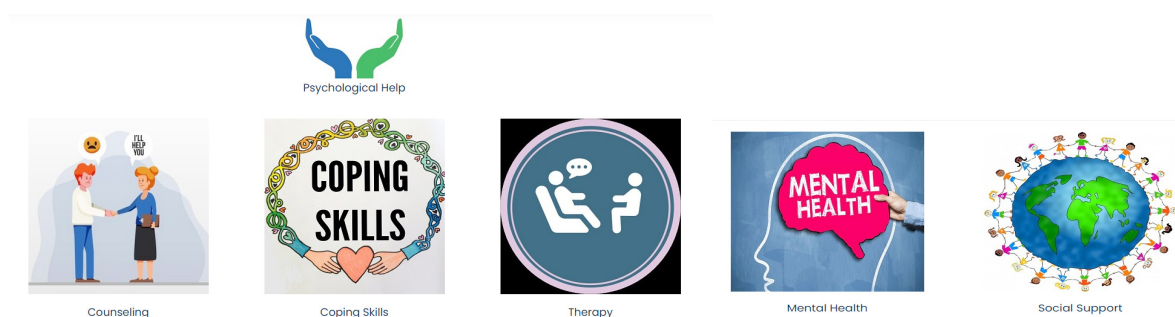
Mentorship programme:

Academic mentoring is a common activity at college. The institution has a well-established horizontal and vertical integration system, with one faculty mentor for every 5 to 6 students. Mentors ensure mentees' attendance, academic advancement, and course completion. Mentors also aid students in their co-curricular and extra-curricular activities. Mentors track students' progress until they graduate, and they also hold specific classes for slow learners to assist them.

Student Support centre

Student Support Center (SSC) provides free and confidential direct individual counselling services for a variety of concerns including, stress, burnout, time management, relationship problems, anxiety, depression, and other matters related to a student's overall mental well-being. The Center also provides resource information on wellness topics and is responsible for student outreach programming designed to reduce stress and improve overall well-being.

Services available at Student Support Center (SSC)



VALUE-ADDED PROGRAMS OFFERED

Institution & 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
Community Medicine	Community mental health module for MBBS undergraduates
	Effective Research Grant Proposal Development and Quality Enhancement
Biochemistry	Chromatographic Applications in Medicine
	Diagnostic Utility of Electrophoresis
	Anticancer Agents: Screening to Signalling Pathways
Microbiology	Tackling Antimicrobial Resistance – Bench to Bedside
Anatomy	Basics of special stains and its application in the study of normal tissue
Pathology	Digital pathology
Forensic Medicine	Forensic Anthropology
MEU & Skill lab	Orientation Programme and Essential Clinical Skills Workshop
	Scientific writing
Anaesthesia	How to handle crisis - crisis resource management (CRM).
ENT	Biomedical innovations, AI, innovative hand models in Otorhinolaryngology
Orthopaedics	Surgical Exposures of Upper Limb and Lower Limb in Anatomic Specimens
	Basic Course on Arthroscopy of Knee and Shoulder
Radiology	Fetal Imaging- Fundamentals to Advances
OBG	Andrology
Paediatrics	Basics of Ultrasound in Neonates
Dermatology	Advanced dermatosurgical procedures
HSMS & JSSMC	Professional Upskilling

COLLABORATIONS

International - For Faculty and Student Exchange

National

1. Rashtriya Raksha University, Gujarat
2. Defence Food Research Laboratory, (DFRL) Mysuru
3. National Forensic Science University, Gujarat
4. JSS Science and Technology

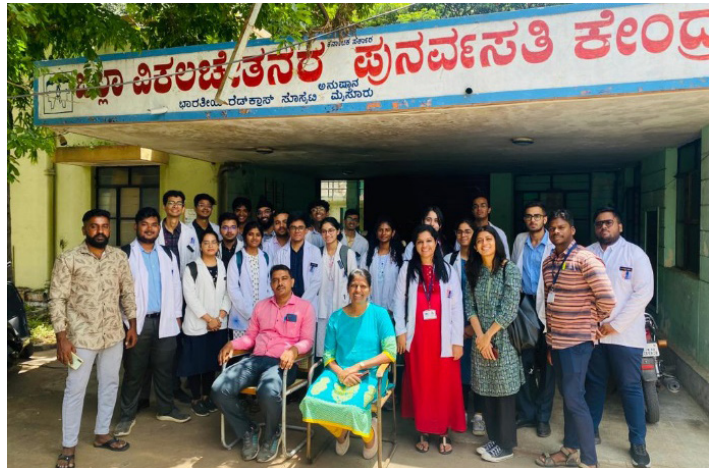


DETAILS OF STUDENTS WHO HAVE VISITED JSS MEDICAL COLLEGE AND HOSPITAL FOR OBSERVERSHIP

Name	University	From	To	Details
Ms Navvana	Our Lady of Fatima University, Philippines	15/09/2021	30/12/2022	Ms Navvana from Our Lady of Fatima University, Philippines completed observership at JSS Medical College and Hospital in Department of Community Medicine, Ophthalmology, ENT, Psychiatry, Internal Medicine, Obstetrics and Gynaecology, Surgery, and Paediatrics
Mr Benakaraj	Mari State University, Russia	08/08/2022	13/09/2022	Mr Benakaraj , from Mari State University, Russia completed observership in the department of Radiology, Neurology, General Surg, Cardiology and ENT at JSS Hospital
Ms. Koshni Ms. Yesotha Ms. Vaisnavi Ms. Nandhinee Ms. Vrasashti Tharanni Ravindran Mr. Logaraj Mr. Dhivyah Mr. Puvaanan	Malaya University, Malaysia	031/10/2022	08/12/2022	Students of Malaya University Visited JSS Medical College from 031/10/2022 to 08/12/2022
Ms Khushi Dagli	Quinnipiac University, US	05/06/2023	1/07/2023	Ms Khushi Dagli from Quinnipiac University 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 4 weeks.
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	Tzu Chi University, Taiwan	04/07/2023	10/07/2023	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 were hosted in the campus of the institution.



Ten students from Tzu Chi university visited JSS Medical College and Hospital under the Asian Medical Students Exchange Program



Ms Khushi Dagli from Quinnipiac University US, at field visits to Anganwadi centre, and District Rehabilitation Centre, Mysuru





Eight students of Malaya University on completion of observership meeting Vice Chancellor, JSS Academy of Higher Education and Research and Principal, JSS Medical College



Ms Navvana from Our Lady of Fatima University, Philippines at JSS Urban Health Centre field practice area



Mr Benakaraj, from Mari State University, Russia completed observership at JSS Hospital

ACADEMIC EXPERTS VISIT



Biochemistry

Prof. Dhavendra Kumar, Honorary senior research fellow, institute of medical genetics, division of cancer & genetics, Cardiff university, university school of medicine, UK Delivered speech/chaired session on various topics during 5th International Conference on Birth Defects held from 21st to 23rd November 2022 at Sri Rajendra Auditorium, JSS Medical College, Mysuru

School of Public Health

Dr. Birke Aenne Martha Ahlfeld, a Medical Doctor from Germany, working as a medical Officer and a Master student shared his perception on Global Health for 1st Semester MPH students on 15th Nov.2022.



Orthopaedics

Dr.Srivatsa Boraiah, Consultant Orthopaedic Surgeon, USA shared his experience on Robotics in Arthroplasty to the faculty of department of Orthopaedics on 8th November 2022 in the Orthopaedic Seminar Hall, JSS Hospital, Mysuru



Radio-Diagnosis

Dr. Debjyothi Banerjee, Enmed, Texas A&M University (TAMU) visited, JSS Medical College & Hospital to explore the opportunities on collaboration with regard to joint workshop, Students exchange and research activities between JSS AHER and TAMU from 24th to 27th November 2022.



Forensic Medicine



Dr Jayesh Joseph, Criminologist, Kerala State, Kerala Police Academy and Dr Shivaprasad, Forensic Scientist visited the Dept of Forensic Medicine for interaction with B.Sc Forensic Science students to share knowledge and scope of Forensic Medicine in Crime investigation on 24.06.2022.

Mr.Pavan Mahikar, Scientific Officer, Karnataka State Forensic Science Laboratory, Bangalore was invited for interactive session with the students of B.Sc. Forensic Science, on 4th July 2022. He spoke about careers in Forensic Science Laboratories and the nature of expertise needed. The Question answer session was well addressed.



STUDENT ACADEMIC VISIT

Academic Visit: Students of JSS Law College on 19/07/2022

50 Students of B.A.L.L.B and B.B.A.L.L.B, JSS Law College (Autonomous) Mysuru paid a visit to the Department of Forensic Medicine and Toxicology on 19th July 2022. The purpose of the visit was to have first hand account of evidence handling in Medico Legal cases. They attended a medicolegal autopsy and learnt the modes of collection of samples in cases of medicolegal significance. In addition to this, they were given a tour of the facility, which included the Moot Court Hall, Photographic Museum, wet Specimen Museum and the Forensic Science laboratory.

They were escorted by Mr. Pranav Nair, Assistant Professor, Ms. Sneha Jagdish and Mr.Pramod Kumar, Faculty.



Academic Visit: Students of Govt. First Grade College, Krishnarajanagar on 28/07/2022



63 Students of B.A. Criminology and Forensic Science from Govt. First Grade College, Krishnarajanagar visited the Dept. of Forensic Medicine and Toxicology on 28.07.2022. They were briefed on the role of the department, services offered to the Police Department. They visited the facilities such as moot Court, Photographic Museum, Wet Specimen Museum and the Mortuary. They were accompanied by Mrs. Supritha C, Assistant Professor.



37 students of 6th Semester B.A. Criminology and Forensic Science, St.Philomenas College (Autonomous) Mysuru visited the Department of Forensic Medicine and Toxicology. They were accompanied by Mr. Francis Devasahayam, Assistant Professor and H o D, Criminology and Forensic Science and Ms.Alvira, Faculty. They were briefed about the departmental activities and given a demonstration of the Medicolegal Autopsy. They visited the Wet Specimen Museum, Moot Court Hall, Photographic Museum and other facilities.

Faculty awards

Medical practitioners felicitated



On the occasion of National Doctor's Day, Narayana Multispecialty Hospital, Mysuru, felicitated renowned medical practitioners — Dr. Laxmi Devi, Dr. Prahlad Rao, Dr. Amrit Nanalath, Dr. Basavanagowdappa, Dr. Haridas Upadhyaya and Dr. Vijay Kumar — for their service excellence in Mysuru and Coorg region. They are seen with Hospital Clinical Director Dr. M.N. Ravi and Facility Director Pavan Kumar.

Dr.H.Basavana Gowdappa, Principal, JSS Medical College was felicitated for his service excellence in Mysuru region on the occasion of National Doctor's day by Narayana Multi specialty Hospital, Mysuru.



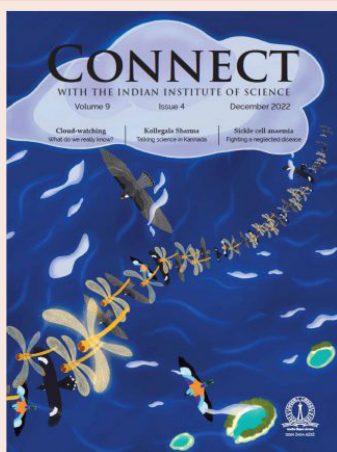
Dr.Vidya C.S., Professor of Anatomy bagged best poster award under Histology category for the poster titled "Sellar - suprasellar pituitary macroadenoma in a 35 year old woman- a case report" at International conference organized by SRMC Chennai held on 22nd and 23rd July 2022.



Dr.Vinutha S.P., Assistant Professor of Anatomy bagged best poster award under Embryology category for the poster titled "The Spectrum of Congenital Anomalies among Stillborn in a Tertiary Care Hospital: A Fetal Autopsy Study" at International conference organized by SRMC Chennai held on 22nd and 23rd July 2022.



Dr.Vidya C.S., Prof. & HOD of Anatomy was felicitated for authoring Text book- Quick review in Anatomy and Dr.Pushpalatha.K, Professor and Dr.Deepa Bhat, Asso.Professor, Department of Anatomy were felicitated for editing IB Singh Text book of histology- 10th edition in the national conference organized by ASI & GIMS Gadag from 8th to 11th December 2022.



Dr. Deepa Bhat, Asso. Professor of Anatomy was featured for her contribution in the field of sickle cell disease and tribal health in the CONNECT - Indian Institute of Science quarterly magazine released by Office of Communications - Indian Institute of Science on 30th December 2022



Dr. Hemamalini, Associate Professor of Anatomy won the Best Oral Presentation award (Faculty Category) for “Variations in the origin of profunda femoris artery, its circumflex femoral branches and clinical significance” under gross Anatomy category at the BMSECON-2022, 3rd International virtual e- conference organised by AVMCH, Pondicherry, held from 17th to 19th November 2022.



Dr. Pushpa N.B., Asst. Professor, Department of Anatomy received Research Excellence Award for Highest Number of Publication in the year 2021 at JSS Medical College, Mysuru on 12th May 2022.



Dr. Pushpa N.B., Assistant Professor, Department of Anatomy, awarded the Best Oral Presentation (Faculty Category) for “Histopathological analysis of effect of PIH on fetal kidneys using special stains and IHC” at the BMSECON-2022, 3rd International virtual e- conference organised by AVMCH, Puducherry, held from 17th to 19th November 2022.



Dr. Prashant Vishwanath, Dean (Research), JSS AHER & Professor of Biochemistry receiving the medal as the President of the Association of Medical Biochemists of India (AMBI). He was also awarded the Fellowship of the AMBI during the 29th Annual Conference of the AMBI (AMBICON 2022) which was held from the 21st to 23rd of July 2022 at the Moongate Resort Bangalore.



Dr. Akila Prashant, Professor, Department of Biochemistry received Best Teacher Award 2022 at JSS Medical College, Mysuru on 12th May 2022



Dr. M.V.S.S.T. Subba Rao, Professor, Department of Biochemistry received Research Excellence Award for the Best Citations in the year 2021 at JSS Medical College, Mysuru on 12th May 2022.



Dr. Rajesh Kumar T., Asso. Professor, Department of Biochemistry received Prof. Y.T. Thathachari Endowment Prize for the Best Research Paper in the year 2021 at JSS Medical College, Mysuru on 12th May 2022.



Mysore Science Foundation on its successful 10th anniversary program on 9th and 10th July 2022 honored **Dr. Prasanna K. Santhekadur**, Associate Professor Department of Biochemistry, JSS Medical College as "Our Proud Resource Person" and also bestowed him with the Congratulation Certificate for his outstanding contribution to Science Communication.



Dr.Venu D., Asst.Professor, Department of Pharmacology received 3rd Prize in Reflective Writing Competition organized by CDSIMER, (Dr. Chandramma Dayananda Sagar Institute of Medical Education & Research), Bangalore during 17th to 23rd September 2022.



Dr.Neetha S.Murthy, Sr.Resident, Department of Microbiology received 3rd Prize in MICROBIALGRAPHY 2022 at TM Media Logo Art in Culture Media Competition, Titan Biotech, Rajasthan on 2nd June 2022



Dr.Sunil Kumar D., Prof. & HOD, Department of Community Medicine in recognition of an outstanding contribution to the quality of the journal of Peer Reviewer 2022 from Texila International Journal of Public Health



Dr.Shwethashree M., Asst.Professor, Department of Community Medicine in recognition of outstanding performance and for demonstrating self-less team-work solving the clinical problem during the Medical Device Hackathon (MEDHA) Stage-1 held from May 14th to 28th 2022 by BETIC, IIT Bombay, Mumbai and JSS College of Pharmacy, Mysuru



Dr.Shwethashree M., Asst.Professor, Department of Community Medicine received Compact Design Award for demonstration self-less team-work and solving problem titled "Student Pocket Mobile Otoposcope" during the Medical Device Hackathon (MEDHA) held virtually from May 14th to 28th, 2022 by BETIC, IIT Bombay and Partner Institutes.



Dr.Shwethashree M., Asst.Professor, Department of Community Medicine received Social Innovation Device award for her work on Malaria Technology during Medical Device Innovation Course from 2nd September to 2nd October 2022.



Dr.Mithily M.R., Sr. Resident, Department of Community Medicine received Award for Best Scientific Full Paper in National level conference -My Nutricon 2022 held on 6th to 8th December 2022



Dr.Smitha Rani, Asst.Professor, Department of Forensic Medicine received Best Teacher Award 2022 at JSS Medical College, Mysuru on 12th May 2022.



Dr.Y.S.Ravikumar, Professor, Department of Medicine received Best Teacher Award – 2022 for his contribution to Medical Education Knowledge, Punctuality and Research on 12-05-2022.



Dr.Purushotham Shastry, Professor, Department of Orthopaedics received appreciation award for his contribution towards Karnataka Orthopaedics Association (KOA) at 46th State conference of Karnataka Orthopaedics Association at St. John's Medical College, Bangalore during 6th to 8th May 2022.



Dr.Shilpa C., Asso. Professor, Professor, Department of E.N.T. received Best Teacher Award 2022 for her contribution to Medical Education Knowledge, Punctuality and Research on 12th May 2022.



Dr. Abhijith Sivashankar, Sr. Resident in the department of Emergency Medicine received 1st prize in poster presentation organized by EM RENDEZVOUS, Pondicherry on 9th September 2022.



Dr. H. Basavana Gowdappa, Professor of Medicine, Principal, JSS MC, Mysuru was felicitated at API Karnataka EC Meeting at Bengaluru on 28th March 2023 for his excellent services rendered towards patient care.

Dr. H. Basavana Gowdappa, Professor of Medicine and Principal, JSS MC, Mysuru has been selected to be honored with **Life Time Achievement Award by API Karnataka Chapter for the year 2023**.

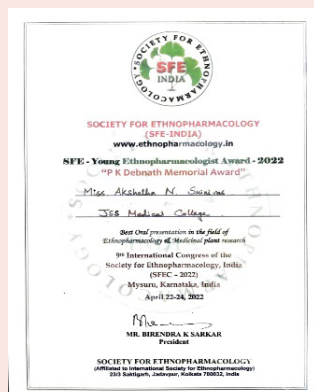


Dr. Prasanna K. Santhekadur, Associate Professor, Department of Biochemistry received "**Sir C.V. Raman Young Scientist State Award**" instituted by Govt. of Karnataka in the field of Medical Sciences for the year 2021, instituted by the Government of Karnataka and Karnataka State Council for Science and Technology on 23rd March 2023 at JN Tata Auditorium in Indian Institute of Science, Bangalore.



Dr. Prathima C, Associate Professor, Department of Pharmacology was awarded "**Best poster presentation**" titled "**NRF2 modulatory potential and anti-cancer activity assessment of Novel 1, 2 Oxazines In vitro and In-vivo.**" in the 52nd Annual conference of Indian Pharmacological Society 2023 (52nd IPSCON 2023) held at JSS College of Pharmacy, Mysuru from 23rd to 25th February 2023.

Student awards



Ms. Akshatha N. Srinivas, student, department of Biochemistry received Best Oral Presentation Award (SFE – Young Ethnopharmacologist Award-2022 P K Debnath Memorial Award) at 9th International Congress of the Society for Ethnopharmacology, India (SFEC-2022) held at JSS College of Pharmacy, Mysuru during 22nd to 24th April 2022.



Ms. L.H. Zonunsiami, student, department of Biochemistry received Best Poster award for the poster titled “Targeting Nrf2 signalling using Brusotol reduced colorectal cancer cell viability” at 9th International Congress of the Society for Ethnopharmacology, India (SFEC-2022) held at JSS College of Pharmacy, Mysuru during 22nd to 24th April 2022



Dr. Suprasanna Bhattacharya and **Dr. Nikita K. Shah**, PG Students, Department of Microbiology received second prize in quiz competition on World Hand Hygiene Day at JSS Hospital on 5th May 2022.



Dr. Abraham Rajiv Puthusseril, M.Sc. in Forensic Odontology (Guided by Dr. G.B. Aravind) received Best Paper Award (First Place) and **Dr. Dhimi Nongmeikapam**, M.Sc. in Forensic Odontology (Guided by Dr. Smitha Rani) received Best Paper Award (Second Place) respectively at 8th INPAFO conference on Forensic Odontology University Institute of Applied Health Sciences (UIAHS), Chandigarh University, Gharuan, Punjab during 25th to 27th May 2022.



Dr. Amulya C.H., PG Student, Department of Neurology received second place for Poster Presentation titled “Neurological double trouble by an infectious causes” at KNACON 2022 during 10th to 12th June 2022.



Kaustubh Gaur from 6th term MBBS, attended the second Online International Conference on Traditional and Alternative Medicine on August 2 and August 3, 2022.

The conference was conjointly under the banner of Miyagi Rifu Ekisaikai Hospital, Japan, ICAR-Indian Institute of Horticultural Research, Bengaluru and Beijing University of Chinese Medicine, China

He gave an oral presentation entitled “Conduct disorders characterised by aggressive traits violence prevention of suicide homicide and social impairment” and **received the certificate of high praise and exemplary recognition** in the conference.



Kaustubh Gaur, 6th Term MBBS, in recognition of outstanding accomplishments and contributions for the International Model United Nations Campus Ambassador Internship programme. His hard-work, talent and dedication has been instrumental in achieving the goals of the Campus Ambassador department. This internship was from 19th to 29th May 2022.



Kaustubh Gaur, Student of 6th term MBBS, recently took part in the International Global Meet hosted by Oxford University England UK in which a plethora of seminars, workshops and competitions were conducted.

He bagged the **Best Crisis Solver award in the field of Forensic Medicine - UG category** which included him to solve problems based on homicide, disaster management, crime scene investigation and even court room trials.

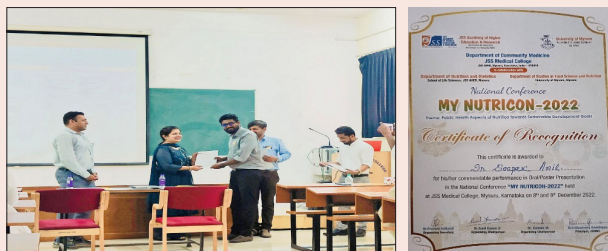
The event was an online event where he interacted with like minded people and gained knowledge and skill to make a competent doctor for the future on 8th November 2022.



Ms. Anjali Chandra Adari, 1st MBBS of JSS Medical College won first prize (under Heart category) and Mentor: Dr. Vinutha S P, Assistant Professor of Anatomy and **Ms. Sona Sudhi** won second prize (under Lung category) and Mentors: Dr. Uma Shivanal, Senior Resident of Anatomy and Dr. Pushpalatha K, Professor and HOD of Anatomy, in the E Poster presentation under Undergraduate category at the International E conference on “ALVEOLI” organized by Chettinad Hospital and Research Institute, Kelambakkam, Tamilnadu on 29th July 2022.



Ms.Sahana K.S., ICMR SRF, Research Scholar, Dept of Community Medicine JSS Medical College has won the Second Prize in the full paper competition in the National conference MY NUTRICON 2022 held on 8th and 9th December 2022 at JSS Medical College.



Dr.Deepak Anil, Final year Postgraduate, Department of Community Medicine has won top score for the oral presentation session on the topic "Public health workforce and building resilient communities" of My Nutricon 2022 held on 8th and 9th December, 2022 conducted by JSS Medical College, Mysuru



Dr.Aasweeja Gangavarapu, 3rd semester MPH, School of Public Health, Department of Community Medicine, JSS Medical College has won Best poster in session and overall 1st prize in the poster competition in the National Conference MY NUTRICON 2022 held on 8th and 9th December 2022 at JSS Medical College, Mysuru.



Dr.Hari Prakash G., Second year Ph.D. Scholar, Department of Community Medicine has won top score for the oral presentation session on the topic "Development and Validation of smart wearable device in detection of muscle wasting" of My Nutricon 2022 held on 8th and 9th December 2022 conducted by JSS Medical College, Mysuru.



Dr.Sayana Basheer, First year Postgraduate, Department of Community Medicine has won top score for the oral presentation session on the topic "Public health nutritional assessment and intervention" of My Nutricon 2022 held on 8th and 9th December, 2022 conducted by JSS Medical College, Mysuru.



Dr.Vijayalakshmi Rao Vadaga, Final year Postgraduate, Department of Community Medicine received 2nd Prize in the Digital Poster competition at Sagar Chandrama Hospital.



Dr.Aishwarya Varudu, Postgraduate, Department of General Medicine has won 1st prize in paper presentation at 18th Annual conference Research Society for the study of Diabetes in India – Karnataka Chapter (KRSSDI), Bangalore on 17th & 18th December 2022 at Bangalore.



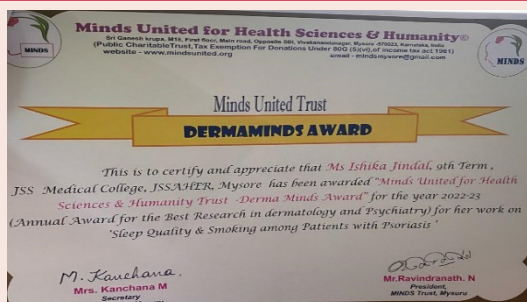
Dr.Vathul B, Postgraduate, Department of General Medicine has won Best Poster presentation at 18th Annual conference Research Society for the study of Diabetes in India – Karnataka Chapter (KRSSDI), Bangalore on 17th & 18th December 2022



Dr.Ajnas A.P., PG Student, Department of Anaesthesiology received B M Patil Memorial Award 2nd prize for Scientific free paper presentation at BLDE, Bijapur on 16th September 2022



Ms. Varsha D.S, MBBS received Best Paper Award in the International conference organized by the Department of Biotechnology Engineering NMAM Institute of Technology, NITTE, Mangalore during 22nd & 23rd December 2022.



Ms Ishika Jindal, received Best Research in Dermatology and Psychiatry award issued by Minds United for Health Sciences and Humanity Trust - Derma Minds Award, Mysuru 2022.



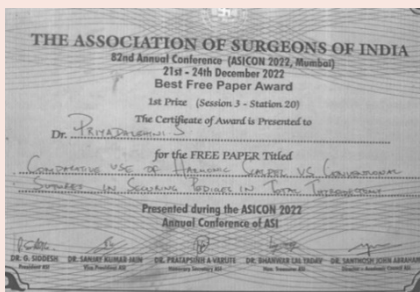
Dr.Anisha Amarnath, PG Student in Dermatology received Best paper in Award paper category at Dermazone South, Vishakapatnam on 30th October 2022.



Dr.Abarna, PG Student in Dermatology received 3rd prize in paper presentation at Middermacon, Lucknow during 23rd to 25th September 2022.



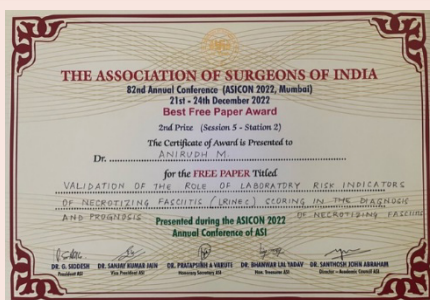
Dr.Raaghu.K, PG student in Surgery received Best Free Paper Award - 1st Prize ((Session-4, Station-2) organized by The Association of Surgeons of India (ASICON), Mumbai during 21st to 24th December 2022



Dr.Priyadarshini.S, P.G.Student in Surgery received Best Free Paper Award - 1st Prize (Session-3, Station-20) organized by The Association of Surgeons of India (ASICON), Mumbai during 21st to 24th December 2022



Dr.Anirudh.M PG student in Surgery received Best Poster Award - 3rd Prize (Session-2, Station-17) organized by The Association of Surgeons of India (ASICON), Mumbai during 21st to 24th December 2022



Dr.Anirudh.M PG student in Surgery received Best Free paper Award – 2nd Prize (Session-5, Station-2) organized by The Association of Surgeons of India (ASICON), Mumbai during 21st to 24th December 2022



Arithroy roy I MBBS student received **Best presentation in Animation video competition** National e conference on plastination Saveetha Institute of Medical and technical sciences on 3rd June 2023



Ms. Lakshana D.P., PG Student, Dept. of Biochemistry, JSS Medical College, Mysuru received Padma Vibhushan Prof. U.R. Rao Award 2022 (Post graduate level) for her innovative project entitled "To analyze the protective role of quercetin and saroglitazar on ethanol induced hepatic steatosis" carried out under the guidance of Dr. Prasanna K. Santhekadur, Asso. Professor of Biochemistry, organized by Karnataka Science and Technology Academic (KSTA), Dept. of Science & Technology, Govt. of Karnataka on 7th March 2023.



Ms. Harshitha & Ms. Varsha D.S., Ph.D. Scholars, Dept. of Biochemistry, JSS Medical College, Mysuru received "Savitribai Jyotirao Phule Fellowship for Single Girl Child 2022-23" on 7th February 2023 at JSSAHER, Mysuru.

Dr. Krishna Teja Dwibhashyam, postgraduate student, Department of Pharmacology was awarded Best poster presentation titled "Analyzing the drug utilization pattern among geriatric patients attending OPD of a tertiary care teaching hospital" in the 52nd Annual conference of Indian Pharmacological Society 2023 (52nd IPSCON 2023) held at JSS College of Pharmacy, Mysuru from 23rd to 25th February 2023.



Dr. Sakshi Dubey, PG Student, Dept. of Pathology won First Prize for the paper presentation at VAPCON, titled "A study of Histopathological invasive front markers in colorectal adenocarcinoma" at Dhantoli, Nagpur on 8th January 2023.



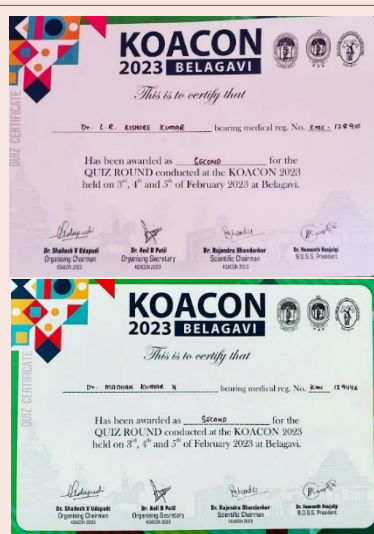
Dr. Deepak Anil, Final year Post Graduate, Department of Community Medicine has won the First prize in the National Online MCQ Test on Geriatric Medicine conducted by Shri B.M. Patil Medical College Hospital & Research Centre, Vijayapura held on 10th February 2023.



Dr. Deepak Anil, Final year Post Graduate, Department of Community Medicine Best Young Researcher Award in Medical Sciences at International Academic Research Excellence Award, Lucknow, UP on 9th April 2023.



Dr. Madhan Kumar and Dr. Kishore Kumar L.R., Postgraduates, Department of Orthopaedics secured 2nd place in State level quiz competition conducted at KOACON 2023, Belgaum from 3rd to 5th February 2023.



Athira Raj T., Dept. of Forensic Medicine received Best poster presentation at Dept of Forensic Sciences, Kristu Jayanti College, Bengaluru during 20th & 21st April 2023.

Dr. Madhan Kumar & Dr. L.R. Kishore Kumar, PG students, Dept. of Orthopaedics received 2nd place Quiz Round at KOACON 2023, Belagavi on 3rd to 5th Feb. 2023



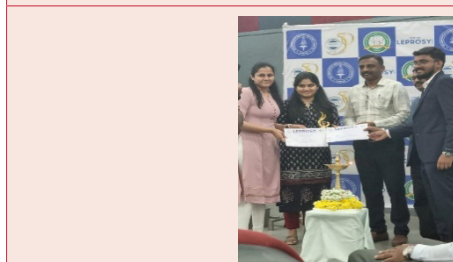
Dr. Gokul V, Dr. Ramya S, Dr. Nivetha Devi, Dr. Anand S. & Dr. Kiran Hegde, PG, Dept. of E.N.T. received Dr. Sandra Nisha D' Souza PG Award at AOICON 2023 74th annual conference of the association of Otolaryngologists of India, Jaipur during 3rd to 5th February 2023.



Dr. Anand S, Dr. Nivetha Devi, PG, Dept. of E.N.T. received Dr. Prem Kakkar ENT Quiz (5th Place) at AOICON 2023 74th annual conference of the association of Otolaryngologists of India, Jaipur during 3rd to 5th February 2023.



Dr. Jaishree P, PG, Dept. of E.N.T. received Gold Medal Dr. Gananathan Govindhaswamy research award paper at AOICON 2023 74th annual conference of the association of Otolaryngologists of India, Jaipur during 3rd to 5th February 2023.



Dr. Anushka Kedia, Dr. Kothakapa Chatura, PG Students, Department of Dermatology received 2nd prize in Leprosy Quiz (state level), CME Leprosy Update at Siddhartha Medical College, Tumkur on 21st January 2023.

PROGRAMS ORGANIZED ALIGNING TO THIS SDG.

35TH IAP-UG: The 35th IAP-UG quiz college round was conducted for the 8th term students on 28.07.2022 by the Dept. of Pediatrics in collaboration with IAP Mysuru branch. The quiz masters, Dr. Usha Manaswini Ramesh (SR Pediatrics) and Dr. Pooja HM (SR Pediatrics) conducted the quiz based on the Central IAP quiz guidelines. Team A comprising of Aazil Naseer and Pratish Khapecar scored the highest and were declared the winners of the college round. All the participants were felicitated by the dignitaries. The winners would go on to represent JSS Medical college in the divisional round to be held on 20.08.2022 at Mangaluru.



NDVH+PPH Workshop

Nondescent vaginal Hysterectomy + PPH (Postpartum Haemorrhage) by department of OBG in association with Mysuru OBG Society. This workshop was organized on 24.07.2022 to shed light on improving techniques of vaginal hysterectomy and managing post partum haemorrhage, a life threatening complication affecting pregnant women effectively after delivery. The operating faculty for the NDVH workshop was Dr. Ashish Kubde, Consultant Gynaecologist, Laparoscopic and Pelvic Surgeon, Seven Star Hospital, Nagpur. A renowned vaginal surgeon, Dr. Ashish Kubde operated on 4 cases and gave tips and tricks to facilitate NDVH in difficult scenarios. His skills were well appreciated by the audience. There was a live relay of surgeries from the II floor OT to the auditorium.

The resource persons for the PPH workshop were Dr. Ashish Kubde, Dr. Veerendrakumar, Professor and Unit head, Department of OBG, VIMS, Bellary and Dr. Jayaprakash Patil, Consultant Laparoscopic and Pelvic Surgeon, Bettadur Superspeciality Hospital, Raichur. They enlightened the audience on various aspects of prevention and treatment of PPH, both medically and surgically and also covered the recent advances in conservative management of PPH.



Anaesthesia workshop



National level 'IOA Cadaveric Skill Course on Pelvis & Acetabulum (Soft & Hard skill) on 20th & 21st August 2022

The Dept. of Anatomy had provided specially treated cadavers with genelyn fluid which made the tissues feel surreal and providing an exact simulation of a live surgery. The saw bone workshop helped to learn tips & tricks in fixation of fractures from Masters who have moved down from all over the country. Further to this case scenario and panel discussions made it a comprehensive curriculum. A special lecture By Dr Ram Chadda, Vice President of Indian Orthopaedic Association on "Soft skills for Doctors" in present scenario of doctor patient relationship was specially arranged.



BASIC KNEE AND SHOULDER ARTHROSCOPIC SIMULATION AND CADAVERIC WORKSHOP” on 24th August 2022

The Dept. of Anatomy headed by Dr.Pushpalatha and course coordinator Dr.Shivaprakash had provided specially treated cadavers with Genelyn fluid which made the tissues feel surreal and providing an exact simulation of a live surgery. The skill and simulation lab headed by Dr.Archana JSSAHER had provided simulation lab prior the cadaveric workshop to know diagnostic Arthroscopy part of the shoulder and knee so that the delegates get the complete orientation of the ACL reconstruction of the knee joint and Diagnostic Arthroscopy of the shoulder joint.

A special lecture By Dr.Vijay C., Dr.Santhosh M.S. and Dr.Shreyas M.J. Arthroscopic team Department of Orthopaedics on Basic knee and shoulder arthroscopy Simulation later on Cadaveric arthroscopy of both knee and shoulder... Delegates were given hands on for Graft Harvesting and preparation.



Fifth Edition of National Undergraduate Medical Conference – Asclepius 2022 held at JSS Medical College Mysuru

Students Research Cell of JSS Medical College, JSS Academy of Higher Education & Research, Mysuru had organized fifth edition of National Undergraduate Medical Conference- Asclepius 2022 from 18th to 21st of October 2022.

The conference was a huge success with the participation of over 300 delegates from various parts of the country. More than 10 skill-based workshops on research methodology, suturing skills, basic life support, emergency ophthalmology, diagnostic skills, crime scene investigation were conducted by specialist faculty members across various departments in medical college and hospital.

Budding doctors showcased their academic and research talents through research paper and poster presentations, case presentations, medical shark tank (for showcasing the entrepreneurial skills of

the student-doctors), pre, para and clinical quiz competition etc. Literary events like Medical Taboo, Medical Pictionary, Medical Treasure Hunt and the Medical Just A Minute, were conducted with the motto of students engagement in a battle of wits with a dash of academics.

The first ever Model United Nations- JSS Medical College MUN was organized as a part of Asclepius 2022 on 20th and 21st of October 2022. More than 100 students from various medical colleges across the country participated in the mock UN- WHO assembly focusing on various issues of national and international concern like universal health coverage, sustainable development goals, mental health and challenges in health care delivery system. The JSS-MUN was inaugurated by Dr Sudhir Nayak, WHO-Surveillance Officer of Mysuru district and deliberated on importance of international relations in health and wellbeing. He appreciated the efforts of students in learning the skills of democratic dialogue exchanges in mock forums like Model United Nations. Dr Suma M N, Vice Principal, JSS Medical College in her presidential remarks emphasized on the importance of communication, interpersonal relationships, leadership skills, professionalism, democratic problem-solving skills in medical profession. She also related how MUNs can help the students acquire these skills in a more holistic manner. Dr Praveen Kulkarni, faculty coordinator, Mr. Debabrata Sahu, Director General of Mock MUN and other office bearers of Mock MUN were present on this occasion.



CME Pigmentary Disorders – 16-10-2022

Department of Dermatology, Venereology and Leprosy of JSSMC & Hospital, conducted in collaboration with IADVL academy and Executive Committee (EC) along with Special Interest Group (SIG) Pigmentary Disorders. The theme of the CME was Facial Hyperpigmentation- An Update. Speakers from all over India like PGI Chandigarh, Delhi, Siliguri, Manipal and Bangalore were invited to give talks and participate in panel discussion. There were eight talks, one panel discussion, six paper presentations by post graduates from various medical colleges of Karnataka and a Post Graduate quiz. Around 100 delegates, including consultants and post graduates from Karnataka and Kerala participated in the said CME.

Dr. Sendhil N Kumaran gave a talk on update on acquired dermal macular hyperpigmentation, Dr. Pooja Arora gave a talk on current concepts and pathogenesis of melasma and Dr. Chandrashekar BS gave an interesting talk on insights and recent updates on management of Melasma.

The talk and video demonstration of procedures for facial hyperpigmentation by Dr. Namitha Chatra. Later Dr. Smitha Prabhu gave a talk on drug induced pigmentation and Dr. Rashmi Sriram spoke about updates on periorbital melanosis. This was followed by a panel discussion on management of Facial Hyperpigmentation which was moderated by Dr. Sanjay Rathi along with panelists Dr. Jayadev Betkerur, Dr. Bangaru, Dr. Chethana S.G. along with the speakers. Management of various hyperpigmentary disorders like melasma, isolated nasal pigmentation, transverse nasal hyperpigmentation, lip melanosis, periorbital melanosis and various other conditions were discussed. Talk by Dr. Sahana M Srinivas, a Paediatric Dermatologist on Genetic Hyperpigmentary Disorders followed by a talk on Approach to a Child with Acanthosis Nigricans by Dr. Ajay Hanumanthu, Endocrinologist. This was followed by 6 paper presentations by various post graduates from various medical colleges within Karnataka along with a PG Quiz on Hyperpigmentary Disorders which was conducted by Dr. Vinutha R.



Induction Program for BSc & MSc on 7th October 2022



Induction Program for MBBS Students OF 2022-23 batch on 28th Nov 2023

The program was presided by Dr.Surinder Singh, Vice Chancellor of JSSAHER. Guest of honor Dr.Sudeendra Bhat, Controller of examinations, JSSAHER, Dr.H.Basavana Gowdappa, Principal JSS Medical college and Administrative Officer, Mr.Sathish Chandra S.R. graced the occasion. The "Academic calender" for students, the book "One thing I would like to tell you" 2nd Edition and the book "Textbook of Histology" by IB Singh 10th Edition were released by the dignitaries. This was followed by administration of Maharshi Charak Shapath to the students. Dr.Surinder Singh, Vice Chancellor of JSSAHER, addressed the students and emphasised on the key roles played by the competent physician in the society. He also talked about the illustrious legacy of quality of medical education provided by the medical college. He assured the parents that the college offers best infrastructure, conducive environment - feel at home and good encouraging working environment.

The students were given overview of JSSAHER, JSS Medical College and JSS Hospital. these were followed by sessions on CBME curriculum, examination pattern, passing criteria and attendance. An introduction to family adoption program was given to students. the students were also introduced to their mentors in the membership program.



Library workshop – 15th to 17th Nov.2022

On the occasion of National Library Week, a three-day Library Workshop on '**Utilization of E-Resources and Enhancing Research Visibility**' was organized by the Library Committee of JSS AHER from 15th to 17th November 2022. at Shri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. The primary objective of the workshop was to promote the use of E-learning, enhancing research skills, awareness of available E-resources in JSS AHER libraries, enable to acquire knowledge on current technological developments in research fields, to improve teaching skills and learning abilities and channelize development in Research.

The participants of the workshop were faculty, research scholars and post graduate students from constituent colleges of JSS AHER and Librarians from sister institutions of JSS Mahavidyapeetha.

The workshop began with the keynote address from Prof. T.D. Kemparaju. The three-day workshop provided an insight into a vast set of topics on understanding the approach to publications, importance of E-resources in enhancing research output, a glance on building research visibility, importance of plagiarism software in successful research, discussion on importance of citation and reference management. The session on Social Resilience was unique in this workshop. The views expressed in the workshop by the resource persons, and publishers were well appreciated by the participants. The presentations on various tools and techniques made the participants re-think ideas, which they embrace Instinctively in their day-to-day life. The sessions by all the resource persons were very thoughtful and engrossing.

Summary of feedback from JSS MC participants on Library workshop:

Total # of participants	Feedback Received %	Excellent + Good %	Moderate %	Net Promoter Score (NPS)
120	89	95	5	100

Notable key (as is) comments (as is) from participant's feedback

- 'All the topics were very apt, interesting, and valuable, specifically for research scholars'
- 'Provided an insight to research scholars and faculty arena on various e-resources available in the library and the tools & techniques to prepare the thesis precisely'
- 'Workshop enabled us (research scholars) to enrich our knowledge on thesis writing'
- 'More such workshops should be held such as scientific publications, research-oriented topics, writing effective thesis and articles, and tools and techniques for search strategy'

The workshop was also aired Live on YouTube on all 3 days.



CME - COAG PATH, on 5th Nov 2022

The department of Pathology JSS Medical college organised one day CME - COAG PATH, on 5th Nov 2022. Scientific sessions included lectures on laboratory work up of bleeding disorders, thrombophilia work up , acute traumatic coagulopathy and clinical use of coagulation tests. Two panel discussions - one on quality control protocols and another on massive transfusion protocols were also held. A total of 179 delegates participated in the CME program. Very good feedback's we're obtained from delegates.



Cadaveric Oath for the new batch of MBBS Students 2022-23 on 13th December 2022.

Morning Session: Dr.Pushpalatha K, Professor of Anatomy, briefed about the significance of AETCOM module 1.5 Cadaver as my first teacher. Chief guest for the program Dr.CM Nanjaiah, Senior professor enlightened about the importance of Body donation and was felicitated . Dr.Deepa Bhat, Associate Professor, administered the cadaveric oath to the students whereby the students pledged to respect the cadavers, pay gratitude to family and serve the society through high quality health care.

Afternoon Session: Chief guest for the program Mr. CG Nagaraj shared his thought about body donation and was felicitated. Dr.H. Basavanagowdappa, Principal explained the importance of cadaver/ patient as teacher of medical students. Dr.Najma Mobin, Associate Professor, administered the cadaveric oath to the students whereby the students pledged to respect the cadavers, pay gratitude to family and serve the society through high quality health care.

This solemn ceremony impressed upon the students, the selfless act of body donation by donors and the importance of cadavers in learning Anatomy.



Workshop on Basic and advanced techniques in pharmacogenomics – 22-02-2023

The Department of Medical Genetics and the Department of Biochemistry, organized a pre-conference workshop on “Basic and advanced techniques in pharmacogenomics” Twenty-four delegates from various medical and pharmacy colleges participated in this workshop. The workshop consisted of lectures as well as hands-on sessions on different techniques which are generally used in pharmacogenomics.

The workshop began with a lecture by Dr. Vinay Kumar Rao, Assistant Professor, Department of Medical Genetics, JSS Medical College, who gave a broad introduction to pharmacogenomics. Following this, another lecture by Mr. Prince Jacob, Assistant Professor, Department of Medical Genetics, on DNA extraction methods. The delegates had their first hands-on session on “DNA isolation using Himedia kit” demonstrated by Mr. Siddharth, Ms. Vaibhavi, and Dr. Surajj. Post-lunch hands-on session on DNA quantification by Nanodrop technology given by Dr. Surajj and Ms. Vaibhavi. Following this hands-on session on DNA “Quality assessment by Agarose gel electrophoresis” was given by Mr. Siddharth. A practical session was demonstrated on “Polymerase chain reaction setup”, by Mr. Siddharth and Ms. Anju. After a short break, Dr. Arshia Angural, Assistant Professor, Department of Medical Genetics, gave a lecture on the “Role of Sequencing Technologies in Pharmacogenomics”. Following this, the final practical session of “Gel electrophoresis of the PCR amplicons and data interpretation” was performed.

After various lectures and hands-on sessions in pharmacogenomics, a post-workshop test was given to the delegates. The workshop concluded with a photo session, distribution of participation certificates, and the best performer award was given to the top scorer in the pre and post-workshop tests conducted.



Mental health training workshop on 17th Feb 2023



This programme was targeted at:

- Generating awareness about mental health issues among students and teachers
- Training them for indicators of common mental health issues in students
- Need for a rigorous school mental health programme in each school
- Heads' role in regulating and monitoring mental health related activities in their schools which are to be conducted by mental

health coordinators (4 nodal teachers in each school or college, who will be trained by trainers from the Dept of clinical psychology and psychiatry)

- Need of establishing Mental Health Advisory Board in each school or college as per direction of NCERT, New Delhi
- Importance of regular reporting of the mental health activities being conducted in schools to respective directors of the division.

CUTIS FACE OFF – 17TH & 18TH MARCH 2023

The Department of dermatology and Department of Anatomy, JSS Medical College, JSSAHER, Mysuru along with CUTIS Academy of Medical Sciences, Bengaluru organised the Face Off Hands on cadaveric and Injectable Workshop on 17th March 2023 (Dissection Hall, Department of Anatomy, JSSMC) and on 18th March 2023 (Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru). Dermatologists and plastic surgeons across India were trained in this Hands on cadaveric and injectables workshop. This workshop was based on applied anatomy and dermatology focused on advanced Botox and fillers injection techniques for facial rejuvenation and trained young Dermatologists. Internationally renowned Dr.Naimh Corduff, plastic surgeon from Australia was the key resource person. The two-day event was facilitated by Dr.B.S.Chandrashekar, Director, CUTIS Academy, Bengaluru. On 17 March, 6 cadavers were injected and then dissected to understand the anatomy in the applied aspects at JSS anatomy dissection hall, JSS medical college.

There were 6 stations 8 expert trainers and 50 trainees across India. Around 30 volunteers were injected with Botox and different types of fillers. Fascial rejuvenation techniques were demonstrated & soft skills were analysed.

Department of Anatomy conducted embryology model making competition between April 10th - 20th 2023

Embryology is one of the prime branches of Anatomy of great clinical importance. It demands huge efforts from both faculties to make the concepts clearer to the students but unfortunately most of the time, students skip this branch. With this background, as a part of innovative teaching learning, Department of Anatomy conducted embryology model making competition between April 10th - 20th 2023. Students were instructed about guidelines of competition. The entire 250 batch was divided into 32 teams of 7-8 students per batch, topic was made to pick by the team representative a day before the competition. Students prepared the embryology models during histology practical hours and the in-charge staff of respective batches allotted the marks. To encourage the students, judges have been invited to judge the models and prizes were given based on their assessment, Mr S J Srinivasan Senior technical officer, Regional Museum of Natural history, Mysore, Mr Sumanth R M clinical embryologist JSS Hospital, and prize distributed the winners.



Student Research fair – 2023 – 17th & 18th May 2023



Students Research Cell of JSS Medical College has organized Research Fair 2023 for the fourth consecutive year on 17th and 18th of May 2023. Poster presentation competition, Best Dissertation Award Competition and Best Publication Competition were organized as a part of Research Fair. Eminent faculty members from different colleges across the state judged the posters and dissertation presentations. A total of 136 final year post graduates presented the posters and eight out of them received best poster awards. Out of 67 post graduates who had applied for the best dissertation competition, 12 have got selected for the final round of presentations and among them one received the first prize and runner up prize for the best dissertation.

Role-play on Protein Metabolism on 2nd June 2023



Department of Biochemistry organized “Role-play on Protein Metabolism” as a part of the innovative teaching-learning activity for the first-year medical undergraduates on 2nd June 2023 at JSS Medical College. The entire class was divided into four sections and each section was further divided into ten groups with at least 6-7 students in each group comprising a total of 40 groups for a batch of 250 students. The performance of the groups was evaluated by one internal and one external subject expert. We are greatly appreciative of Dr.Meera S. Professor & Head and Dr.Shubha Jayaram, Professor, Department of Biochemistry, Mysore Medical College and Research Institute for readily accepting our invitation and agreeing to judge the event. All the students wholeheartedly participated.

Scope of Anatomy in Future on 17th June 2023

Department of Anatomy, in association with **Karnataka Chapter of Anatomists** organized a National CME on «Scope of Anatomy in Future» held on 17th June 2023.

Guest of honor by Dr. Prakash B S President of KCA spoke about the importance of anatomy and the use of anatomy in our day-to-day lives. He shed light on the ways to make Anatomy more interesting and the use of technology in Anatomy teaching. Dr. Surinder Singh Vice Chancellor of JSSMC addressed the gathering. He advised the students and young anatomists present to go beyond their qualifications and think out of the box and focus on participation in clinical trials gene therapy and cancer research. Dr. Sudha Seshayyan delivered the keynote address where she stressed the untouched intricacies in the vast field of Anatomy such as microanatomy, imaging, genetics, and cosmetic surgery. She ended her talk by saying Anatomy is an ever-new and dynamic subject.



Statistical Methods and Research Techniques - Using SPSS (SMART 8.0)

The Department of Community Medicine organized a three-day workshop titled " Statistical Methods and Research Techniques - Using SPSS (SMART 8.0) " in Hybrid Mode from 5th to 7th June 2023. The event aimed to enhance participants' proficiency in statistical analysis and research methodologies using the Statistical Package for the Social Sciences (SPSS) software. Mr Arun Gopi, Coordinator provided a comprehensive platform for more than 40 national & international delegates to explore the versatile features of SPSS and learn how to effectively implement statistical methods in their research projects.



INTERNS ORIENTATION PROGRAM 2022-23

The Medical Education Unit conducted one day Orientation Programme for Interns of Supplementary Batch of 2021-22 on 25th August 2022 from 09.30 AM to 11.00 AM at Lecture Hall No-02, Ground Floor, JSS Hospital, Mysore. A total Interns attended the programme.

Dr. Shilpa C, Member of Medical Education Unit, welcomed the dignitaries and the participants. This was followed by address by Dr. H. Basavanagowdappa, 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. GV Manjunath, Vice Principal (Clinicals) and Deputy Director, 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 spoke on duties and responsibilities of interns, spoke about practical issues faced during internship. Dr. Shwethasri M spoke on Introduction to Community Medicine Postings. Dr. Shivanand Manohar J spoke on communication skills.



INDUCTION PROGRAM FOR MBBS STUDENTS OF 2022-23 BATCH (28.11.2022)

The program started by seeking the divine blessings of His Holiness Jagadguru Sri Shivarathri Rajendra Mahaswamiji and His Holiness Jagadguru Sri ShivarathriDeshikendra Swamiji. a warm welcome was offered to all dignitaries, faculties, students, and colleagues by Dr Suma M N, Vice Principal JSS Medical College, Dean Faculty of Biomedical sciences, Professor & Head, Department of Biochemistry. Dr. Surinder Singh, Vice chancellor of JSSAHER, released the Academic calendar, Dr Sudeendra Bhat, Controller of examinations released the book “One thing I would like to tell you” which is conceptualised entirely by students of JSS Medical college.

Dr H Basavanagowdappa, Principal JSS Medical college released the book “Textbook of Histology” by IB Singh 10th Edition, Revised and edited by Dr Pushpalatha K, Member secretary Medical Education Unit JSS Medical college, Professor and Head Department of Anatomy and Dr Deepa Bhat Associate Professor, Genetic Counsellor JSS Medical college. IB Singh textbook of Human. Maharshi CharakShapath was administered to the students by Dr.Sunil Kumar D, Professor and Head Department of Community Medicine.

Dr.Basavanagowdappa, Principal, gave an overall outline of CBME curriculum. Dr Sudeendra Bhat, Controller of Examinations addressed the gathering regarding the importance of induction program.

Dr Surinder Singh, Vice Chancellor of JSSAHER, addressed the students and emphasised on the key roles played by the competent physician in the society. An overview of JSS AHER was delivered by Dr.Prashant S, Deputy Director of Academics, JSSAHER. He emphasised on skill, reskill and upskill.

Dr Praveen Kulkarni Vice Principal Paraclinical, JSS MC, Associate professor, Dept of Community Medicine, JSS MC gave an overview of JSS Medical college to our students. Dr Manthappa M Vice Principal Clinical, JSS MC and Associate professor, Dept of Medicine, JSS MC gave an overview of JSS Hospital to our students. Students were given an overview on the CBME curriculum by Dr.Pushpalatha K, Professor and Head of Anatomy.

This was followed by a talk on Examination pattern and the passing criteria by Dr. Renuka M, Deputy Controller of Examination, JSSAHER. Dr NayanabaiShabadi gave an introduction about the family

adoption program. Dr Rajalakshmi R, Professor and Head Department of Physiology presented about mentorship program and the roles and responsibilities of mentees and mentors.



FOUNDATION PROGRAM FOR MBBS STUDENTS OF 2022-23 BATCH FROM 29.11.2022 to 10.12.2022

Foundation Course:

The Medical Education Unit has conducted Foundation Course for 1 MBBS Students of JSS Medical College from 29th November 2022 to 10th December 2022. Awareness on ragging and its consequences by Dr. Chandrakanth.H.V, Professor and HOD, Department of Forensic medicine, JSSMC. Awareness on gender harassment and its consequences by Dr.Vidya.C.S, Professor and HOD ,Department of Anatomy,JSSMC_ History of medicine by Dr.Srinath.K.M ,Professor , Department of Medicine. _Afternoon session was started by introduction to kannada class by Dr.Bheemaraju From School of life sciences ,JSSAHER. Introduction on kannadavarnamale was given and with the help of kannada MBBS students interactive sessions were done.



1. Principles of primary care by Dr.Nayana Bai Shabadi, Assistant Professor of Community Medicine, JSS Medical College.
2. Interpersonal relationship and Communication Skill by Dr. Nithin B. Associate Professor, Department of Surgery, JSS Medical College
3. **Awareness on Traffic rules and Road safety** by Mr.Prasana Kumar Inspector VV Mohalla, Mysuru. He spoke about the few very important traffic rules for younger generation in easy way
4. Time management” by vice-principal pre-clinical Dr. Suma M N.
5. Stress management by Dr. Shivanand, Assistant professor, Dept. of Psychiatry, JSS Hosipal.
6. Positive attitudes by Administrative officer Mr. Satish Chandra S R. JSSMC.
7. ‘First Aid’ by Dr. Madhu Srinivasarangan, Associate Professor, Department of Emergency Medicine



8. Physician's Role in Society by Dr. Amogashree, Senior Resident,
9. Concept of Biosafety – Handling Biowaste / Biomaterial Management' by Dr. Ranjitha Shankara Gowda, Assistant Professor, Department of Microbiology.
10. National Health Policies' by Dr. Smitha M C, Assistant Professor, Department of Community Medicine.
11. Shwetha Shree M, Assistant Professor of Community Medicine, JSS Medical College on the topic "Universal Precautions & Vaccinations & Immunization requirements of health care professionals."
12. Dr. Shivaprakash. S, Assistant Professor of Anatomy, JSS Medical College spoke on relevance of ethics to students.
13. Dr. Madhu B. Professor, Department of Community Medicine, JSS Medical College and Deputy Director (Research) JSS AHER, Mysuru on the topic "Research in Undergraduates".
14. **Dr. Deepa Bhat**, Associate Professor of Anatomy, JSS Medical College on the topic "**Reflective Writing**".
15. Professionalism and Attitude by was Dr. Shasthara, Assistant Professor, Department of Neurology. The speaker was introduced by Dr Shwetha K.
16. The session was about Yoga and Life style by Dr Sandhya Assistant Professor, Department of ENT. The speaker was introduced to the student by Dr Shwetha K.



17. Introduction to medical humanities by Dr. Praveen Kulkarni, Vice Principal (Paraclinical), Associate Professor of Community Medicine JSS Medical College, Mysore.
18. Next session was on Pandemic module History of outbreaks, epidemics and pandemics by Dr. Vidya Vathi B Chittaragi, Assistant Professor of Microbiology, JSS Medical college and Hospital,

Mysore. Dr. Vidya enlightened the students about the various pandemic out breaks in the past. How the mankind responded and survived various pandemics which costed million lives. She also emphasized on the need to understand the history of outbreaks in order to face the future. More elaboration was on the recent COVID pandemic. The challenges, consequences, after effects of COVID and how it was dealt by various sectors specially by health sector was well informed. Being a microbiologist speaker pondered on the details of the virus, role of vaccination and preventive measures in controlling the pandemic.

19. **BLS** : Speakers: Dr. Archana S., Assistant Professor, Department of Anesthesiology, Chief co-ordinator of skill & simulation lab, and Dr. Vinitha K.R., Assistant Professor, Department of Physiology.



20. Dr. Rashmi P Mahale, Associate Professor of Microbiology delivered talk on infection control in the hospital.
21. Using JSSU **Online portal** By Dr. Ravindra R., CIO & HoD , Information Technology, JSS Academy of Higher Education & Research

WHITE COAT CEREMONY FOR MBBS STUDENTS OF 2022-23 BATCH (10/12/2022)

White coat ceremony began at 9:00am in gallery 6. The ceremony was presided by Dr. Suma M.N. Vice Principal (Preclinical), JSSMC, Dr. Praveen Kulkarni, Vice Principal (Paraclinical), Dr. Manthappa, Vice Principal (Clinical). Dr. VijayaVageesh Y, Associate Professor, Department of Physiology, co-ordinated white coat ceremony. Dr. Praveen Kulkarni welcomed and gave the opening remarks. The importance of white coat was told to the students. The White coat was worn to students by the guests and Dr. Rajeshwari L, Professor & Head, Department of Physiology. Dr. Manthappa read the white coat oath to the students and all students repeated the oath. Later students were instructed about their regular classes from Monday 12/12/2022. Dr. VijayaVageesh Y gave the vote of thanks and concluded the ceremony.

Orientation Programme for Postgraduates of 2022-23 Batch (04/01/2023)

The Medical Education Unit conducted Orientation Programme for Postgraduates of 2022-23 Batch on 04th January 2023 from 09.30 AM to 01.00 PM at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. A total 140 Postgraduates attended the programme.

Dr. Arun M, Co-ordinator of Medical Education Unit, welcomed the dignitaries and the participants. This was followed by address by Dr. H. Basavanagowdappa, 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 occasion and stressed about the medical ethics. Dr. Praveen Kulkarni, Vice Principal (Para Clinicals), JSS Medical College spoke on JSS Medical College and Hospital.

All Heads of the Departments were introduced by Dr. Deepti. After self introduction of Postgraduates. Dr. Arun M talked about the Course Schedule and CBME in the PG Curriculum. Dr. Ashwini P K talked about the selection of the topic for the dissertation. Dr. Madhu B spoke on Research opportunities at JSSAHER.

Two Senior Postgraduates spoke on 'How to make best use of residency programme?'. The participants gave their feedback at the end, where they conveyed that the Orientation Programme was highly beneficial Programmes. A total of 140 postgraduates availed the benefit of the programme.



Three-day Workshop on Revised Basic Course Workshop in Medical Education Technologies for Senior Residents 2023

The Medical Education Unit (MEU) organized a three-day workshop from 28th to 30th March 2023 at the MEU, II Floor, JSS Medical College for the Senior Residents. The workshop aims to train Senior Residents across all Basic Medical Education Technologies Departments. The workshop is intended to enable them to handle the teaching assignments of the Competency-Based Medical Education (CBME) Curriculum of MBBS efficiently.

On 28th March 2023, a three-day workshop for senior residents commenced at JSS Medical College. The inaugural session began with the keynote address by Dr Manjunatha B. Dr H. Basavanagowdappa, Principal of the college, highlighted the unique initiative by JSSMC MEU for this workshop for senior residents. Dr Suma M N, the Vice Principal, spoke and wished the participants. Dr Praveen Kulkarni, Vice Principal (para clinical) & Dr Manthappa M, Vice Principal (Clinical), extended their best wishes for the workshop.





Orientation Programme for Interns of 2023 Batch (01/04/23)

The Medical Education Unit conducted one day Orientation Programme for the Interns of 2023 Batch on 01/04/2023 from 10.00 AM TO 04.30 PM at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. A total 123 Interns attended the programme.

Dr. Arun M, Convenor of Medical Education Unit, welcomed the dignitaries and the participants. The programme began with address by Dr. H. Basavanagowdappa, Principal, JSS Medical College. He first congratulated the interns and advised the young doctors to work with commitment and dedication. Dr. C P Madhu, Medical Superintendent, JSS Hospital, spoke on the occasion and stressed about the importance of proper communication and punctuality in the profession. Dr. Manthappa M, Vice Principal (Clinicals), JSS Medical College addressed the interns regarding the functioning and workflow in hospital and emphasized on professional behavior with coworkers and seniors. The Programme was also presided by Dr. Manjunath G, Deputy director, diagnostics, JSS Hospital and Dr. Praveen Kulkarni, Vice Principal (Para Clinicals), JSS Medical College.

Dr. Madhu Srinivasarangan, Associate Professor, Department of Emergency Medicine emphasized on 'Duties and Responsibilities of interns' followed by an talk by Dr. Nithin KB, Assistant Professor, Department of General Surgery on Writing of Case sheet and Prescription.

A short tea break was followed by briefing on Medical Commission (Compulsory Rotating Medical Internship) Regulations, 2021 by Dr. Pushpalatha K, Professor, Department of Anatomy. Next session was on Introduction to Community Medicine postings and Dr. D. Shwethashree M, Assistant Professor, Department of Community Medicine engaged the session. Dr. Chethak KB, Associate Professor, Department of Pediatrics spoke on Precautions to be adopted during COVID Pandemic. Dr. Deepashri, Assistant Professor, Department of Microbiology oriented our interns on Hospital Infection Control Practices after which there was a lunch break.

Post lunch, Dr. Smitha Rani, Associate Professor, Department of Forensic Medicine and Toxicology delivered her talk on Handling Medicolegal Cases. The second session post lunch was on Orientation towards National TB Elimination Programme and Nayana Shabadi, Assistant Professor, Department of Community Medicine engaged the session. This was followed by the views of Dr. Ullas Gowda, post graduate, Department of Orthopedics and Dr. Saloni Gupta, post graduate, Department of Surgery on how to make best use of Internship. Following this, Dr. Praveen Kulkarni, Professor, Department

of Community Medicine handled a session on Communication skills. The last session was on Power of Breath by Mr. Parveen Kumar from Art of living.

The interns gave their feedback at the end, where they expressed that the Orientation Programme was smoothly conducted, highly beneficial for their Internship programme. They thanked all the resource faculty for covering the topics which had an immense value of application. A total of 123 Interns availed the benefit of the programme. The Programme ended with concluding remarks from Dr. Arun M, Convenor of Medical Education Unit followed by High Tea.

Workshop on Scientific Writing for 1st year Postgraduates of 2022-23 Batch (11/04/2023) and Scientific Writing Workshop; Group activities and synopsis presentation (25th, 26th, 27th and 28th of April 2023)

The Medical Education Unit conducted Workshop on Scientific Writing for 1st year Postgraduates of 2022-23 Batch on 11th April 2023 from 10.00 AM to 04.30 PM at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. A total of 139 Postgraduates attended the programme.

Dr. Manjunath V G, Professor of Pediatrics, welcomed the dignitaries and the participants. This was followed by an address by Dr. H. Basavanagowdappa, Principal, JSS Medical College and Dr C.P Madhu, Medical Superintendent, JSS Hospital spoke to the Postgraduates.

Dr. Pushpa V H spoke on writing meaningful introduction. Dr. Deepthi T spoke on Literature Search, writing review of literature and citing references. Dr. Smitha M C spoke on writing research question and objectives. Dr. Mythily M R spoke on Materials and Methods (Study designs). Mr. Arun Gopi spoke on Materials and Methods (Sample size estimation).

After the Lunch break Dr. Shwethashree M spoke on sampling techniques, Tools for data collection and statistical analysis. Dr. Ashwini P K spoke on Format of synopsis writing. Dr. Shilpa C spoke on Plagiarism in Scientific Writing. Dr. Prathima spoke on Institutional Ethical Committee. The participants gave their feedback at the end, where they conveyed that the Scientific Writing Workshop was highly beneficial Programmes. A total of 139 postgraduates availed the benefit of the programme.

Scientific Writing Workshop; Group activities and synopsis presentation (25th, 26th, 27th and 28th of April 2023)

The Medical Education Unit conducted FOUR Days workshop on Group Activities and synopsis presentation' as a part of 'Scientific Writing Workshop' for Postgraduates of 2022-23 Batch held on 25th, 26th, 27th and 28th of April 2023 at Medical Education Unit Hall, Second floor, JSS Medical College. The workshop was held from 10.00 AM to 01.00 AM on all days. 145 postgraduates were divided into four batches representing all departments. The members of the MEU facilitated the presentation and provided their suggestions for the betterment of the synopsis for further submission to JSSAHER.

Every Postgraduate was made to present the synopsis under the headings of Title, Objectives, and methodology/Statistical Analysis

GUEST LECTURES CONDUCTED ON EDUCATION INNOVATION AND QUALITY EDUCATION.

Date & Department	Speaker	Details
02/09/2022 Department of School of Public Health	Mr. K. Vishwanath. representing UNICEF at the Department of Health and Family Welfare, Government of Karnataka	44 students along with the faculties of the School of Public Health attended the session. The morning session began with the introduction of all the students and orientation on nutrition. A brief explanation of infrastructure, Number of beds, play area for kids, facilities available, staffing pattern at the NRC, practical demonstration on appetite starter, and preparation of F75 and F100 (supplementary food) was carried out. 
19 th October 2022	Ascension Chapter 1 by Dr Shreyans R Darla	Ascension is an initiative under the aegis of the Student Council of JSS Medical College aimed at providing a platform for students to explore their options after MBBS and to provide guidance as to how one must start their journey into their post-graduation. Featuring Dr Shreyans R Darla of the MBBS Batch of 2016 who recently passed PLAB 2 and is set to pursue his residency in the UK. Chapter 1 of Ascension will explore the road to the UK, the challenges one can expect and strategies that one must adopt to get it right 
11 th July 2022 by Paediatrics	Dr. Siddramappa Jagdish Patil, Senior Consultant in Clinical Genetics at Mazumdar Shaw Medical Centre / Narayana Hrudayalaya Hospitals, Bangalore on Utility of Genetics in Clinical Practice	He discussed about the various genetic tests that can be offered to patients with syndromes and clinical features suggestive of a genetic disorder. He also showed interesting case scenarios which could be masquerading with genetic disorders and their approach. There was a good interaction between the faculty and the speaker about the clinical utility of the various genetic tests available and their cost benefits. 

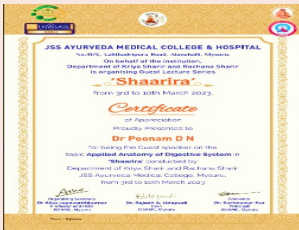
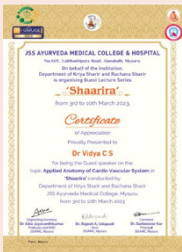
12 th July 2022 by Pediatrics	Dr.Sandesh Shivananda, Consultant Neonatologist, Vancouver, Canada	He spoke about how early signs can be monitored in PICU and NICU. He discussed about how effective staff training would help in the systematic management of the babies by early detection of deterioration. This would be helpful in reducing morbidity and mortality. There was a good interaction between the faculty and the speaker about how we improvise on our present practices to identify critical events early. 
24.09.2022 by Orthopaedics	Dr.Subramaniam on Osteoporosis and its Management	30 participants benefited from the lecture  
Orthopaedics	Dr.Sumana M.N on Modifications necessary in Antibiotic Perception practices at JSS Hospital	20 participants benefited from the lecture  
08.11.2022 by Orthopaedics	Dr.Srivatsa Boraiah, Consultant Orthopaedic Surgeon, USA on Robotics in Arthroplasty	30 participants benefited from the lecture   
Anatomy	Dr. Aakash Mugalur [MBBS, MS Orthopaedics (Mumbai), DNB Orthopaedics, MRCS(UK), MNAMS	Department of Anatomy, organised invited guest lecture for 1 st MBBS students on the topic "Surgical anatomy of Pelvi- acetabular fractures and hip joint" on 28 February 2023 by Dr. Aakash Mugalur [MBBS, MS Orthopaedics (Mumbai), DNB Orthopaedics, MRCS(UK), MNAMS, Fellow in Joint Replacement Surgery and Arthroscopy, Fellow in Pelvi- acetabular surgery (IOA-AOPAS, AOPAS)], consultant orthopaedic surgeon, Bhanavi Hospital, Mysuru. 

Pathology	Dr. Ramadas Nayak	Slide Seminar The teaching slide session presided over by Dr Ramdas Nayak was conducted on the decahead microscope and screen, which was well received by the residents and staff alike 
Anesthesia	Dr. Balavenkat, Ganga Hospital, Coimbatore	How to manage worklife balance & future in anaesthesia after postgraduation on 02/05/23, 50 participants benefited from the lecture

GUEST LECTURES DELIVERED BY FACULTY ON EDUCATION

Faculty	Topic	Date & Venue
Dr. Deepa Bhat	“Genetic Testing and Counselling in Infertility”	9th July 2022, National level by JSSMC 
	On occasion of 200 th birth anniversary of Gregor Mendel-“Genetic counseling – the key tone bridging genomic researches with clinicians”	1 st Aug 2022 by University of Mysuru, Department of studies in Genetics & Genomics
	Webinar and panel discussion “ Sickle Cell Disease- VOICE” panelist in the session on “De-veloping health-care ecosystem for SCD”.	17th August 2022 by Novartis

Dr. Vidya C S	ICC committee of JSS Medical College for 1 st MBBS students	2 nd December 2022 at JSSMC 
Dr. Pushpalatha K	CBME in PG curriculum	6 th Dec 2022 at Dept of Psychiatry, JSSMC
Dr. Vijaya Vag-eesh Y	Student Scientific Convention -2022 “ Tips for Scientific Presentation”	8 th ,9 th & 10 th December 2022 at Dental Education Unit JSS Academy of higher Education & Research, Mysuru
Dr Sunil Kumar D	Workforce education, training and skill development programme	12 th November 2022 at JSS Dental College
Dr Smitha M C	Post Graduate orientation program	20 th December 2022 at JSS Dental College
Dr Arun Gopi	Research Methods workshop	December 2022 at JSS Medical College
Dr Smitha M C	Post Graduate orientation program	20 th December 2022, JSS Dental College
Dr.H.Basavana Gowda	How the clinical science was killed in the recent pandemic?	14 th – 16 th October 2022, 2 nd SZ & SMZ APICON & 6 th TSAPICON X organized by API Telangana State chapter and API Warangal Chapter Speaker 
Dr.H.Basavana Gowda	Making Smart Treatment choices for elderly T2DM	17 th & 18 th December 2022, 18 th Annual conference Research Society for the study of Diabetes in India – Karnataka Chapter (KRSDI) on Speaker 

Dr.Madhukesh R	Surgical Approaches to Upper Limb and Lower Limb – Training on Anatomical Specimens	12 th & 13 th Nov. 2022, M.S.Ramaiah Advanced Learning Centre 
Dr.Sheshagiri V	Proximal Tibial Fractures long segment comminuted and huge skin loss and treated with Ilizarov difficulty turned to opportunities	28 th – 30 th Dec. 2022, Bangladesh 
Dr. Pratibha Matche	Pain medicine as a career option	11.12.2022, JSSMC
Dr Ashwini PK	Needles and Instruments	15 th – 20 th Sept, 2022, ACSI, Wayanad, Kerala
Dr. Najma Mobin	Applied Anatomy of Respiratory System	08-03-2023, JSS Ayurveda Medical College & Hospital, Mysuru 
Dr. Poonam D N	Applied Anatomy of Digestive System	08-03-2023, JSS Ayurveda Medical College & Hospital, Mysuru 
Dr. Vidya C S	Applied Anatomy of CVS	08-03-2023, JSS Ayurveda Medical College & Hospital, Mysuru 
Dr.Pushpalatha K	Value added program	30 th May 2023 

Dr. Akila Prashant	Foundation course on Research Methodology for MSc Students	14 th to 16 th March 2023	
Dr. M N Suma	Foundation Course on Research Methodology for MSc students	14 th to 16 th March 2023	
Dr. Divya P Kumar	SAMSKARA PG orientation programme	15 th April 2023, Govt Ayurveda Medical College & Hospital, Mysuru	
Dr. M N Suma	Faculty Induction Programme- Roles & Responsibilities of faculty	30 th May to 1 st June 2023	
Dr. M N Suma	Student support through effective mentorship	26 th to 28 th June 2023	
Dr. Neetha S Murthy	Adaptation Program for nursing students	3 rd Feb 2023, JSS Hospital	
Dr Smitha MC	Basics in First Aid	31.05.2023, Maharani Arts College, Mysuru	
Dr Sunil Kumar D	Introduction to PBAS	26 th to 28 th June 2023	
Dr Nayana Shabadi	Student support system	26 th to 28 th June 2023	
Dr.Sachin.R	Hand Hygiene: Preventing avoidable harm in Health Care	25/2/2023	

TEXTBOOKS AUTHORED OR/AND CHAPTERS CONTRIBUTED BY FACULTY.

Release of NAM-S & T fact file on Birth Defects. Contributing authors are Dr.Arshia Angural, Anju S, Siddharth Birla, Dr.Akila Prashant and Dr.H.Basavana Gowdappa.

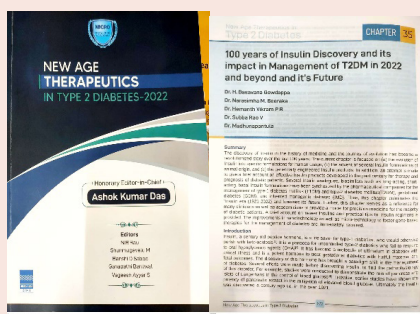


Medicine

Dr.H.Basavana Gowdappa
Dr.MVSST Subbarao

Title of the Chapter / Book
New Age therapeutics in Type 2 Diabetes - 2022

Published by
Micro Labs limited.



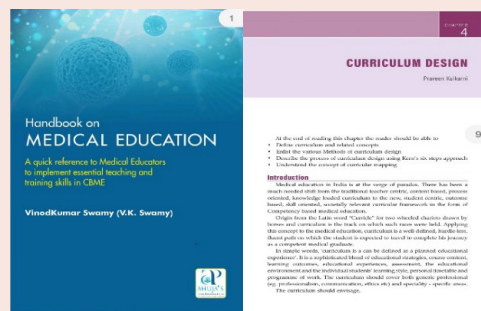
Comm. Medicine

Dr.Praveen Kulkarni

Title of the Chapter / Book
HANDBOOK ON MEDICAL EDUCATION (A quick reference to Medical Educators to implement essential teaching and training skills in CBME)

Book chapter 4 : Curriculum Design

Published by
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ISBN: 978-93-80316-871

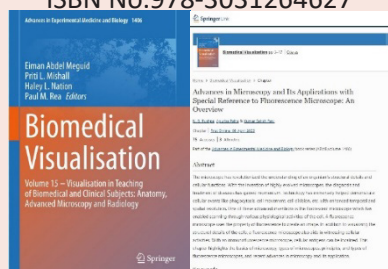


Anatomy

Dr.Pushpa N B
Apurba Patra
Kumar Satish Ravi

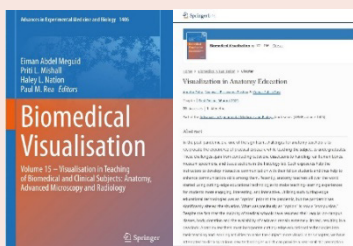
Title of the Chapter / Book
Advances in microscopy and its applications with special reference to fluorescence microscope: An overview

Published by
Springer Nature 2023 (pp 3-17)
ISBN No.978-3031264627



Apurba Patra
Dr.Pushpa NB
Kumar Satish Ravi

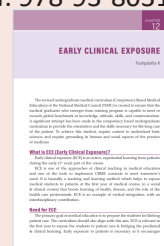
Title of the Chapter / Book
Visualization in Anatomy education
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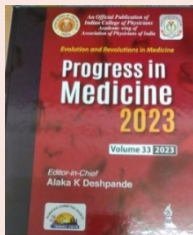
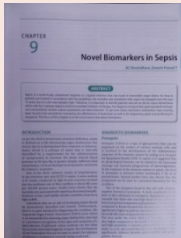
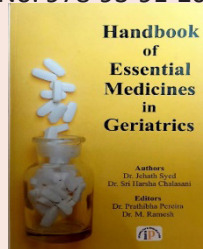


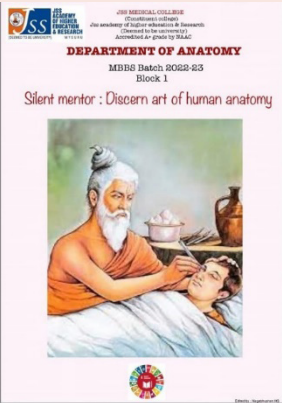
Dr.Pushpalatha K

Title of the Chapter / Book
HANDBOOK ON MEDICAL EDUCATION (A quick reference to Medical Educators to implement essential teaching and training skills in CBME)
Book chapter 12: ECE

Published by
Ahuja Publishing House- May 2023
ISBN: 978-93-80316-871



Microbiology	Medicine	Geriatrics
Apurba S Sastry, Ketan Priyadarshi, Dr.Deepashree R Title of the Chapter / Book Essentials Of Antimicrobial Stewardship Published by Jaypee Brothers Medical Publishers (P) Ltd – 2023 ISBN No. 9789356961036	Dr.K.C.Shashidhara Title of the Chapter / Book Novel Biomarkers in sepsis Published by Jaypee Brothers Medical Publishers – 2023 ISBN No. 978-93-5465-681-1  	Dr.Prathibha Pereira Title of the Chapter / Book Handbook on Geriatric Medication Published by IP- Innovative Publisher- Jan 2023 ISBN No. 978-93-91-208-58-5 
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Anatomy		
		

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5

**GENDER
EQUALITY**



**Achieve
gender
equality and
empower all
women and
girls**

**“Achieving gender
quality requires the
engagement of women
and men, girls and
boys. It is everyone’s
responsibility.”**

-Ban Ki-Moon

Contributors



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Professor and Head
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About the SDG

Gender equality is not only a fundamental human right, but a necessary foundation for a peaceful, prosperous, and sustainable world. There has been progress over the last decades: More girls are going to school, fewer girls are forced into early marriage, more women are serving in parliament and positions of leadership, and laws are being reformed to advance gender equality.

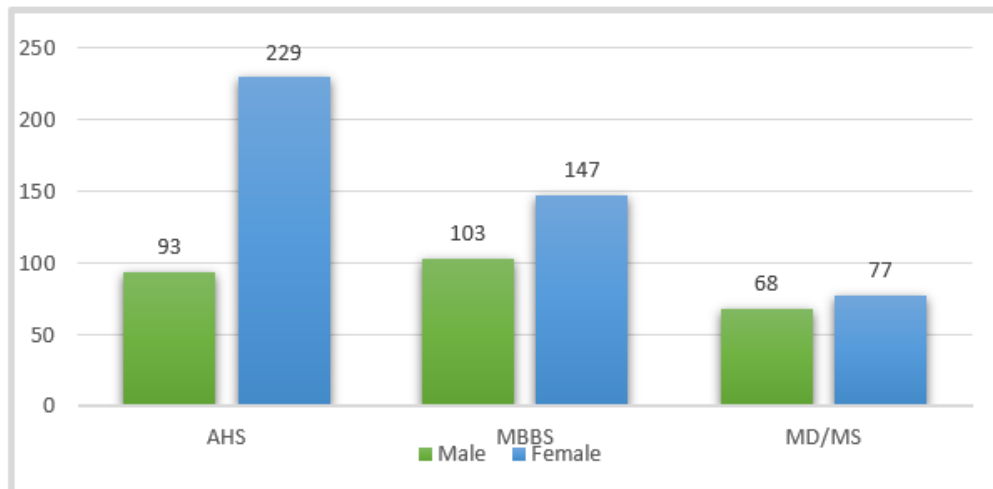
Gender equality refers to the principle of treating individuals of all genders fairly and equally, without any discrimination based on their sex or gender identity. Recognizing that gender equality is a vital component of human rights, social progress, and sustainable development, we affirm the following principles:



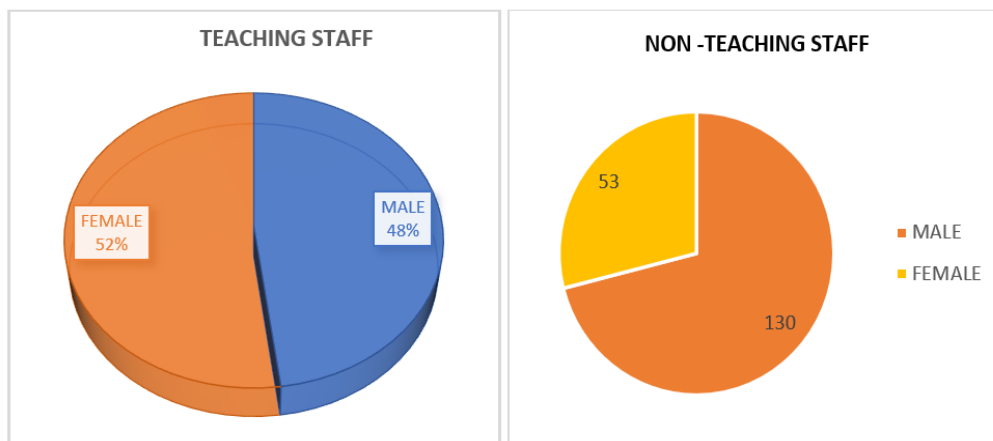
Women play a disproportionate role in responding to the virus, including as frontline healthcare workers and carers at home. Women's unpaid care work has increased significantly because of school closures and the increased needs of older people. Women are also harder hit by the economic impacts of COVID-19, as they disproportionately work in insecure labour markets. Nearly 60 per cent of women work in the informal economy, which puts them at greater risk of falling into poverty.

Gender diversity in the Institution

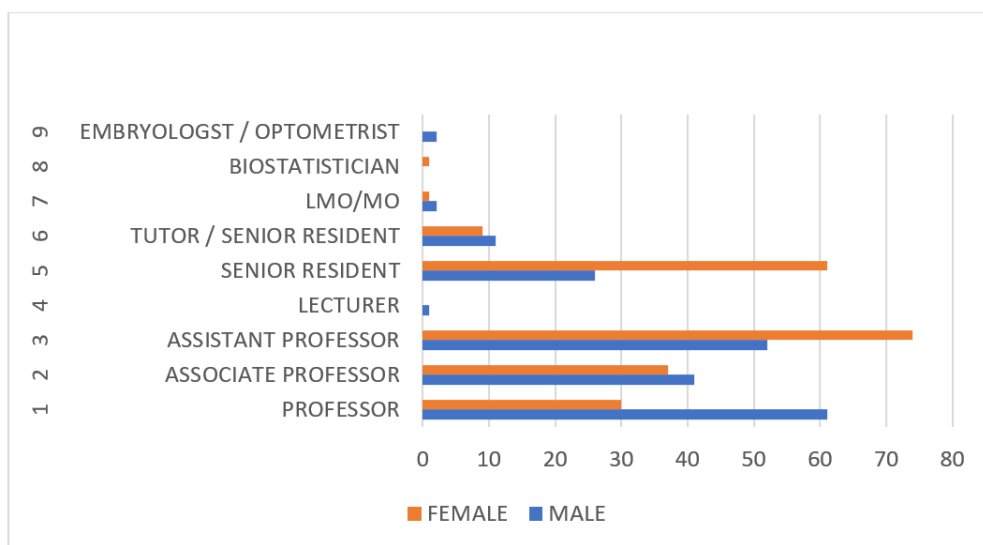
Bar diagram showing Male and female students of JSS Medical College



Gender wise distribution of Teaching and Non teaching staff



Bar diagram showing Male and female teaching faculty of JSS Medical College



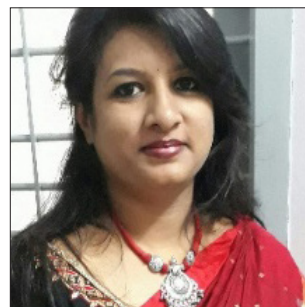
Proportionate representation of women in various Academic and non-academic position



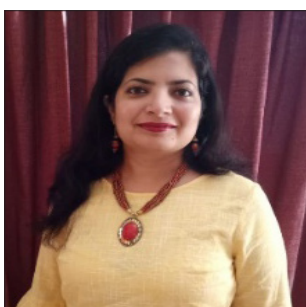
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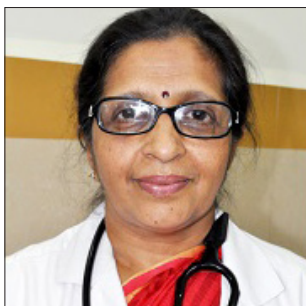
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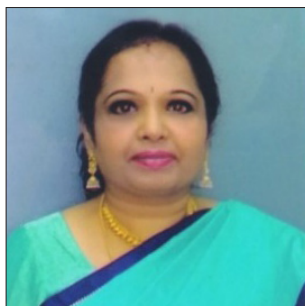
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literary Committee

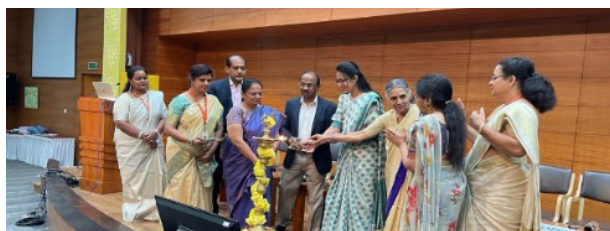


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Asst Professor of Com Med
Student Welfare Officer

3. International women's day celebration



Internal Quality Assurance Cell of JSS Medical College celebrated International Women's Day on 10th March 2023. Sri Thungesh SS welcomed the gathering. Dr. Manu G, Department of Pharmacology, sung the invocation song. Dr Manthappa M Vice Principal (Clinical) welcomed all the dignitaries of the program. The event was honoured by the graceful presence of special guests, Dr Manjunatha B, Registrar, JSSAHER, Dr. H. Basavanagowdappa, Principal JSS Medical College, Dr Suma MN Vice Principal (Preclinical), Dr Praveen Kulkarni Vice Principal (Para clinical), Dr Manthappa M Vice Principal (Clinical), Sri Satish Chandra S R, Administrative Officer, Smt Shilpa P AAO were present on the dais.

The extraordinary women achievers of JSS Medical College & Hospital were called upon the dais by Dr Praveen Kulkarni Vice Principal (Para clinical), JSS Medical College. The women achievers felicitated on the occasion were:

1. Dr Suma MN, Vice Principal (Preclinical)
2. Dr Jayanthi MK, Professor of Pharmacology
3. Dr Vijaya B, Professor of Pathology
4. Dr Rajalakshmi R, Professor of Physiology
5. Dr Suma KB, Professor of OBG
6. Dr Pushpalatha K, Professor of Anatomy
7. Smt. Rita murphy, Sr Lab Tec of Pathology
8. Smt. Kusuma GM, Sr Lab Tec of Microbiology
9. Smt. Manjula P, Typist of college office
10. Smt. Prabhamani C, Clerk/Typist of UHC
11. Smt. Gowramma, college staff
12. Smt. Mahadevi, college staff

The achievers were felicitated by Dr Manjunatha B, Registrar, JSSAHER, Dr. H. Basavanagowdappa, Principal JSS Medical College, Dr Praveen Kulkarni Vice Principal (Para clinical), Dr Manthappa M Vice Principal (Clinical), Sri Satish Chandra S R, Administrative Officer, Smt Shilpa P AAO.

This was followed by Dr. Basavanagowdappa's congratulatory words for everyone and he discerned how every woman is a champion by herself. The inspiring narrative was delivered by all the women achievers. The Guest of Honor Sri Satish Chandra S R stressed the importance of women in any organisation and its progress. Chief Guest Dr Basavanagowdappa H talked about the women equity and its importance in the current world. Dr. Sunil Kumar D delivered a vote of thanks.

Internal Women's Day by Department of Community Medicine, in association with the JSS Nursing College, Mysuru at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru on 08.03.202

The Programme was started by flag off by Dr Rama H V, Lady Medical Officer of JSS Urban Health Centre and Mr Ningaragu, Assistant Professor of JSS Nursing college for awareness rally from students of JSS Nursing College, Mysuru on the theme "DigitALL: Innovation and technology for gender equality" in the area of Medar Block, Bamboo Bazar, Mysuru. Chief guest Dr Sunil Kumar D, Professor and Head, Department of Community Medicine, JSS Medical College, Mysuru, highlighted the importance of Women's Day to the women of Jana Shikshana Sansthan. This was followed by felicitation of Mrs Akkamma, Physical Education Teacher of Government Higher Primary School of Medar Block, Mrs Gayathri, Beautician, Mrs Dhakshahini, Faculty of Jana Shikshana Sansthan, Mrs Nagamma, Vegetable Vendor, Medar Block, Bamboo Bazar, Mysuru. These successful women shared their views and motivated the audience. Dr Amoghashree, Assistant Professor and Coordinator- JSS Urban Health Centre, Department of Community Medicine, JSS Medical College, and Mrs Vidya, Assistant Professor and Mr Ningarajaru, Assistant Professor, JSS Nursing College, Mysuru were Present.



Women's Day Celebration held on 29/03/2023 Department of OBG at SRCA JSS Hospital

Head of Dept of OBG Dr S Mamatha and Staff and colleagues celebrated International Women's Day on 29/03/2023 at SRCA JSS Hospital. Chief Guests were Dr Dakshayani Principal JSS Dental College and Dr Suma MN Vice Principal JSS Medical College and with the Gracious presence of Dr Basavana Gowdappa Principal JSSMC and Dr Madhu CP Medical Superintendent of JSS Hospital The event was held after the culmination of a weeklong Adolescent Health Awareness Camp for JSS High School Girl Students .200 students benefited from the programme. On the occasion, Dr Sujatha MS former HOD OBG dept was felicitated. 3 Senior Nursing Staff members were also felicitated This was followed by a cultural programme.



Women's day celebration on March 10th 2023 by Department of Anatomy

Department of Anatomy celebrated women's day on 10th March 2023 and felicitated Mr Subramanya swamy who served as supporting staff for more than 14 yrs and presently deputed to pharmacology department



INTERNAL COMPLAINTS COMMITTEE TO ADDRESS ISSUES RELATED TO GENDER HARASSMENT

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.

Awareness session on gender based harassment and its ramifications



Dr Vidya C.S, Professor of Anatomy Department spoke on about Indian Law on sexual Harassment, sexual harassment of women at workplace, University Grants Commission guidelines and Justice Verma Committee. She explained ICC Committee & its Objectives, behaviour zones and Do's and Don'ts. on foundation Course for I MBBS students on 5 -02-2023

WOMEN PAKWADA PROGRAM FROM 5-12-22 TO 13.12.22

Date	Activity	Resource Persons	Chairpersons
05.12.22	The Rights For Women In India	Prof. K S Suresh Chief Executive, JSS Law College Mysuru	Dr. Suma M N Chairman, ICC, JSS AHER Vice – Principal, JSS MC Mysuru Mrs. Kokila M S Member Secretary, ICC, JSS AHER Dy. Registrar (Sr. Grade), GAD JSS AHER, Mysuru
	Public & Police Relationship	Mr. V Mahesh Sub Inspector, SP Office, Mysuru, Dist. Control Room	Sri. S R Sathish Chandra Administrative Officer JSS MC, Mysuru Dr. C S Vidya Prof. & HOD Dept., of Anatomy JSS MC, Mysuru Dr. Shilpa Palaksha, Asst. Professor Dept., of Pharmacy Practice JSS CPM
06.12.22	Panel Discussion: Women and Law	Moderator Dr. B P Mahesha Principal, Soundarya College of Law Bangalore Panelist Justice Smt. Kaveri Member Secretary Karnataka State High Court Legal Service Committee Dr. Komala, HOD, Department of Human Development, University of Mysore, Mysuru Dr. Kumadini Achachi Assistant Professor, Department of Social Work, JSS College of Arts, Commerce & Science, Ooty Road, Mysuru	Prof. Shivanand Bharathi Member, ICC, JSS AHER & Controller of Examination JSS Law College, Mysuru Dr. M R Dhakshaini Deputy Director (Academics) Deputy Director (CODE) JSS AHER, Vice Principal JSS DCH, Mysuru

07.12.22	GO GREEN GROW GREEN” for Health	Dr Divya Scientist @ ICAR JSS KVK, Suttur Dr. Vinay G M Scientist @ ICAR JSS KVK, Suttur	Dr. Chandan S Dy. Dean (Research), JSS AHER & Asso. Prof., Dept., of Biotechnology & Bioinformatics, SLS, Mysuru, JSS AHER Dr. Shivaraju H P Asso. Prof. & Co-Ordinator, Dept., of Environmental Science, SLS, Mysuru, JSS AHER
08.12.22	“Ergonomic wellness integrating health protection and promotion” “Work life balance skills today” Importance of Communication skills a tool for success	Resource Person Dr. Meenakshi S Sr. Lecturer Dept., of Prosthodontics JSS DCH Dr. Kishore M Prof. & HOD Dept., of Psychiatry JSS MC Dr. Sudheendra Bhat Controller of Examination, JSS AHER	Dr. Rajalakshmi professor, Dept of Physiology Dr. Praveen Kulkarni & Vice – Principal (Para Clinical) & Prof. Community Medicine Dept., JSS MC, Dr. Suma Reader, Dept of Orthodontics JSS DCH to grace the diaz
09.12.22	Self-defense by Mom & Son	Mrs. Shobhalatha & Mr. Kartheek S Kateel Suraksha For Women Trust	Dr. Asha Srinivasan Asst Prof. Division of Nanotechnology SLS, Mysuru, JSS AHER Dr. Usha Hegde Prof and HOD Dept of Oral Pathology and Microbiology, JSS DCH JSS AHER
10.12.22	Health Index of Female fraternity: Working Women @ 30+: A Panel Discussion	Dr. Mamatha HOD, Dept., of OBG, JSS MC Panelist Dr. Preethi S P Asso Prof, Dept of Surgery JSS MC Dr. Bindu Annigeri Dept of Psychiatry, JSS MC Dr. Prathiba Pereira Dept of Geriatrics, JSS MC Dr. Sumana M N Prof, Dept of Microbiology, JSS MC	Dr Vijaya B Prof, Dept of Pathology JSS MC
11.12.22	Yoga for women	Dr. Sujana M U Asst. Professor Dept., of Yoga, JSS AHER	Dr. Devanand D Asst. Dean (Academics) JSS AHER Dr. Shailaja Asst Prof, CDOE, JSSAHER
12.12.22	Essay writing competition 5 mins Short Videos	Dr. S Prashanth Dy. Dean (Acad), JSS AHER Dr. Shilpa Palaksha Dept., of Pharmacy Practice JSS CPM	Dr. Praveen Kulkarni Asso. Dean (IQAC), JSS AHER & Vice Principal (Para Clinic), JSS MC Dr. Bhagyalakshmi A Reader, Dept., of Orthodontics & Dentofacial Orthopedics, JSS DCH

13.12.22	Cyber Crime & Law: Special Reference to Women Cyber Crime & Law: Special Reference to Women	Dr. A T Jagadeesh Asst. Professor JSS Law College Mr. Aradhya Dy. Superintendent of Police, Mysuru	Dr. Sunil Kumar D HOD, Dept., of Community Medicine Mr. Sathish Chandra S R Administrative Officer, JSSMC
14.12.22	Health & Fitness	Dr. Vanitha Reddy P Co-ordinator Dept., of Nutrition & Dietetics, JSS AHER Dr. Nethravathi H Asst. Professor and coordinator Department of Nutrition and dietetics JSS AHER Dr. Amulya T.M Senior Resident Department of ENT JSS MC, Mysuru Dr. Anil Bilimane MPH coordinator School of public health JSS MC, JSS AHER	Dr. Roopa S Basutkar Asst. Professor Dept., of Pharmacy Practice JSS CPO, Ooty Dr. Deepthi Thandaveshwar Asst. professor Department of Pediatrics JSS MC, Mysuru Dr. Gowramma B Asso. Professor Department of Ph. Chemistry JSS CPO, Ooty
15.12.22	Values: Beyond Horizon	Sri. T D Ramanuja Founder Focus Academy of Life Skills and Entrepreneurship, Mysuru	Dr Vijaya B Prof of Pathology, JSS MC Dr. Madhusudan Purohit Dean (IQAC), JSS AHER



Awareness Program on Use of Menstrual Cups' Theme: Women Empowerment - A step towards sustainability



As part of the Golden Jubilee Celebrations of JSS College of Pharmacy, Mysuru (JSSCPM) and embarking the women's day celebrations, Dept. Pharmacy Practice, JSSCPM in association with Internal Compliance Committee (ICC) of JSS Academy of Higher Education & Research (JSS AHER), Mysuru organized an awareness program on use of Menstrual Cups with the theme Women Empowerment - A step towards sustainability on 24/03/2023 at Sri Rajendra auditorium, JSS College of Pharmacy, Mysuru. Ms. Harshanisha P of Tuqqin, Bengaluru was speaker for the program.

ACADEMIC EVENTS LIKE CONFERENCES, WORKSHOPS: GyAn 2022: CME on Infertility and Andrology

GyAn 2022: CME on Infertility and Andrology was organized by the department of OBG on 09th July 2022 at Sri Rajendra Centenary Auditorium at JSS Hospital, Mysore. This CME was organized to shed light on various aspects of infertility, especially, male infertility.

The resource persons included Dr Varsha Samson Roy from Bengaluru, Dr Vandana Hegde from Hyderabad, Dr Vilvopathy S Karthikeyan from Chennai and Dr Yogitha Sanjay, Dr Niveditha Shetty, Dr Deepa Bhat, Dr Jayashree S, Dr Shilpa C V, Dr Navyashree, Dr Madhuri N and Dr Swetha V Padaki from Mysore.

150 delegates had registered for the CME and included gynaecologists and embryology students from JSS Hospital as well as SRMC, Chennai and IIARTCR, Mysore. Infertility affects around 15% of married couple and JSS Hospital has been offering services to these couple at nominal charges. As an addition to the existing treatment, IUI (intrauterine insemination) treatment is being offered at the department of OBG, JSS Hospital, Mysore.

The Andrology lab, established for this purpose in JSS Hospital, Mysore was inaugurated on 9th July 2022 by the Vice Chancellor of JSS AHER, Dr Surinder Singh. Dr Manjunatha B, Registrar, JSS AHER and Dr Kushalappa P A, Director (Academics) were the guests of honour. Dr Basavanagowdappa H, Principal, JSS Medical College, Dr Madhu C P, Medical Superintendent, JSS Hospital, Mysore, Dr Suma M N, Vice principal, JSS Medical College and Dean- Faculty of Biomedical Sciences, JSS AHER and Dr G V Manjunath, Vice Principal, JSS Medical College and Deputy Director, JSS Hospital were the special invitees.



4th GURUKUL PG TEACHING PROGRAMME



Department of OBG in association with Mysuru OBG society (Affiliated to FOGSI- Federation of Obstetrics and Gynecology Societies of India) had organized "GURUKUL" PG teaching programme for the benefit of postgraduate students (MS and DNB) of various Institutions of Mysuru (JSS Medical College, Mysuru Medical College, Apollo Hospital, Kamakshi Hospital and Holdsworth Memorial Mission Hospital) including students of AIMS, Bellur.

Program was organized on 23.07.2022 at JSS Hospital, Mysuru Dr. Mamatha S & HOD Department of OBG, JSSMC Mysuru. Dr. Arathi Santhosh R Consultant, Narayana Multispecialty Hospital, Mysuru were the Moderator and conducted the Primigravida with term pregnancy by Dr. Deepthi and Dr. Subita postgraduate students from Narayana Multispecialty Hospital, Mysuru. CAPSULE: Misoprostal by Dr. Savitha Rathod Nayak, Consultant obstetrics and Gynecologist, Dept of OBG, Narayana Multispecialty Hospital, Mysuru.

NDVH & PPH WORKSHOP



The department of OBG had organized NDVH & PPH Workshop on Sunday 24.07.2022 at Sri Rajendra Centenary Auditorium, in association with Mysuru OBG Society. Non descent vaginal hysterectomy (NDVH) and post-partum hemorrhage (PPH) workshop was organized by Mysore Obstetrics and Gynecological Society, Mysore in association with the Department of OBG, JSS Medical College, Mysore on 24th July 2022 at Sri Rajendra Centenary Auditorium at JSS Hospital, Mysore. This workshop was organized to shed light on improving techniques of vaginal hysterectomy and managing post-partum hemorrhage, a life-threatening complication affecting pregnant women effectively after delivery. The resource persons for the PPH workshop were Dr Ashish Kubde, Dr Veerendrakumar, Professor and Unit head, Department of OBG, VIMS, Bellary and Dr Jayaprakash Patil, Consultant Laparoscopic and Pelvic Surgeon, Bettadur Superspecialty Hospital, Raichur. They enlightened the audience on various aspects of prevention and treatment of PPH, both medically and surgically and also covered the recent advances in conservative management of PPH.

5th GURUKUL PG TEACHING PROGRAMME

Department of OBG in association with Mysuru OBG society (Affiliated to FOGSI- Federation of Obstetrics and Gynecology Societies of India) had organized “GURUKUL”, PG teaching programme for the benefit of postgraduate students (MS and DNB) of various Institutions of Mysuru (JSS Medical College, Mysuru Medical College, Apollo Hospital, Kamakshi Hospital and Holdsworth Memorial Mission Hospital) including students of AIMS Bellur. Program was organized on 13.08.2022 at OBG Seminar Hall, JSS Hospital, Mysuru. Dr. Sudha R Professor & HOD Department of OBG, MMC & RI, Mysuru and Dr. Nagalakshmi Battacharya Consultant and Gynecologist, Kamakshi Hospital, Mysuru were the Moderator and conducted the Case Presentation of the Primary Amenorrhea by Dr. Sindu M S and Dr. Kavitha postgraduate students from Kamakshi Hospital, Mysuru.

6th GURUKUL PG TEACHING PROGRAMME

Department of OBG in association with Mysuru OBG society (Affiliated to FOGSI- Federation of Obstetrics and Gynecology Societies of India) had organized “GURUKUL”, PG teaching programme for the benefit of postgraduate students (MS and DNB) of various Institutions of Mysuru (JSS Medical College, Mysuru Medical College, Apollo Hospital, Kamakshi Hospital and Holdsworth Memorial Mission Hospital) including students of AIMS Bellur.

7th GURUKUL



Department of OBG in association with Mysuru OBG society (Affiliated to FOGSI- Federation of Obstetrics and Gynecology Societies of India) had organized “GURUKUL”, PG teaching programme for the benefit of postgraduate students (MS and DNB) of various Institutions of Mysuru (JSS Medical College, Mysuru Medical College, Apollo Hospital, Kamakshi Hospital and Holdsworth Memorial Mission Hospital) including students of AIMS Bellur.

8th GURUKUL

Program was organized on 26.11.2022 at OBG Seminar Hall, JSS Hospital, Mysuru. Dr. Virupaksha Ajjammanavar, Associate Professor & Unit Head, Dept. of OBG, JSS Hospital. Dr. Lakshmikanta G Professor & Head MMCR & RI, Mysuru as moderators were the Moderator and conducted the Case PID in pregnancy by Dr. Yashika. and Dr. Rachana postgraduate students from JSS Medical College Mysuru. CAPSULE: Bisphosphonates by Dr. Sowmyashree T Assistant Professor, JSS Medical College Mysuru.



Guest Lecture on Hypothyroidism in Pregnancy”

Guest lecture was conducted by the Department of OBG on the topic “Hypothyroidism in Pregnancy” on 27/12/2022 at OBG Seminar Hall, JSS Hospital. The guest speaker was Dr. Ajay Hanumanthu, Assistant Professor, consultant Endocrinologist, Dept of Endocrinology, JSS Medical College. Nearly 40 delegates attended this program.



GUEST LECTURES DELIVERED BY FACULTY



Dr. Jayashree. S delivered guest lecture in the 7th Annual International Conference BGCI 2022 in Session 5 – “Genetic Counselling in Reproductive Medicine” held at JSS Medical College from 1st to 3rd July 2022.



Dr. Suma K B participated as a resource person in GyAn CME 2022 held at JSS Medical College on 09/07/2022.



Dr. Mamatha. S participated as a resource person in GyAn CME 2022 held at JSS Medical College on 09/07/2022.



Dr. Prathap T participated as a resource person in GyAn CME 2022 held at JSS Medical College on 09/07/2022.



Dr. Suma K B participated as a resource faculty in ESI Satellite Symposium on 9th and 10th July 2022.



Dr. Mamatha. S participated as a moderator in Gurukul MOGS PG Teaching Programme for Case discussion on Primigravida with term pregnancy on 23/07/2022.



Dr. Suma K B participated as a Resource person in NDVH+PPH workshop on 24/07/2022 at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru.



Dr. Mamatha. S participated as a Resource person in NDVH+PPH workshop on 24/07/2022 at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru.



Dr. Jayashree. S participated as a Resource person in NDVH+PPH workshop on 24/07/2022 at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru.



Dr. Virupaksha Ajjammanavar participated as a Resource person in NDVH+PPH workshop on 24/07/2022 at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru.



Dr. Prathap T participated as a resource faculty in national level EVE Endoscopy-2022 Conference held from 22nd to 24th July 2022 at JW Marriott, Bengaluru.



Dr. Suma K B participated as resource faulty in 32nd KSOGA conference held from 23rd to 25th September 2022 at Karnataka Institute of Medical Sciences, Hubli.



Dr. Mamatha S delivered Radio talk –JSS Radio

91.2 FM for Diabetes in Pregnancy on 26/07/2022



Dr. Suma K B participated as a Resource faculty in National Nutrition week by observing the 5th Rashtriya Poshan Maah on 19/09/2022 and the topic “Nutrition in pregnancy”.



Dr. Mamatha. S participated as resource faculty in 32nd KSOGA conference held from 23rd to 25th September 2022 at Karnataka Institute of Medical Sciences, Hubli.



Dr. Suma K B participated as a resource faculty in Karnataka State Chapter AGOICON 2022 11th Annual Conference Benign to malignant: small steps to break the chain on 08/10/2022 at Kidwai Memorial Institute of Oncology Bengaluru.



Dr. Suma K B participated as a resource faculty in Symposium on Hyperglycemia in pregnancy on 14/11/2022 at Sri Rajendra Auditorium, JSS Hospital, MG Road, Mysuru.

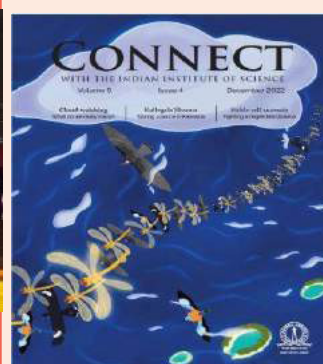
8.AWARDS AND ACHIEVEMENTS BY THE FACULTY/ STUDENTS



Dr. Vidya C.S, Professor of Anatomy bagged best poster award under Histology category for the poster titled “Sellar - suprasellar pituitary macroadenoma in a 35-year-old woman- a case report” and Dr. Vinutha S.P, Assistant Professor of Anatomy bagged best poster award under Embryology category for the poster titled “The Spectrum of Congenital Anomalies among Stillborn in a Tertiary Care Hospital: A Fetal Autopsy Study” at International conference organized by SRMC Chennai held on 22nd and 23rd July 2022.

Dr. Rachana Aravind won 2nd Prize for the case presentation BSOG CME 2022 OBG Society held from 13th to 17th July 2022 at Bengaluru. Dr. Pushpa won 5th position in the top five for the case presentation BSOG CME 2022 OBG Society held from 13th to 17th July 2022 at Bengaluru

Dr. Vidya C. S, Prof. & HOD of Anatomy was felicitated for authoring Textbook- Quick review in Anatomy and Dr. Pushpalatha. K, Professor and Dr. Deepa Bhat, Asso. Professor, Department of Anatomy were felicitated for editing IB Singh Text book of histology-10th edition in the national conference organized by ASI & GIMS Gadag from 8th to 11th December 2022.



Dr. Deepa Bhat, Asso. Professor of Anatomy was featured for her contribution in the field of sickle cell disease and tribal health in the CONNECT - Indian Institute of Science quarterly magazine released by Office of

Communications - Indian Institute of Science on 30th December 2022.



Dr. Hemamalini, Associate Professor of Anatomy won the Best Oral Presentation award (Faculty Category) for “Variations in the origin of profunda femoris artery, its circumflex femoral branches and clinical significance” under gross Anatomy category at the BMSECON-2022, 3rd International virtual e- conference organised by AVMCH, Pondicherry, held from 17th to 19th November 2022.



Dr. Pushpa N.B, Assistant Professor, Department of Anatomy, awarded the Best Oral Presentation (Faculty Category) for “Histopathological analysis of effect of PIH on fetal kidneys using special stains and IHC” at the BMSECON-2022, 3rd International virtual e- conference organised by AVMCH, Puducherry, held from 17th to 19th November 2022.



Dr. Shwethashree M, Asst. Professor, Department of Community Medicine received Social Innovation Device award for her work on Malaria Technology during Medical Device Innovation Course from 2nd September to 2nd October 2022.



Dr. Mythily M.R, Sr. Resident, Department of Community Medicine received Award for Best Scientific Full Paper in National level conference - My Nutricon 2022 held on 6th to 8th December 2022.



Dr. Smitha Rani, Assistant Professor in the Department of Forensic Medicine and Toxicology won second position in Paper presentation (Professional Category) at the IASR International Conference on Forensic Science held from 26th to 28th August 2022 organized by International Association of Scientists and Researchers, New Delhi. Her paper was titled “Significance of Death Scene Investigation by Forensic Medicine Expert: A Case Report.”



Dr. Pratibha Pereira, Professor & Head, Department of Geriatrics received Sri Sunku Subrahmanyam Memorial Oration award for the year 2022 in 18th International Conference of Geriatric Society of India held at Kolkatta on 02/12/2022.



Dr. Shilpa Avarebeel, Assistant Professor, Department of Geriatrics has received National Award as Young Scholar 2022 in National Geriatric Conference (GERICON 2022) held in Kolkata from October 28th to 30th 2022. She has received a Gold medal and cash prize.



Dr. Ashwini P.K, Asso. Professor, Department of Dermatology received Dr. Sardarilal Memorial Award for best article in Study of Sexually Transmitted Diseases & AIDS at 46th National Conference of IASSTD & AIDS, Hyderabad during 9th to 11th September 2022.



Dr. Suma K B was felicitated by DC for inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC on 08/02/2023 at Maya's Kings Kourt Hotel, Mysuru



Dr. Jayashree S was felicitated by DC for inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC on 08/02/2023 at Maya's Kings Kourt Hotel, Mysore.



Dr Virupaksha Ajjammanavar was felicitated by DC for inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC on 08/02/2023 at Maya's Kings Kourt Hotel, Mysore



Dr. Mamatha S was Felicitated by Terapanth Mahila Mandali on 15/03/2023 at Mysore



Dr. Pushpa N.B., Associate Professor, Department of Anatomy received **"Certificate of Excellence"** for Assistant Editor of NJCA journal on 3rd March 2023 at 11th SOCA conference held at Ludhiana



Dr. Pushpa N.B., Associate Professor, Department of Anatomy received Best Presentation, Animation category "National E-Conference on Plastination Techniques" at Saveetha Institute of Medical and technical sciences, Chennai on 3rd Jun 2023



Dr. Prathima C, Associate Professor, Department of Pharmacology was awarded “**Best poster presentation**” titled “NRF2 modulatory potential and anti-cancer activity assessment of Novel 1, 2 Oxazines Invitro and In-vivo.” in the 52nd Annual conference of Indian Pharmacological Society 2023 (52nd IPSCON 2023) held at JSS College of Pharmacy, Mysuru from 23rd to 25th February 2023.



Dr. N. M.Nandini, Professor, Department of Pathology was awarded the Silver award of 8th IHW Award 2022 in the category of Excellence in Healthcare access and affordability. Award issued by NITI Ayog Govt. of India, Parel, Mumbai on 19th January 2023.



Dr. N. M. Nandini, Professor, Department of Pathology received Outstanding scientist Award at INSO Conferences, Organised by VDGOD Professional associates international conference for Award Winner in Engineering, science and Medicine. Pondicherry, India on 15th & 16th April 2023.



Dr. Ranjitha Shankaregowda, Assistant Professor, Department of Microbiology was awarded “Best performers of the day” on 8th February 2023 during the Advanced National workshop on Antimicrobial Stewardship held between 6th to 10th February 2023 conducted by Hospital Infection Unit and Department of Microbiology at JIPMER, Pondicherry.



Dr. Vidyavathi B. Chitharagi, Assistant Professor, Department of Microbiology was awarded “Best performers of the day” on 8th February 2023 during the Advanced National workshop on Antimicrobial Stewardship held between 6th to 10th February 2023 conducted by Hospital Infection Unit and Department of Microbiology at JIPMER, Pondicherry.



Dr. Pratibha Pereira, Professor and HOD, Department of Geriatrics, has won Best Overall Presentation Award for her paper on BCG booster to prevent COVID 19 in elderly in 4th International conference Gerontology and Geriatric Medicine “Silver Age 2023” held as hybrid mode in Colombo, Sri Lanka on 26th & 27th May 2023.



Ms. Lakshana D.P, PG Student, Dept. of Biochemistry, JSS Medical College, Mysuru received Padma Vibhushan Prof. U.R. Rao Award 2022 (Post graduate level) for her innovative project entitled “To analyze the protective role of quercetin and saroglitazar on ethanol induced hepatic steatosis” carried out under the guidance of Dr. Prasanna K.Santhekadur, Asso.Professor of Biochemistry, organized by Karnataka Science and Technology Academic (KSTA), Dept. of Science & Technology, Govt. of Karnataka on 7th March 2023.



Ms. Harshitha & Ms. Varsha D.S., Ph.D. Scholars, Dept. of Biochemistry, JSS Medical College, Mysuru received “Savitribai Jyotirao Phule Fellowship for Single Girl Child 2022-23” on 7th February 2023 at JSSAHER, Mysuru.

**ACADEMIC PROGRAMMES ATTENDED AND FACILITATED FACULTY AND STUDENTS ON GENDER
EQUALITY, GENDER SPECIFIC ISSUES AND WOMEN EMPOWERMENT**



Dr. Mamatha S
Professor & HOD of
OBG

Participated as a Moderator in the Gurukul MOGS PG Teaching Program for Case discussion on Primigravida with term pregnancy on 23/07/2022

Attended Endocrine Society of India Satellite Symposium in association with Karnataka Endocrine Society on 09/07/2022 & 10/07/2022

Attended Provider course on Advanced Life Support in Obstetrics (ALSO) on 04/11/2022 at JSS Medical College

Participated as a Chairperson in the Scientific session on topic "New Age Progesterone- Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.

Participated as a Chairperson in the Scientific Programme on 17/12/2022 at Hotel Grand Mercure, Mysuru.

Attended Preeclampsia Education of the Nation (PEN1) online training & certification course on 19/02/2023 at Mysuru



Dr. Suma K
B Professor
of OBG

➤ Attended 8 weeks Breast feeding course conducted by Dr. Kawita Bapat starting from 1st August 2022

➤ Participated as a Guest Faculty in the Step for Breast feeding 1st to 7th Aug Valedictory function on 08/08/2022

➤ Participated as a Chairperson in National CME on Breast feeding (Hybrid mode) on 26/08/2022 at JSS Medical College Mysuru

➤ Participated as a Chairperson in Scientific Programme on 22/10/2022 at Hotel Southern star Mysuru.

➤ Attended Provider course on Advanced Life Support in Obstetrics (ALSO) on 04/11/2022 at JSS Medical College

➤ Participated as a Panelist on the topic Massive Transfusion on 05/11/2022 at JSS Hospital

➤ Participated as a Chairperson in the Scientific session on topic "New Age Progesterone- Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.

➤ Attended Virtual Awareness Program on the theme of Breastfeeding to celebrate Breast Feeding week – An initiative by safe motherhood committee FOGSI on 02/08/2022 & 03/08/2022

➤ Attended Continuing Professional Advancement Program on 06/10/2022 conducted by Karnataka State of Obstetrics and Gynecology Association



Dr. Sujatha M S
Professor of OBG

➤ Attended NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24/07/2022

➤ Participated as a chairperson in Dr. S.N Kaulgud Memorial CME on 21/08/2022 at Hotel Sandesh the Prince, Mysuru.

➤ Participated as a Chairperson in National CME on Breast feeding (Hybrid mode) on 26/08/2022 at JSS Medical College Mysuru

➤ Participated as a Chairperson in the Scientific session on topic "New Age Progesterone- Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.



Dr. Jayashree S
Associate Professor of OBG

- Attended CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24/07/2022
- Attended C2C 2022 Conference organized by Hegde Fertility in association with the Obstetric and Gynecological Society of Hyderabad on 27/11/2022



Dr. Virupaksha Ajjammanavar
Associate Professor of OBG

- Attended CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24.07.2022
- Participated as a Moderator in 8th GURUKUL PG teaching programme on 26/11/2022 at JSS Hospital
- Participated as a Chairperson in the Scientific session on topic "New Age Progesterone- Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.
- Attended KISAR Annual conference on 08/10/2022 & 09/10/2022 at J.W. Marriott, Bengaluru conducted by Karnataka Chapter of Indian Society for Assisted Reproduction
- Attended Annual National Conference of Indian association of Gynecological endoscopists held from 17/03/2023 to 19/03/2023 at Kochi



Dr. Prathap T
Associate Professor of OBG

- Participated as a Resource person in the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Participated as a Faculty in the EVE Endoscopy-2022 Conference at JW Marriott, Bengaluru from 22/07/2022 to 24/07/2022
- Attended Symposium on Hyperglycemia in pregnancy on 14/11/2022 at Sri Rajendra Auditorium, JSS Hospital, MG Road, Mysuru
- Attended scientific session on topic "New Age Progesterone-Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.
- Attended Preeclampsia Education of the Nation (PEN1) online training & certification course on 19/02/2023 at Mysuru



Dr. Poornima M
Associate Professor of OBG

- Attended the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended Provider course on Advanced Life Support in Obstetrics (ALSO) on 04/11/2022 at JSS Medical College
- Attended scientific session on topic "New Age Progesterone-Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.
- Attended Preeclampsia Education of the Nation (PEN1) online training & certification course on 19/02/2023 at Mysuru



Dr. Sowmya K
Associate Professor of OBG

- Participated as a Resource person in the NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24/07/2022
- Attended the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended Preeclampsia Education of the Nation (PEN1) online training & certification course on 19/02/2023 at Mysuru
- Attended Live Colposcopy workshop 2023 on 19/03/2023 at Hotel Sandesh the Prince.



Dr. Hema Priya L
Associate Professor of OBG

- Attended the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24/07/2022
- Attended Provider course on Advanced Life Support in Obstetrics (ALSO) on 04/11/2022 at JSS Medical College
- Attended Symposium on Hyperglycemia in pregnancy on 14/11/2022 at Sri Rajendra Auditorium, JSS Hospital, MG Road, Mysuru
- Attended scientific session on topic "New Age Progesterone-Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.
- Attended Preeclampsia Education of the Nation (PEN1) online training & certification course on 19/02/2023 at Mysuru



Dr. Rashmi H S
Assistant Professor of OBG

- Attended the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24/07/2022
- Attended Provider course on Advanced Life Support in Obstetrics (ALSO) on 04/11/2022 at JSS Medical College
- Participated as a Panelist in the Scientific Programme on 17/12/2022 at Hotel Grand Mercure, Mysuru
- Attended Symposium on Hyperglycemia in pregnancy on 14/11/2022 at Sri Rajendra Auditorium, JSS Hospital, MG Road, Mysuru



Dr. Sowmyashree T Assistant
Professor of OBG

- Attended the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended Provider course on Advanced Life Support in Obstetrics (ALSO) on 04/11/2022 at JSS Medical College
- Attended Symposium on Hyperglycemia in pregnancy on 14/11/2022 at Sri Rajendra Auditorium, JSS Hospital, MG Road, Mysuru
- Attended Live Colposcopy workshop 2023 on 19/03/2023 at Hotel Sandesh the Prince.



Dr. Shruthi K R
Assistant Professor of OBG

- Attended the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24/07/2022



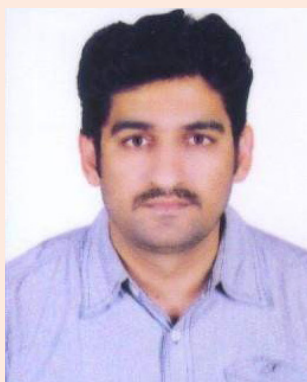
Dr. Maureen Prativa Tigga
Assistant Professor of OBG

- Attended the CME on Infertility and Andrology organized by JSS Medical College on 09/07/2022
- Attended NDVH+PPH workshop organized by Mysore Obstetric and Gynaecological Society in association with JSS Medical College on 24/07/2022
- Attended scientific session on topic "New Age Progesterone-Dydrogesterone" on 25/11/2022 at Fortune JP Palace, Mysuru.
- Attended Coursera by Stanford University on 09/05/2023



Dr. Sathyanarayana Rao T. S
Professor of Psychiatry

- Chaired Session Topic "Conducting fellowships in psychosexual health: Experiences from a tertiary health center in India" in the program by World Psychiatric Association (WPA) on 06/08/2022 in Bangkok
- Chaired Session Topic on Bipolar Disorders in the context of LGBTQA communities by National Midterm CME of Indian Psychiatric Society on 26/08/2022 and 27/08/2022 at Raipur
- Attended 26th Annual Conference of Indian Association of Assisted Reproduction (ISAR) on the Topic: Sexual Problem Diagnosis & Desire Disorder on 28/08/2022 at Mumbai
- Attended Residential clinical skills- training workshop in psychosexual medicine held from 05/01/2023 to 07/01/2023 at Hotel Sandesh the Prince
- Chaired session in Indian Psychiatric Society South Zone CME for Practitioner 2023 on 29/04/2023 and 30/04/2023 at Kozhikode



Dr. Pradeep Kumar P C
Assistant Professor of Psychiatry

- Attended ADDICON 2022 National conference and presented the paper on topic "Differences in Tobacco Use Pattern and outcome Among the Women and Men Callers Enrolled with Tobacco" held from 02/12/2022 to 04/12/2022 at NIMHANS, Bengaluru.
- Attended Residential clinical skills- training workshop in psychosexual medicine held from 05/01/2023 to 07/01/2023 at Hotel Sandesh the Prince

ORAL AND POSTER PRESENTATIONS FROM THE FACULTY AND STUDENTS
IN CONFERENCES/CME/SEMINAR

Sl. No	Name of the faculty / Student	Title of paper/Poster	Title of the programme	Venue & Date presented
1	Dr. Rachana Arvind	Effective of prophylactic tranexamic acid in per operative and post operative blood loss in hysterectomy for benign conditions	32 nd KSOGA Conference	23 rd to 25 th Sep 2022
2	Dr. Hiteshi V	A Prospective case control study of Anelsic effectiveness of surgical transverses Abdominis plane block after	32 nd KSOGA Conference	23 rd to 25 th Sep 2022
3	Dr. Yashika S	Study of Serum CA 125 levels in Normal & Preclamptic pregnancies	32 nd KSOGA Conference	23 rd to 25 th Sep 2022
4	Dr. Lakshmi Mounika Kodali	To study the correlation of AMH with AFC Among Infertile women in tertiary care center	32 nd KSOGA Conference	23 rd to 25 th Sep 2022
5	Dr. Anupama Marnal	Efficacy of metformin and insulin in the management of gestational diabetes mellitus A comparative study	FOGSI South zonal conference with Yuva 2023	Calicut on 10 th to 12 th March 2023
6	Dr. Apoorva	Review of causes of stillbirth in a rural referral hospital: A cross sectional study	FOGSI South zonal conference with Yuva 2023	Calicut on 10 th to 12 th March 2023
7	Dr. Raghav Gupta	Marital quality of life and sexual relationship in spouses of patients with alcohol dependence syndrome	NIMHANS Bangalore	09/02/2023

RESEARCH PROJECTS RELATED TO SDG-5

SI No	Title	Principal Investigator	Departments involved	Funding agency	Duration
1	Correlation of total and Ionized Magnesium levels between pregnant women admitted third trimester and their new born	Dr. SowmyaK	OBG	Nova Bio-medical	6 months
2	Detecting early cervical cancer in Indian Women using multi biomarker panel (The CARE study)	Dr. K.B Suma Dr. ChaitraC	Microbiology, PHRII	University of Arizona	1 year
3	Comparison of ophthalmic artery doppler velocimetry changes in patients with hypertensive disorders of pregnancy versus normotensive pregnant women in third trimester of pregnancy.	Dr. K.B Suma Dr. Anupama Marnal	OBG	JSSAHE R	1 year
4	Comparative study of cardiovascular changes using echocardiography and BNP among hypertensive and normotensive pregnant women -	Dr Soumya Patil, Dr Mamatha .S	OBG	JSSAHE R	1 Year

PUBLICATIONS

1. Dushad Ram, Navya Spurthi Thatikonda, Sathyanarayana Rao T.S, Padma Sudhakar Thatikonda. Sexual Dysfunction in Women with Nonpsychotic Disorders: A Cross- sectional Hospital-based Study. *Indian J Psychol Med.* 2022 Sep;44(5):445-451.
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9. Sathyanarayana Rao T S, Nilesh Shah, Chittaranjan Andrade. Marital Rape in India. *Journal of Psychosexual Health.* 2022;4(4):221-222.
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6

CLEAN WATER AND SANITATION



**Ensure
availability
and
sustainable
management
of water and
sanitation
for all**



**“We shall not defeat
any of the infectious
diseases that plague the
developing world until
we have also won the
battle for safe drinking
water, sanitation and
basic health care.”**

-Kofi Annan

Contributors



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About the SDG

Goal 6 calls for access to safe and affordable drinking water, sanitation facilities, and hygiene for all by 2030. Water resources are also critical for agriculture and industrial use, and therefore protecting and restoring water-related ecosystems is essential. The goal is aimed at -improving water quality by reducing pollution, substantially increasing water-use efficiency across all sectors, and strengthening the participation of local communities in improving water and sanitation management.

Access to clean water and sanitation facilities is a basic human right. Over 2 billion people in the world lack access to clean water that is free of health risks. Ending open defecation will require the provision of toilets and sanitation for 2.6 billion people as well as behavioral change in the population. Safe drinking water and hygienic toilets protect people from disease and enable societies to be more economically productive and attend school and work without disrupting support education and employment. Goal 6 is closely linked with other SDGs, like progress in SDG 6 will improve health (SDG3) and improve school attendance, both of which contribute to alleviating poverty.

Policy on green campus & Sanitation

JSS Medical College and Hospital 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
- 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.

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

For Undergraduates:

- **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.

For Postgraduates:

- 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



Vanivilas Water Works



Horrocks Apparatus

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



The small-scale sewage treatment plant



Facility for Reverse Osmosis (RO)

SAFE DRINKING WATER SUPPLY SYSTEM

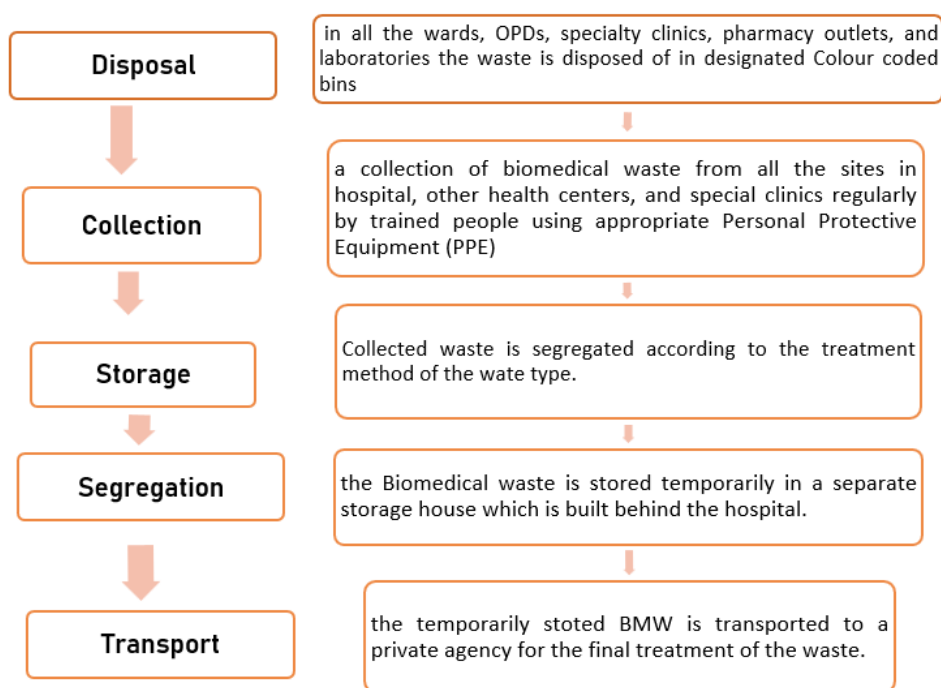


Safe drinking water supply at various places in Medical College and Hospital premises.

WASTE MANAGEMENT & POLICIES OF JSS MEDICAL COLLEGE

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.

BIO-MEDICAL WASTE STATUS JANUARY TO DECEMBER 2022

Month	Yellow Bags in Kgs/Month	Red Bags in Kgs/Month	White Bags in Kgs / Month	Blue Bags Kgs / Month
January 2022	5504	3696	215	1572
February 2022	4919	3329	271	1114
March 2022	4101	3050	210	1070
April 2022	4087	3094	160	1577
May 2022	5025	3896	242	1214
June 2022	4627	3224	191	1268
July 2022	4479	3395	277	1107
August 2022	4282	2909	321	899
September 2022	3990	2847	278	1171
October 2022	3754	2645	205	804
November 2022	4002	2458	274	1041
December 2022	3594	2749	236	824
Total	52364	37295	2880	13660

BIO-MEDICAL WASTE STATUS JANUARY TO DECEMBER 2023

Month	Yellow Bags in Kgs/Month	Red Bags in Kgs/Month	White Bags in Kgs / Month	Blue Bags Kgs / Month
January 2023	3436	2529	140	701
February 2023	3019	2360	161	799
March 2023	3426	2937	223	1219
April 2023	3695	2581	302	1162
May 2023	3772	2432	253	1220
June 2023	3609	2444	331	1114
July 2023	3853	2422	227	810
Total	24810	17705	1637	7025

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.

a. 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.



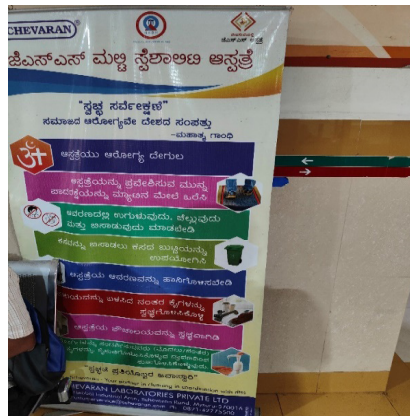
Color-coded dustbins and covers



Display of waste categories to the respective bins



Sign-board with instructions on using dustbin



Swachh Sarvodaya poster



Separate colour-coded dustbins for wet and dry waste

b. 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

- Hand sanitizers are placed at various places in hospital, Medical College, and hostels with appropriate sanitizer dispensers placed.



Sign board to indicate to segregate waste as Wet and Dry waste in Hostel dining hall



Swachhata Pledge: at hostel premises



Sanitary napkin Incinerator



Hand Sanitizer Dispensers at various places in hospital, Medical College & Hostel premises.

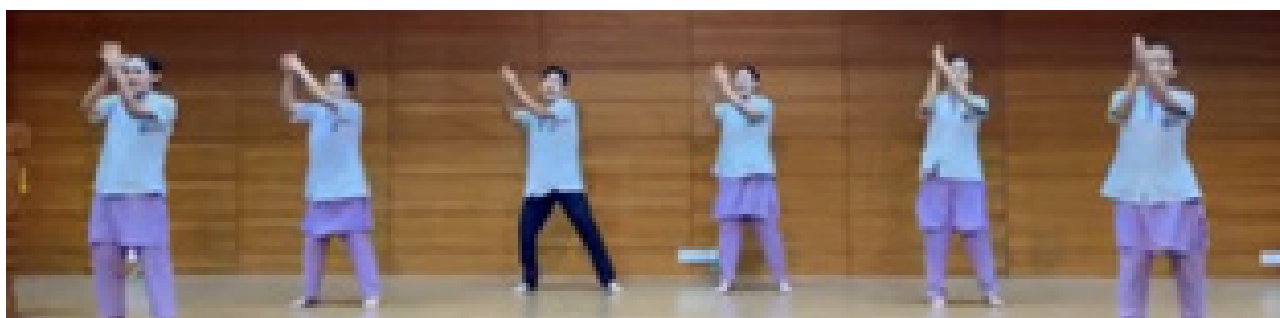
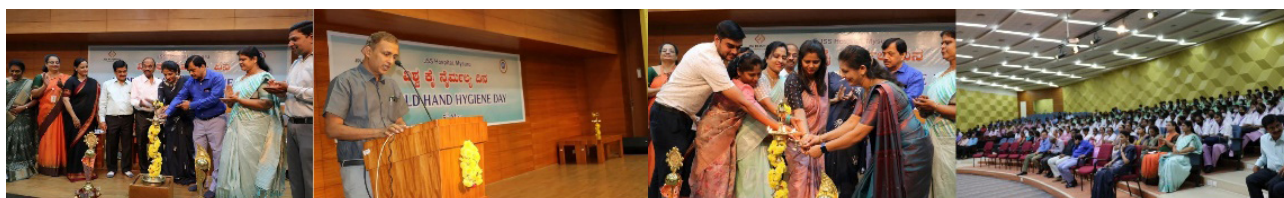
- ii. Hand washing technique: this is a skill taught to the undergraduate students and assessed on the appropriate technique of hand washing and the importance of hand hygiene in the prevention of the disease spread.

[World Hand Hygiene Day 2023](#)

World Hand Hygiene Day (WHHD) was observed every year on 5th May 2023. On account of this, the Hospital Infection Control Committee (HICC) of JSS Hospital on 5th May 2023 organized various activities to generate awareness about the importance of Hand Hygiene among health care professionals. The dignitaries for the event were Principal, JSS Medical College, Medical Superintendent of JSS Hospital, Chairman & member secretary of HICC, Nursing superintendent, Administrative Officer.

The event was witnessed by members of HICC, faculties and students of JSS medical college & Hospital, JSS College of Nursing, JSS School of Nursing, Staff nurse of JSS Hospital, Administrative staff of JSS Hospital, etc.

- Poster competition was organized for the students. The best posters were given the prizes.
- The Hand Hygiene Rolling Trophy was awarded to Neurosurgery ICU and Pediatric ward based on one year hand hygiene audit data.
- Hand hygiene dance was performed by students of the JSS School of Nursing



Teaching Hand washing steps through dance- by school of Nursing students

OUTREACH ACTIVITIES

i. Awareness is created among the community through Hygiene and sanitation model

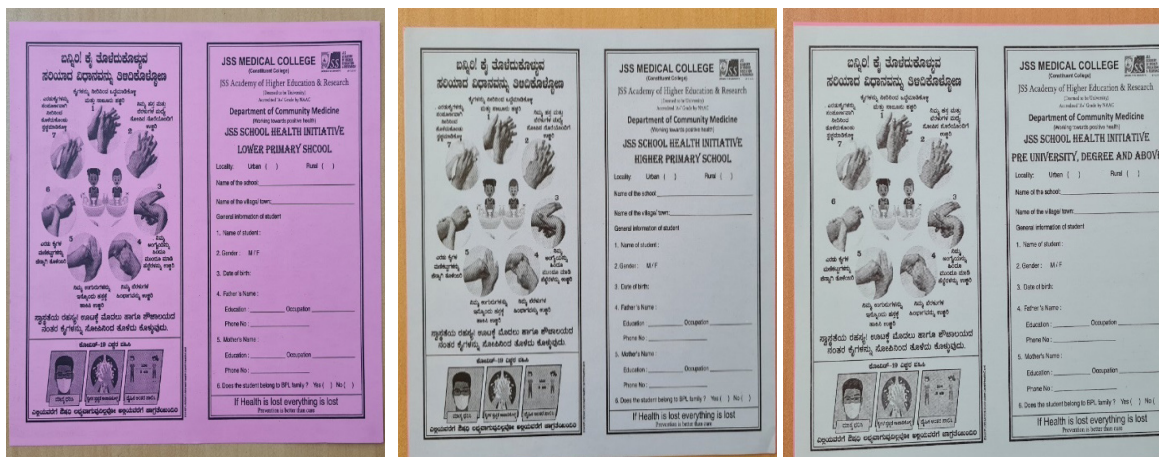
A hexagon model is prepared which depicts the sanitation, personal hygiene, and steps of hand washing techniques. The model can be rotated and visualize different aspects of environmental sanitation and the method of sanitation barriers to prevent many communicable diseases. This model will be used in all the outreach activities where the community is educated about the importance of sanitation.



Hexagon Hygiene and Sanitation model for educating the community

ii. 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.



Educating school children about hand washing technique

iii. Medical Exhibition at Sri Suttur Jathra Mahotsava 2023

Various departments of JSS Medical College and Hospital took part in medical exhibition at Sri Suttur Jathra Mahotsava 2023. Health education was given through various modes. Videos display, display of charts, models, puppet show, shadow art, street play, interaction with public, etc.

- Department of Physiology displayed poster to educate the public regarding menstrual hygiene.
- Department of Microbiology created awareness about hand hygiene and hand washing practice to the public through video and poster display. Public were educated on food hygiene practices through street play.



iv. SPOORTHY

ladies wing of the builders' association of "**Builder's Association of India**" (BIA) has conducted a health check-up camp at Dattagalli, Mysuru. under the aegis of JSS Medical College, Academy of Higher Education and Research, NSS wing, Mysuru on the 26th of July 2022 where apart from health checkup., addressing the female participants health education on the importance of menstrual hygiene, and the nutrition, was conducted by the lady physician

v. "MY LIFE AND MY CLEAN CITY"

Mysuru City Corporation (MMC) took the initiative to clean Mysuru city and create awareness about the concept of a "Clean and Green City." JSS Medical College, Mysuru, has been invited to take part in this cleanliness program. The event was organized under the aegis of Mysuru City Corporation (MMC) with the supervision of corporation medical officer Dr. D.G. Nagaraj. The sole agen-



da of the event was “MY LIFE AND MY CLEAN CITY.” The cleanliness drive was carried out on 1st June 2023 with the sole intention of plogging the nondegradable waste materials like plastic, fibre, metal, wax-coated disposables, etc. Thirty-one (31) NSS student volunteers from 1st year MBBS graduate students actively and enthusiastically participated in the event. The plogging activity was performed in the streets around the JSS medical college campus and Cauvery Nagar. The collected waste material was loaded into the waste carriage accompanying the participants. The program was coordinated by Ms. Tejaswini S.P. health inspector city corporation, Mysuru.

RESEARCH

1. Projects undertaken related to SDG 6

- a. 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 2020
- b. A Crossectional study on the relationship between dental fluorosis and fluoride level in water among school children in private schools of Chamarajanagar district, Karnataka funded by JSSAHER is ongoing from Sept 2022 by Ms.Midhuna Iype, MPH Student, JSSMC, Mysuru under the guidance of Dr Praveen Kulkarni, prof of community medicine and Vice principal, JSS Medical college.
- c. ICMR-STs granted a student research project on a Multi-modal capacity-building strategy to improve Biomedical waste management practices at Primary health care centers completed by Ms. Dhamini under the guidance of Dr. Sowmya G S with grants of 50k, for a period of 2 months was sanctioned.

2. Publications related to SDG 6

- Krishnamoorthi S, Rajshekar D, Sastry A S et al. Impact of conducting hand hygiene audit in COVID-19 care locations of India—A large scale national multicentric study – HHAC study. Indian Journal of Medical Microbiology. 2022 Sep.
- Madigubba H, Sastry AS, Dhandapani S 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 Mar;51(3):304-312.

3. Research projects Presented

Dr. Ranjith Raj on 23RD NOVEMBER 2022 at the international forum, presented a study on Sample collection and concentration methods -- impact on wastewater-based surveillance for multi-pathogen panels

4. Research Collaborations

A program organised by 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.

Other initiatives by the Medical College

The Medical Education Unit has conducted Foundation Course for 1st year MBBS Students of JSS Medical College from 29th November 2022 to 10th December 2022. Eminent resource faculty from within and outside the institution took sessions 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'.

7 AFFORDABLE AND CLEAN ENERGY



**Ensure access
to affordable,
reliable,
sustainable
and clean
energy
for all**



**“The future is green
energy sustainability,
renewable energy”
-Arnold Schwarzenegger**

Contributors



Dr Rashmi S
Senior Resident
Dept of Com Medicine



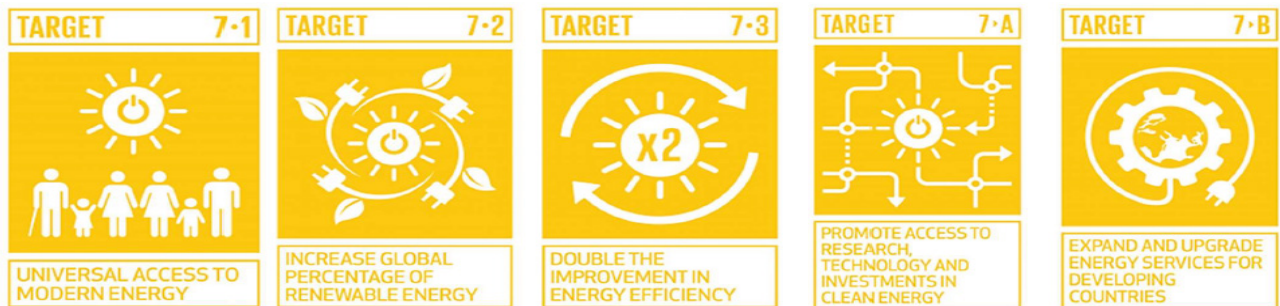
Sunil Kumar D
Professor and Head
Dept of Com Medicine

About the Goal

Sustainable Development Goal 7 (SDG 7 or Global Goal 7) is one of 17 Sustainable Development Goals established by the United Nations General Assembly in 2015. It aims to “Ensure access to affordable, reliable, sustainable and modern energy for all. SDG 7 has five targets, measured with five indicators, which are to be achieved by 2030. Three out of the five targets are “Outcome targets”, and two are “Means of achieving targets”.

As SDG #7 accounts for Affordable and clean energy, which plays a crucial role in all-round development of the nation and the global health & prosperity, achieving the efficient use of renewable and non-renewable source of energies takes care of all other 16 goals. The overall sustainability is the way to overcome poverty, hunger, to get a better ecosystem to confront climatic changes, to reduce inequality thus maintaining integrity, Global peace and partnership that in turn addresses the socio-economic growth of the world. This helps to achieve infrastructure and industrialization increasing the sustainable production and helps the channelized utilization of natural resources. Better employment addresses the end of hunger, gender inequality and assures better and healthy lives.

Targets to accomplish:



The first target of SDG-7



7 .1: Universal access to modern energy:

- Our implementation includes using clean fuel for cooking at the hostel and reducing fossil fuels and biofuel usage.



- Bi-cycles are provided for students and staff to use in and around campus to encourage the youth to reduce the use of non-renewable sources of energy and reduce the air-pollution by decreasing the release of CO₂ to the environment.

The second target of SDG-7



- **7.2: Increase the global percentage of renewable energy:**
 - Our implementation includes using solar panels in the hostels and usage of LED lights all over campus.
 - We have a timely and needy use of lights; Majority of the lights are turned off during night and only provided in paths to ensure hostel student's safety.
 - We avoid the use of lights in day time as we have provided better ventilation that suffices the need off light in the classes and laboratories.
- We have avoided the installation of ACs in office and chambers to ensure the environmental safety.



The third target of SDG-7



7.3: Double the improvement in energy efficiency:

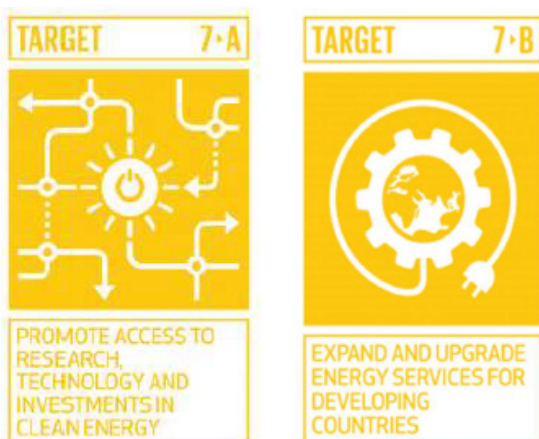
- Our implementation includes solar panels and LED as they reduce energy consumption to a great extent.
- We have provided the pooled-transport systems to students to travel from college to hospital or to other campus to ensure the less use of petroleum fuels.



The fourth target of SDG-7:

7A: Promote access to research, technology, and investments in clean energy

7.B: Expand and upgrade energy services for developing countries.



The JSS MC located in the cleanest city Mysuru, has sprawling 43 acres of campus with a

Bio-climatic architecture that ensures enough shading, natural ventilation, passive heating, and cooling. It also possesses an internal atrium for insolation and natural lighting. The structure uses solar energy for passive heating and has canopies of trees for sun protection in the summer. JSS AHER is committed to a cleaner and greener campus and the University commits to this by:

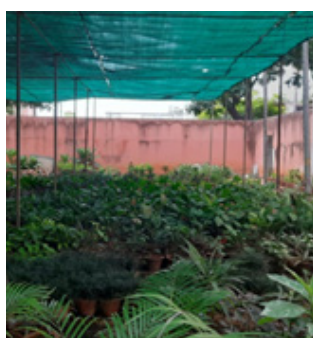
- Complying with applicable rules, regulations, and other recognized requirements to encourage and educate staff to conserve energy wherever applicable.
- Avoiding and reducing pollution caused by fossil fuels by implementing and supporting the use of bicycles in and around campus.
- Implementation of solar panels at hostels and LED lights throughout campus for efficient use of energy and its conservation.



- Rainwater harvesting at the hospital.
- Screening the soil samples around the Hospital and around the University to contain the spread of MDR bugs through the soil contaminating the environment around the JSS Hospital and JSS Dental College Hospital. Ensured the use of an Effluent treatment plant for the effluents of Microbiology laboratory.
- Reduced the use of Plastic in CSSD by using brown paper instead of Steripack made of plastic, for wrapping the instruments used for dressing.
- The culture samples and microbiology specimens are autoclaved and discarded to be further treated by Shree consultancy to prevent contamination of the environment.
- Ensuring active participation of students in sustainable development goals. During the current year.

Looking forward to achieve a better global environment, we have been promoting the efficient use of renewable source of energies and along-side we have put-forth the ideas and working mode to confront the polluted environment and to avoid or to use as much of least non-renewable energies that counts on the sustained health of the nature around. In fact, we have been working to educate the students and the staff regarding the “Affordable and Clean energy” in order to cope-up with the motto of achieving the Sustainable environment. Frequent educative sessions are being conducted to help them practice the non-renewable energy management.

Our college has mostly invested to provide one of the most greenish campus among most of the other institutions. The campus has retained the earlier planted trees and has been re-cultivating the annual, biennial, and long-living trees which also provide a better ecosystem for the local fauna.



The rainwater is redirected to the garden to irrigate the plants and in nearing days we are planning on the installation of rainwater harvesting friendly infrastructure. Thus we are a step forward to using clean energy in a sustained manner.

The students are encouraged to plant the saplings as part of certain occasions and celebrations and that is indeed a practical way to help them inculcate the attitude of achieving a sustainable environment.

Contribution to environmental awareness:

To inculcate the knowledge of afforestation and rebuilding the green life on the earth, humans can merely contribute but a little effort on behalf of our college is put into the view of educating the students. They are made to participate in certain events that include planting the saplings and creating the working models of certain ideas that shall in high-end infrastructure bring fair change in the betterment of a healthy environment. Knowledge of recycling and reuse of energy productively and constructively would help to accomplish the sustenance of affordable and clean energy.

WORLD ENVIRONMENT DAY OBSERVATION– 05-06-2023

At the College Campus



NSS Activity on 01-06-2023 MY LIFE AND MY CLEAN CITY

Mysuru City Corporation (MMC) took the initiative to clean Mysuru city and create awareness about the concept of a “Clean and Green City.” JSS Medical College, Mysuru, has been invited to take part in this cleanliness program. The event was organized under the aegis of Mysuru City Corporation (MMC) with the supervision of corporation medical officer Dr. D.G. Nagaraj. The sole agenda of the event was “MY LIFE AND MY CLEAN CITY.” The cleanliness drive was carried out on 1st June 2023 with the sole intention of plogging the nondegradable waste materials like plastic, fibre, metal, wax-coated disposables, etc. Thirty-one (31) NSS student volunteers from 1st year MBBS graduate students actively and enthusiastically participated in the event. The plogging activity was performed in the streets around the JSS medical college campus and Cauvery Nagar. The collected waste material was loaded into the waste carriage accompanying the participants. The program was coordinated by Ms. Tejaswini S.P. health inspector city corporation, Mysuru.

The activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru. The program was supervised and coordinated by NSS program officers NSS unit, JSS Medical College, Mysuru.



At Urban Health Training Centre on 05-06-2023:

With the blessings of His Holiness, Department of Community Medicine, JSS Medical College, JSS AHER organized Programme at Govt High School, Bamboo Bazaar by JSS UHC, In connection with Observation of World Environment Day on 05.06.2023. Dr. H.V Rama LMO, JSS UHC & Head Mistress Govt High School Smt Pushpavathi inaugurated by planting a sapling at High School Premises. The students and staff took oath for protecting the environment. Dr. H.V Rama LMO, JSS UHC, gave a PPT Presentation on this year's Theme “Beat Plastic Pollution,” hazards of plastic usage, ways

of prevention, segregation, reuse & recycle of waste Products etc. The program was organized by Sri Mallikarjuna, MSW Sri Sunil Health Assistant & staff of Govt High School. 65 Children actively participated in the program with plantation of saplings to ensure that they own the responsibility with a small act.



Conferences conducted

School of Public Health International Symposium – “Swasthyam 2023” – 1st & 2nd Jun.2023

Theme: Public Health, Healthy Living, and Sustainable Development Goals

The School of Public Health, JSS Medical College, JSS Academy of Higher Education and Research, Mysuru, organized an international symposium “Swasthyam 2023” on June 1st and 2nd 2023, in collaboration with the Public Health Research Institute of India (PHRII) with the theme of using the sustainable resources for the conduct of the symposium in turn reducing the waste generated through the conference.

The resource persons were Assistant Vice Chancellor, Professors belonging to Public Health, Respiratory Medicine, Infectious Disease & Internal Medicine, Psychology and Environmental Sciences. They belong to top 100 international universities like University of Arizona, Barry University, University of Illinois, University of Southern California and Florida International University. The participants were visiting from various states of India.





Projects

Ongoing External funded projects

Funding agency	PI Department	Collaborative Departments	Area of Research	Funds in Rupees
DST	Respiratory Medicine Dr.P.A. Mahesh	Biochemistry	Air pollution	9,98,44,800.00
	Biochemistry Dr.Rajesh Kumar T.	College of Pharmacy	Air pollution and lung growth	3,50,00,000.00
ICMR	Community Medicine Dr Nayanabai Shabadi	Biochemistry	Chemical hazards among agriculture workers	36,96,817.00

INTERNATIONAL FUNDED PROJECTS

Funding agency	PI Department	Area of Research	Funds in Rupees
Latrobe University, Melbourne	Respiratory Medicine Dr.B.S.Jayaraj	Asthma & Air pollution	26,18,682.00

Swedish Heart Lung foundation, Karolinska Institute, Sweden	Dr.Mahesh P A	"Adverse effect of outdoor and indoor air pollution on respiratory and vascular function among adolescents".	15,00,000.00
Swedish Heart Lung Foundation	Respiratory Medicine Dr.P.A.Mahesh	COPD	65,83,300.00

Completed Projects

Sl No	Title of the project	Principal Investigator	Collaborating Depts	Funding agency	Amount sanctioned	Duration
1	Spatial mapping of microbial population in the soil surrounding the hospital/ university	Dr.Steve Petrovski,	Microbiology and LaTrobe University	LaTrobe University	1,10,40,000.00	3 years
2	"To investigate Long-Term impact of Air 'pollution on Airway Remodeling and aging of Lungs in healthy Urban Population of South India"	Dr. Chandrakanth H V~Professor, Dept. of Forensic Medicine and Dr. Rajesh	Kumar T, Associate Professor, Dept. of Biochemistry, ISS Medical College, Mysuru.	JSS AHER	50,000.00	01 Year

Research Collaborations & Consultancies

Sl No	Collaboration with Institution name	Area	Objectives	Outcomes
1	University of Boston	Impacts of Heat Stress on Maternal and New-born Health Outcomes in India, and Adaptations to Improve: An Interventional Study	To map heat wave vulnerable areas in three districts of Karnataka state with different climatic zones and evaluate the pre-selected low-cost sustainable exterior architectural interventions in existing residential buildings to reduce indoor heat. To assess the effectiveness of exterior architectural interventions to reduce indoor heat and improve the health outcomes of mother and child residing in heat wave vulnerable areas in Gulbarga, Mangalore and Mysore.	Heat Exposure Interventions for Gestational and Neonatal Health Improvements in India project proposal submitted to Wellcome Trust
2	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter	Ongoing research project

Publications

1. B C Sunil, Dr Praveen Kulkarni, N Renuka, Dr Narayana Murthy M.R. Relationship between Aedes aegypti indices with perception and practices of dengue in an urban community of Mysore. Indian Journal Of Medical Specialities. 2022 July;13(3):176-181.

2. Shashank M Patil, Jayanthi M K, Ramith Ramu. Effect of COVID-19 on Air Pollution: The Indian Scenario. London Journal of Research in Science: Natural and Formal. 2022 Sep;22(9):49-51.

3. Ginenus Fekadu, Ziyue Wang, Yangmu Huang, Zhiyong Zou, Simon I Hay, Mahesh P A, Osaretin Christabel Okonji, Mikhail Sergeevich Zastrozhin. Time Trends of Greenspaces, Air Pollution, and Asthma Prevalence among Children and Adolescents in India. International Journal of Environmental Research and Public Health. 2022 Nov;19(22):1-17.

4. Samyak T Shah, Dr Nayanabai Shabadi, Rohan Karkra, Vadaga V Rao. Geospatial Mapping of Indoor Air Quality and Respiratory Illnesses in an Urban Slum. Cureus. 2023 Feb 12;15(2):e34890.

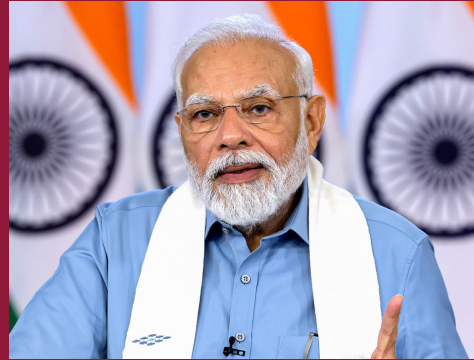
5. Steve Petrovski, Jayson Rose, Colleen J Thomas, Ashley E Franks, Anya E Shindler, Shalini Kunhikannan, Cassandra R Stanton, Dr Sumana M N, Dr Sumana K. Exploring the Diversity and Antibigram of the Soil around a Tertiary Care Hospital and a University Precinct in Southern India: A Pilot Study. Soil Systems. 2023;7(2):1-21.

8

**DECENT WORK AND
ECONOMIC GROWTH**



**Promote
sustained
inclusive and
sustainable
economic
growth,
full and
productive
employment,
and decent
work for all**



“I believe growth should be constant sustained and inclusive. It's only meaningful if these three things are there otherwise they're just economic figures”

-Narendra Modi

Contributors



Dr Uma Shivanal
Senior Resident
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

Purpose	Subjects	No. Of Seats
Renewal of recognition	DM Neurology	02
	DM Medical Gastroenterology	01
	M.Ch Urology	01
Increase of seats	M.Ch Urology	01 to 03 seats
	MD Anaesthesiology	12 to 14Seats
	MBBS	250 Seats
Starting of new course	MD Geriatrics	02 Seats
	M.Phil. Rehabilitation Psychology	06
	M.Ch., Plastic & Reconstructive Surgery	04
	MD Emergency Medicine	02
	MD Respiratory Medicine	02
	MS Ophthalmology	04
	MD Hospital Administration	02
	MD Radio-Diagnosis	05
	MD General Medicine	14
Accreditation of bachelor of occupational therapy (bot)	Bachelor of Occupational Therapy (BOT)	12

b) Awards and Scholarships

Awards instituted by donors

Gold Medals	09
Cash Prizes	15

c) 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 - 33972

Journals

International - 124

National - 128

Total - **252**

8.2 Manpower

a) Teaching and Nonteaching faculty

TEACHING STAFF POSITION

Sl.No.	Designation	Male	Female	Total
1	Professor	62	29	91
2	Associate Professor	45	34	79
3	Assistant Professor	57	70	127
4	Lecturer	1	1	2
5	Senior Resident	27	60	87
6	Tutor	13	6	19
7	Medical Officer	2	1	3
8	Optometrist	1	0	1
9	Embryologist	1	0	1
10	Scientific advisor			
11	Statistician			
	Total Nos.	209	201	410

NON-TEACHING STAFF

Sl.No.	Designation	Male	Female	Total
1	Non-Teaching staff	129	53	182
2	General Workers	11	06	17
	Total Nos.	140	59	199

New recruitment and promotions

Sl. No.	Particulars	Designation	Total	Grand Total
1	Promotion	Professor and HOD Professor Asso. Professor & HOD Associate professor Asst. Professor	14 15 02 19 13	63
2	Resigned	Professor Associate Professor Asst. Professor Sr. Resident Tutor Statistician LMO	02 02 13 15 01 01 01	35
3	New appointments	Prof. & HOD Asst. Prof. Sr. Resident Tutor L.M.O. Biostatistician	03 19 35 10 01 01	69
4	Retired	Professor	03	03

8.3 Infrastructure

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 sum insured 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.	Upto Rs 1,00,000 per student per accident. Rs 1,00,000 per staff per accident.
e. OPD treatment	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 total disability, 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.

Projects

Major Projects

Funding agency	No. of projects	Amount
ICMR	16	Rs 360,89,000
BIRAC	1	Rs 176,92,00,000
Biological E limited	2	Rs 22,14,479
Bill Gates Melinda foundation	1	Rs 2400000
CBCC	1	Rs 2200000
WHO	1	Rs 23,43,390
MOU AGREEMENT NOVARTIS	1	Rs 2,00,000
SKAN RAY	4	Rs 7,91,250
IADVL	3	Rs 13,13,000
RGUHS	1	Rs 50,000
Imperial college of London collaborator CCDC UK, New Delhi.	1	Rs 13,20,000
India Alliance DBT welcome trust	1	9,00,000
Collaborating project, Institute of Public Health Bangalore	1	417200
TIGS	1	2,00,000
Medgenome	2	3600000
DST-CSRI	1	40,00,000
DST	1	58,00,000
DBT-Ramalingaswamy Fellowship	1	113,60,00,00

DBT	4	154,69,00,000
DBT-BUILDER	1	600,00,000
KSTA	2	6,50,000
DST-SATYAM	1	55,00,000
DST SERB-POWER	2	17,66,00,000
University of Arizona	1	24,00,000
Global Infectious Disease (GID), Fogarty, NIH	1	USD 1.1 Million Sanctioned
Wellcome Trust UK and DBT India alliance	2	13,79,00,000
Swedish Heart Lung foundation, Karolinska Institute, Sweden	3	126,00,000
University of Birmingham	1	Rs 2000000
Johnson and Johnson	1	Rs 7200000
Sanofi Pasteur	1	11,65,962/-
GSK	2	Rs 7000000
ROCHE	1	Rs 3000000
CMC Vellore	1	Rs 1600000
Wellcome Trust India alliance	1	Rs 900000
Sun pharmaceutical Industries Ltd.	1	Rs.5,26,350/-
AIKNIEST	1	Rs 1,97, 200/-
NidhiPrayas	1	Rs 1000000
Tolmar Inc.	1	Rs 3000000
Mylan Laboratories	1	Rs 30,00,000
Intas Pharma Co.	1	Rs 1800000

JSSAHER & Industry Sponsored Projects

Funding Agency	No of Projects	Amount
JSSAHER	124	6162780.00
NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH	24	9375725.00

Student Projects

Funding Agency	Number of Projects	Grant amount
ICMR	12	6,30,000

Clinical trials

Clinical trials less than 1 lakh

Client organization	Amount received (in Rs)
IQVIA RDS India Pvt. Ltd	178579
CBCI	21193
Syneous Health UK Limited (Quilu)	105600

JSS Medical Research India Pvt.Ltd	54000
Pharm Olam	32400
GlaxoSmithKline (GSK)	40500
PPD Pharmaceuticals	106558
Diagnosearch Life Sciences Pvt. Ltd	82555
Clianta Research Ltd	283975
GlaxoSmithKline (GSK)	28080

Clinical trials more than 1 lakh

Client organization	Amount received (in Rs)
Skarray Technologies	350472
Biological E Limited	15000000
Syneous Health UK Limited (Quilu)	1,00,000
Abiogenesis Clinpharm Pvt Ltd	8,39,068
Pharm Olam	1,62,000
Paraxel International Pvt Ltd	1,83,874.32
GlaxoSmithKline (GSK)	55,41,802
CBCC Global Research LLP India	7,11,018
QED Clinical Services	2,86,362
PPD Pharmaceuticals	24,79,389
Syngene International Pvt. Ltd	1,08,000
Paraxel International Pvt Ltd	1,62,000
Center for Chron	1,08,000
Clianta Research Ltd	4336866

Patents

Sl. No.	Patent Title	Consultant	Patent Application No.	Filed
1	Multiplex PCR assay with cocktail of primer mix to identify pathogenic bacteria causing neonate sepsis	Cintelligence Services	202041015935	13-04-2020
2	Method for predicting prognosis and guiding treatment de-escalation in HPV positive head and neck cancers	Cintelligence Services	202241012389 A	07.03.2022
3	Method to inhibit NRF2 activity using HPV E6/ E7 for sensitizing to chemoradiotherapy	Cintelligence Services	202241014944 A	17.03.2022

4	Feed Rail Automated Gravity Feeding Device for Premature Infants	M/s ALMT Legal, Bangalore	201741010900 – 2019-20 Published 14/04/2017	14/04/20217
5	A portable and simple to operate continuous positive airway pressure (CPAP) apparatus for neonates	M/s ALMT Legal, Bangalore	201841018247 – 2019-20	22-11-2019
6	Self-contained and portable life support system	M/s Innomantra Consulting services Pvt. Ltd.	202141008355 – 2020-21	2020-21
7	Tele-PAG: Telescopic pediatric adjustable gastrostomy tube	M/s Innomantra Consulting services Pvt. Ltd.	201741010901 – 2021-22 Published 14/4/2017	14-04-2017
8	A phototherapy device	M/s Innomantra., Mysuru	202141013556 - 2021-22 Filed	30-09-2022
9	Mouth wash for managing radiation induced oral mucositis in patients with head and neck cancer	Nitte University	201941035547	21-02-2020
10	Anticancer composition & a method of preparation thereof	National Biodiversity Authority, Chennai	202241041217 A	19-07-2022
11	Method for Cardio Vascular Risk assessment in Diabetic Patients by performing Oxidative stress test & uses thereof	ICMR	202211071150	09-12-2022

Innovations

* Development of AI based tool for early detection of breast cancer (in association with the SJCE, Mysore).

* Development of AI based tool for assessment of prognosis in patients with liver lesions based on LI-RADS score and other clinical parameters (in association with the JSS ATE, Bangalore).

e) 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

Collaborations

Sl No	Collaboration with Institution name	Area	Financial details
1.	Faoqia Dental College Mysore	Bamboo Bazaar	12,000/
2	GC hospital	JP Nagar	5900
3	Gufic Pharmaceuticals	Bombay	25000
4	Anthropology Survey of India	Research	
5	Indian Institute of Science	Diabetes	
6	National University of Singapore	Cancer Cachexia	50 Lakhs
7	Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare	Cancer Biology	Shivagutika capsules are supplied Each bottle costs Rs 500 for 50 capsules
8	Leads Clinical Research and BioServices Pvt. Ltd	clinical / preclinical trials	
9	Defence Food Research Laboratory, (DFRL) Mysuru	Pre clinical / clinical studies in the development of food products.	
10	RCC Trivandrum	Oncopathology	-
11	IKP knowledge park	Start-up support	

Special Interest Group

A research community within JSSHER connecting constituent colleges with a shared interest in 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

1.7 Hospital Statistics

a) Genetic counseling

Details	Numbers
New Cases	307
Old Cases	245
TOTAL	552

b) Laboratory Investigations

Department	No of Investigations
Biochemistry	17,01,232
Pathology	17,93,756
Microbiology	1,47,814

c) Medical Departments

Department	OPD	IPD	Other procedures
Medicine	1,02,755	8172	-
Respiratory medicine	10641	3225	-
Geriatrics	7260	1624	-
Paediatrics	58491	6324	
Dermatology	85831	1962	10590
Psychiatry	16226	562	-
Emergency medicine	13283	12591	-
Rheumatology	8992	158	-

d) Surgical Departments

Department	OPD	IPD	Day Care	Major OT	Minor OT
General surgery	71476	3145	467	1643	8527
Obstetrics and gynaecology	42557	7561	919	2996	2432
Orthopedics	43238	2141	49	1134	5460
ENT	38740	934	190	568	4956
Ophthalmology	25924	1203	868	406	274

Super - specialty Departments

Department	OPD	IPD	Day care	Major OT	Minor OT
Cardiology	18374	1354	1036	-	-
Nephrology	12311	1605	24698	-	-
Neurology	17193	832	1898	-	-
Medical gastroenterology	18121	1719	5727	-	-
Surgical oncology	1517	297	-	271	259
Medical oncology	16622	4012	3175	-	-
Urology	12225	1067	-	222	1003
Neuro – surgery	16466	1048	-	357	219
Paediatric surgery	2992	466	-	260	115
CTVS	4536	272	-	91	-
Surgical gastroenterology	1792	720	-	55	120
Plastic surgery	13208	759	-	870	1904

e) **Community Medicine**

Sl.No	Departments	Details
1	Medicine	1385
2	Surgery	150
3	Obg	147
4	Paediatrics	396
5	Dermatology	104
6	Ent	32
7	Ophthalmology	29
8	Orthopaedics	83
9	Dental Procedures	194
10	Dental Opd	57
11	Health Education Activities	19
12	Research Activities	41

h). **Forensic Medicine**

Sl.No.	Medicolegal Work	Numbers
1	Autopsy	119
2	Sexual Offence – Victim/Offender Examination	10
3	Expert Opinion	01
4	Court duty	05

i). **Anesthesiology**

Sl.no	Department	TOTAL
1	Surgery	1498
2	Obg	1220
3	Urology	1068
4	Orthopedics	707
5	Ent	644
6	Neurosurgery	299
7	Plastic surgery	378
8	Onco surgery	137
9	Paediatric surgery	247
10	Gastro surgery	194
11	Dental	102
12	Opthamology	817
13	Pain	161
14	Ect	51
15	Cath lab	660
16	Cardio thoracic surgery	724
	TOTAL	8907

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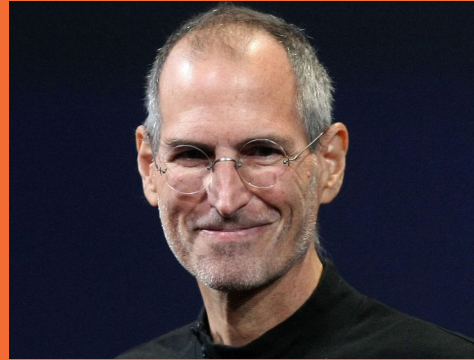
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9 **INDUSTRY, INNOVATION AND INFRASTRUCTURE**



**Build
infrastructure,
promote
inclusive and
sustainable
industrialization
and foster
innovation**



**“Innovation
distinguishes between a
leader and a follower”**

-Steve Jobs

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About the SDG

SDG 9 drives progress towards sustainable development by promoting resilient infrastructure, sustainable industrialization, and innovation.

Building resilient and sustainable infrastructure is key to providing equitable access to basic services and enabling economic growth. While progress has been made on projects to enhance connectivity and resilience, disparities still exist in infrastructure accessibility. More work is needed to ensure inclusive and sustainable infrastructure for all.

Fostering sustainable industrial growth requires balancing economic prosperity and environmental sustainability. The transition to cleaner production methods and more efficient use of resources is underway, but transforming industries and supply chains remains complex. Creative policies and collaborative efforts can accelerate the shift to sustainable models.

Innovation is critical for developing technological solutions to economic and environmental challenges. Renewable energy, digital connectivity, healthcare advances, and more have emerged from innovation hubs worldwide. Continued research, technology, and innovation investment will drive breakthroughs that can propel sustainable development.

Achieving SDG 9 requires integrated strategies that simultaneously strengthen infrastructure, transform the industry, and boost innovation. We can build resilient economies and societies supported by sustainable technologies and equitable access to resources and information by bringing these elements together. The promise of prosperity through sustainable industry, infrastructure, and innovation can be realized with concerted action.

Campus facilities for students

We have taken proactive steps to provide students with essential campus facilities, ensuring their stay is enriching and productive.

- **Internet Browsing Facilities:** Students can access the Internet conveniently at various locations across the campus, including Digital Libraries, Meeting Rooms, and Hostel Reception areas. This facilitates easy access to digitized curricula and online resources.
- **Bank Branch and ATM:** The campus features its own Bank and ATM, providing students with on-site banking services for their financial transactions.
- **Canteens & Restaurants:** Strategically positioned Canteens & Restaurants cater to the needs of both students and parents, offering convenience and a satisfying dining experience.
- **Well-Equipped Laboratories:** Each department within the Campus boasts fully equipped Laboratories, catering to the practical learning needs of students across different academic disciplines.
- **Parking Facilities:** Exclusive Parking lots are already in place for students and faculty members, ensuring ample space for vehicles and cycles and streamlining campus transportation.
- **24-Hour Security Service:** The Campus maintains a dedicated 24-hour Security Service, ensuring a safe and secure environment for all students and staff.
- **Gymnasium:** An advanced gymnasium is already operational, catering to the fitness requirements of students and staff and promoting an active and healthy lifestyle within the campus community.



Infrastructure facility at Medical College and hospital

Inauguration of CEMR – 3 Lab – 19-04-2023



JSS Academy of Higher Education & Research in support from the Department of Biotechnology under the Boost to University Inter-disciplinary Life Science Departments for Education and Research (BUILDER) program has established a Liquid Chromatograph coupled with High-Resolution Mass Spectrometer (LC-HRMS) facility in the Centre for Excellence in Molecular Biology and Regenerative Medicine (CEMR), Department of Biochemistry, JSS Medical College. The facility was inaugurated by Dr. Pratima Murthy, Director, NIMHANS in the presence of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, Chancellor JSSAHER; Executive Secretary, Dr. C.G. Betsurmath; Vice Chancellor, Dr. Surinder Singh; Registrar, Dr.B.Manjunatha; Dean Research, Dr. Prashant Vishwanath; Principal, Dr.H.Basavana Gowdappa, Vice Principal (Pre-clinical), Dr.M.N.Suma; Vice Principal (Clinical), Dr.M.Manthappa and Administrative Officer, Mr. S. R. Satish Chandra. A brochure, highlighting the facilities available in the CEMR laboratory was also released on this occasion.

This facility is one of the most important sophisticated units of JSS AHER involved in clinical research, the discovery of novel biomarkers for diagnosis, prognosis, and identification of new therapeutic targets. LC-HRMS can provide exquisite analytical specificity for the presence or absence of toxicological substances present in the biofluids such as blood, urine, cerebrospinal fluid, lymph, and saliva. Furthermore, this instrument can be used in the field of Clinical Toxicology, Forensic Toxicology, Microbiology, and Molecular Diagnostics. HRMS can also be used in the rapid identification/analysis of microorganisms, mass spectrometry imaging, and

retrospective drug analysis. This state-of-the-art facility helps in advanced research by its precision detection capability of very low quantities of known and hitherto unknown biomolecules. In addition to health sciences, LC-HRMS has been in use in various fields of biology, life sciences, physical-, chemical, and agricultural sciences. In summary, this new facility created by JSS AHER is a major contribution not only to better clinical research but also to a boost to the research.

MYNUTRICON 2022 Conference: POSHAN Gyan:an innovative poster making competition on nutrition

On Day 9th Dec 2022, the first session was advances in nutrition research. The speakers were Dr. Jyothi Lakshmi, Dr. Sunil Kumar D R and Dr Praveen Kulkarni who spoke on topics like research strategies to enhance bioavailability of iron for alleviation of anaemia, newer nutrition research initiatives, research on food fortifications and dietary diversification, about comprehensive Holistic approach needed to bring about nutritional changes and so on. This was followed by scientific paper presentations along with various competitions which were organised like just a minute talk, fruit and vegetable carving and **POSHAN Gyan:an innovative poster making competition on nutrition**.

Department of Anatomy conducted an Innovative embryology model-making competition between April 10th to 20th 2023



Embryology is one of the prime branches with lot of clinical significance in Anatomy. As a part of **innovative teaching learning**, the department of Anatomy conducted embryology model making competition between April 10th to 20th 2023. Students were instructed about guidelines of competition. The entire 250 batch was divided into 32 teams of 7-8 students per batch, topic was made to pick by the team representative a day before the competition. Students prepared the embryology models during histology practical hours.

To encourage the students, judges have been invited to judge the models and prizes were given based on their assessment. Dr.Praveen Kulkarni Vice Principal (Para Clinical), Mr. Satish Chandra S.R., Administrative Officer, JSSMC Dr.N.M.Shamasundar senior Professor of Anatomy, Mr.S.J.Srinivasan Senior Technical Officer, Regional Museum of Natural History, Mysore, Mr.Sumanth R.M., Clinical Embryologist, JSS Hospital, Dr.Vidya C.S. Professor & Head, Dr.Pushpal-

atha K. Professor Dept of Anatomy distributed the winners.

Dr.Pushpa N.B. and Dr Rashmi C.Goshi coordinated the entire event. Students thoroughly enjoyed and appreciated the initiative, as evident by the feedback.



Innovative TLM: Interactive and brainstorming session with resource persons

A Board meeting was held on 17th June by department of Anatomy, with Dr Sudha Seshayyan [Former Vice Chancellor of the Dr.MGR Medical University, Tamil Nadu], Dr.W.M.S.Johnson [Dean of Sree Balaji Medical College and Hospital], Dr.Brijendra Singh [Professor and Head of Department of Anatomy AIIMS

Rishikesh] along with Dr.Vidya C.S. [Prof and Head of Department of Anatomy JSSMC] and faculty. The Academic audit of July 2021 to June 2022 was presented by Dr.Vidya C.S.



Feedback and suggestions were received from the guests regarding ways to improve and new ideas to inculcate in the curriculum and activities of the department. Proposed new Value-Added Programmes like Special staining techniques, Cadaveric skill lab, Basic suturing techniques, Cadaveric injection techniques, Immunohistochemistry, and collaboration with the department of pathology for training in histopathology for the students were discussed.

Suggestions were made to include awareness on students in the voluntary body donation program and regarding Proper and efficient Biomedical waste disposal by the department was discussed. The guests appreciated the progress, the innovation and the support provided to the students by the department and wished the department for future endeavours.

Biomedical Innovation in Otorhinolaryngology

The Dept of ENT conducted a certificate value added programme Biomedical Innovation, AI and innovative and models in Otorhinolaryngology. MBBS students & Interns were eligible to enroll for the programme. It was a dual mode method where both online and offline sessions were conducted. The invited faculties - Dr.Jagadeesh Chaturvedi from Bangalore, Dr.Ritesh from Delhi, Dr.Vijay govidaranjan from Vellore engaged sessions on biomedical innovations, robotic surgery and innovative hand models respectively.

In house faculty - Dr.Rakesh B.S. and Dr.Vikram Patil took sessions on mobile app Shravanamithra and Artificial intelligence in healthcare sector respectively. A total number of 196 students enrolled for the value-added programme and actively participated in all the sessions.



Department of Clinical Psychology created awareness to the general population about various psychological disorders using posters, and screening common mental health problems. One of the main purposes was to educate people about mobile addiction, its indicators, impact and self-help tips. The stall engaged the visitors by involving them in assessing mental abilities using the Tower of London, Pattern Drawing and Stroop Tests. These activities attracted people of all ages. During the Jathra, more than 1300 visitors (aged 6-70 years) visited the stall and enquired about psychological disorders. more than 200 children and adolescents participated in the testing of cognitive abilities, and more than 200 visitors enquired about the services available in the Dept. of Clinical Psychology, at JSS Hospital, Mysuru.

Overall, there was a great response from the visitors. Feedback obtained, reflected the appreciation for the efforts taken by every department of JSS Medical College in creating awareness among public which **were innovative, creative and most importantly reachable to the audience**. The JSS Medical College exhibition also received second prize for its efforts.

Awards and Recognitions



Dr. Shwethashree M., Asst. Professor, Department of Community Medicine in recognition of outstanding performance and for demonstrating self-less team-work solving the clinical problem during the Medical Device Hackathon (MEDHA) Stage-1 held from May 14th to 28th 2022 by BETIC, IIT Bombay, Mumbai and JSS College of Pharmacy, Mysuru



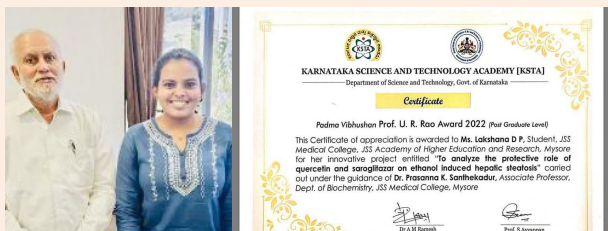
Dr. Shwethashree M., Asst. Professor, Department of Community Medicine received Compact Design Award for demonstration self-less team-work and solving problem titled "Student Pocket Mobile Otoscope" during the Medical Device Hackathon (MEDHA) held virtually from May 14th to 28th, 2022 by BETIC, IIT Bombay and Partner Institutes.



Dr. Shwethashree M., Asst. Professor, Department of Community Medicine received Social Innovation Device award for her work on Malaria Technology during Medical Device Innovation Course from 2nd September to 2nd October 2022.



Dr. Hari Prakash G., Second year Ph.D. Scholar, Department of Community Medicine has won top score for the oral presentation session on the topic "Development and Validation of smart wearable device in detection of muscle wasting" of My Nutricon 2022 held on 8th and 9th December 2022 conducted by JSS Medical College, Mysuru.



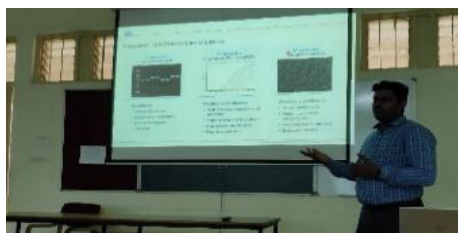
Ms. Lakshana D.P., PG Student, Dept. of Biochemistry, JSS Medical College, Mysuru received Padma Vibhushan Prof. U.R. Rao Award 2022 (Post graduate level) for her innovative project entitled "To analyze the protective role of quercetin and sarglitazar on ethanol induced hepatic steatosis" carried out under the guidance of Dr. Prasanna K. Santhekadur, Asso. Professor of Biochemistry, organized by Karnataka Science and Technology Academic (KSTA), Dept. of Science & Technology, Govt. of Karnataka on 7th March 2023.



KALAKRITI [FINE ARTS COMMITTEE] Reel Side:

An innovative competition was organised by the committee under which the participants had to make a 40 second reel on the theme of **LIFE THROUGH YOUR LENS**. The committee received many responses thus making the event a great success.

Guest Lectures conducted



Report on Guest Lecture by Mr. Hemanth Medidhi

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) has organized a guest lecture on **QIAcuity Qiagen Digital PCR** by Mr. Hemanth Meddidi, Sales Application Specialist QIAGEN India Pvt. Ltd in the Seminar Room, Department of Biochemistry, JSS Medical College, between 2:00PM to 3:00PM on 28th July 2022.



Report on Guest Lecture by Dr. Amalan Kanti Ghosh

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) has organized a guest lecture on **Post Installation Training Program for Flow Cytometer (BD FACS Lyric)** by Dr. Amalan Kanti Ghosh Senior Application Scientist, Becton Dickinson India Pvt Ltd in the Seminar Room, Department of Biochemistry, JSS Medical College, from 4th to 5th August 2022.

Guest Lecture by Dr. Dhan V. Kalvakolanu

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) has organized a guest lecture on **Bacterial Tools for Gene-therapy of Tumors** by Dr.Dhan V. Kalvakolanu, Greenebaum comprehensive cancer center, Department of Microbiology & Immunology, University of Maryland School of Medicine, Baltimore, MD, USA in the Seminar Room, Department of Biochemistry, JSS Medical College, between 10.20AM to 11.30AM on 15th September 2022.

Guest Lecture by Mr. Hemanth Medidhi

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) in support from Director Academics, JSS AHER has organized a guest lecture on **QI Acuity Qiagen Digital PCR** by Mr. Hemanth Meddidi, Sales Application Specialist QIAGEN India Pvt. Ltd in the Seminar Room, Department of Biochemistry, JSS Medical College, between 2:00PM to 3:00PM on 15th December 2022.

Guest Lecture on Utility of Genetics in Clinical Practice



A **guest lecture** was organized by Paediatrics on 11th July 2022 at Paediatrics Seminar Hall. **Dr.Siddramappa Jagdish Patil**, Senior Consultant in Clinical Genetics at Mazumdar Shaw Medical Centre / Narayana Hrudayalaya Hospitals, Bangalore was the speaker. He spoke about the “Utility of Genetics in Clinical Practice”. He discussed about the various genetic tests that can be offered to patients with syndromes and clinical features suggestive of a genetic disorder. He also showed interesting case scenarios which could be

masquerading with genetic disorders and their approach. There was a good interaction between the faculty and the speaker about the clinical utility of the various genetic tests available and their cost benefits.

A **guest lecture** was organized by the Department of Pediatrics on 12th July 2022 at the seminar hall. **Dr.Sandesh Shivananda**, Consultant Neonatologist, Vancouver, Canada was the speaker. He spoke on the topic “Early warning signs in Neonatal care”. He spoke about how early signs can be monitored in PICU and NICU. He discussed about how effective staff training would help in the systematic management of the babies by early detection of deterioration. This would be helpful in reducing morbidity and mortality. There was a good interaction between the faculty and the speaker about how we improvise on our present practices to identify critical events early.

Guest lecture on Robotics in Arthroplasty at JSS Hospital

Department of Orthopedics, JSS Medical College has conducted guest lecture on **Robotics in Arthroplasty** at

JSS Hospital on 8th November 2022 at Orthopedics seminar Hall, JSS Hospital, Mysuru. **Dr.Srivatsa Boraiah, Consultant Orthopaedic Surgeon, USA** delivered the guest lecture on the above mentioned topic. A total of 30 delegates participated in the event.

Guest lecture on Challenges in Interventional in Nephrology at JSS Hospital

Department of Nephrology, JSS Medical College has conducted guest lecture on **Challenges in Interventional in Nephrology at JSS Hospital** on 07th of September 2022 at JSS Hospital, Mysuru. Dr.Brinda Desiraju delivered the guest lecture on the above mentioned topic. A total of 20 delegates participated in the event.

Guest Lecture on Eppendorf Pipette Calibration (EPiC) program 12th Jan 2023



The Department of Biochemistry & Special Interest Group on Human Genomics & Rare Disorders (SIG-HGRD), JSS Medical College organized a guest lecture entitled Eppendorf Pipette Calibration (EPiC) program on Thursday, 12th January 2023. Mr.Sunil Kumar S., Manager-Speciality Services Eppendorf India Private Limited and Mr.Bharath Kumar, Sr Eppendorf Territory manager for pipettes and consumables were the key resource persons for the event. Program

commenced with an introduction to the Basics of pipetting covering the critical aspects of handling the micro-pipettes by Mr. Bharath Kumar. This was followed by a presentation on the Calibration & Service aspects of micropipettes. Mr. Sunil described the steps in micropipette calibration and how to find the perfect servicing agency for the purpose. The session continued with the Q&A session, followed by a Hands-on pipetting of the various pipettes for the participants (hospital's technical staff, students, scholars, and faculty members). The session was attended by more than 150 participants.

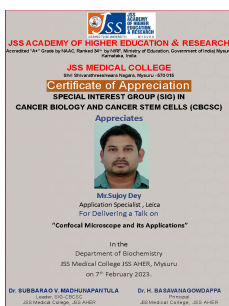
"Introduction to Digital PCR" - 11th & 12th January 2023



Department of biochemistry, special interest group on cancer biology and cancer stem cells (CBCSC) & Human genomics & rare disorders (SIG-HGRD), JSS Medical College, organized a demonstration of Digital PCR from Qiagen team on 11th & 12th January 2023.

Dr.Senthilnathan Senguttuvan, Manager-Applications, Qiagen India Pvt. Ltd. was the key resource person for the event.

how-to set-up a reaction, acquire the data and analyse the result by using the software. More than 150 participants attended the sessions and were benefited by the knowledge shared by the company.



Guest lecture on "Introduction to Confocal Microscopy"

Department of biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, JSS Academy of Higher Education & Research, Mysuru organized a demonstration of Confocal Microscope from Leica team on 7th February 2023. Mr. Sujoy Dey-Application Specialist, Leica Microsystems. Ltd. Delivered the talk and

introduced the participants on confocal microscope application and advantages. He also briefed on the instrumentation and working of the microscope. Later Instrument was demonstrated in CEMR-2 lab. Mr. Rahul sales and Application specialist explained in detail on sample preparation and imaging options and also gave an insight on the analysis part.



Guest lecture on "A Complete Solution for Automated Imaging and High Content Screening - ImageXpress Confocal HT.ai System"

Department of biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, Mysuru organized a talk on "A Complete Solution for Automated Imaging and High Content Screening – Image Xpress Confocal HT.ai System" on 24th March 2023. Dr.Niti Jetly -Application Specialist, Molecular Devices delivered a talk and introduced the participants to the new era automated imaging facility and High Content Screening – Image Xpress Confocal HT.ai System. She explained on various application and advantage of automation in imaging. Mr. Sandeep Hegde sales manager also accompanied Dr. Niti and took part in the talk.



Guest lecture on BLOOD CELLS AND REDOX SYSTEM: KEY PLAYERS IN REGULATING HUMAN DISEASES

Department of Biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, JSS Academy of Higher Education & Research, Mysuru organized a talk on 13th May 2023 by Dr.K.Girish, Professor, Department of Studies and Research in Biochemistry, Tumkur University on blood cells and its role in regulating human diseases. He explained in detail the participation of blood cells and their modulation by redox modulators/molecules in clinically important pathologies including snakebite induced toxicity, diabetes, and microbial infections.

and its role in regulating human diseases. He explained in detail the participation of blood cells and their modulation by redox modulators/molecules in clinically important pathologies including snakebite induced toxicity, diabetes, and microbial infections.

Guest lecture on Advancing your single-cell omics research: VIA Extractor™* tissue dis-aggregator for Omics applications

Department of Biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, JSS Academy of Higher Education & Research, Mysuru organized a talk on 15th May 2023 by Dr.Manjunath Siddaramaiah, Diagnostic design Application Scientist – Asia Pacific. He briefed about the advances made in single cell isolation which is a crucial junction in many genomics, proteomics, metabolomics, and flow cytometry protocols. He introduced the ability of the VIA Extractor™ tissue disaggregator* to generate suspensions of high-quality single cells from fresh tissue. The suspension can be used for high-throughput omics research (genomics, proteomics, metabolomics etc.) specially scRNA-seq analysis, and compare performance to the gentleMACS™ dissociator (Miltenyi Biotec).



Echis carinatus venom-induced sustained tissue destruction, understanding the mechanism.

Department of Biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, JSS Academy of Higher Education & Research, Mysuru organized a talk on 22th May 2023 by Dr.K.Kemparaju, Professor, Dept. of Studies in Biochemistry, University of Mysore. He briefed about his research on wiper venom and introduced the audience about netosis a novel cell death mechanism. He explained in detail the molecular mechanism of Netosis which is crucial for venom induced toxicity. JSSAHER acknowledges Dr.K.Kemparaju, Professor for their valuable efforts.

wiper venom and introduced the audience about netosis a novel cell death mechanism. He explained in detail the molecular mechanism of Netosis which is crucial for venom induced toxicity. JSSAHER acknowledges Dr.K.Kemparaju, Professor for their valuable efforts.

Introduction to Tosoh HPLC G11 and G8 analyzers

The Department of Biochemistry, JSS Medical College in collaboration with Tosoh organized an online session to introduce the Tosoh HPLC G8 and G11 analyzers on 26th June 2023. Mr.Abhishek from Tosoh was the key resource person for the session. The first half of the session was dedicated to the identification of the abnormal Hb variants with G11 analyzers and its advantage over the other existing platforms. The second part of the session was focused on the advantages of the G8 series for HbA1c analysis. The session was well attended by the faculty of the Department of Biochemistry, JSS Medical College, Mysuru.

Guest lecture on Cancer Biomarker and Therapeutic Target Discovery using UALCAN Platform

The Special Interest Group on Human Genomics & Rare Disorders (SIG-HGRD), JSS Medical College and Hospital, JSS Academy of Higher Education & Research, Mysuru organized a guest lecture entitled **Cancer Biomarker and Therapeutic Target Discovery using UALCAN Platform** on 21st June 2023. Sooryanarayana Varambally, Professor, Department of Pathology, University of Alabama at Birmingham was the key resource person for the event. His talk focused on their team's effort for BIG cancer data dissemination through researcher-centric, distinctive, and continuously evolving web portal, called UALCAN (<https://ualcan.path.uab.edu>), for detailed data analyses and visualization. UALCAN was released in 2017 and has been visited over 11,75,000 times by researchers from over 100 countries and has been cited about 4,000 times, creating a large global user base making cancer research a team effort and enabling numerous cancer target discoveries and biomarker development. Further, he also discussed about identification of some targets and how we can validate and develop drugs for the targets. We discussed at length the strengths and limitations of UALCAN. The session was attended by more than 50 participants.



Guest Lecture- Hematology Analyzers by Abbott Diagnostics- 24-03-2023



An introductory lecture on hematology analysers was delivered by Mr. Amal George- Regional sales manager, Abbott Company, on 24-03-2023 in the Department of Pathology. The lecture elaborated the functioning of hematology analyser from Abbott Company and provided useful information including the principles of cell counting

and characterization. The session also discussed the interpretation of various diagnostic and research parameters by the analyser useful in hematological practice. A total of 60 attendees were present including the faculty and postgraduates of Pathology.

Guest Lecture – Slide Seminar by Dr Anna Pulimood, Professor of Pathology, former Principal of CMC, Vellore on 18-06-2023

A slide session was conducted by the department of Pathology, JSS Hospital on 17.06.2023. The speaker and resource person was Dr. Anna Pulimood, former principal of CMC Vellore and renowned gastrointestinal pathologist who has published many articles in national and international journals and is an authority on the diagnosis of GI tuberculosis and Inflammatory bowel disease. She was warmly welcomed by HOD Dr. Sheela Devi before she commenced on a teaching slide session for the post graduates in the seminar hall of the department of pathology. The session introduced the residents to a systematic approach to GI mucosal biopsies and Dr. Pulimood discussed in detail, many cases including oesophageal biopsies, tuberculosis, malabsorption syndromes and inflammatory bowel disease. She also elucidated on the differentiation of GI tuberculosis and inflammatory bowel disease – a constant challenge in pathology. The session was highly informative and well received by the students. A total of 60 delegates participated in the program.

Ongoing External funded projects

Funding agency	PI Department	Collaborative Departments	Area of Research	Funds in Rupees
DST	Biochemistry Dr.Rajesh Kumar T.	--	Dyslipidemia	32,81,350.00
	Biochemistry Dr.MVSST Subbarao	--	FIST programme	56,40,000.00
	Biochemistry Dr.Divya P.Kumar	Gastroenterology	AATF in non-alcoholic steato hepatitis	30,00,000.00
	MVSST Subarao	Biochemistry, JSSCPM	Therapeutic potential of olfaction for treating dementia	40,00,000.00
DST PURSE	Dr Prashant V	Biochemistry School of life sciences	--	17,36,00,000.00
DST Sathyam	Comm. Medicine Dr.Madhu B	Physiology Dept. of Yoga	Yoga, Stress and Covid	5,50,000.00
DBT	Anatomy Dr.Deepa Bhat	--	Centre for training research and innovation in Tribal Health	71,00,000.00
	Comm. Medicine Dr.Praveen Kulkarni	Biochemistry Psychiatry	Micronutrient deficiency and cognitive dysfunction in tribal areas	27,50,000.00
	Biochemistry Dr.Rajesh Kumar T.	College of Pharmacy	Air pollution and lung growth	3,50,00,000.00
	Biochemistry Dr.MVSST Subbarao	--	Vitamin D & CA Breast	49,69,600.00
	Respiratory Medicine Dr.P.A. Mahesh	Biochemistry	Air pollution	9,98,44,800.00
	Psychiatry Dr Kishore M	JSS College of Pharmacy, Mysuru	Geriatric Chronic cerebral hypoperfusion:	50,00,000.00
DBT Builder	Biochemistry Rajesh T Kumar	Department of Pharmaceutics, JSSCPM	BUILDER Programme	6,00,00,000
DBT Ramalingaswamy	Biochemistry Dr.Divya P.Kumar	--	Hepatocellular Carcinoma	1,13,60,000.00
	Biochemistry Dr.Prasanna Kumar	---	Hepatocellular Carcinoma	1,13,60,000.00
SERB-CRG	Medical Genetics Dr. Vinay Kumar MB	Biochemistry	Cancer cachexia	5000000.00
CSIR IICB	Biochemistry Dr.MVSST Subbarao	--	Chronic Respiratory disease	7,32,792.00

ICMR	Biochemistry Dr.M.N.Suma	OBG Pathology	Cervical Cancer	22,93,316.00
	Anatomy Dr.Deepa Bhat	Biochemistry Comm. Medicine Paediatrics	Sickle Cell Disease	53,42,986.00
	Microbiology Dr.Vidya B.C.	Anatomy Clinical Psychology Comm. Medicine	Screening for Sexually transmitted infections	23,00,000.00
	Biochemistry Dr.Akila Prashant	Paediatrics	Inherited metabolic disorders	2,44,250.00
	Biochemistry Dr.Devanand	Paediatrics JSS Dental College	Bone mineral density in children and RO water consumption	20,41,000.00
	Biochemistry Dr.MVSST Subba Rao	JSS Dental College	Inflammatory markers, Periodontitis and Type II Diabetes	18,60,000.00
	Biochemistry Dr.Prasannakumar	Surgical Gastroenterology	Staphylococcal nuclease containing SND1 in obesity associated NAFLD	44,00,000.00
	Biochemistry Dr.Shobha C.R.	General Medicine	Genes regulating adipogenesis & vitamin D	45,53,000.00
	Paediatrics Dr.K.Jagadish Kumar	College of Physiotherapy	Indian folk games and cerebral palsy	24,00,000.00
	Cardiology Dr.Sunil Kumar S	General Medicine Geriatrics	Yoga care	12,84,240.00
	Biochemistry Dr.Rajesh Kumar T.	School of Life Sciences	Millet based diet fiber & allergic Asthma	40,00,000.00
	Biochemistry Dr.Divya P.Kumar	Gastroenterology	Hepato Cellular Carcinoma	32,41,000.00
	Community Medicine Dr Nayanabai Shabadi	Biochemistry	Chemical hazards among agriculture workers	36,96,817.00
	JSS Dental College	Psychiatry Dr Kishor M Com Medicine Dr Praveen K	Enhancing counselling skills of dental students on tobacco cessation	25,00,000.00
	Anatomy Dr Hema Malini	Biochemistry, Endocrinology, OBG and Surgery	Single Nucleotide Polymorphism in Thyroid hormone and dyslipidemia	5,15,000.00
	Biochemistry Dr. Akila Prashant	Anatomy	National Registry for Rare and other Inherited disorders (NRROID)	244000.00
KSTA	Biochemistry Ms.Varsha	--	SP1 transcription in HCC	35,000.00
	Biochemistry Ms.Nirmal G.S.	--	Quercetin & HCC	35,000.00
	Biochemistry Ms.Medha Karnik	--	Inflammatory cytokines and cervical cancer	35,000.00
MAMTA HMIC, New Delhi	Comm. Medicine Dr.Sunil Kumar D.	SJCE	Mental Health Care & Medical Technology	1,00,000.00
	Comm. Medicine Dr.Madhu B.	--	Quality of life among diabetes	1,00,000.00
Christian Medical College, Vellore	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maharashtra, Gujarat)	Rotasiil Vaccine	8,10,936.00
	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maharashtra, Gujarat)	Rotasiil Vaccine	3,94,632.00

IADVL	Dermatology Dr.Vinutha Rangappa	Biochemistry	Vitiligo	4,42,480.00
	Dermatology Dr.Ashwini P.K.	--	Oral Lichen Planus	4,50,000.00
Dr Somashekar and Malathi Health and Wellness Foundation	Comm. Medicine Dr.Praveen Kulkarni	General Medicine	Health Awareness Project for rural areas in North Karnataka	4,85,000.00
Nidhi Prayas	E.N.T. Dr.Amulya T.M.	College of Pharmacy, Mysuru IISC, Bangalore	Nasal stunts	10,00,000.00
iMERA	Radiology Dr.Vikram Patil	--	MSK Radiographs	10,00,000.00
Novartis	Comm. Medicine Dr.Anil Bilimale	Anatomy Paediatrics	Ambari-Sickle cell disease, Health system project	28,00,000.00
MPMRT	General Medicine Dr.Savitha V.	Comm. Medicine	Thyroid disfunction with iron deficiency	3,00,000.00
Bodoland University, Assam	Anatomy Dr.Deepa Bhat	Community Medicine	Cognitive abilities between hydroxy urea treated & untreated SCD children	15,00,000.00
	Anatomy Dr.Deepa Bhat	Comm. Medicine Annupur paras MC, Vadodara	Social Stigma, pain crisis and SCD	1,20,00,000.00
Institute of Public Health Bangalore	Anatomy Dr.Deepa Bhat	Anatomy Biochemistry	Sickle cell Disease Genotyping of DNA samples (THETA)	4,17,200.00

INDUSTRY SPONSORED (July Dec 2022)

SI NO	Title	Principal Investigator	Departments involved	Funding agency	Amount sanctioned	Duration
1	Community-centered health system strengthening for outpatient antimicrobial stewardship with Replicating Effective Programs Framework	Dr.Sumana M.N	Microbiology	JSSAHER &Pfizer	35,50,925.00	3 years
2	ATP evaluation of anti biofilm and anti microbial efficacy of densive denture cleanser tablet	Dr. Nandlal B	Pedodontics	JSSAHER & Group pharmaceuticals	3,65,000.00	1 year
3	Genomic studies to identify modifiers of beta thalassemia	Dr.Deepa Bhat	Anatomy, Peadtrics	Medgenome	18,00,000.00	2 Years
4	Genetic analysis of Parkinson disease in the Indian population	Dr.Deepa Bhat	Anatomy Neurology	Medgenome	18,00,000.00	Case Based
5	Impact of use of oral Nutritional supplement on physical health, mental health & immune health in growing children at risk of under nutrition	Dr.Prashanth S N	Paediatrics Psychology	Sun pharmaceutical Industries Ltd.	5,26,350.00	1 year
6	Comparative study of Fast MRI based on AI. (Phase 4)	Dr. Rudresh Hiremath	Radiology	AIKNIEST	1,97,200.00	1 year
7	Post market clinical follow up of X-ray (Skandrad 400)	PI: Dr. Vikram Patil	Radiology	SKANRAY	2,36,250.00	1 year

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH - ONGOING (July Dec 2022)

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators	Study duration in months
	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.	24
	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
	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr.Suma KB DR Srinivasa Murthy Dr Kusuma KS	06
	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
	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
	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
	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
	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
	Unrecognised ionised hypomagnesemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vishwanath,	12
	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
	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
	Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti Dr.Sushma, Dr.Akila Prashant	06
	Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK	06
	Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma, Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha	12

Patents

PATENT DETAILS 2022 (July Dec 2022)

Sl. No.	Name & Designation	Patent Title	Consultant	Patent Application No.	Filed	Granted
1	Dr.Akila Prashant, Anshu Kumar Yadav, Dr. Prashant Vishwanath, Dr. Suma MN, Dr. Devananda D	Multiplex PCR assay with cocktail of primer mix to identify pathogenic bacteria causing neonate sepsis	Cintelligence Services	202041015935	13-04-2020	Under examination
2	Rajesh Kumar Thimmulappa (Associate Professor), Devanand Devegowda (Assistant Professor) and Pushkal Sinduvadi Ramesh (Ph.D. Scholar)	Method for predicting prognosis and guiding treatment de-escalation in HPV positive head and neck cancers	Cintelligence Services	202241012389 A	07.03.2022	Under examination
3	Rajesh Kumar Thimmulappa (Associate Professor), Devanand Devegowda (Assistant Professor) and Pushkal Sinduvadi Ramesh (Ph.D. Scholar)	Method to inhibit NRF2 activity using HPV E6/E7 for sensitizing to chemoradiotherapy	Cintelligence Services	202241014944 A	17.03.2022	Under examination
4	Dr.Srinivasamurthy	Feed Rail Automated Gravity Feeding Device for Premature Infants	M/s ALMT Legal, Bangalore	201741010900 – 2019-20 Published 14/04/2017	14-04-2017	Under examination
5		A portable and simple to operate continuous positive airway pressure (CPAP) apparatus for neonates	M/s ALMT Legal, Bangalore	201841018247 – 2019-20	22-11-2019	15-06-2019
6		Self-contained and portable life support system	M/s Inno-mantra Consulting services Pvt. Ltd.	202141008355 – 2020-21	2020-21	Under examination
7		Tele-PAG: Telescopic pediatric adjustable gastrostomy tube	M/s Inno-mantra Consulting services Pvt. Ltd.	201741010901 – 2021-22 Published 14/4/2017	14-04-2017	Under examination
8	Dr. Sushma K	A phototherapy device	M/s Inno-mantra., Mysuru	202141013556 - 2021-22 Filed	30-09-2022	Under examination
9	Dr Amulya T.M.	Mouth wash for managing radiation induced oral mucositis in patients with head and neck cancer	Nitte University	201941035547	21-02-2020	Under examination

10	Dr. Devanand D Dr Shashanka K Prasad	Anticancer composition & a method of preparation thereof	National Biodiversity Authority, Chennai	202241041217 A	19-07-2022	Under examination
11	Rajesh Kumar Thimmulappa (Associate Professor), Ms Kavyasugar	Method for Cardio Vascular Risk assessment in Diabetic Patients by performing Oxidative stress test & uses thereof	ICMR	202211071150	09-12-2022	Under examination

Clinical Trials

Sl No.	Principal Investigator	Department	Client organization
1	Dr Gurudatt C L	Anaesthesia	Abiogenesis Clinpharm Pvt Ltd
2	Dr Gurudatt C L	Anaesthesia	Abiogenesis Clinpharm Pvt Ltd
3	Dr Deepthi Thandaveshwara	Paediatrics	CBCC Global Research LLP India
4	Dr Deepthi Thandaveshwara	Paediatrics	CBCC Global Research LLP India
5	Dr Sunil Kumar S	Cardiology	Center for Chron
6	Dr T S S Rao	Psychiatry	Cianta Research Ltd
7	Dr T S S Rao	Psychiatry	Cianta Research Ltd
8	Dr T S S Rao	Psychiatry	Cianta Research Ltd
9	Dr Praveen Kulkarni	Community Medicine	PPD Pharmaceuticals
10	Dr Akshay H M	Anaesthesia	Syngene International Pvt. Ltd
11	Dr Prathiba Pereira	Geriatrics	Bharath Biotech International Ltd
12	Dr T S S Rao	Psychiatry	Cianta Research Ltd
13	Dr Praveen Kulkarni	Community Medicine	PPD Pharmaceuticals
14	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd
15	Dr Narayanappa D	Paediatrics	GlaxoSmithKline (GSK)
16	Dr Prathiba Pereira	Geriatrics	JSS Medical Research India Pvt.Ltd
17	Dr Prathiba Pereira	Geriatrics	JSS Medical Research India Pvt.Ltd
18	Dr T S S Rao	Psychiatry	Cianta Research Ltd
19	Dr T S S Rao	Psychiatry	Cianta Research Ltd
20	Dr T S S Rao	Psychiatry	Cianta Research Ltd
21	Dr Praveen Kulkarni	Community Medicine	PPD Pharmaceuticals
22	Dr T S S Rao	Psychiatry	Cianta Research Ltd
23	Dr T S S Rao	Psychiatry	Cianta Research Ltd
24	Dr Veeranna S	Dermatology	GlaxoSmithKline (GSK)
25	Dr T S S Rao	Psychiatry	Cianta Research Ltd
26	Dr Praveen Kulkarni	Com. Medicine	PPD Pharmaceuticals
27	Dr Mahesh P A	Pulmonology	Paraxel International Pvt Ltd
28	Dr Soumya H V	Ophthalmology	Iqvia RDS(India) Pvt. Ltd
29	Dr Narayanappa D	Paediatrics	GlaxoSmithKline (GSK)
30	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd
31	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd
32	Dr Prathiba Pereira	Geriatrics	Abiogenesis Clinpharm Pvt Ltd
33	Dr T S S Rao	Psychiatry	Cianta Research Ltd
34	Dr M D Ravi	Paediatrics	Labcorp Drug Development
35	Dr Jayaraju B S	Pulmonology	SIRO Clinpharm Pvt.Ltd

36	Dr T S S Rao	Psychiatry	Clianta Research Ltd
37	Dr T S S Rao	Psychiatry	Clianta Research Ltd
38	Dr.Ravikumar Y S	General Medicine	IQVIA
39	Dr M D Ravi	Paediatrics	IQVIA
40	Dr M D Ravi	Paediatrics	Diagnosearch Pvt Ltd
41	Dr Subhash Chandra B J	General Medicine	Diagnosearch Pvt Ltd
42	Dr M D Ravi	Paediatrics	IQVIA
43	Dr.Ravikumar Y S	General Medicine	IQVIA
44	Dr Ramaswamy Subramanian	Rheumatology	Klinera
45	Dr Subhash Chandra B J	General Medicine	Diagnosearch Pvt Ltd
46	Dr.Ravikumar Y S	General Medicine	IQVIA
47	Dr M D Ravi	Paediatrics	IQVIA

Publications

1. Suma M N, Akila Prashant, Shobha C R, Vivek Anand Ojha, Devananda Devegowda, Prashant M Vishwanath. Dimensional model making as an innovative tool for enhanced learning through student engagement among early professional medical graduates. *International Journal of Health and Allied Sciences*. 2022 Sep;11(1):25-32.
2. Devananda Devegowda, Akila Prashant, Shobha C R, Vivek Anand Ojha, Prashant M Vishwanath, Suma M N. 3-Dimensional model making as an innovative tool for enhanced learning through student engagement among early professional medical graduates. *International Journal of Health and Allied Sciences*. 2022 Sep;11(1):27-32.
3. Shubham Dodia, B Annappa, Dr Mahesh P.A. A Novel Artificial Intelligence-Based Lung Nodule Segmentation and Classification System on CT Scans. *Communications in Computer and Information Science*. 2022 July 1568;552-564.
4. Shubham Dodia, B Annappa, Mahesh P A. A Novel Bi-level Lung Cancer Classification System on CT Scans. *Lecture Notes in Computer Science*. 2022 Jul;13413:578-593.
5. Amogha G Paladhi, M Manohar V, Kaushik Pal, Sugumari Vallinayagam, Azhagu Saravana Babu Packirisamy, Vajiha Aafrin Bashreer, R Sai Nandhini, Kingsley Eghonghon Ukhurebor. Novel electrochemical biosensor key significance of smart intelligence (IoMT & IoHT) of COVID-19 virus control management. *Process Biochemistry*. 2022;122:105-109.
6. Dr Pushpa V.H, Dr Jayanthi M.K, Prithvi S Shirahatti, Rashmi H R., Veeresh Kumar N Shivamurthy, Shashank M Patil, Dr Ramith Ramu. New insights on the phytochemical intervention for the treatment of neuropsychiatric disorders using the leaves of *Michelia champaca*: an in vivo and in silico approach. *Pharmaceutical Biology*. 2022 Dec;60(1):1656-1668.
7. Hitesh B Patel, Hemanth Vikram P R, Narasimha M Beeraka, Gurupadayya B m, Pramod Kumar. UP-LC-MS-based Method Development, Validation, and Optimization of Dissolution Using Quality by Design Approach for Low Dose Digoxin: A Novel Strategy. *Current Pharmaceutical Analysis*. 2022 Aug;18(9):841-851.
8. Shreyas H Karunakara, Lakshana D Puttahanumantharayappa, Varsha D Shiragannavar, Nirmala G Sannappa Gowda, Prasanna K Santhekadur. Novel Insights into MEG3/miR664a-3p/ADH4 Axis and Its Possible Role in Hepatocellular Carcinoma from an in Silico Perspective. *Genes*. 2022 Nov;13(12):1-10.
9. Shweta Raviraj Poojary, Balasubramanian Gurumurthy, Divya Vishwanatha Kini, Rudresh Hiremath, Theertha Kuttancheri, Suhan Rai Bannampalli. A new page in the literature of pancreatic pseudocyst: case report on perirenal pseudocyst presenting as page kidney. *Egyptian Journal of Radiology and Nuclear Medicine*. 2022 Nov;53(1):1-6.

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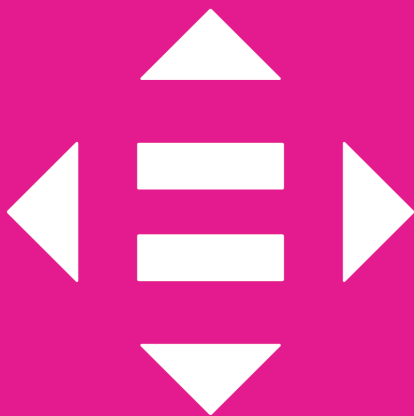
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10 **REDUCED INEQUALITIES**



**Reduce
inequality
within and
among
countries**



**“A nation will not
survive morally or
economically when so
few have so much and
so many have so little”
-Bernie Sanders**

Contributors



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Introduction

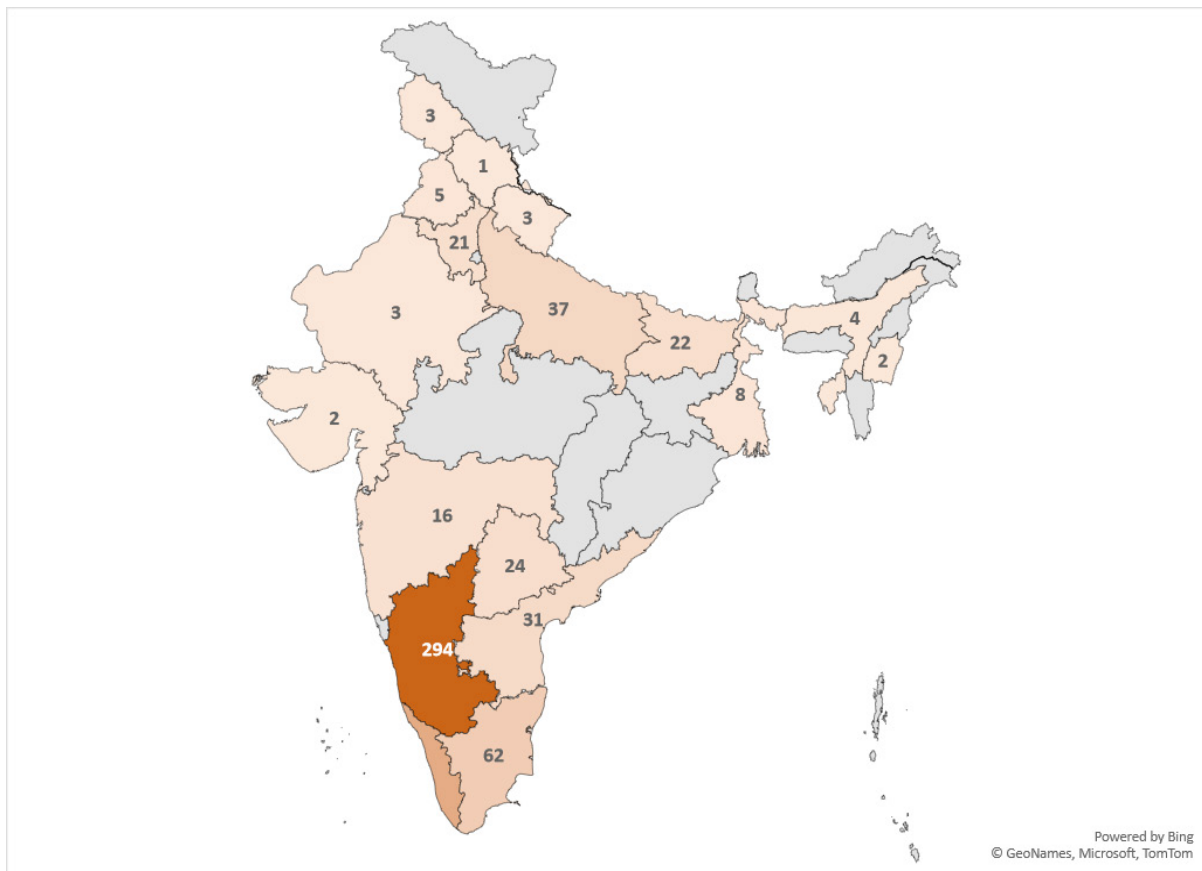
Sustainable Development Goal 10 aims at reducing inequality within and among countries. This SDG calls for reducing inequalities in income as well as those based on age, sex, disability, race, ethnicity, origin, religion or economic or other status within a country. The goal also addresses inequalities among countries, including those related to representation, migration and development assistance.

The Goal has ten targets to be achieved by 2030. The first seven targets are outcome targets: Reduce income inequalities; promote universal social, economic and political inclusion; ensure equal opportunities and end discrimination; adopt fiscal and social policies that promotes equality; improved regulation of global financial markets and institutions; enhanced representation for developing countries in financial institutions; responsible and well-managed migration policies. The other three targets are means of implementation targets. Special and differential treatment for developing countries; encourage development assistance and investment in least developed countries; reduce transaction costs for migrant remittances.

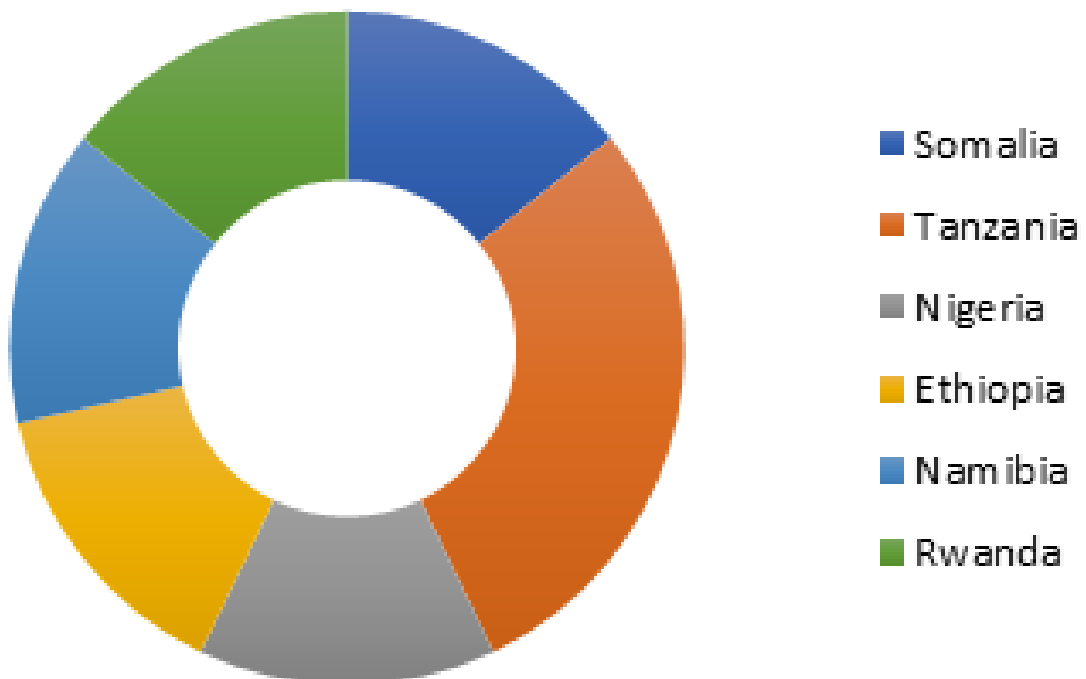


GEOGRAPHIC DIVERSITY AMONG STUDENTS – 2022-2023

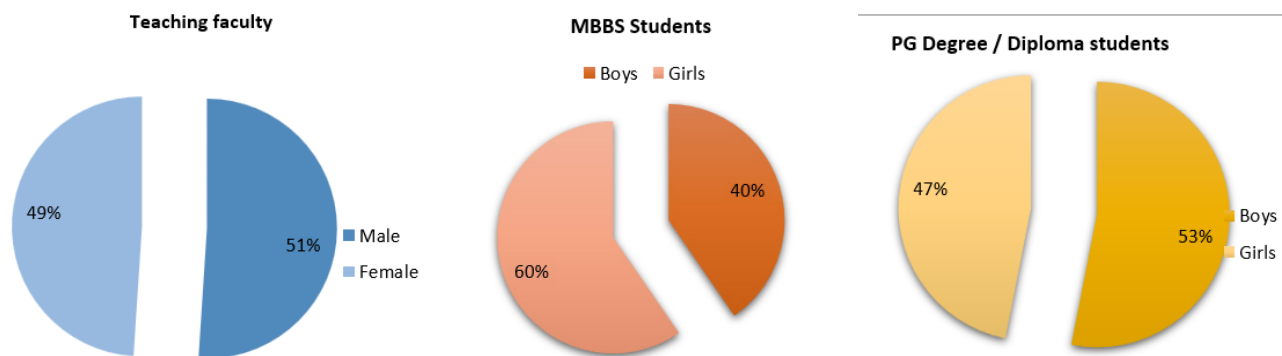
National (Total=715)



International students BSc & MSc courses (Total= 07)

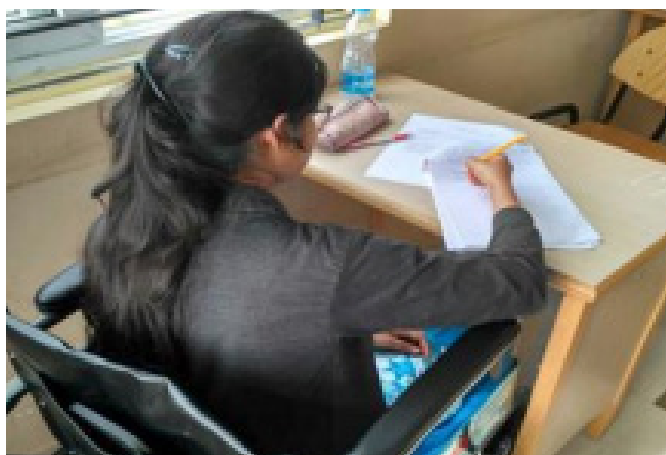


Equal opportunity across gender among students and faculty



FACILITIES PROVIDED FOR DIVYANGJAN-DIFFERENTLY ABLED STUDENTS AND STAFF IN THE COLLEGE CAMPUS.

- Wheel Chairs
- Stretches
- Ramps provided in all the floors of the college and hostel
- Suitable toilets provided in college and hostels
- Lift facilities available



Academic and social outreach activities towards SDG 10

CME on “**ELDERLY AWARENESS OF HEALTHY AGEING AND REJUVENATION**” with the theme “**Know Alzheimer’s Know Dementia 2022**” was organised by the Department of Geriatrics and Department of Pharmacology in association with Alzheimer’s and Related Disorders Society of India (ARDSI) and JSS Senior Citizen Helpline on September 27th 2022 at Dr.Sri Shivarathri Rajendra Bhavana, JSS Hospital Mysuru.



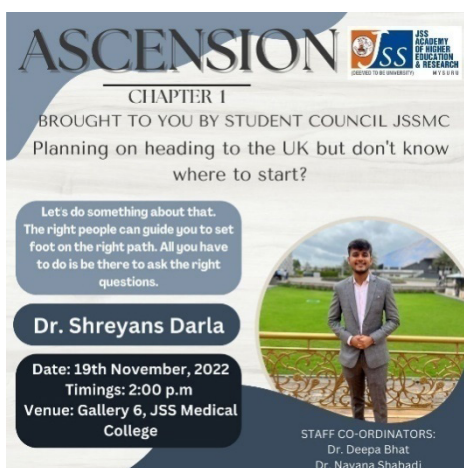


GyAn 2022 CME on Infertility and Andrology” was organised on Saturday, 09.07.2022 at Sri Rajendra Centenary Auditorium, JSS Hospital, was organized by the department of OBG on 09th July 2022. This CME was organized to shed light on various aspects of infertility, especially, male infertility.

150 delegates had registered for the CME and included gynaecologists and embryology students from JSS Hospital as well as SRMC,

Chennai and IIARTCR, Mysore.

On the occasion of National Library Week, a three-day Library Workshop on **‘Utilization of E-Resources and Enhancing Research Visibility’** was organized by the Library Committee of JSS AHER from 15th to 17th November 2022. at Shri Rajendra Centenary Auditorium, JSS Hospital, Mysuru. The primary objective of the workshop was to promote the use of E-learning, enhancing research skills, awareness of available E-resources in JSS AHER libraries, enable to acquire knowledge on current technological developments in research fields, to improve teaching skills and learning abilities and channelize development in Research.



Department of Anatomy and **student council**, JSS Medical College has conducted Ascension chapter -1 on 19th October 2022. Ascension is an initiative under the aegis of the Student Council of JSS Medical College aimed at providing a platform for students to explore their options after MBBS and to provide guidance as to how one must start their journey into their post-graduation.

Ascension will encompass chapters featuring JSSMC alumni who have already made considerable progress in their journey as well as other resource persons to aid you in your decision-making process.

Featuring Dr Shreyans R Darla of the MBBS Batch of 2016 who recently passed PLAB 2 and is set to pursue his residency in the UK. Chapter 1 of Ascension has explored the road to the UK, the challenges one can expect and strategies that one must adopt to get it right.



A guest lecture was organized by **Paediatrics** on 11th July 2022 at Paediatrics Seminar Hall. Dr.Siddramappa Jagdish Patil, Senior Consultant in Clinical Genetics at Mazumdar Shaw Medical Centre / Narayana Hrudayalaya Hospitals, Bangalore was the speaker. He spoke about the **“Utility of Genetics in Clinical Practice”**. He discussed about the various genetic tests that can be offered to patients with syndromes and clinical features suggestive of a genetic disorder. He also showed interesting case scenarios which

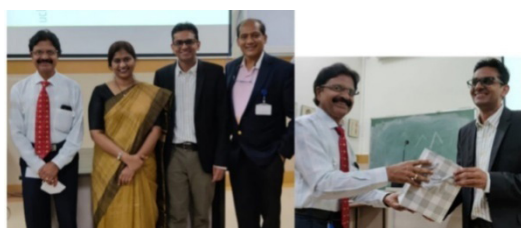
could be masquerading with genetic disorders and their approach. There was a good interaction between the faculty and the speaker about the clinical utility of the various genetic tests available and their cost benefits.



A guest lecture was organized by the Department of Pediatrics on 12th July 2022 at the seminar hall. Dr.SandeshShivananda, Consultant Neonatologist, Vancouver, Canada was the speaker. He spoke on the topic **“Early warning signs in Neonatal care”**. He spoke about how early signs can be monitored in PICU and NICU. He discussed about how effective staff training

would help in the systematic management of the babies by early detection of deterioration. This would be helpful in reducing morbidity and mortality. There was a good interaction between the faculty and the speaker about how we improvise on our present practices to identify critical events early.

Dr.GyongyiSazbo, Professor of Medicine and Faculty Dean for Academic Affairs, Harvard Medical School, USA, Chief Academic Officer, Beth Israel Deaconess Medical Center and Beth Israel Lahey Health, Boston (MA), USA gave a talk on **Going the Harvard Way – What makes Harvard one of the topmost universities and sharing thoughts with faculty members of JSSAHER.**



Dr.Ashish Shetty, FRCA, FFPMRCA, Honorary Associate Professor, UCL Regional Advisor in Pain Medicine, Consultant Lead in Pain Medicine, National Hospital for Neurology & Neuro Surgery, University College London Hospitals, London gave a presentation on **Chronic Pain & Neuromodulation.**



Department of OBG, JSS Medical College has conducted guest lecture on **Hypothyroidism in Pregnancy** on 27.12.2022 at OBG Seminar hall, JSS Hospital, Mysuru. Dr. Ajay Hanumanthu, Assistant Professor, consultant Endocrinologist, Dept of Endocrinology, JSS Medical College delivered the guest lecture on the above mentioned topic. A total of 49 delegates participated in the programme.



Dr. Debjoyoti Banerjee, Enmed, Texas A&M University (TAMU) visited, JSS Medical College & Hospital to explore the opportunities on collaboration with regard to joint workshop, **Students exchange and research activities** between JSS AHER and TAMU from 24th to 27th November 2022.

Dr.SrivatsaBoraiah, Consultant Orthopaedic Surgeon, **USA** shared his experience on Robotics in Arthroplasty to the faculty of department of Orthopaedics on 8th November 2022 in the Orthopaedic Seminar Hall, JSS Hospital, Mysuru



Happy mind and healthy body

Post graduates well being program - brahma Kumari was conducted on March 2023. Talk on " Happy mind and healthy body " was delivered by Zonal Incharge Head of Brahmakumaris sister Lakshmi addressing the faculty of **Geriatrics**. Special mention on how to cope work and remain stress free was addressed. Note on Rajayoga meditation was briefed .

Pediatric Diabetes camp

Pediatric Diabetic Camp was conducted on 21.04.2023 at Lecture Hall -2, Ground floor, JSSH. Pediatric Diabetes camp was organized by the pediatric Diabetes clinic, department of **pediatrics** and department of medical social work on April 21st 2023.

It was presided by Dr. K.M. Prasanna Kumar, Chief of Endocrinology & Diabetes Research Trust, Bangalore and team.



Our beloved Principal Dr. H BasavanaGowdappa and Medical Superintendent Dr. C.P. Madhu for guests of honor. The camp was a huge successes with about 50 Diabetic children and their parents marking their attendance, sharing their experiences and also guidance given by Dr. Prasanna Kumar. Lunch was arranged for all attendees following the interactive session.



A guest lecture was organised by department of clinical psychology on **Child care** in the indigenous Indian health care system was delivered by Prof Malavika Kapur on 07 February 2023

Dr. Akila Prashant, professor & Head, department of biochemistry presented a lecture in an International symposium SWASTHYAM 2023, with the theme Public Health, Healthy Living, and **Sustainable Development Goals** on 1st & 2nd June 2023 at School of Public Health, JSSMC, JSSAHER, Mysuru.

INAUGURATION OF ADULT IMMUNIZATION CENTER 26.04.2023



Department of General Medicine, JSS Medical College and Hospital takes pride in informing that an “**Adult Immunization Centre**” was inaugurated on 26th April 2023 at Master health check-up complex. The adult immunization centre was inaugurated by our Registrar Dr. Manjunatha B and the event was presided by our Principal Dr. Basavana-Gowdappa H along with our medical superintendent Dr. Madhu C.P. the program was also attended by Vice Principals, HODs from various department, administrators, postgraduates, house surgeons, undergraduates and nursing students. On this occasion, nearly 30 beneficiaries (which included Doctors and public) were administered the required vaccine.



Race for 7 on 12th March 2023

“Race for 7” a marathon to raise awareness on **rare genetic diseases** was organised by Organization for Rare Disease India [ORDI] every year & JSS Medical College was part of the organization of the event. Race for7 represents 7000 Rare Diseases and the average of 7 years it takes to diagnose a Rare Disease; It is a multi-city 7 kilometer run/walk/ride to raise awareness for Rare Diseases in India. 8th edition of this event has been held across several cities in India. Mysore witnessed the event on 12th March 2023 at 6 am.



Medical Laboratory Professionals Week – 28-04-2023

Medical Laboratory Professionals Week, an annual celebration to highlight and show appreciation for **laboratory professionals** was celebrated at JSS Hospital on 28th April 2023 with the theme “The Future is Lab” as announced by Centers for Disease Control and Prevention (CDC), Atlanta, USA. The event was inaugurated by Dr.G.V.Manjunath, Deputy Director (Diagnostics), Dr.Sheeladevi C.S., Professor & Head, Department of Pathology, Dr.A.Teashree, Professor & Head, Department of Microbiology, Dr.AkilaPrashant, Director Laboratory Services and Professor & Head Department of Biochemistry, Mr. Lokesh, Administrative Officer, JSS Hospital.



STUDENT EXCHANGE PROGRAMME

Ms. Anne Laure Vandeveld and **Ms. Suze Lievrouw** from KU Leuven University, **Belgium** will be pursuing observership at the Department of Paediatrics, JSS Hospital between 12th September 2022 to 8th October 2022 under the mentorship of Dr.Narayanappa, Professor, Department of Paediatrics.



Eight Students from the University of **Malaya, Kuala Lumpur, Malaysia** completed their observership for a duration of 06 weeks at the JSS Hospital between 31st October 2022 to 8th December 2022 in the department of Paediatrics, Obstetrics and Gynaecology, General Surgery, Nephrology, Gastroenterology, Rheumatology, Emergency Medicine, Cardiology, Cardiothoracic Vascular Surgery and Neurology.



Mr.Benakaraj A.R. in second year medical course in Mari State University, **Russia** has completed observership at JSS Hospital, Mysuru, Karnataka, India in the department of Radiology, Neurology, General Surgery, Cardiology, ENT between 8th August 2022 to 13th September 2022 each for a duration of one week.



Ms.Navvana From Lady of Fathima University, **Manila, Phillipines** completed Observership at JSS Hospital between 15th September 2021 to 30th December 2022. Ms.Navvana was posted in in the department of Community Medicine, Ophthalmology, ENT, Psychiatry, and Internal Medicine, Paediatrics, Surgery and Obstetrics and Gynaecology.



Ms.Khushi Dagli from Quinnipiac University, USA is pursued 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 4 weeks from 5th June 2023 to 1st July 2023. She visited **Anganwadi centre, and District Rehabilitation Centre, Mysuru** to understand the functioning of the centres



Students from Minnesota Medical School and University, USA visited department of Psychiatry as a part of student exchange programme 4th January 2023.

OUTREACH ACTIVITIES SUPPORTING SDG 10

National Service Scheme (NSS)

SCIENCE EXPO-2022 – 09-07-2022

Braving intermittent drizzle all through the day, over 10,000 school and college students and other Science enthusiasts from across the State took part in the Science Expo-2022 organised by **Mysore Science Foundation (MSF)** as part of its Decennial celebrations at Sadvidya Semi-residential PU College in Vijayanagar Second Stage, Mysuru on 09/07/2022. Science expo featured a variety of workshops, demonstrations, Aryabhata Mobile Planetarium 3D show, Mobile Science Lab, Nature Photo Expo, **Human anatomy and specimens**, Demonstration on Food adulteration detection, Nutrition status assessment, Science and Maths Models display, Robotics Models, Solar goggles, expo by Research students, HAM radio and 3D printing etc.

Former ISRO Chairman A.S. Kiran Kumar inaugurated the expo by offering floral tributes to the portraits of top scientists and operating a remote-controlled drone.

Gross human anatomy specimens (cardiovascular system, respiratory system, genitourinary tract, gastrointestinal tract) and **plastination specimens** from the Department of Anatomy, JSS Medical College, Mysuru were exhibited and explained to the students by NSS unit faculties and postgraduates. The programme was scheduled from 9:30am to 5:30pm.



NSS HEALTH CAMP – 26-07-2022

SPOORTHY ladies wing of the builders' association of "**Builder's Association of India**" (BIA) has conducted a health check-up camp at Dattagalli, Mysuru. under the aegis of JSS Medical College, Academy of Higher Education and Research, NSS wing, Mysuru on the 26th of July 2022, held from morning 11 AM-4 PM.

The camp was conducted in the construction (apartment) site at Dattagalli, where the actual building construction work was in progress. The camp was headed by the NSS wing medical college, Mysuru, and conducted in coordination with the physicians from the department of community medicine, JSS medical college. The program was started with the initial remarks by the doctors, regarding basic awareness among the common people on the concepts of health, cleanliness, and security measures at the construction site. While addressing the **female participants** special remarks were passed on the importance of menstrual hygiene, and the nutrition, by the lady physician.

The health camp activity included general health checkups along with the distribution of free medicines for general complaints and minor health issues. For the major complaints, the necessary advice was given to approach the concerned physician/hospital. Along with the physical examination the blood pressure was measured in all the participants, and blood sugar levels were checked by using a glucometer. More than 70 construction workers including males, females, and children took benefit from the camp.



World Breastfeeding Week 1st – 7th August 2022

On the occasion "World Breastfeeding Week 2022", Department of Community Medicine, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru had organized the Quiz Competition for Diploma nursing students of JSS School of nursing, Mysuru on 11th August 2022.

24 students in a team of 2 participated in quiz competition. Elimination round was conducted for 12 teams and top 5 teams were selected for the final rounds of quiz. The rounds included, Just a minute round, MCQ round, Genius round, Image based round, Unscramble round and Tie breaker round. Questions were also posed to the audience. Quiz was conducted by Quiz master Dr Mythily M R.

Winners of Quiz Competition:

1st Prize: Trina Choudary and Sanjana Sen, 2nd Prize: Manisha Pinto and Monisha R 3rd Prize: Ananya Karmakar and Bhavani U R



Breast feeding week 2022 - 1st August to 7th August 2022

On occasion of World Breast feeding week 2022, breast feeding awareness programmes were conducted by Urban health centre from 1st August to 7th August 2022. As per the instruction of Medical officer health education programme was organized in MCC colony D block on 1st August, in UHC OPD on 2nd August, in F block on 3rd, Medar block Anganwadi on 4th and Haleem nagar on 5th & 6th August on 1st of August programme was conducted in Anganwadi in MCC colony where 14 women participated and they were provided information on importance of Exclusive breast feeding, advantages of breastfeeding to mother and children by UHC interns Dr.Sahilmunzl and Dr.Nikitha George. On 2nd August small video demonstration programme was conducted in UHC OPD for ANC & PNC women on breast feeding techniques and hygiene. UHC Medical officer Dr.Krishnaveni Y.S. and OBG post graduate Dr.Devika spoke on methods of breast feeding, exclusive breast feeding and discussed on problems faced by mothers in bf. Participants clarified about their doubts on myths and beliefs about breast feeding.

Similar programmes were also conducted in RMC F block on 3rd august where PNC women were shown videos on proper breast feeding techniques and were educated about EBF. And in programme conducted in medar block Anganwadi no 70, 9 women participated where nursing students showed pictures of bf techniques and methods.

On 5th August in a similar programme, 26 women gathered in Haleem Nagar samudhaya bha-van along with Community health officer Mrs Jayasheela, Mrs Kadeeza F, ASHA worker Sumay and anganwadi staffs.

'Cancer Awareness programme 2022 - 16th August 2022

On A health education programme was conducted in Rajarajeshwarinagar, B block Bamboobazar on 16th August 2022 where members of a Self help group were provided information on common cancers in women. UHC staffs Intern Dr Mehar, Health inspector Mr Santhosh, MSW staff Mr Mallikarjunswamy participated in Self help group gathering which is conducted every month. This month awareness was given on common cancers in women like Breast cancer and cervical cancer. Dr Mehar conducted interactive session on prevention of cancers by maintaining hygiene and preventing cervical infections. Importance of breast feeding in prevention of breast cancer was also stressed. Information on Nutrition, cervical cancer vaccination was also provided. A total of 34 women availed the benefits.



INTERNATIONAL DAY FOR DISABLED PERSONS 2022 – 03-12-2022

JSS School of Public Health observed International Day for Disabled person on 3rd December 2022 under the theme “Transformative solution for inclusive development: the role of innovation in fueling an accessible and equitable world. The programme was conducted by Group 2 of the 1st and 3rd Semester of MPH.

The programme started with a small introductory speech by Dr Raghavi and Dr Aasweeja followed by a skit presented by the students of 1st semester MPH on spreading awareness on disability. This was followed by a briefing by Mr Kishore about the various schemes available under the Government of India for the well-being of disabled people. Chief Co-Ordinator of MPH Dr Anil S Bilimale also shared his experiences on this occasion. Dr Hemalatha and Dr Urvi of 3rd Semester MPH who had close experiences of working with the specially-abled also shared their words and then the session was concluded.



Awareness & Nutrition programme in Anganwadi on 5th February 2023 at JSS Urban Health Centre, Bamboo Bazaar, Mysuru. To raise awareness about **cancer and leprosy** in light of World Cancer Day (4th February 2023) and world leprosy day (January 29th, 2023), an awareness programme was held on behalf of the Department of Community Medicine, JSS Urban Health Training Centre, Bamboo Bazaar, and PHC, Bannimantap on 5th Feb.

2023. The programme was conducted in Anganwadi, MCC colony, near the railway circle, Bannimantap. It was held as small group discussions. The head sister of PHC, Bannimantap, a medico-social worker and medical officer addressed the gathering.



On Paradigm shift in **autism spectrum disorders**-Focus on recent advances in diagnosis & management by Dr.Suhas Chandran, Asst. Professor, Child & Adolescent Psychiatry, St. John Medical College, Bangalore on 28-01-2023. A total of 40 delegates participated in the program.

World Leprosy Day – 28-01-2023



World **Leprosy Day** was organized in the department of Dermatology, JSS Hospital on 28-01-2023. A total of 30 delegates participated in the program. Dr. Jayashree, Professor from the department of Physical Medicine and Rehabilitation highlighted on Rehabilitation for Leprosy patients. Dr. Shreelakshmi N., Sr. Resident spoke on leprosy care, Dr. Santhosh, Associate Professor from the department of Physiotherapy spoke on usefulness of Physiotherapy in Leprosy.

International Women's Day - 10-02-2023

The Internal Quality Assurance Cell of JSS Medical College has observed **International women's day** on the 10th of February 2023. The programme began with an invocation by Dr. Manu G, Associate Professor, Department of Pharmacology, JSS Medical College. Dr. Manthappa M, Vice Principal (Clinical), JSS Medical College formally welcomed the gathering. The programme was inaugurated by watering the plant by all the dignitaries on the dais. The inspiring women awards were accorded to the teaching, technical and administrative faculty members of JSS Medical College for their immense contribution towards the institution. Dr. Praveen Kulkarni, Vice Principal (Paraclinical), JSS Medical College announced and read the citations of the awardees.



World Tuberculosis Day – 23-03-2023

World Tuberculosis Day was observed by Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru in association with the JSS Nursing College, Mysuru at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru on 23.03.2023.



World Hearing Day

The Department of ENT, JSS Medical College, observed World Hearing Day 03-03-2023



In connection with **World Hearing Day**, hearing screening camps were held in the hospital across all age groups, including paediatric and geriatric population. These camps were held from 20th Feb to 1st March in the hospital and nearly 200 patients were screened for hearing loss. It included a complete ENT evaluation along with audiometry. Those who were diagnosed with hearing loss were advised to undergo detailed evaluation and counselled regarding the management. An inaugural function in this connection was held at Rajendra Auditorium, JSS Hospital on Feb 28th.

World Schizophrenia Awareness Day – 24-05-2023



World Schizophrenia Awareness Day was Organised by Department of Psychiatry JSSMC, JSSAHER. Psychiatry PGs presented “Narratives in Schizophrenia” & “Recording of Public Awareness on Schizophrenia in Seven Languages” was done. Dr.H.Basavana Gowdappa, Principal. JSS Medical College was guest of honour. Dr.C.P.Madhu, Medical Superintendent, JSS Hospital and Dr.Manthappa, Vice Principal. (Clinical), JSS Medical College were Guests. Dr.M.Kishor, Prof & HOD, Department of Psychiatry, welcomed all and mentioned the services carried out by the department. Dr.Shivanand Manohar, Assistant Professor of Psychiatry coordinated the event.

World Vitiligo Day – 26-06-2023



World Vitiligo Day 2023 was celebrated at JSS hospital, Mysore. The theme of the day was ‘looking into the future.’ A patient outreach programme was organised by the department of Dermatology. Chief guest on the occasion Sri Komal Kumar, Kannada cine star highlighted the quality treatment in the form of oral medications and surgeries available at JSS hospital at affordable prices to the patient. Public should shun myths about the disease and focus on doctors’ advice and get themselves treated.

International Day against Drug Abuse and Illicit Trafficking – 26th June 2023

International Day against **Drug Abuse and Illicit Trafficking** was observed on 26th June 2023 to encourage more action and co-operation towards a drug free world by department of Forensic Medicine and Toxicology on 26th June 2023 between 3.00 – 5.00 PM. Dr.H.BasavanaGowdappa, Principal, JSS Medical College, Dr. Praveen Kulkarni Vice-Principal (Para Clinical), and Sri S.R.Satish Chandra- Administrative officer, JSS Medical College, graced the occasion.



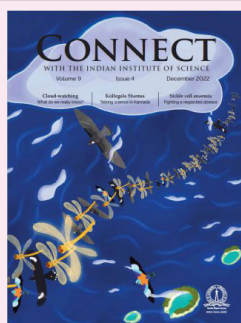
Awards & Achievements received by female faculty



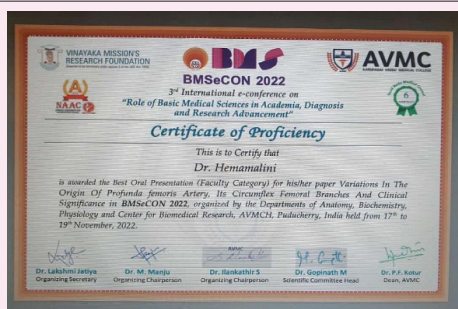
Dr.Vidya C.S., Professor of Anatomy bagged best poster award under Histology category for the poster titled “Seller - suprasellar pituitary macroadenoma in a 35 year old woman- a case report” and **Dr.Vinutha S.P.**, Assistant Professor of Anatomy bagged best poster award under Embryology category for the poster titled “The Spectrum of Congenital Anomalies among Still-born in a Tertiary Care Hospital: A Fetal Autopsy Study” at International conference organized by SRMC Chennai held on 22nd and 23rd July 2022.



Dr.Vidya C.S., Prof. & HOD of Anatomy was felicitated for authoring Text book- Quick review in Anatomy and Dr.Pushpalatha.K, Professor and Dr.Deepa Bhat, Asso.Professor, Department of Anatomy were felicitated for editing IB Singh Text book of histology-10th edition in the national conference organized by ASI & GIMS Gadag from 8th to 11th December 2022.



Dr.Deepa Bhat, Asso.Professor of Anatomy was featured for her contribution in the field of sickle cell disease and tribal health in the CONNECT - Indian Institute of Science quarterly magazine released by Office of Communications - Indian Institute of Science on 30th December 2022.



Dr.Hemamalini, Associate Professor of Anatomy won the Best Oral Presentation award (Faculty Category) for “Variations in the origin of profunda femoris artery, its circumflex femoral branches and clinical significance” under gross Anatomy category at the BMSECON-2022, 3rd International virtual e- conference organised by AVMCH, Pondicherry, held from 17th to 19th November 2022.



Dr.Pushpa N.B., Asst. Professor, Department of Anatomy received Research Excellence Award for Highest Number of Publication in the year 2021 at JSS Medical College, Mysuru on 12th May 2022.



Dr. Pushpa N.B., Assistant Professor, Department of Anatomy, awarded the Best Oral Presentation (Faculty Category) for “Histopathological analysis of effect of PIH on fetal kidneys using special stains and IHC” at the BMSECON-2022, 3rd International virtual e- conference organised by AVMCH, Puducherry, held from 17th to 19th November 2022.



Dr. Akila Prashant, Professor, Department of Biochemistry received Best Teacher Award 2022 at JSS Medical College, Mysuru on 12th May 2022.



Dr. Neetha S. Murthy, Sr. Resident, Department of Microbiology received 3rd Prize in MICROBIALGRAPHY 2022 at TM Media Logo Art in Culture Media Competition, Titan Biotech, Rajasthan on 2nd June 2022



Dr. Shwethashree M., Asst. Professor, Department of Community Medicine in recognition of outstanding performance and for demonstrating self-less team-work solving the clinical problem during the Medical Device Hackathon (MEDHA) Stage-1 held from May 14th to 28th 2022 by BETIC, IIT Bombay, Mumbai and JSS College of Pharmacy, JSS Academy of Higher Education & Research, Mysuru

Dr. Shwethashree M., Asst. Professor, Department of Community Medicine received Compact Design Award for demonstration self-less team-work and solving problem titled “Student Pocket Mobile Oscope” during the Medical Device Hackathon (MEDHA) held virtually from May 14th to 28th, 2022 by BETIC, IIT Bombay and Partner Institutes.



Dr. Shwethashree M., Asst. Professor, Department of Community Medicine received Social Innovation Device award for her work on Malaria Technology during Medical Device Innovation Course from 2nd September to 2nd October 2022.



Dr.Mithily M.R., Sr. Resident, Department of Community Medicine received Award for Best Scientific Full Paper in National level conference -My Nutricon 2022 held on 6th to 8th December 2022.



Dr.Smitha Rani, Asst.Professor, Department of Forensic Medicine received Best Teacher Award 2022 at JSS Medical College, Mysuru on 12th May 2022.



Dr.Smitha Rani, Assistant Professor in the Department of Forensic Medicine and Toxicology won second position in Paper presentation (Professional Category) at the IASR International Conference on Forensic Science held from 26th to 28th August 2022 organized by International Association of Scientists and Researchers, New Delhi. Her paper was titled "Significance of Death Scene Investigation by Forensic Medicine Expert: A Case Report".



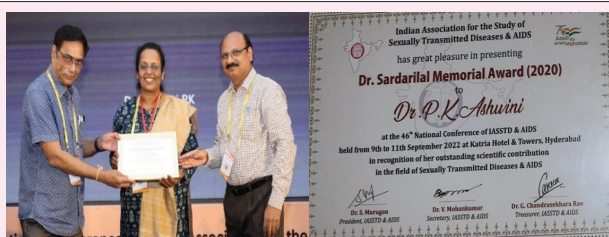
Dr.Pratibha Pereira, Professor & Head, Department of Geriatrics received Sri Sunku Subrahmanyam Memorial Oration award for the year 2022 in 18th International Conference of Geriatric Society of India held at Kolkatta on 02-12-2022.



Dr.ShilpaAvarebeel, Assistant Professor, Department of Geriatrics has received National Award as Young Scholar 2022 in National Geriatric Conference (GERICON 2022) held in Kolkata from October 28th to 30th 2022. She has received a Gold medal and cash prize.



Dr.Shilpa C., Asso. Professor, Professor, Department of E.N.T. received Best Teacher Award 2022 for her contribution to Medical Education Knowledge, Punctuality and Research on 12th May 2022.



Dr.Ashwini P.K.,Asso.Professor, Department of Dermatology received Dr.Sardarilal Memorial Award for best article in Study of Sexually Transmitted Diseases & AIDS at 46th National Conference of IASSTD & AIDS, Hyderabad during 9th to 11th September 2022.



Dr.Pushpa N.B., Associate Professor, Department of Anatomy received **"Certificate of Excellence"** for Assistant Editor of NJCA journal on 3rd March 2023 at 11th SOCA conference held at Ludhiana



Dr.Pushpa N.B., Associate Professor, Department of Anatomy received **Best Presentation**, Animation category "National E-Conference on Plastination Techniques" at Saveetha Institute of Medical and technical sciences, Chennai on 3rd Jun.2023

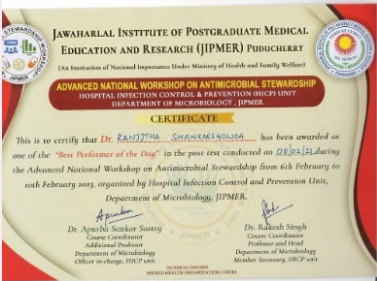
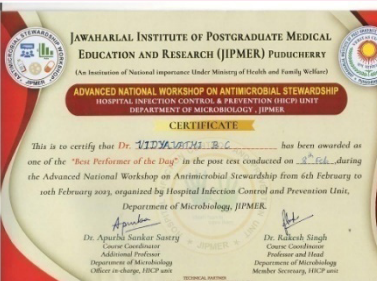
Dr.RashmiC.Ghoshi, Asst.Professor, Department of Anatomy received **International Best Researcher Award** at ISSN Awards, Trichy on 7th May 2023.



Dr.Prathima C, Associate Professor, Department of Pharmacology was awarded **"Best poster presentation"** titled "NRF2 modulatory potential and anti-cancer activity assessment of Novel 1, 2 Oxazines Invitro and In-vivo." in the 52nd Annual conference of Indian Pharmacological Society 2023 (52nd IPSCON 2023) held at JSS College of Pharmacy, Mysuru from 23rd to 25th February 2023.



Dr.N.M.Nandini, Professor, Department of Pathology was awarded the **Silver award** of 8th IHW Award 2022 in the category of **Excellence in Healthcare access and affordability**. Award issued by NITI Ayog Govt. of India, Parel, Mumbai on 19th January 2023.

	Dr.N.M.Nandini, Professor, Department of Pa- thology received Outstanding scientist Award at INSO Conferences, Organised by VDGOD Professional associates International conference for Award Winner in Engineering, science and Medicine. Pondicherry, India on 15th & 16th April 2023.
	Dr.Ranjitha Shankaregowda, Assistant Profes- sor, Department of Microbiology was awarded “Best performers of the day” on 8th February 2023 during the Advanced National workshop on Antimicrobial Stewardship held between 6th to 10th February 2023 conducted by Hospital In- fection Unit and Department of Microbiology at JIPMER, Pondicherry.
	Dr.Vidyavathi B. Chitharagi, Assistant Profes- sor, Department of Microbiology was awarded “Best performers of the day” on 8th February 2023 during the Advanced National workshop on Antimicrobial Stewardship held between 6th to 10th February 2023 conducted by Hospital In- fection Unit and Department of Microbiology at JIPMER, Pondicherry.
	Dr.Pratibha Pereira, Professor and HOD, Depart- ment of Geriatrics, has won Best Overall Pre- sentation Award for her paper on BCG booster to prevent COVID 19 in elderly in 4th International conference Gerontology and Geriatric Medi- cine “Silver Age 2023” held as hybrid mode in Colombo, Sri Lanka on 26th& 27th May 2023.
	
Dr. K.B Suma, Professor, Dr. Jayashree & Dr. Virupaksha Ajjammanavar, Associate Professors of OBG were felicitated by DC during inaugural function for their contribution towards PMSMA program by treating pregnant women at Hadinaru PHC at PMSMA Workshop at Maya’s Kings Kourt Hotel, Mysore on 8th February 2023.	
	Dr.Thanzeemunisa Senior Resident, Dept. of E.N.T. received Henry Claman Gold Medal for achieving 1st place in the overall proficiency in DAA course 2022 organized CMC, Vellore& In- ternational Asthma Services (IAS), USA on 12th January 2023.

 	Dr. Jaishree P, PG, Dept. of E.N.T. received Gold Medal Dr. Gananathan Govindhaswamy research award paper at AOICON 2023 74th annual conference of the association of Otolaryngologists of India, Jaipur during 3rd to 5th February 2023.
	Dr. Anushka Kedia, Dr. Kothakapa Chatura, PG Students, Department of Dermatology received 2nd prize in Leprosy Quiz (state level), CME Leprosy Update at Siddhartha Medical College, Tumkur on 21st January 2023.
	Athira Raj T., Dept. of Forensic Medicine received Best poster presentation at Dept of Forensic Sciences, Kristu Jayanti College, Bengaluru during 20th & 21st April 2023.
	Dr. Sakshi Dubey, PG Student, Dept. of Pathology won First Prize for the paper presentation at VAPCON, titled "A study of Histopathological invasive front markers in colorectal adenocarcinoma" at Dhantoli, Nagpur on 8th January 2023.
	Ms. Harshitha & Ms. Varsha D.S., Ph.D. Scholars, Dept. of Biochemistry, JSS Medical College, Mysuru received "Savitribai Jyotirao Phule Fellowship for Single Girl Child 2022-23" on 7th February 2023 at JSSAHER, Mysuru.
 	Ms. Lakshana D.P., PG Student, Dept. of Biochemistry, JSS Medical College, Mysuru received Padma Vibhushan Prof. U.R. Rao Award 2022 (Post graduate level) for her innovative project entitled "To analyze the protective role of quercetin and saroglitazar on ethanol induced hepatic steatosis" carried out under the guidance of Dr. Prasanna K. Santhekadur, Asso. Professor of Biochemistry, organized by Karnataka Science and Technology Academic (KSTA), Dept. of Science & Technology, Govt. of Karnataka on 7th March 2023.

JSS Skill & Simulation Centre Activities

Advanced **Neonatal resuscitation** workshop conducted by JSS Medical college Pediatric department in association with Indian academy of pediatrics on 06.01.2023

41 participants from various medical colleges attended the course

RESEARCH ACTIVITIES RELATED TO SDG 10

Research projects

1. Centre for training research and innovation in **Tribal Health** . PI:Dr Deepa Bhat, Dept of Anatomy. Amt: 71,00,000.00 funded by DBT
2. Micronutrient deficiency and cognitive dysfunction in **tribal areas**. PI: Dr.Praveen Kulkarni, Dept. of Comm. Medicine. Amt: 27,50,000.00 funded by DBT
3. **Geriatric** Chronic cerebral hypoperfusion. PI: Dr Kishore M, Dept. of Psychiatry. Amt: 50,00,000.00 funded by DBT
4. Bone mineral density in **children** and RO water consumption. PI: Dr.Devanand, Dept. of Biochemistry. Amt: 20,41,000.00 funded by ICMR
5. Indian folk games and cerebral palsy. PI: Dr.K.Jagadish Kumar, Dept. of Paediatrics. Amt: 24,00,000.00 funded by ICMR
6. Health Awareness Project for **rural areas** in North Karnataka. PI: Dr.Praveen Kulkarni, Dept. of Comm. Medicine. Amt: 12,50,000.00 funded by Dr Somashekar and Malathi Health and Wellness Foundation
7. Cognitive abilities between hydroxy urea treated & untreated SCD **children**. PI:Dr Deepa Bhat, Dept of Anatomy. Amt: 15,00,000.00 funded by Bodoland University, Assam
8. **Community-centered** health system strengthening for outpatient antimicrobial stewardship with Replicating Effective Programs Framework. PI: Dr.Sumana M.N, Dept. of Microbiology. Amt: 35,50,925 funded by JSSAHER &Pfizer
9. Profile of Micronutrient deficiency nutritional status and cognitive dysfunction among **elderly** residing in **tribal areas** of Southern Karnataka, India. PI: Dr.Praveen Kulkarni, Dept. of Comm. Medicine. Amt: 26,08,040 funded by DBT, GoI
10. 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, Dept. of Community Medicine. Amt: 1,00,000 funded by Mamta HMIC, New Delhi
11. Cost of illness and Diabetes-Specific Quality of Life among Type 1 Diabetic **adolescents** in Mysore District. PI: Dr Madhu B, Dept. of Community Medicine. Amt: 1,00,000 funded by Mamta HMIC, New Delhi
12. Sickle Cell Disease-related stigma, economic loss and quality of life among **tribal population** of India - Mysore district, Karnataka. PI:Dr Deepa Bhat, Dept of Anatomy. Amt: 19,00,000 funded by ICMR
13. Impact of use of oral Nutritional supplement on physical health, mental health & immune health in growing **children** at risk of under nutrition. PI: Dr.Prashanth S N, Dept. of Paediatrics. Amt: 5,26,350 funded by Sun pharmaceutical Industries Ltd.
14. COVID-19 Pandemic in Children: A study on 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 in collaboration with AIIMS New Delhi. PI: Dr.Rajani H S, Dept. of Paediatrics

15. To determine the clinical and neuroimaging characteristics and outcomes of Febrile Infection-Related Epilepsy Syndrome (FIRES) in **children**. in collaboration with AIIMS New Delhi. PI: Dr.Rajani H S, Dept. of Paediatrics

16. **Geriatric** Chronic cerebral hypoperfusion: Role of short chain fatty acids supplementation on gut-brain axis function, protein misfolding, autophagy and cognition. PI- Dr.Kishore.M, Dept of Psychiatry funded by DBT

17. Adverse effect of outdoor and indoor air pollution on respiratory and vascular function among **adolescents**. PI: Dr.Mahesh P A, Dept. of Respiratory Medicine. Amt: 15 Lakhs funded by Swedish Heart Lung foundation, Karolinska Institute, Sweden

18. Association of gene polymorphism in obesity related genes and its association with histopathological prognostic factors, hormonal receptor status and Ki67 index in obese **breast cancer** patients. PI: Mr. Adel Mohammed Saleh Ahmed , Dept. of Biochemistry. Amt: 25000 funded by JSSAHER

19. Role of core clock genes in **Breast Cancer** and their response to treatment. PI: Ms. SupriyaBevinakoppamath, Dept. of Biochemistry. Amt: 25000 funded by JSSAHER

20. Regulation of oncogenic pathway by melatonin in **breast cancer**. PI: Ms. Bhoomika Inamdar, Dept. of Biochemistry. Amt: 25000 funded by JSSAHER

21. Standardization of multiplex polymerase chain reaction for the detection of potential pathogens causing **neonatal** sepsis. PI: Mr.MeghnathDahal, Dept. of Biochemistry. Amt: 25000 funded by JSSAHER

22. Comparative analysis on serum zinc level in **children** with febrile seizure and febrile controls in JSS Hospital a tertiary care center. PI: Ms.Sowmyashree K M A, Dept. of Biochemistry funded by JSSAHER

23. Evaluation of high-risk HPV E7 seropositivity amongst abnormal Pap smear reported **women** as a early biomarker. PI: Ms.Prathima T C, Dept. of Biochemistry. Amt: 25000 funded by JSSAHER

24. Assessment of procalcitonin as a marker of bacterial blood stream infection in **Pediatric** population. PI: Bindu S, Dept. of Microbiology. Amt: 25,000 funded by JSSAHER

25. Development of hand held device for diagnosis of Tuberculosis in **rural areas** using Nano-pore technology. PI: Dr Sumana N, Dept. of Microbiology. Amt: 50,000 funded by JSSAHER

26. To Investigate Long-Term Impact Of Air Pollution On Airway Remodeling And Aging Of Lungs In Healthy **Urban Population** Of South India. PI: Dr.Chandrakanth HV, Dept. of Forensic Medicine. Amt: 50,000 funded by JSSAHER

27. Comparative study of cardiovascular changes using echocardiography and BNP among hypertensive and normotensive pregnant **women**. PI: Dr Soumya Patil, Dept. of OBG. Amt: 50,000 funded by JSSAHER

28. Prevalence and factors associated with scoliosis among school **children** in Mysuru District, Karnataka. PI: Dr.NimishaBhatu, Dept. of Community Medicine 25000 funded by JSSAHER

29. A Crossectional study on the relationship between dental fluorosis and fluoride level in water among school **children** in private schools of chamarajanagar district, Karnataka. PI: Ms.Midhunalye, Dept. of Community Medicine. Amt: 25000 funded by JSSAHER

30. 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. PI: Dr. Madhu.S, Dept. of Community Medicine. Amt: 5,50,000.00 funded by DST SATYAM

31. Study to evaluate effectiveness of BCG in reducing morbidity and mortality in **olderly** individuals in Covid-19 Hotspots in India. PI:Dr.Pratibha Pereira, Dept. of Geriatrics. Amt: 632950 funded by ICMR

32. Phase 3, Observer blind, Randomized, Active-Controlled Trial Evaluating the Immunologic Non-inferiority, Safety and Tolerability of a 15-valent pneumococcal Conjugate Vaccine Compared to a 13-valent Pneumococcal Conjugate Vaccine in Healthy Infants Given with Routine **Pediatric** Vaccinations. PI:Dr.DeepthiThandaveshwara, Dept. of Paediatrics. Amt: 22 lakhs funded by CBCC

33. A multicentre single arm non-comparative Phase-III study to evaluate the safety and tolerability of single intramuscular dose of Biological E's Vi-capsular Polysaccharide-CRM197 Conjugate Typhoid Vaccine in ≥ 6 months old **infants** to < 64 years **old adults**. PI: Dr M D Ravi, , Dept. of Pediatrics. Amt: 14,19,013 funded by Biological E Limited

34. A single blind randomised active-controlled Phase-III study to evaluate immunogenicity, safety, tolerability of a candidate 14-valent pneumococcal polysaccharide conjugate vaccine administered to 6-8 weeks old healthy Indian **Infants** in 6-10-14 weeks dosing schedule. PI: Dr M D Ravi, , Dept. of Pediatrics. Amt: 7,95,466 funded by Biological E Limited

35. Assessment of calcium and vitamin D levels in thalassemic **children** in a tertiary care unit. PI: Shika Aggarwal Guide: Dr.Ravi M D , Dept. of Pediatrics. Amt: 20000 funded by ICMR

36. Vitamin D & **CA Breast**. PI: Dr.MVSST Subbarao, Dept. of Biochemistry. Amt: 49,69,600.00 funded by DBT

37. Screening for **Sexually transmitted infections**. PI: Dr.Vidya B.C., Dept. of Microbiology. Amt: 23,00,000.00 funded by ICMR

38. **Inherited** metabolic disorders. PI: Dr.Akila Prashanth, Dept. of Biochemistry. Amt: 2,44,250.00 funded by ICMR

39. Registry for **Rare and other Inherited disorders** (NRROID). PI: Dr. Akila Prashant , Dept. of Biochemistry. Amt: 244000.00 funded by ICMR

40. Ambari-**Sickle cell disease**, Health system project. PI: Dr.Anil Bilimale, Dept. of Comm. Medicine. Amt: 28,00,000.00 funded by Novartis

41. **Social Stigma**, pain crisis and SCD. PI: Dr.Deepa Bhat, Dept. of Anatomy. Amt: 1,20,00,000.00 funded by Bodoland University, Assam

42. **Sickle cell Disease** Genotyping of DNA samples (THETA). PI: Dr.Deepa Bhat, Dept. of Anatomy. Amt: 4,17,200.00 funded by Institute of Public Health Bangalore.

43. Identification and estimation of potential biomarkers in serum(FOLATE and HOMOCYSTEINE) to Detect the severity of **Alzheimers Disease**: A case control study. PI: Dr.Vidya C S, Professor & Head of Anatomy , JSSMC Mysuru. Amt: 1,00,000.00 funded by JSSAHER.

44. Identifying the differentially expressed micro RNAs in healthy individuals and β -**thalassemia** patients. PI: Sumayakausr S Kalaigar, PhD Scholar, Biochemistry. Amt: 25,000.00 funded by JSSAHER.

45. Assessment of Procalcitonin as a marker of bacterial blood stream infections in **pediatric** population. PI: Ms.Bindu S, M.Sc., Student of Microbiology, JSSMC, Mysuru. Amt: 25,000.00 funded by JSSAHER.

46. Association of ESR2 gene polymorphism with pre-menstrual syndrome in **women** of Mysuru region. PI: Ms.Saabia Sakkeer, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru. Amt: 25,000.00 funded by JSSAHER.

47. A Crosssectional study on the relationship between dental fluorosis and fluoride level in water among school **children** in private schools of chamarajanagar district, Karnataka. PI: Ms.Midhunalye, MPH Student, JSSMC, Mysuru. Amt: 25,000.00 funded by JSSAHER.

48. Prevalence and factors associated with scoliosis among school **children** in Mysuru District, Karnataka. PI: Dr.Nimisha Bhatu, MPH Student, JSSMC, Mysuru. Amt: 25,000.00 funded by JSSAHER.

49. Menopause symptoms and perceived social support among **rural women** of Mysuru, Karnataka. PI: Dr.Divya K L & Dr.K.Nimithamohan, MPH Student, JSS School of Public Health , JSSMC, Mysuru. Amt: 25,000.00 funded by JSSAHER.

50. A quality Study on the teachers perspective of substance abuse among **school students**. PI: Ms.Rose Kurian , MPH Student, JSS School of Public Health , JSSMC, Mysuru. Amt: 25,000.00 funded by JSSAHER.

51. Comparative study of cardiovascular changes using echocardiography & BNP

among hypertensive & normotensive **pregnant women**. Dr.Soumya R Patil
Asst. Professor of OBG, JSS MC, Mysuru, OBG, Amt.:50,000.00 funded by JSSAHER

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52. Comparison of ophthalmic artery doppler velocimetry changes in patients with hypertensive disorders of pregnancy versus normotensive **pregnant women** in third trimester of pregnancy. Dr.Suma K B , Professor of OBG JSSMC & Hospital, Mysuru, Amt.:1,00,000.00 funded by JSSAHER
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53. Study on impact of pictorial drug labelling on medication compliance among **elderly**. Dr.Shilpa Avarebeel Asst Professor of Geriatrics, JSS MC, Mysuru. Amt.: 50,000.00 funded by JSSAHER
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Publications related to SDG 10

1. Sidharth Kumar Sethi., Rupesh Raina., Abhyuday Rana, Naveen Bajaj, Naveen Parkash Gupta, Jyoti Bagla, Dr Sushma K, Ananth Konapur, Divya Sharma, Timothy Bunchman, Sanjay Wazir. Validation of the STARZ neonatal acute kidney injury risk stratification score. *Pediatr Nephrol.* 2022 Aug;37(8):1923-1932.
2. Binesh Balachandran., Khalid Alhasan, Rupesh Raina, Jagdish Sahoo, Naveen Bajaj, Shishir Mirgunde, Sidharth Kumar Sethi, Dr Sushma K. Risk factors and outcomes of neonates with acute kidney injury needing peritoneal dialysis: Results from the prospective TINKER (The Indian PCRRT-ICONIC Neonatal Kidney Educational Registry) study. *Peritoneal Dialysis International.* 2022 Sep;42(5):460-469.
3. Pushkal Sinduvadi Ramesh, Avinash Shetty, Veena Shetty, Rahul Vyas, Ruthvik Satishchandra, Arun Brunda., Dr Suma K.B, Dr Suma M.N, Dr Devananda Devegowda. High-risk Human papillomavirus 16/18 in oral mucosa and cervix of sexually active women: A comparative pilot study using conventional nested PCR and an in-house real-time PCR. *Journal of Clinical Virology Plus.* 2022 Nove;2(4):100105.
4. Sherin Siby, Sandeep Padantaya Harish, Jerin Mathew, Kavitha Raja, Muhammed Rashid, Anoop Joy, Mr Arun Gopi. Decreased Postural Sway in Women Who Are Visually Impaired: Is it a Learned Protective Mechanism?. *Journal of Visual Impairment and Blindness.* 2022 Aug;116(4);
5. Bontha V Babu, Yogita Sharma, Shaily B Surti, Jatin Sarmah, Godi Sudhakar, Parikipandla Sridevi, Manoranjan Ranjit, Dr Deepa Bhat. Feasibility of population-based screening of sickle cell disease through the primary health care system in tribal areas of India. *Journal of Medical Screening.* 2022 Aug 28;9691413221123131.
6. Pengwei Lu, Olga A Sukocheva, Ruitai Fan, Kuo Chen, Narasimha M Beeraka, Dr Subba Rao M.V.S.S.T, Gjurmakch Aliev. Corrigendum to "Mitochondrial mutations and mitoepigenetics: Focus on regulation of oxidative stress-induced responses in breast cancers" [*Semin. Cancer Biol.* 83 (2022) 556-569]. *Seminars in Cancer Biology.* 2022 Nov;86(Pt 2):1222.
7. B C Sunil, Dr Praveen Kulkarni, N Renuka, Dr Narayana Murthy M.R. Relationship between *Aedes aegypti* indices with perception and practices of dengue in an urban community of Mysore. *Indian Journal Of Medical Specialities.* 2022 July;13(3):176-181.
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11 SUSTAINABLE CITIES AND COMMUNITIES



**Make cities
and human
settlements
inclusive, safe,
resilient and
sustainable**



“Our world is evolving without consideration, and the result is a loss of biodiversity, energy issues, congestion in cities. But geography, if used correctly, can be used to redesign sustainable and more livable cities. ”

-Jack Dangermond

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About the SDG

Cities are engines for sustainable development. It is where ideas, commerce, culture, science, and productivity thrives. Urban spaces offer opportunities for people to prosper economically and socially, but this is only possible in prosperous cities that can accommodate people in decent jobs and where land resources are not overwhelmed by growth. Unplanned urban sprawl, as cities spill beyond their formal boundaries, can be detrimental to national developmental planning and to the global goals for sustainable development. Our urban areas are also emitters of greenhouse gases and contribute to climate change. Half of the global urban population breathes air that is 2.5 times more polluted than standards deemed acceptable by the World Health Organization.

India is 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.

HEALTHY LIVING STANDARDS AND WELLBEING OF URBAN POPULATION:

For the Wellbeing of people at JSS Medical College, several outreach activities are conducted through JSS Urban Health Center located at Medhar Block, Bamboo Bazaar, Mysuru and other rural (Primary Health Centres at Suttur, Kadakola, Hadinaru) and urban field practice areas (Urban Primary Health Centre at Bannimantap, Mysuru) under the Department of Community Medicine, Chamarajanagar Hospital, Megha Health camp, Religious Funfairs, Mobile Health Camps at rural settings, Health camps under Public Private Partnerships and through National Service scheme.

Science expo-2022 organized 09-07-2022 by Mysuru Science Foundation

Braving intermittent drizzle all through the day, over 10,000 school and college students and other Science enthusiasts from across the State took part in the Science Expo-2022 organised by **Mysore Science Foundation** (MSF) as part of its Decennial celebrations at Sadvidya Semi-residential PU College in Vijayanagar Second Stage, Mysuru on 09/07/2022. Science expo featured a variety of workshops, demonstrations, Aryabhata Mobile Planetarium 3D show, Mobile Science Lab, Nature Photo Expo, **Human anatomy and specimens**, Demonstration on Food adulteration detection, Nutrition status assessment, Science and Maths Models display, Robotics Models, Solar goggles, expo by Research students, HAM radio and 3D printing etc.

Former ISRO Chairman A.S. Kiran Kumar inaugurated the expo by offering floral tributes to the portraits of top scientists and operating a remote-controlled drone.

Speaking on the occasion, Kiran Kumar said that a human being shows interest in learning about the articles, the environment and other living creatures around, right from childhood. MSF President C. Krishne Gowda, Treasurer M.G.N. Prasad, senior CFTRI Scientist Dr. T. Thippeswamy, ISRO Scientist C.D. Prasad, Sadvidya Educational Institutions Secretary M.S.K. Narahari Babu and others were present.

Gross human anatomy specimens (cardiovascular system, respiratory system, genitourinary tract, gastrointestinal tract) and **plastination specimens** from the Department of Anatomy, JSS Medical College, Mysuru were exhibited and explained to the students by NSS unit faculties and postgraduates. The programme was scheduled from 9:30am to 5:30pm.



NSS Health Camp on 26-07-2022 at Dattagalli, Mysuru

“SPOORTHY” ladies wing of the builders’ association of “**Builder’s Association of India**” (BIA) has conducted a health check-up camp at Dattagalli, Mysuru under the aegis of JSS Medical College, Academy of Higher Education and Research, NSS wing, Mysuru on the 26th of July 2022, held from morning 11 AM-4 PM.

The camp was conducted in the construction (apartment) site at Dattagalli, where the actual building construction work was in progress. The camp was headed by the NSS wing medical college, Mysuru, and conducted in coordination with the physicians from the department of community medicine, JSS medical college. The program was started with the initial remarks by the doctors, regarding basic awareness among the common people on the concepts of health, cleanliness, and security measures at the construction site. While addressing the female participants special remarks were passed on the importance of menstrual hygiene, and the nutrition, by the lady physician.

The health camp activity included general health checkups along with the distribution of free medicines for general complaints and minor health issues. For the major complaints, the necessary advice was given to approach the concerned physician/hospital. Along with the physical examination the blood pressure was measured in all the participants, and blood sugar levels were checked by using a glucometer. More than 70 construction workers including males, females, and children took benefit from the camp.

Dr. Saurish Hegde, Dr. Ravali, Dr. Sumanth Kaushik, Dr. Neha, and Dr. Niharika, were actively involved in patient checkups, treatment and health advice. The NSS wing officers Dr. M.V Ravishankar and Dr. Manu G coordinated the whole event.



Health checkup camps in July 2022 conducted by JSS Urban Health Center, Medar block

Free Health checkup camps were organized and conducted by JSS UHC in month of July 2022 in temples of Medar block. Ashada month is an auspicious period for local residents where many people visit temple of goddess every Friday. On this occasion a free health checkup camps were held in Mariamma and Chamundeshwari temple medar block on every Friday mornings. Visitors of temple were screened for hypertension, malnutrition, clinical illness through examining Blood pressure, height, weight, BMI, SPO₂, HR. Health education was also provided on Nutritious diet, physical activities and personal hygiene. A total of 79 visitors availed the benefits. Among these 4 were severely obese, 17 were moderately obese and 28 were overweight and 5 under nourished. Severe hypertension was seen in 17 people who were referred to JSS UHC and managed accordingly.



World Breastfeeding Week was observed from 01-07 Aug 2022 at Primary Health Center, Suttur.

On the occasion of “World Breastfeeding Week 2022”, Department of Community Medicine, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru had organized the Quiz Competition for Phase III Part I students on 1st August 2022 (Event 1), awareness programme on 4th August 2022 for pregnant and lactating mothers residing in Suttur (Event 2) and quiz competition for Diploma nursing students of JSS School of nursing, Mysuru on 11th August 2022 (Event 3). Health education programme was organized in Haleem nagar, Mysuru on 5th and 6th August 2022. Many pregnant and lactating mothers were benefited from the program.



Activities on occasion of “Azadi Ka Amruth Mahotsava” from 1st -6th Aug 2022

JSS academy of higher education and research, Mysuru had organized various literary and cultural competitions to commemorate “75th Anniversary of Independence Day Celebrations” under the slogan “Azadi Ka Amruth Mahotsava”. The students from various constituent colleges/universities/departments of JSS AHER were actively participated in the programmes held from 1st August 2022 to 6th August 2022. This programme was jointly organized by JSS medical college, and JSS college of pharmacy, Mysuru. Various activities like extempore, painting, singing, quiz and essay competition were organized. All the events were coordinated by NSS team of JSS medical college and JSS college of pharmacy, and student volunteers from various colleges.

Cancer Awareness programme held at Rajarajeshwarinagar, B block Bamboobazar on 16.08.2022

Health education programme was conducted in Rajarajeshwarinagar, B block Bamboobazar on 16th August 2022 where members of self-help group were provided information on common cancers like breast cancer and cervical cancer. A interactive session was organized on prevention of cancers by maintaining hygiene and preventing cervical infections. Importance of breast feeding in prevention of breast cancer and availability of vaccines for cervical cancers was also stressed upon. Information on nutrition, cervical cancer vaccination was also provided. A total of 34 women were benefitted from the programme.



Observation of National Nutrition week at JSS Urban Health Center on 09.09.2022 and 30.09.2022

The theme for the year 2022 was **“Celebrate a World of Flavours”**. Health education activity was conducted at the JSS Urban Health Centre, Medar Block, Bamboo Bazaar on 09.09.2022 to spread awareness regarding various aspects of nutrition. The participants included adolescents, adults and elderly residing in the urban field practice area of JSS Medical College. Nutritional awareness was given among participants regarding dietary requirements, balanced diet, diet for diabetic and hypertensive patients by Dr. Amoghashree, Senior Resident, Department of Community Medicine. Also, Health education activity was conducted at Manjunathapura on 30th September 2022. Awareness on healthy diet was given based on individual approach to 20 individuals.



Family Adoption Program for MBBS Phase I (21-22 batch)

As per the new CBME course curriculum guidelines, Family Adoption Program has been recommended as a part of curriculum of Community Medicine with a view to make healthcare more accessible and impart community based and community oriented learning. MBBS Phase I (21 – 22 batch) students have been allotted 2 families each in Bamboo Bazaar, Medar Block area, Mysore. During their visit to the families, the students have collected the sociodemographic details, details regarding the comorbidities among the family members and the vital events in the respective families adopted. These families would be further followed up at regular intervals in the 2nd and 3rd professional years to identify the health needs and demands, and suggest suitable remedial measures.



Health Camps as a part of Family Adoption Program: September 2022

Health Camps were organized on 09.09.2022 at Urban Health Centre, Medar Block, Bamboo Bazaar, 16.09.2022 at Haleemnagar and at Rajeshwari colony and 30.09.2022 at Manjunathapura. The camp was coordinated by Dr. Mythily M. R and Dr. Kavya G. Upadhyaya, Senior Residents, Department of Community Medicine and were supported by the staff of UHC. About 85 people from UHC, 92 peo-

ple from Haleemnagar 88 people from Rajeshwari nagar and 88 from Manjunathapura registered for the camp. Interns and Post-graduates of the Department of Community Medicine, JSSMC examined them and they were screened for Diabetes Mellitus, Hypertension and Anaemia. Medications were also dispensed for the beneficiaries.



Free Health camp for Differently abled students on 14th October 2022

Health camp was organized in NAB training institute for blind and deaf school on 14th October by UHC. Students were given health awareness on nutrition and hygiene. General health checkups were conducted including anthropometric examination (Height, weight, BMI, waist and hip circumferences), clinical examination (BP,HR,RR,SPO₂), Laboratory examinations (Blood grouping and Rh typing, Hb%, CBC,) and oral health screening. Camp was organized by UHC staffs- Health inspectors. A total of 23 students and 5 staffs were examined. Among whom 4 students were anemic, 10 were undernourished and 10 overweight. Students with minor illness were treated and those requiring further treatment were referred to higher centers.



Observation of World Food Day at Rajarajeshwari Nagar, Bamboobazar on 18.10.2022

On occasion of World Food day 2022, a health awareness programme and free health checkup camps were organized in Rajarajeshwari nagar, Bamboobazar on 18th October 2022. Programme was organized in Anganwadi in coordination with Sri Darmasthala Manjunatheshwara Sthree Sanga. Health education was given on anaemia and importance of low cost foods rich in iron were highlighted. Participants were given Deworming medication and iron supplements. Clinical examinations along with like anthropometric measurements (Height, Weight, BMI) and BP, HR, SPO₂ were done. Those with higher readings were referred to JSS UHC for further management. A total of 28 members were benefitted from the programme.

Observation of World Mental health Day on 18.10.2022 at JSS Urban Health Center.

On occasion of World Mental health day 2022, Psychiatric consultation clinic was started in Urban Health Centre on 18th October 2022. Dr Pradeep, from Psychiatry department inaugurated the specialty clinic and interacted with the patients on the mental health and common psychiatric problems like Depression, alcohol addiction. He addressed patients and UHC staffs about mental health, to diagnose the symptoms at earliest and to seek for treatment. Health workers were advised to bring alcohol addicts who are willing for withdrawal and their family members for consultation and counseling. A total of 5 patients having alcohol addiction, depression, and suicidal tendency were counseled during the moment. It was planned to continue psychiatric clinic also as de-addiction unit in future.

Awareness Programmes held on 27.12.2022 under National Service Scheme (NSS)

The NSS wing of JSS Medical College, Mysuru had organised two different programmes. One is about educating the slum population about **“Deaddiction awareness on Tobacco, Alcohol, Gutkha, etc”** held on 27th December 2022, The programs were organised with the support and cooperation from the faculty of department of Community Medicine, JSS Medical College, Mysuru. Forty one students from the various departments of the JSS medical College, Mysuru, were actively involved in the programme. They made a house to house visit and covered about 275 houses in that region. They displayed number of charts and images to sensitize and communicate with the different strata of people in that region. They also interacted about the prevention of HIV, managing the social stigma of AIDS, personal hygiene, etc.



Family Adoption Programme for MBBS Phase I (Batch 2022-23)

AIDS AND OTHER COMMUNICABLE DISEASE AWARENESS PROGRAMME HELD ON 31.12.2022

‘Education through Service’ is the sole purpose of the national service scheme. Based on this philosophy we are organizing several NSS programmes to reach the bottom billion unprivileged population by conducting diversified social activities. The NSS wing of JSS Medical College, Mysuru had organised the programme, about educating the slum population about **“Awareness on AIDS and other communicable diseases”** held on 31st December 2022. The programme took place under the jurisdiction of JSS Urban Health Centre, Medhar Block, Rajarajeshwari Nagar, Medhar Block, Bamboo bazar, Mysuru. The programme was organised with the support and cooperation from the faculty of department of Community Medicine, JSS Medical College, Mysuru. The NSS team was thoroughly guided by Dr Sunil D, (Professor and Head), and Dr Smitha (Assistant Professor) from the community medicine and the UHC health inspectors Mr. Sunil Y.S. and Santhosh H. of urban health centre.

Twenty students from the various departments of the JSS medical College, Mysuru, were actively involved in the programme. They have visited flats in 7 JNNURM apartments and other street residents coming under the Rajarajeshwari Nagar, Bamboo bazar, Mysuru. They made a house to house visit and covered about 125 houses in that region. They displayed number of charts and images to sensitize and communicate with the different strata of people in that region. Students and family members (residents) were mutually engaged in personal interactions and discussions. People showed keen interest by actively involving our NSS volunteers by engaging them in deep conversations about various topics including, prevention of HIV, approach for treatment, facilities, managing the social stigma of AIDS, personal hygiene, etc. The programme was coordinated by Dr. Ravishankar M V (NSS Programme Officer, JSS Medical College) and Dr. Manu G (Assistant NSS Programme Officer, JSS Medical College), who added to the success of the programme through their valuable inputs.



Awareness & Nutrition programme in Anganwadi on 5th February 2023 at JSS Urban Health Centre, Bamboo Bazaar, Mysuru.



To raise awareness about cancer and leprosy in light of World Cancer Day (4th February 2023) and world leprosy day (January 29th, 2023), an awareness programme was held on behalf of the Department of Community Medicine, JSS Urban Health Training Centre, Bamboo Bazaar, and PHC, Bannimantap on 5th Feb. 2023. The programme was conducted in Anganwadi, MCC colony, near the railway circle, Bannimantap. It was held as small group discussions. The head sister of PHC, Bannimantap, a medico-social worker and medical officer addressed the gathering.



The awareness was on the following topics:

1. Leprosy – Causes, clinical manifestations & importance of early diagnosis and treatment.
2. Cancer- Common types of cancer, Nutritional awareness for the prevention of cancer.

After the discussion, a short ten-minute video was played on the awareness and prevention of cancer in the Kannada language., then queries by the people were answered. This was followed by Health education on the importance of maternal and child nutrition and weaning was given. The “Seemantha” ceremony for pregnant women was also conducted on the same day.

Observation of World Tuberculosis Day on 23.03.2023 at JSS Urban Health Centre, Bamboo Bazaar, Mysuru.

World Tuberculosis Day was observed by Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru in association with the JSS Nursing College, Mysuru at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru on 23.03.2023.

Awareness rally from students of JSS Nursing College, Mysuru on the theme **“YES! WE CAN END TB!”** was done for the residents of Medar Block, Bamboo Bazar, Mysuru. Dr Mohammed Shiraz Ahamed, DTO, Department of Health and Family Welfare, Mysuru addressed the gathering about current scenario, Tb signs, symptoms, treatment regimen and also briefed about incentives given under Nikshay Poshan. Dr Praveen Kulkarni, Vice Principal (Para clinical), JSS Medical College, JSS AHER, created the awareness among audience and students about Tuberculosis.

Dr Mohammed Shiraz Ahamed for his tremendous work in the field of tuberculosis and other field staffs, Mr Santhosh H B, Health Inspector, JSS Urban Health Centre, Mr Sampath V, Senior Treatment Supervisor, DTC and Mr Umesh, TB Health Visitor, DTC, Mysuru were felicitated during the event for their invaluable contribution towards TB Cure. TB champions shared their journey From TB to TB free life.



Observation of International Women's Day on 08.03.2023 at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru

Internal Women's Day was observed on 08.03.2023 by Department of Community Medicine, JSS Medical College, Mysuru in association with the JSS Nursing College at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru

The Programme was flagged off by Dr Rama H V, Lady Medical Officer of JSS Urban Health Centre and Mr Ningaragu, Assistant Professor of JSS Nursing college for awareness rally from students of JSS Nursing College, Mysuru on the theme ***"DigitALL: Innovation and technology for gender equality"*** in Medar Block, Bamboo Bazar, Mysuru.

Chief guest Dr Sunil Kumar D, Professor and Head, Department of Community Medicine, highlighted the importance of Women's Day to the women of Jana Shikshana Sansthan. This was followed by felicitation of Mrs Akkamma, Physical Education Teacher of Government Higher Primary School of Medar Block, Mrs Gayathri, Beautician, Mrs Dhakshahini, Faculty of Jana Shikshana Sansthan, Mrs Nagamma, Vegetable Vendor, Medar Block, Bamboo Bazar, Mysuru. These successful women shared their views and motivated the audience.



5th Mega Health Camp held at Gundlupet on 09.04.2023

5th Mega Health Check-up Camp was conducted at JSS Degree College, Gundlupet on 09.04.2023. started at 10.00AM. Staffs & students of and team of JSS Hospital coordinated the camp. 48 Doctors from the 15 departments along with supporting staffs participated in the said camp. Total Patients who attended the camp were 377 & 93 patients were referred to JSS hospital, Mysuru. The patients and general public of Gundlupet and nearby areas who attended the camp expressed their happiness with regard to the camp benefits utilized from them.



General Health Camp conducted on 11.04.2023 at Mysuru at Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru

The General Health Camp was organized by JSS Hospital in association with *NJS Charitable Trust® Mysuru* at Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru on 11.04.2023. Total 285 patients were screened by Doctors from Dept of Medicine, Dept of Cardiology, Dept of Dermatology, and Dept of Geriatrics and a total 02 patients were referred to the Hospital. Total of 40 ECG & 190 CBG tests were done for the beneficiaries.



6th Mega Health Camp held at Gundlupet on 14.05.2023

6th Mega Health Check-up Camp was held at JSS Degree College on 14.05.2023. 46 Doctors from the 15 departments along with supporting staffs participated in the said camp, Total Patients who attended the camp were 258 & 75 patients were referred to JSS hospital , Mysuru .



Free Orthopedic camp was organized on 16.05.2023 at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru

The Department of Community Medicine, JSS Urban Health Centre, had organized free Orthopedic Camp on 16.05.23 at JSS Urban Health Centre. Dr. Mruthyunjaya, from Department of Orthopedics, JSS Hospital, spoke on importance of maintaining physical health, taking care of joints which would help in being active in leading a good quality of life. He demonstrated simple strengthening exercises related to Knee Joint. 54 patients attended the camp. Bone Mineral Density and Vit D3 estimation were done and necessary advice was given to 30 osteoporotic patients.



General Health Camp conducted on 06.05.2023 at Mysuru at Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru

General Health Camp Report was organized by JSS Hospital, Mysuru with NJS Charitable Trust® Mysuru at Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru on 16.05.2023. Total 281 patients were screened by Doctors from various departments and a total 02 patients were referred to the Hospital. Total of 40 ECG & 186 CBG tests were done for the camp beneficiaries.



World Health Day and World Hypertension Day was observed at JSS Urban Health Center, Bamboo Bazaar on 18.5.2023.

Department of Community Medicine, JSS Medical College, JSS AHER had organized a Free General Health Camp at JSS Urban Health Center, Bamboo Bazaar on 18.5.2023 on the occasion of World Health Day and World Hypertension Day.

Guest of Honour, Sri.S.R. Satish Chandra, Guests. Sri. Ravindra , Local Corporator, Sri Shanmugam and Sri. Murgesh Local Leaders, Dr. Sunil Kumar D, HOD , Department of Community Medicine, JSS UHC Coordinator Dr. Amoghashree, Dr. H.V. Rama, Lady Medical Officer JSS Urban Health Center Inaugurated the camp by watering the plant.

Dr. Ajay Hanumanthu, Endocrinologist JSS Medical & Hospital gave a talk on Diabetic Management to camp beneficiaries. Sri. Lingaraju , Asst Professor, JSS nursing, Sri kannan, Yoga Teacher & Smt Y. Bharathi Public Health nurse, JSS Urban Health Center were felicitated on the occasion.

Around 100 people were tested in the camp.



Observation of World no tobacco day at JSS High School, Mysuru on 31.05.2023

On the occasion of World No Tobacco Day, Department of Community Medicine, JSS Medical College , JSSAHER,Mysuru organized essay and drawing competition for the students of JSS High school, SS Nagara Mysuru with the theme “We Need Food, Not Tobacco”. Dr Thippeswamy H M, Reader, Public Health Dentistry, JSS Dental College Mysuru spoke about ill effects of Tobacco uses and motivated the students to pledge to *Say No to Tobacco* Prizes and Certificates was distributed during the event for the winners of drawing and essay competition which was held for the students on the theme We need Food, Not Tobacco.



Observation of World No Tobacco Day at JSS Urban Health Center, Bamboo Bazar on 31.05.2023

On the occasion of World No Tobacco Day, Department of Community Medicine, JSS Medical Col-

lege, JSSAHER, Mysuru organized rally and awareness session at JSS Urban Health Centre, Bamboo Bazar with the theme “WE NEED FOOD, NOT TOBACCO” on 31st May, 2023. A rally of government high school students, bamboo bazaar, was flagged off by local leader, Sri Shanmugam, Corporator, Yadavahiri, Sri Ravindra , Dr H.V.Rama Medical Officer, JSS UHC, and Smt Pushapavathi, Head Mistress, Government High school.

Dr Pradeep, Assistant Professor, Department of Psychiatry, spoke on the theme and about the ill effects of tobacco, support service from JSS institution for de-addiction. The awareness program was held at Yashwanthnagar slum, for local slum dwellers . 30 members addended the session. Sri Sampath, Senior Treatment Supervisor, District Tuberculosis Centre, spoke about Tuberculosis management and prevention.



Observation of World Environment Day at JSS Urban Health Center on 05.06.2023.

Department of Community Medicine, JSS Urban Health Center, JSS Medical College, JSS AHER organized Programme at Govt High School, Bamboo Bazaar in connection with Observation of World Environment Day on 05.06.2023. Dr. H.V Rama LMO , JSS UHC, & Head Mistress Govt High School Smt Pushpavathi inaugurated by planting a sapling at High School Premises. The students and staff took Oath for Protecting The Environment. Dr.H.V Rama , spoke on the Theme “Beat Plastic Pollution,” Hazards of Plastic Usage, Ways of Prevention, Segregation, Reuse & Recycle of waste Products etc. 65 Children actively Participated in The Program.



7th Mega Health Camp held at Gundlupet on 11.06.2023

7th Mega Health Camp was held at JSS Degree College, Gundlupet on 11.06.2023. 48 Doctors from the 14 departments along with supporting staffs participated in the said camp, Total Patients who attended the camp were 311 & 66 patients were referred to JSS hospital , Mysuru



Observation of World Day Against Child Labour on 12.06.2023 at Government High School, Medar Block, Bamboo Bazar Mysuru.

On 12.06.2023 World Day Against Child Labour was observed at Government High School of Medar Block, Bamboo Bazaar. Dr. H.V Rama , LMO, JSS UHC spoke on the negative effects of child Labour and highlighted on basic education and life skills to every child to become a good citizen. Awareness was given on the laws to prevent child Labour along with that child helpline number- 1098 was conveyed to the children. 59 High school children got benefitted from the lecture.



Distribution of Protein Powder to the TB patients at JSS Urban Health Center on 15.06.2023

Protein powder sponsored by Rotary Club Panchasheel and Inner Wheel Club of Mysuru Central was distributed to 7 active TB Cases at JSS UHC on 15.06.2023. This Programme was a part of Public private partnership as Nikshay Mitra, a complementary act by NGO's To Govt TB Control Programme. The need for Nutritional Supplements to active TB cases for improving health and fast recovery was explained by Dr Rama H V, LMO.



G20 Jan Bhagidari" programme was held at JSS Urban Health Center on 13.06.2023:

JSS Jan Shikshan Sansthan, Mysore, Karnataka has conducted "Yoga Competition" under "G20 Jan Bhagidari" programme at JSS Urban Health Centre for the residents of Medara Block, Mysore on 13.06.2023. 32 Beneficiaries has participated in this programme.



General Health Camp conducted on 13.06.2023 at Mysuru at Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru

General Health Camp was organized by JSS Hospital Mysuru with NJS Charitable Trust® Mysuru at Kanti Mallana Kalyana Mantapa, Kabir Road, Mysuru on 13.06.2023. Total 320 patients were screened by Doctors from Dept of Medicine, Dept of Cardiology, Dept of Dermatology, and Dept of Geriatrics and a total 02 patients were referred to the Hospital. Total of 38 ECG & 215 CBG tests were done.



Poshan Abhiyan Programme held at Anganwadi, Bamboo Bazar, Mysuru on 17.06.2023

Under the Programme, Mothers Meeting was held at Anganawadi on 17/06/2023. Dr Rama H V, LMO of JSS UHC spoke on importance of balanced diet and issues related to nutritional deficiency. Around 10 mothers actively participated in the interactive session.



Observation of International Day of Yoga at Government High School, Medar Bolck, Bamboo Bazaar on 21/06/2023.

Dr Sowmya Assistant Professor, JSS Ayurveda College, Spoke on the theme 'VASUDIVA KUTUMBAM'. she explained about 8 aspects of yoga & benefits for overall Health. Dr H.V Rama Lady Medical Officer, JSS Urban Health Center, urged Students to follow the Principles to get benefitted by yoga. Sri Kannan, Yoga Teacher gave demonstration & taught yogasana exercises. Smt Pushpavathi HM, Teachers of Government High school, staff of JSS Urban Health Center attended. 98 students actively participated in the event.



ORAL HEALTH AWARENESS AND ORAL SCREENING CAMP at Government Higher Primary School, Medar Block on 26-27 June 2023

A 2 days Oral health education and oral screening camp was organized at Government Higher Primary School, Medar Block, Mysuru on 26th&27th June 2023 from JSS Urban Health Centre. The purpose of the camp was to spread awareness about oral health and its importance, to educate the students about the brushing techniques and to motivate them to follow good oral hygiene practices along with maintaining a healthy diet. Students between the age of 6 to 9 were screened. A total of 70 students participated in the screening camp, among them 46 students were found to have dental problems. Referral codes were provided to all the 46 students with dental issues and referred to avail treatment at JSS Dental College and Hospital.

BIOMEDICAL WASTE MANAGEMENT AT JSS HOSPITAL

A process is developed by the hospital for safe handling and disposal of infectious and hazardous materials.

Purpose

- To minimize the health and equipment hazard in any related process
- To provide a safe and healthy environment for staff, patients and visitors

Scope

The procedure for collection, segregation, treatment, and disposal of biomedical waste generated during routine work in wards, OPDs, OTs, laboratories, and other places where biomedical waste is generated.

Responsibility

Safety Committee, Quality Assurance Team, Bio-Medical Waste Management Department, Laboratory, Clinical and Non-clinical staff. Document of BMW management approval from state Pollution control available with the management

Biomedical Waste Management

The SOP has been based on the policy direction issued in the Gazette of India notification of the 2018 Environment Protection Act guidelines. All wards and departments will follow the undermentioned instructions meticulously. Heads of departments and hierarchy of wards will be legally and morally responsible for the effective functioning of the health care waste management system at JSS Hospital. HIC members during rounds ensure appropriate disposal of BMW. If any deviation from the protocol is noticed, photographs are clicked and discussed with the concerned personnel to take necessary corrective measures.

Table: Colour Coding And Type Of Container For Disposal Of Bio-Medical Wastes-2018

Colour Coding	Type Of Container	Type of waste	Treatment options
Yellow	Plastic Bag	(a) Human Anatomical Waste: Human tissues, organs, body parts, and fetus below the viability period (as per the Medical Termination of Pregnancy Act 1971, amended from time to time) (b) Animal Anatomical Waste : Experimental animal carcasses, body parts, organs, tissues, including the waste generated from animals used in experiments or testing in veterinary hospitals or colleges or animal Houses. (c) Soiled Waste: Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs (d) Expired or Discarded Medicines: Pharmaceutical waste like antibiotics, cytotoxic drugs including all items contaminated with cytotoxic drugs along with glass ampoules, vials etc (e) Discarded linen, mattresses, beddings Contaminated with blood or body fluid.	Incineration

Red	Red colored nonchlorinated plastic bags or containers	Contaminated Waste (Recyclable) (a) Wastes generated from disposable items such as tubing, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles and fixed needle syringes) and vacutainers with their needles cut) and gloves. Microbiology cultures in plastic containers, Vacutainers with blood samples.	Autoclave & Shredding Autoclaving or micro-waving followed by shredding or mutilation or a combination of sterilization and shredding. Treated waste to be sent to registered or authorized recyclers or for energy recovery or plastics to diesel or fuel oil or for road making, whichever is possible
White	Puncture proof, Leak proof, tamper proof containers	Waste sharps including Metals: Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause punctures and cuts. This includes both used, discarded and contaminated	Autoclaving or Dry Heat Sterilization followed by shredding or mutilation or encapsulation in a metal container or cement concrete; the combination of shredding cum autoclaving, and sent for final disposal to iron foundries (having consent to operate from the State Pollution Control Boards or Pollution Control Committees) or sanitary landfill or designated concrete waste sharp pit.
Blue	Cardboard box with blue marking /covers	Cardboard box with blue marking / covers	Disinfection (by soaking the washed glass waste after cleaning with detergent and Sodium Hypochlorite treatment) or through autoclaving or microwaving and then sent for recycling

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.

Table: Biomedical Waste Status from August 2022 to July 2023

Month	Yellow bags in kg/ month	Red in kg/ month	White in kg/ month	Blue in kg/ month
August 2022	4282	2909	321	899
September 2022	3990	2847	278	1171
October 2022	3754	2645	205	804

November 2022	4002	2458	274	1041
December 2022	3594	2749	236	824
January 2023	3436	2529	140	701
February 2023	3019	2360	161	799
March 2023	3426	2937	223	1219
April 2023	3695	2581	302	1162
May 2023	3772	2432	253	1220
June 2023	3609	2444	331	1114
July 2023	3853	2422	227	810

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 immediately informed to all the concerned staff. Pop-up messages on HIS are flashed to enforce the new changes into action.

Research Projects: JSS AHER Funded Projects - Ongoing

Sl No	Title of the project	Principal Investigator	Collaborating Depts	Amount sanctioned	Duration
1	Aedes aegypti adult-larval indices and the risk of dengue transmission in selected wards of Mysuru city, Karnataka	Mr.Shantanu Shrivastava, MPH Student, JSSMC, Mysuru	Community Medicine	25,000.00	1 year
2	A Crossectional study on the relationship between dental fluorosis and fluoride level in water among school children in private schools of chamarajanagar district, Karnataka	Ms.Midhuna lype, MPH Student, JSSMC, Mysuru	Community Medicine	25,000.00	1 year
3	Non-auditory effects of noise pollution on traffic police personnel of Mysore city	Mr.Onkar Yadav N MPH Student, JSS School of Public Health JSSMC, Mysuru	School of Public Health	25,000.00	1 year
4	A quality Study on the teachers perspective of substance abuse among school students	Ms.Rose Kurian MPH Student, JSS School of Public Health JSSMC, Mysuru.	School of Public Health	25,000.00	1 year
5.	Association of air pollution and non-communicable disease among traders community working around polluted roads in Mysuru: An analytical cross-sectional study	Ms.Chandana H N MPH Student,JSS School of Public Health JSS Medical College Mysuru	School of Public Health	25,000.00	1 year

Publications

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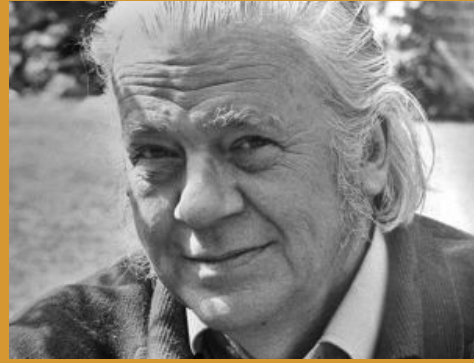
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12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



**Ensure
sustainable
consumption
and production
patterns**



**“Infinite growth of
material consumption
in a finite world is an
impossibility”
-E F Schumacher**

Contributors



Dr Mythily M R
Senior Resident
Dept. of Comm Medicine



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Assistant Professor
Dept. of Pharmacology

ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

BEFORE COVID-19

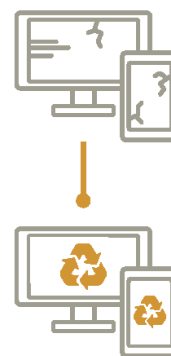
THE WORLD CONTINUES TO USE NATURAL RESOURCES **UNSUSTAINABLY**



GLOBAL MATERIAL FOOTPRINT
73.2 BILLION TONS



GLOBAL MATERIAL FOOTPRINT
85.9 BILLION TONS



ELECTRONIC WASTE GREW BY **38%**

BUT LESS THAN **20% IS RECYCLED**
(2010-2019)

COVID-19 IMPLICATIONS

THE PANDEMIC OFFERS AN OPPORTUNITY TO **DEVELOP RECOVERY PLANS** THAT BUILD A MORE SUSTAINABLE FUTURE



FROM 2017 TO 2019, 79 COUNTRIES AND THE EUROPEAN UNION REPORTED AT LEAST ONE POLICY TO PROMOTE SUSTAINABLE CONSUMPTION AND PRODUCTION



RISING FOSSIL FUEL SUBSIDIES ARE CONTRIBUTING TO THE CLIMATE CRISIS

\$318 BILLION
(2015)

\$427 BILLION
(2018)



HARVESTING



TRANSPORT



STORAGE



PROCESSING

13.8%

OF FOOD IS LOST IN SUPPLY CHAINS (2016)

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
- Electric Vehicle
- 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 immaterialising 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 JSS Academy 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 be the 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



































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 dual 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.

Recycle

- Green wastes shall be composted and reused as composts manure.
- All the waste bins to be replaced with dual 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 and promotes eco-friendly cultivation practices by organizing medicinal plants exhibition.



Kitchen garden in the hostel campus





Testimonial from the Hostel Worker

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 enormous support from the administration for our work. We feel happy and contented when we harvest vegetables and cook food from it and serve to students.

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 enormous 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.



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.

PURPOSE

- To minimize the health and equipment hazard in any related process
- To provide a safe and healthy environment for staff, patient and visitors

SCOPE

- The procedure for collection, segregation, treatment and disposal of biomedical waste generated during routine work in wards, OPDs, OT's, laboratories and other places where biomedical waste is generated.

RESPONSIBILITY

- Safety Committee, Quality Assurance Team, Bio Medical Waste Management Department, Laboratory, Clinical and Nonclinical staff.
- Document of BMW management approval from state Pollution control available with management

BIOMEDICAL WASTE MANAGEMENT

- Biomedical Waste management HIC-8b
- The SOP has been based on the policy direction issued in Gazette of India notification of 2018 Environment Protection Act guidelines
- All wards and departments will follow the under mentioned instructions meticulously
- Heads of departments and hierarchy of wards will be legally and morally responsible for effective functioning of health care waste management system at JSS Hospital.
- HIC members during rounds ensure appropriate disposal of BMW. If any deviation from the protocol is noticed, photographs are clicked and discussed with the concerned personnel to take necessary corrective measures.

Segregation, containment and packing of hospital waste in wards and departments HIC-8c. The waste should be segregated at source, all health care personnel – doctors, nurses, interns medical and nursing and paramedical students, lab personnel, helper staff, patients, attendants of patients are responsible for this. Clinical and nursing staff apart from meticulous exertion needs to oversee proper operation.

Waste collection is done in each ward / department in colour coded labelled bins of capacity 20 to 35 litres of each category and placed at the points of generation in respective wards/departments at 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 the 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 colour coded rooms situated in the back yard of the hospital. The waste is transported to Shree consultancy in closed vans within stipulated time limits in a secure manner.

HIC-8d:

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 to the concerned department.
3. We have charts displayed at strategic points in all patient care areas depicting our Bio-medical waste management policy.
4. We have frequent workshops and training programs to promote awareness of our Bio-medical waste management policy.

HIC-9a:

HIC-9a: The management provides manpower, money and materials to carry out Infection control programmes. Regularly classes are conducted by ICNs and members of HIC committee to all the staff of the Hospital. Induction programme for newcomers includes sessions on HIC

HIC-9b: BUDGET: The organization earmarks an annual budget for Infection control programme. Based on the scope of HIC activities and the previous years' experience, this budget is allocated.

HIC-9c & d: TRAINING: Organization provides induction training and In-service training sessions for all staff in regular sessions.

For doctors, medical education unit conducts induction programme with HIC as one of the topics.

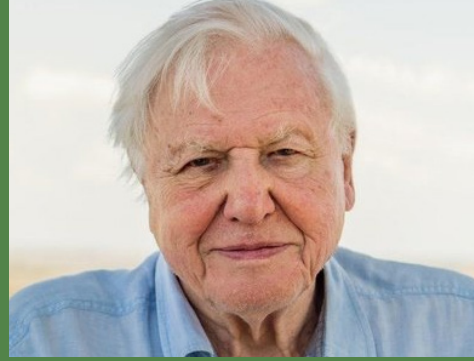
For nurses and other para medical staff, training is conducted by ICNs and HIC members.

All the policies and protocols defined and approved by the HIC committee is being taught repeatedly and any change in the protocol also is immediately informed to all the concerned staff. Pop up messages on HIS are flashed to enforce the new changes into action.

13 CLIMATE ACTION



**Take urgent
action to
combat climate
change and its
impacts**



**“Right now, we are
facing a man-made
disaster of global scale.
Our greatest threat in
thousands of years
Climate change”**

-David Attenborough

Contributors



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Associate Professor
Dept of Pharmacology



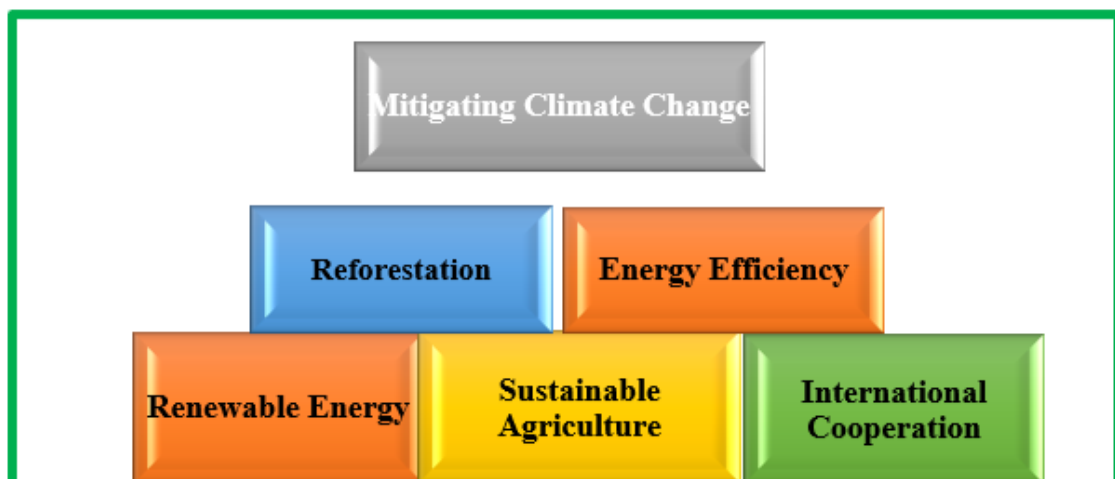
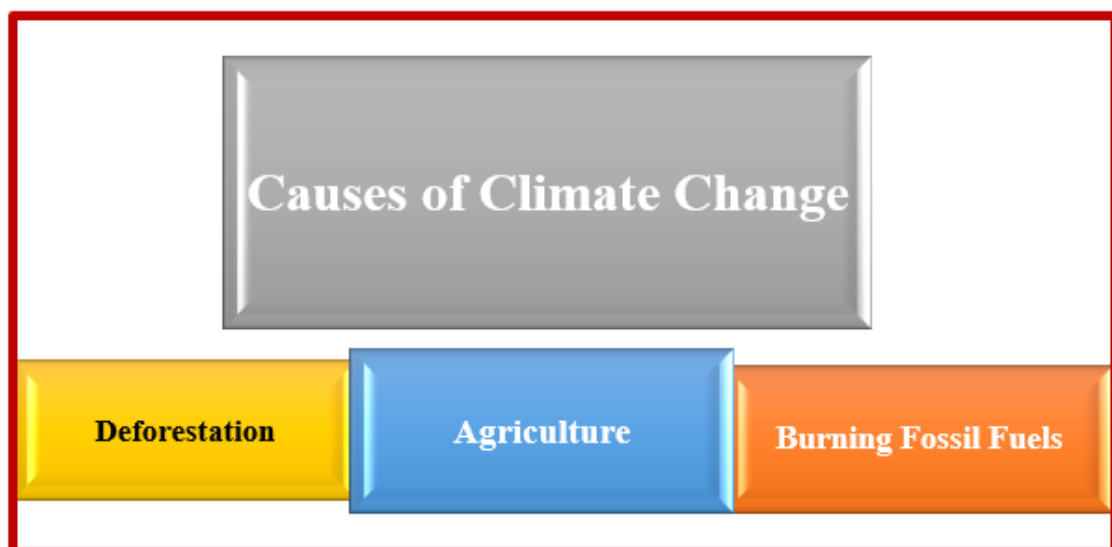
Dr Venu D
Senior Resident
Dept of Pharmacology

Climate Change: A Looming Global Crisis

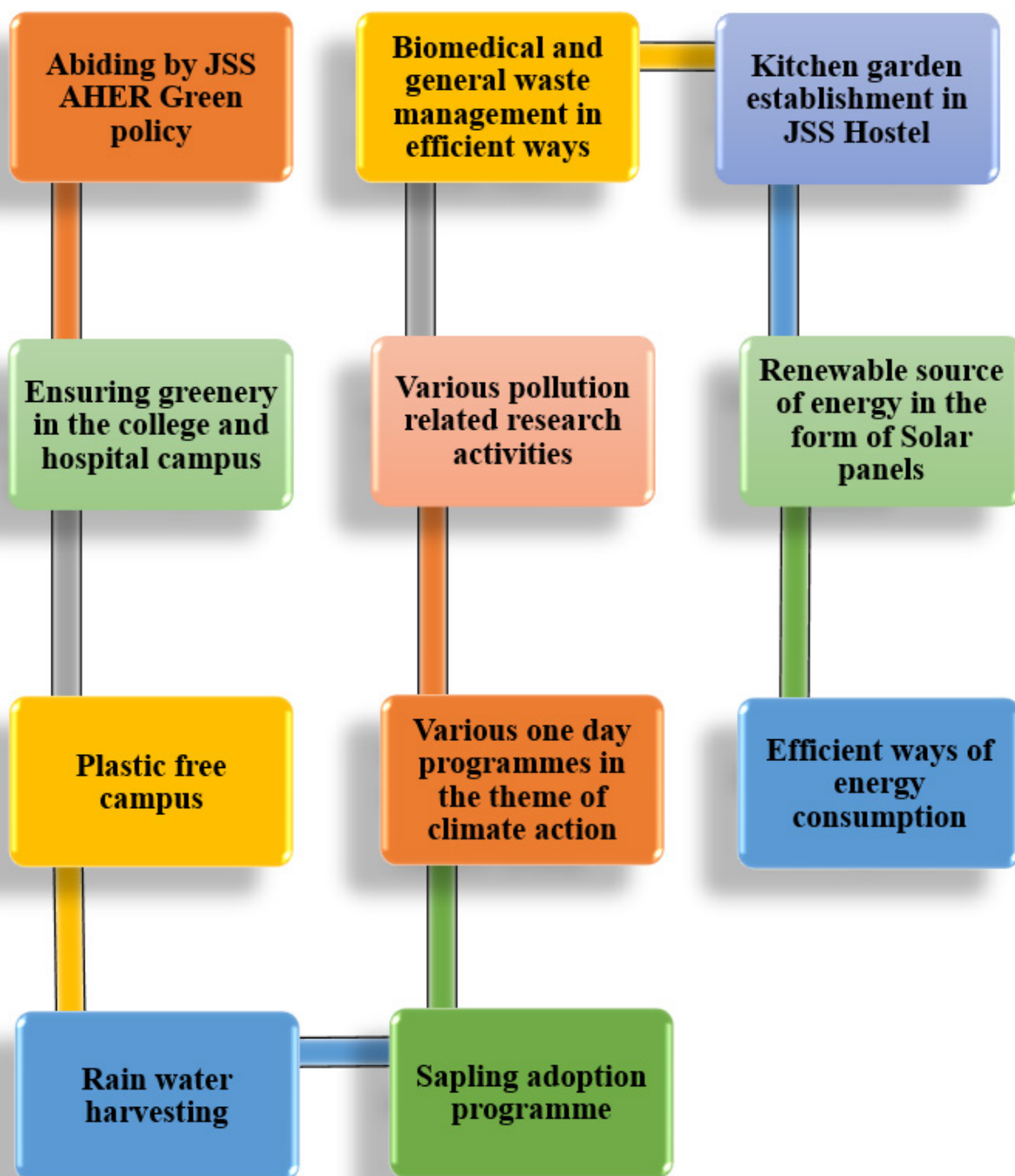
Climate change refers to the long-term alteration of Earth's climate patterns due to human activities and natural processes. It is one of the most pressing challenges facing humanity and the planet. The primary driver of climate change in recent times is the increased concentration of greenhouse gases (GHGs) in the atmosphere, primarily carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). These gases trap heat from the sun, causing the Earth's temperature to rise, leading to a cascade of far-reaching environmental and societal impacts.

As global temperatures climb, widespread shifts in weather systems occur, making events like droughts, hurricanes, and floods more intense and unpredictable. Extreme weather events that may have hit just once in our grandparents' lifetimes are becoming more common in ours. However, not every place will experience the same effects: Climate change may cause severe drought in one region while making floods more likely in another.

The Goal is aimed at integrating climate change measures, disaster risk measures and sustainable natural resource management into national development strategies. Efforts at the national level for adopting green technologies, promoting the use of clean and modern source of energy, advocating for behavioural change for sustainable use of resources, must be complemented by international cooperation on climate change since the causes and effects of climate change transcend national boundaries.



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 of waste 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.





PLASTIC FREE CAMPUS



SUSTAINABLE AGRICULTURE (Kitchen Garden in the hostel campus)



RENEWABLE SOURCE OF ENERGY



ENERGY EFFICIENCY

- 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 fuels.



SAPLING PLANTS AND ITS ADOPTION IN COMMEMORATION OF CELEBRATION OF 107TH JAYANTHI MAHOTSAVA OF HIS HOLINESS JAGADGURU DR. SRI SHIVARATHREE RAJENDRA MAHASWAMIJI



JSS AHER had taken an initiative for planting saplings and adoption of 107 plants across JSS AHER campuses in commemoration of Celebration of 107th Jayanthi Mahotsav of His Holiness Jagadguru Dr. Sri Shivaratri Rajendra Mahaswamiji on 07.09.2022 the founder father of JSS Mahavidyapeetha – a parent organisation of JSSAHER. Dr. B Manjunatha, Registrar, JSS AHER welcomed the gathering. Dr. C G Betsurmatah, Executive Secretary Presided and Dr. B Suresh, Pro-Chancellor, JSS AHER & Dr. Surinder Singh, Vice Chancellor, JSS AHER were the Guests of Honor. Dr. C Naganna, the Chief Guest inaugurated the programme by watering the plant and the same has been planted in the JSS AHER Campus. In this connection volunteers were welcomed to plant saplings and adopt them for a period of three years. Volunteers registered through online form in the JSSAHER Website: www.jssuni.edu. in and planted the 107 saplings of 15 varieties across its campuses. Dr. C Naganna summarized the life of His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji with real life examples. He mentioned that His Holiness Mahaswamiji served society for wellbeing of the humanity selflessly. 5 distinguished alumni of JSS Medical College, JSS Dental College & Hospital and JSS College of Pharmacy of JSS AHER who have extended their dedicated and exemplary services to the society were felicitated in the programme.

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.

Good quality compost production in ambient temperature can be accomplished in shorter time by the process of vermicomposting that involves use of proper species of earthworms. The native cellulase activity of earthworms and microorganisms in earthworm gut promote faster decomposition of ingested organic material. The combined effect of enzymatic activity and grinding of organic materials to fineness by earthworms produces the vermicomposting and this is not observed in compost pits without earthworm.



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.

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.

III. Sanitary napkin disposal



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.

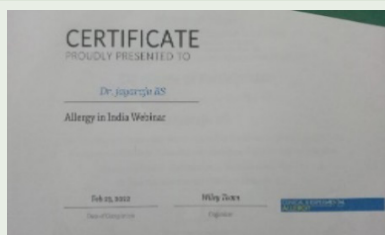
In view of creating a greater number of oxygen beds due to the high demand, the management has decided to increase LMO tank capacity, accordingly we have installed additional 13KL capacity of LMO plant along with the existing 13KL capacity tank at our hospital on 29-11-2021.



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.

GUEST LECTURES ATTENDED

Name of the faculty	Title of the presentation	Venue	
Dr. Sujatha S R	Bio-medical waste management	JSS Nursing college	
Dr. Sahana K R	Webinar on current evidence of health hazards of lead	Sri Devaraj Urs Medical College, Kolar	
Dr Narayana Murthy M R	Gender issues in water management in developing countries and sustainable development	Webinar	

Dr. Jayaraju B S	Allergy In India Webinar	Webinar	
Dr. Mahesh P A	45th workshop on Respiratory Allergy, Diagnosis and Management	Webinar	
Dr. Chetak KB	Division of Pediatric Emergency, critical care, pulmonology & Allergic Disorders	Sri Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060	
Dr. Thanzeemunisa, Senior Resident	Selected for Diploma in Allergy and Asthma Course from CMC Vellore from Jan 2022 to for 1 year	Webinar	

GUEST LECTURES DELIVERED BY FACULTY MEMBERS

Name of the faculty	Title of the presentation	Date & Year	Venue	
Dr. Ashok. P	Guest Lecture: Topic: Our Planet our health		JSS College of Nursing	
Dr Smitha M C	Impact of Globalization and Introduction to Global Health	31st December 2022	SVYM, Mysuru	
Dr Smitha M C	Our Planet our Health	28th April 2022	JSS Ayurveda college Mysuru	

COLLABORATIONS

Collaboration with Institution name	Area	Objectives
IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter
Indian Institute of Technology-Bombay (IIT-B), Mumbai (MOA)	Air pollution and lung function	Lung function in children and effects of long-term exposure to traffic induced pollution

ONGOING EXTERNAL FUNDED PROJECTS

PI Department	Collaborative Departments	Area of Research	Funds in Rupees
Biochemistry Dr. Rajesh Kumar T.	College of Pharmacy	Air pollution and lung growth	3,50,00,000.00
Respiratory Medicine Dr. P.A. Mahesh	Biochemistry	Air pollution	9,98,44,800.00
Biochemistry Dr. Devanand	Paediatrics JSS Dental College	Bone mineral density in children and RO water consumption	20,41,000.00
Community Medicine Dr Nayanabai Shabadi	Biochemistry	Chemical hazards among agriculture workers	36,96,817.00
Respiratory Medicine Dr. B. S. Jayaraj	--	Asthma & Air pollution	26,18,682.00
Dr. Mahesh P A	--	"Adverse effect of outdoor and indoor air pollution on respiratory and vascular function among adolescents".	15,00,000.00
Biochemistry Dr. Rajesh Kumar T.	College of Pharmacy	Air pollution and lung growth	3,50,00,000.00
Respiratory Medicine Dr. B. S. Jayaraj	--	Asthma & Air pollution	26,18,682.00

JSS AHER FUNDED PROJECTS – ONGOING

Title of the Project	Name of the Principal Investigator	Department	Date of sanction	Amount of Sanctioned	Duration
Non-auditory effects of noise pollution on traffic police personnel of Mysore city	Mr. Onkar Yadav N MPH Student, JSS School of Public Health JSSMC, Mysuru	School of Public Health	06.03.2023	25,000.00	1 year

WORLD ENVIRONMENT DAY – 05-06-2023



WORLD ENVIRONMENTAL DAY

In this regard to mark the activity, NSS unit JSS Medical College, Mysuru, conducted the sapling implantation program in the medical college campus garden. Faculty and NSS student volunteers actively participated and witnessed the event. Dr. Basavanagowdappa 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 HAND HYGIENE DAY – 05-05-2023

World Hand Hygiene Day program was organized by the Hospital Infection Control team, on May 5th, 2023. With the blessings of His Holiness, the program was inaugurated by Dr. H. Basavana Gowdappa, Principal, JSS Medical College; Dr. Madhu C.P., Medical Superintendent, JSS Hospital; Dr. Narayanappa D, HIC Chairperson; Dr. Rashmi P Mahale, HIC Secretary; Dr. Sumana M.N



15

LIFE ON LAND



**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 earth is what we all
have in common”
-Wendell Berry**

Contributors



Dr Sujatha S R
Assistant Professor
Dept of Microbiology



Dr Ranjitha S Gowda
Assistant Professor
Dept of Microbiology

About the SDG

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 clinico-pathology 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, the centre 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

Animal House in campus



Biochemistry lab



PPE changing rooms



Air shower entry



Rodent room



Clean corridor

Cages autoclave



IVC cage



Stereotaxic apparatus



Plants in the campus







Related Projects funded by JSS AHER

1. A comprehensive approach to explore the anti diabetic potential of bioactive peptides from colostrum- Principal Investigator: Dr A.M. Satish
2. A study on antidiabetic and probiotic potential of Lactobacillus isolates from food sources- Principal Investigator: Dr Kalabharathi.H.L
3. Studies on cow colostrum bioactive peptides as a modulator of peroxisome proliferator-activated receptor- γ (PPAR- γ) targeting obesity and metabolic disorders- Principal Investigator: Dr Manu G
4. Development of antidiabetic bioactive peptides from cow colostrum- Principal Investigator: Dr. Nagma Firdose
5. Characterization of NRF2 modulating anticancer agents from Anacyclus pyrethrum root- Principal Investigator: Dr. Jayanthi M.K
6. Screening of anticancer activity of Ayurvedic formulations on breast cancer cell lines- Principal Investigator: Dr. Pushpa.V.H
7. Preclinical evaluation of the therapeutic potential of olfaction for treating dementia- Co-Principal Investigator: Dr. M.V.S.S.T. SubbaRao
8. 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)- Principal Investigator- Dr. Divya P. Kumar
9. Targeting Key Signaling Cascades Using D-Formin (A Combination of Vitamin-D and Metformin) For Inhibiting Carcinomas Of Breast In Vitro And In Vivo- Principal Investigator- Dr. M.V.S.S.T. SubbaRao
10. The role of RNA-induced silencing complex in the development and progression of Nonalcoholic Steatohepatitis and Hepatocellular Carcinoma: The molecular intervention using natural compounds- Principal Investigator -Dr. Prasanna Kumar S.
11. Therapeutic Targeting of AATF in Nonalcoholic Steatohepatitis (NASH)- Principal Investigator- Dr. Divya P Kumar

Related Publications

1. Ray B, Mahalakshmi AM, Bhaskaran M, Tuladhar S, Tousif AH, Essa MM, Song BJ, Chidambaram SB. Mitochondria-Targeted Liposomal Delivery in Parkinson's Disease. In Biomedical Applications and Toxicity of Nanomaterials 2023 May 9 (pp. 657-669). Singapore: Springer Nature Singapore.
2. Niloy N, Hediya TA, Vichitra C, Sonali S, Chidambaram SB, Gorantla VR, Mahalakshmi AM. Effect of cannabis on memory consolidation, learning and retrieval and its current legal status in India: A review. Biomolecules. 2023 Jan 12;13(1):162.
3. Bhat A, Bishir M, Pandi-Perumal SR, Chang SL, Chidambaram SB. Roflumilast, a Phosphodiesterase-4 Inhibitor, Ameliorates Sleep Deprivation-Induced Cognitive Dysfunction in C57BL/6J Mice. ACS Chemical Neuroscience. 2022 Jun 23;13(13):1938-47.
4. V H P, Kuruburu MG, M K J, N AS, Taha Babakr A, Sreenivasan R, Ramu R, Madhunapantula SV. Bioactive profiling and evaluation of anti-proliferative and anti-cancerous properties of Shiva-gutika, an Indian polyherbal formulation synchronizing *in vitro* and *in silico* approaches. Front Chem. 2023 May 17;11:1195209.
5. V H P, M K J, H R R, Shivamurthy VKN, Patil SM, Shirahatti PS, Ramu R. New insights on the phy-

tochemical intervention for the treatment of neuropsychiatric disorders using the leaves of *Michelia champaca*: an *in vivo* and *in silico* approach. Pharm Biol. 2022 Dec;60(1):1656-1668. doi: 10.1080/13880209.2022.2101669. PMID: 36052952; PMCID: PMC9448401.

6. NirmalaG,SannappaGowda,VarshaD,Shiragannavar,LakshanaD,Puttahanumantharayappa,Ashwini T,Shivakumar, Siva Dallavalasa, Chaithanya G, Basavaraju, Smitha S. Bhat, Shashanka K. Prasad, SubbaRao V. Madhunapantula, Prasanna K Santhekadur Quercetin activates vitamin D receptor and ameliorates breast cancer induced hepatic inflammation and fibrosis ,Frontiers in Nutrition 2023 10:1-12
7. Souparnika H. Manjunath; Prabhakaran Nataraj; Vikas H. Swamy; Kavya Sugur; Sumit K. Dey; Veena Ranganathan; Shyni Daniel; Veronica Sharon; Sandeep Chandrashekhara; Nithin Sajeev; Venkataramana G Venkatareddy; Anil Chuturgoon; Gowthamarajan Kuppusamy; SubbaRao V, Madhunapantula, Rajesh Thimmulappa, Development of Moringa oleifera as functional food targeting NRF2 signaling: antioxidant and anti-inflammatory activity in experimental model systems, Food and Function 2023 Volume 14.
8. Shiragannavar VD, Gowda NGS, Lakshana DP, Karunakara SH, Bhat S, Prasad SK, Kumar DP, Santhekadur Prasanna Kumar ,The ameliorating effect of Withaferin A on high-fat diet-induced Non-alcoholic Fatty Liver Disease by acting as LXR/FXR dual receptor activator, Frontiers in Pharmacology, 2023 14:1-12
9. Lakshana DP, Gowda NGS, Shiragannavar VD, Karunakara SH, Santhekadur Prasanna K. Ameliorating Effect of Quercetin on Ethanol-Induced Liver Injury Via Targeting RISC Machinery International Journal of Health & Allied Sciences.2023 1-8.
10. Akshatha N. Srinivas ,Diwakar Suresh ,Deepak Suvarna , Pankaj Pathak ,Suresh Giri Suman ,Suchitha Satish , Saravana Babu Chidambaram and Divya P. Kumar 1,* Unraveling the Potential Role of Tecomella undulata in experimental NASH, International Journal of Molecular Sciences 2023 , 24(4):3244
11. Ramalingam Shalini, Moola Joghee Nanjan Chandrasekar, Moola Joghee Nanjan, SubbaRao V Madhunapantula, Medha Karnik, Jubi Selvaraj, Gonna Nandhi Krishnan Ganesh-Tetracosanol isolated from the leaves of Eupatorium glandulosum, accelerates wound healing by expressing inflammatory cytokines and matrix metalloproteinase Journal of Ethnopharmacology 2023 vol 315
12. Nirmala G. Sannappa Gowda A , Varsha D. Shiragannavar a , Samudyata C. Prabhuswamimath b , Sunanda Tuladhar c,d , Saravana Babu Chidambaram c,d , Prasanna K. Santhekadur a,* Ehrlich Ascites carcinoma mice model for studying liver inflammation and fibrosis Advances in Cancer Biology – Metastasis 2022 1-8

Books (Authored and Edited)

Chidambaram, S.B., Essa, M., Qoronfleh, M.W. (2022). Laboratory Animal Models. Introduction to Toxicological Screening Methods and Good Laboratory Practice . Springer, Singapore.

16

PEACE, JUSTICE AND STRONG INSTITUTIONS



**Promote peaceful
and inclusive
societies for
sustainable
development,
provide access to
justice**

**for all and
build effective,
accountable
and inclusive
institutions at all
levels.**



**“Peace is not just
the absence of mass
destruction but a
positive internal and
external condition in
which people are free
so that they can grow to
their full potential ”**

-Wendell Berry

Contributors



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Assistant Professor
Dept of Anatomy

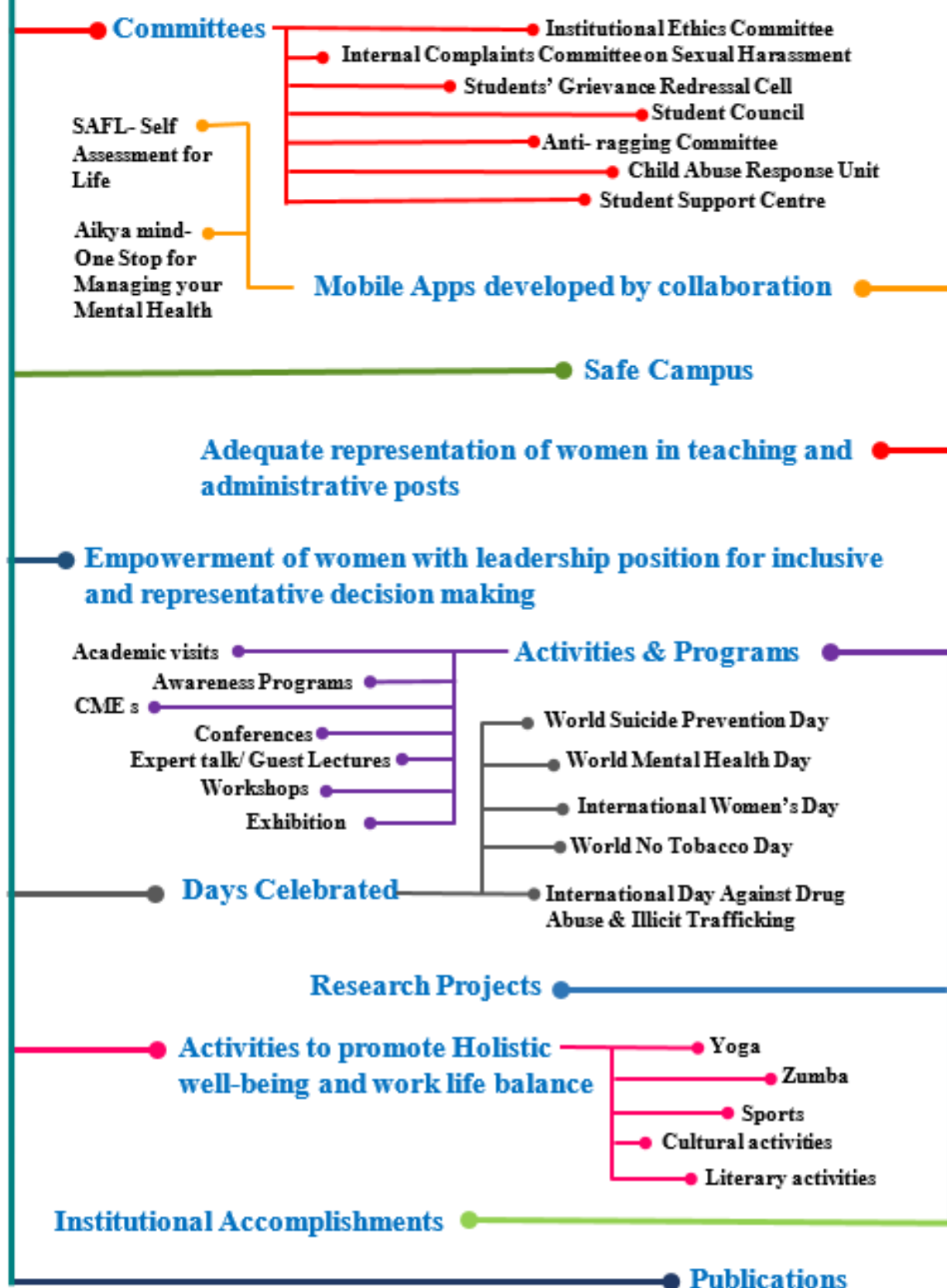


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INTRODUCTION

SDG 16 aims at improving people's lives by reducing any kind of violence, facilitating access to justice, and promoting effective, accountable, & inclusive institutions. Strong, effective, transparent, and accountable institutions are essential for sustainable development and are critical for governments to provide services to their citizens. Strengthened institutions, rule of law and enforcement contribute to support the implementation of multi-lateral environmental agreements and progress towards internationally agreed global environmental goals. A better understanding of the links between environment and human security is essential for effective conflict prevention, post-conflict reconstruction and promotion of peaceful and inclusive societies. It is of utmost importance to ensure justice to all in order to build strong nation.

Efforts of JSS Medical College towards Peace, Justice, and Strong Institutions



Committees involved in maintaining peace, providing justice, preventing violence, protecting from abuse, involving all the stakeholders to ensure responsive, inclusive, and representative decision-making.

Institutional ethics committee

Institutional Ethics Committee (IEC) at JSS Medical College was initiated in 1993.

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 all scientific, ethical, medical and social aspects of research proposals received by it in an objective, timely and independent manner by regular meetings, discussions and deliberations. The IEC serves to protect the rights, safety and well-being of the research participants.

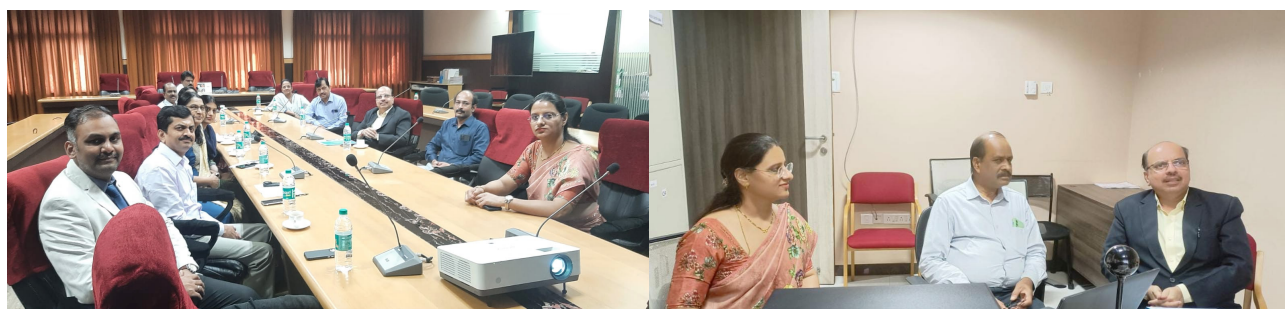
IEC, JSSMC is involved in ethical review and approval of both the academic and regulatory clinical research proposals and functions as per the SOPs framed following the regulatory NDCT (New Drugs and Clinical Trial) 2019 guidelines and ICMR ethical guidelines for biomedical and health research involving human participants 2017.

The IEC full board meetings are scheduled once in 6-8 weeks while expedited meetings with the minimum quorum members are conducted to address serious adverse events (SAEs), protocol deviations or during any exigency. The members undergo regular in-house as well as external trainings to update on the regulatory and ethical guidelines and responsibilities. The members are actively involved in the trial site monitoring at the JSS Hospital of each ongoing trial every quarterly/ bi-annually for key issues like the informed consent administration, subject enrolment, corrective/ preventive actions for protocol deviations or for any other ethical demands of the trials

IEC, JSSMC was registered under the 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. The present committee with half of its renewed members is registered under CDSCO for a period of 5 years from June 2022- May 2027 under the Member secretary Dr Prathima C.

Also, our Ethics Committee is Provisionally registered for 3 years under National Ethics Committee Registry for Biomedical and Health Research (NECRBHR), Department of Health Research (DHR) since May 2022 for the approval of Biomedical and Health Research under the Member secretary Dr Shivaprakash.

NABH Quality Accreditation of IEC, JSSMC: - Our IEC received NABH Accreditation in April 2018 and was re-accredited in March 2021. Further NABH surveillance was also successfully conducted on October 28th 2022 with minimal non-compliances (NCs) indicating our quality improvement.



NABH Surveillance Inspection, October 28th 2022: EC Members, Dr. Basavanagowdappa H- Principal JSSMC and Dr Suma MN, Vice-Principal JSSMC, along with the Principal assessor Dr Devidas Bhalerao of Pune.



NABH Surveillance close-out meeting: EC Members with the Principal assessor, Dr Devidas Bhalarao.

IEC-1 of JSSMC is monitoring clinical trials, including post-marketing, medical devices, ICMR (Government)- initiated clinical trials as well as international & national funded projects. Additionally, IEC for academics, JSSMC monitors the ethical requirements for academic studies of internal as well as external collaborative projects. Presently we have about 26 ongoing clinical trials including 3 medical devices post-marketing surveillance studies.

Structure of IEC: 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. IEC office as well the documentation section is located in II Floor, JSSMC.

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 of IEC-1, JSSMC. Dr Shivaprakash, Associate Professor of Anatomy, JSS Medical College, Mysore is the member secretary of IEC-2 for academics, 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 Associate 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, Department of Hindi, De Paul Degree College, Mysore are serving as laypersons. Mr. Palaksha and Mr. Nithin 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 is the coordinator of the EC. Every member of the committee has been competent and has contributed to the effective conduct of all IEC activities with adequate institutional support.



IEC Members with the coordinator and supporting staff members

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.

Student Support Centre

Student Support Center (SSC) is formed at JSS AHER, Mysuru with the support of the Department of Psychiatry and the Department of Clinical Psychology.

Student Support Center (SSC) provides free and confidential direct individual counseling services for

a variety of concerns including, stress, burnout, time management, relationship problems, anxiety, depression, and other matters related to a student's overall mental well-being. The center also provides resource information on wellness topics and is responsible for student outreach programming designed to reduce stress and improve overall well-being.



A
CONCISE HANDBOOK
ON
SUICIDE & SUICIDE PREVENTION
FOR CREATING AWARENESS IN
EDUCATIONAL INSTITUTIONS

Handbook on Suicide Prevention

Page 1

It aims to provide comprehensive services under one roof to the students/staff. JSS AHER is a university that is constantly striving to maintain international standards of excellence, certainly in academic output, but equally in the holistic emotional, mental, and physical well-being of its students/staff. The World Health Organization has identified depression as the single largest contributor and the leading cause of mental and physical disability across the world. It is the second leading cause of death (by suicide) in the 15 - 29 years age group. According to the National Crime Records Bureau, a suicide is committed in India every five minutes and a third of all suicides in India fall within this age group. The Student Support Centre has linked with the WHO campaign on raising awareness around mental health and aspires to contribute to public education about issues that affect young people, such as sexual abuse, suicide,

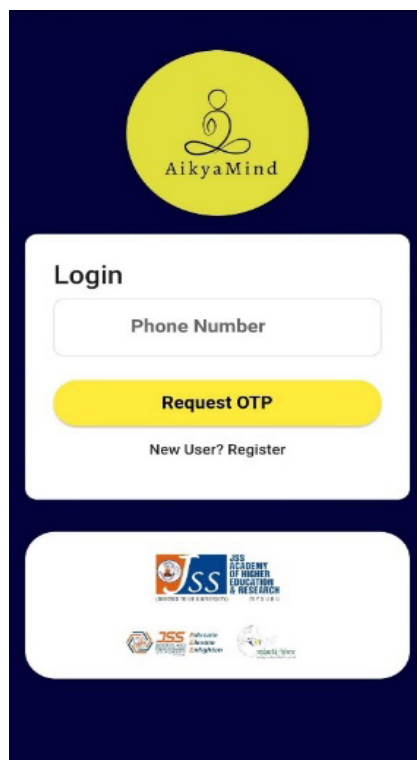
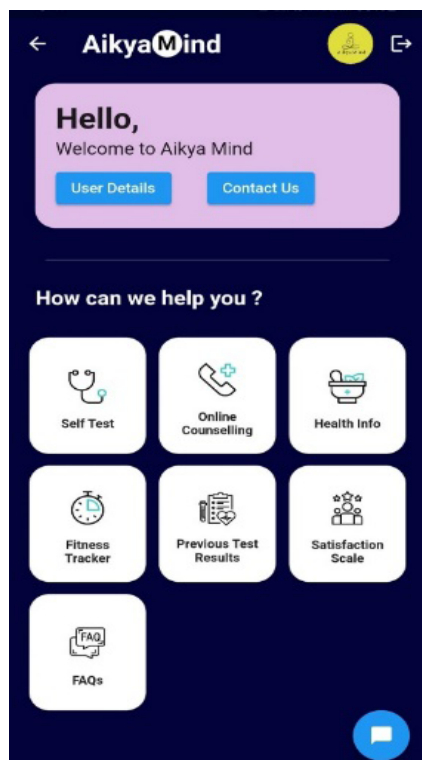
and substance abuse. etc.

Link: [JSS Academy of Higher Education & Research | Student Support Center | Home \(jssuni.edu.in\)](https://www.jssuni.edu.in)

Mobile Apps developed by collaborative work

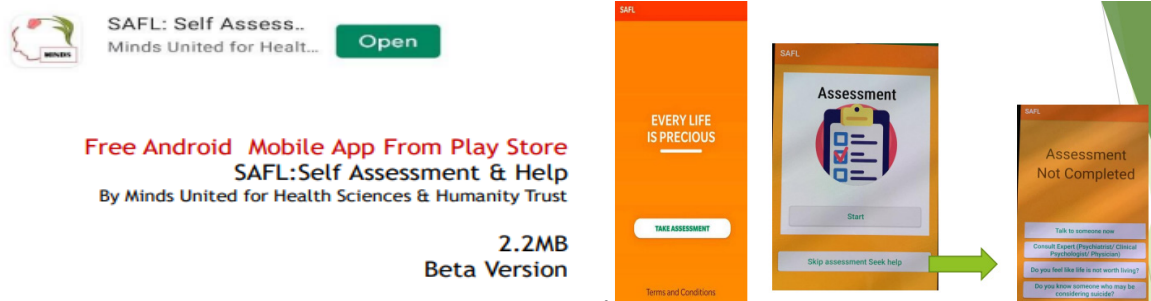
[AikyaMind - One-Stop Shop for Managing Your Mental Health.](#)

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 is one-stop shop for managing the mental health. The 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

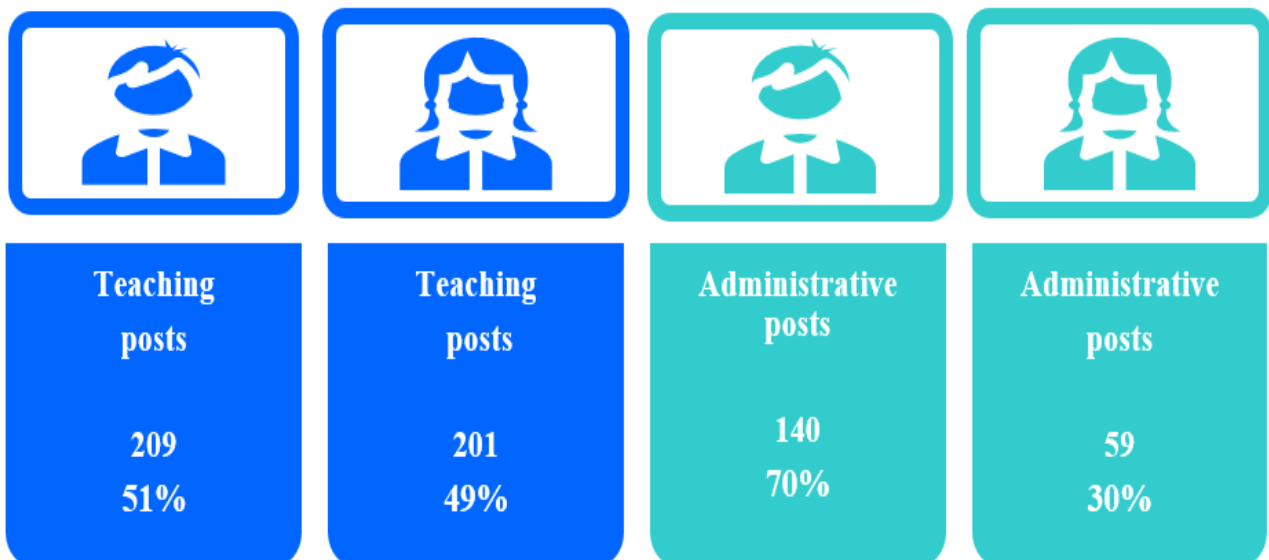
Psychiatry Team (Faculty & PGs), Doctors, Public Representatives and Software Development Team discussed and followed WHO Suicide Risk Assessment Guidelines, Mental Health Care Bill 2017 components to develop the App. Help Lines were used in the development of the App. Funds from National Conference 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.



Safe Campus

JSS Medical college has ensured safety within the campus by appointing adequate number of security personnel and installing CCTV surveillance cameras throughout the campus. The 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.

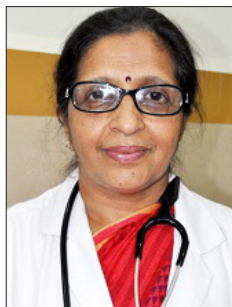
Adequate representation of women in teaching and administrative posts



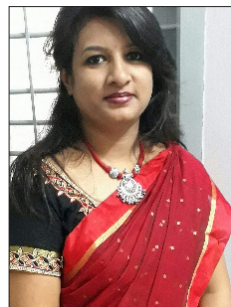
Empowerment of women with leadership positions in academic and administrative domains for inclusive and representative decision-making



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



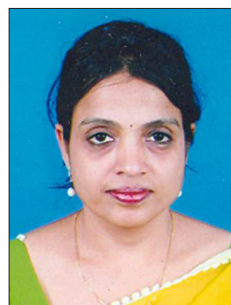
Dr. Archana
Assistant Professor
of Anaesthesia
Skill lab in charge



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



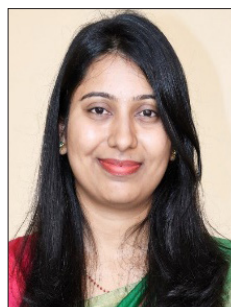
Dr Deepa Bhat
Professor of Anatomy
Genetic Counsellor



Dr. Kalabharathi H L
Professor of
Pharmacology
Chairman
Cultural committee



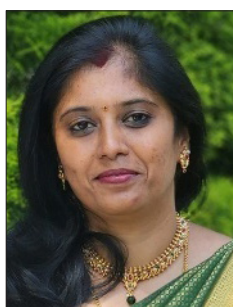
Dr. Smitha MC
Associate professor of
Community Medicine
Member secretary, Inter-
national student cell



Dr. Amoghashree
Assistant professor of
Community Medicine
Joint secretary, Academic
Society



Dr. Shobha CR
Assistant professor of
Biochemistry
Joint secretary, Academic
Society



Mrs. Shipla P
Assistant administrative
officer



Mrs. S.C. Shobha
Librarian

Activities and Programs

Academic Visits

Academic Visit: Students of JSS Law College on 19/07/2022

37 students of 6th Semester B.A. Criminology and Forensic Science, St.Philomenas College (Autonomous) Mysuru visited the Department of Forensic Medicine and Toxicology. They were accompanied by Mr. Francis Devasahayam, Assistant Professor and H o D, Criminology and Forensic Science and Ms.Alvira, Faculty. They were briefed about the departmental activities and given a demonstration of the Medicolegal Autopsy. They visited the Wet Specimen Museum, Moot Court Hall, Photographic Museum and other facilities.



**Academic visit :
Students of St.
Philomena
college, Mysuru
on 18/07/2022**

Academic Visit: Students of JSS Law College on 19/07/2022

50 Students of B.A.L.L.B and B.B.A.L.L.B, JSS Law College (Autonomous) Mysuru paid a visit to the Department of Forensic Medicine and Toxicology on 19th July 2022. The purpose of the visit was to have first hand account of evidence handling in Medico Legal cases. They attended a medicolegal autopsy and learnt the modes of collection of samples in cases of medicolegal significance. In addition to this, they were given a tour of the facility, which included the Moot Court Hall, Photographic Museum, wet Specimen Museum and the Forensic Science laboratory. They were escorted by Mr. Pranav Nair, Assistant Professor, Ms. Sneha Jagdish and Mr. Pramod Kumar, Faculty.



Academic Visit: Students of Government First Grade College, Krishnarajanagar on 28/07/2022

63 Students of B.A. Criminology and Forensic Science from Govt. First Grade College, Krishnarajanagar visited the Dept. of Forensic Medicine and Toxicology on 28.07.2022. They were briefed on the role of the department, services offered to the Police Department. They visited the facilities such as moot Court, Photographic Museum, Wet Specimen Museum and the Mortuary. They were accompanied by Mrs. Supritha C, Assistant Professor.



Awareness Program

Tobacco, alcohol, gutkha, etc. Awareness Programme on 27/12/2022

‘Education through Service’ is the sole purpose of the national service scheme. Based on this philosophy we are organizing several NSS programmes to reach the bottom billion unprivileged population by conducting diversified social activities. The NSS wing of JSS Medical College, Mysuru had organised the programme, about educating the slum population about **“Deaddiction awareness on Tobacco, Alcohol, Gutkha, etc”** held on 27th December 2022. The programmes took place under the jurisdiction of Urban Health Centre (UHC) Medhar Block, Bamboo bazar, Mysuru. The programme was organised with the support and cooperation from the faculty of department of Community Medicine, JSS Medical College, Mysuru. The NSS team was thoroughly guided by Dr. Sunil D, (Professor and Head), and Dr. Smitha (Assistant Professor) from the community medicine and the UHC health inspectors Mr. Sunil Y.S. and Santhosh H.P. of urban health centre, Medhar block, bamboo bazar, Mysuru.

Twenty-one students from the various departments of the JSS medical College, Mysuru, were actively involved in the programme. They made a house to house visit and covered about 150 houses in the region. They displayed number of charts and images to sensitize and communicate with the different strata of people in that region. Students and family members (residents) were mutually engaged in personal interactions and discussions. People showed keen interest by actively involving our NSS volunteers by engaging them in deep conversations about various topics including, drug deaddiction, its facilities, approach, its cost.

The programme was coordinated by Dr.Ravishankar M.V. (NSS Programme Officer, JSS Medical College) and Dr. Manu G. (Assistant NSS Programme Officer, JSS Medical College), who added to the success of the programme through their valuable inputs.



CME Program

FORENSIC UPDATE – 2022 on 8th July 2022

Department of Forensic Medicine and Toxicology of JSS Medical College had organized one-day CME and panel discussion in virtual mode on contemporary issues and recent advances in the fields of Forensic Medicine and Forensic Sciences “FORENSIC UPDATE 2022” on 8th July 2022. The CME was inaugurated by Dr.B.Manjunatha, Registrar, JSSAHER. Dr.Suma M N, Vice Principal, JSS Medical College was the guest of honor. Dr.Arun.M, Professor & HOD, Dept. of Forensic Medicine delivered the welcome note. As a part of this CME, guest speaker from Rashtriya Raksha University, which is a Pioneering National Security and Police University of India delivered a key note address.



The highlights of CME:

List of invited speakers and the topic of deliberation were as follows;

1. Dr. Mahesh A Tripathi, Assistant Professor (Psychology) School of Criminology and Behavioral Sciences, Rashtriya Raksha University, Lavad, Gandhinagar, Gujarat, India.

Topic - Application of Behavioral Science in crime detection.

2. Dr. J R Gaur, Director, School of Forensic science and Risk management (SFSRM) -
Rashtriya Raksha University, Gandhinagar

Topic –Utility of Forensic Serology in Crime investigations : My Experiences.

3. Dr. O P Jasuja, Professor, Department of Forensic Science, Chandigarh University, Punjab.
Topic: Advances in Forensic Dermatoglyphics.

The scientific deliberations were followed by panel discussion on the theme: **Recent Advances in Crime Investigations**

Dr.Chandrakanth HV, Professor, Dept of Forensic Medicine gave a brief overview of the panel discussion.

Sl. No	Topic	Panellist
1	Crime Scene Documentation	Dr. GB Aravind, Associate Professor of Forensic Medicine, JSSMC, JSSAHER, Mysuru
2	Management of Biological Evidence in Crime Scene	Dr. Pramod Kumar GN Professor and Head of Forensic Medicine, Karwar Institute of Medical Sciences, Karwar
3	Expectation from Prosecution in Scientific Evidence Presentation	Mr. RM Ganjigatti Deputy Director of Prosecution Karnataka Police Academy, Mysuru

Dr. Nagesh KR, Professor of Forensic Medicine, Father Muller's Medical College, Mangaluru was the Moderator of the Panel discussion

Panel discussion was followed by question and answer session, wherein the queries raised by the delegates were addressed. Dr.Smitha Rani, Assistant Professor, Dept of Forensic Medicine proposed vote of thanks. Miss. Ayushi Samal, 2nd year MBBS student was the master of the ceremony. The total number of delegates registered for this virtual CME programme was 210, which included Medical Doctors, Police Officers, Criminology and Forensic Science students and staff of various institutions across the country and abroad.



Conferences

Fifth Edition of National Undergraduate Medical Conference – Asclepius 2022 held at JSS Medical College Mysuru from 18/10/2022 to 21/10/2022

The first ever Model United Nations- JSS Medical College MUN was organized as a part of Asclepius 2022 on 20th and 21st of October 2022. More than 100 students from various medical colleges across the country participated in the mock UN- WHO assembly focusing on various issues of national and international concern like universal health coverage, sustainable development goals, mental health and challenges in health care delivery system. The JSS-MUN was inaugurated by Dr Sudhir Nayak, WHO-Surveillance Officer of Mysuru district and deliberated on importance of international relations in health and wellbeing. He appreciated the efforts of students in learning the skills of democratic dialogue exchanges in mock forums like Model United Nations. Dr Suma M N, Vice Principal, JSS Medical College in her presidential remarks emphasized on the importance of communication, interpersonal relationships, leadership skills, professionalism, democratic problem-solving skills in medical profession. She also related how MUNs can help the students acquire these skills in a more holistic manner. Dr Praveen Kulkarni, faculty coordinator, Mr. Debabrata Sahu, Director General of Mock MUN and other office bearers of Mock MUN were present on this occasion.

KAMLSCON – 2022 on 25th & 27th Nov.2022

The Department of Forensic Medicine and Toxicology, JSS Medical College, JSS Academy of Higher Education and Research, Mysuru, Karnataka, had conducted TWO Days State Level Conference on the theme 'Collaborative Forensics' at JSS Academy of Higher Education and Research, Mysuru.

Inaugural ceremony was held on 25th of November 2022 at Sri Rajendra Auditorium, JSS College of Pharmacy, Mysuru. The Conference was declared open by the Chief Guest, Honorable Justice KN Phaneendra, Former Chief Justice of High Court of Karnataka and Upa-Lokayukta, Government of Karnataka. In his inaugural speech, the Honorable Justice emphasized on the relevance and utility of the services of Forensic Medicine and Forensic Sciences in Crime Investigation and quoted many real-life scenarios from his vast experience as Presiding officer of High Court of Karnataka. He appreciated the concept of the Conference as 'Collaborative Forensics' and brought a plethora of circumstances where there is an ample scope available for collaboration of Forensic Medicine with allied branches of Forensic Sciences and Criminology.

Dr Surinder Singh, Honorable Vice Chancellor of JSS Academy of Higher Education and Research, Mysuru, Dr Manjunatha B, Registrar of JSS Academy of Higher Education and Research, Mysuru and Dr. H. Basavanagowdappa Principal of JSS Medical College, Mysuru also addressed the delegates on this occasion. Various meritorious awards were conferred to the deserving undergraduate, postgraduate medical students of Forensic Medicine and also to the faculty of Forensic Medicine.

Following the inauguration, the maiden session was on the topic "Symbiotic collaboration between academics and administration for Forensic Medicine faculty". This deliberation was held under the category of 'ATS Iyengar Oration Lecture' which was delivered by Dr.G Pradeep Kumar, Honorable Vice Chancellor of, Sri Devaraj Urs Academy of Higher Education and Research, Kolar, Karnataka. This deliberation highlighted the necessity and inevitability of achieving a fine balance between academics, research and administration. The speaker also highlighted from his own experience of being a Medical Educator and able administrator in a Medical University.

The next session was held by Mr. Sanjay Sahay, Ex.IPS, Founder & Director, TechConPro Pvt Ltd, Pro Public Speaker, Cyber Security Guru, Thought Leader & Writer, Bengaluru, Karnataka, India, on the topic 'Cyber crime and Forensic Auditing: A new avenue of collaboration with Digital Forensics'. The former IPS officer gave a detailed narration about digital forensics and forensic auditing. The participants were made to understand the importance of cyber forensics with few real life scenarios.

In the post lunch session, there was an interactive lecture by Dr. Vrinda J Bhat, Professor and Head of Forensic Medicine, Srinivas Institute of Medical Sciences, Surathkal, Mangaluru, Karnataka, on 'Value addition to FMT teaching in CBME through collaboration and Integration'.

The Day two began with talk on 'Value addition to Autopsy practice by meaningful collaboration with ancillary divisions' by Dr. S.Venkata Raghava, Professor and Head of Forensic Medicine, Bangalore Medical College and Research Institute, Bengaluru.

This was followed by talk on 'Scope of collaboration of State Forensic Science Laboratory for authentic scientific reporting of sexual offences including cases under POCSO Act' which was held by Dr. Pradeep Kumar MV, Joint Director (Technical/R&D) State Forensic Science Laboratories, Madiwala, Bengaluru.

The concluding session of guest lectures was by Dr. Tanuj Kanchan, Professor & Head of Forensic Medicine, Dean (Research), AIIMS, Jodhpur, Rajasthan, on the topic of 'Scope of Collaborative research in Forensic Medicine' The speaker himself being staunch researcher in Forensic Medicine and Anthropology, gave a valuable insight regarding the opportunities available for qualitative and quantitative research in Forensic Medicine and allied branches of Forensic Sciences and Criminology.

There was also an innovative quiz programme, 'ENQUSTA', for postgraduate students of Forensic Medicine. The quiz covered the applied aspects of Clinical Forensic Medicine, Pathology and Medical Toxicology. Following this, free paper presentation and workshops were held for faculty, postgraduate and undergraduate Medical Students of FMT. The workshop was facilitated by senior faculty members of FMT as Chairpersons and Judges.

Programme was concluded with Valedictory Programme presided by the Dr. Praveen Kulkarni Vice – Principal (Paraclinical) of JSS Medical College, along with distribution of Certificates of Participation to delegates.



Expert talks/ Guest Lectures



Mr. Pavan Mahikar, Scientific Officer, Karnataka State Forensic Science Laboratory, Bangalore was invited for interactive session with the students of B.Sc. Forensic Science, on 4/07/2022. He spoke about careers in Forensic Science Laboratories and the nature of expertise needed. The Question answer session was well addressed.

Application of Forensic Odontology in Crimes

The Department of Forensic Medicine and Toxicology organized Alumni Reconnect Program on 08/05/2023 at Gallery -6, JSS Medical College, Mysuru with Dr Iekram Alli, Forensic Pathologist at the University of Cape Town, Division of Forensic Medicine in Cape Town, Republic of South Africa who is an UG alumnus (1991 batch) of JSS Medical College. He delivered the guest lecture on the topic “Application of Forensic Odontology in Crimes”



Workshops

Mental Health Training Workshop on 04-01-2023

Mental Health training workshop was conducted on 4th January 2023 by the department of Clinical Psychology at JSS PU College, Chamarajanagar.

Over 400 students and over 15 teachers actively participated in this program, which was aimed at sensitization and awareness building about mental health, training in mental health promotion and preventive strategies etc.



Mental Health Training Workshop on 12/01/2023



Mental Health training workshop was conducted on 12th January 2023 by the Department of Clinical Psychology at JSS High School, Devalapura, Mysuru.

Over 200 students and over 07 teachers actively participated in this program, which was aimed at sensitization and awareness building about mental health, training in mental health promotion and

preventive strategies etc.

Mental Health Training Workshop on 14-01-2023

Mental Health training workshop was conducted on 14th January 2023 by the department of Clinical Psychology at JSS High School, Suttur, Mysuru. This school cater for the need of education of over 4.5 thousand students coming from different states of the country, who are basically from low socio-economic background. The headmaster of the school, Shri Shivamallu, inaugurated the programme and it was well co-ordinated by a teacher Shri Shirur Math. This workshop was aimed at sensitization and awareness building about mental health, training in mental health promotion and preventive strategies etc. Training emphasized on how to detect and reduce stress during exam and to promote mental health. Over 950 (in 2 batch) students, who are pursuing 9th and 10th standard actively participated in activities conducted during the workshop. Over 25 teachers participated in this program, who have also understood the role of a teacher in promoting mental health of students.



Mental Health Training Workshop – 16/02/2023 & 17/02/2023

Mental Health training workshop was conducted on 16th & 17th February 2023 by the department of Clinical Psychology for the heads and principals of **41 & 16 schools and colleges** of JSS Mahavidyapeetha at Telemedicine Hall, 5th Floor, JSS Hospital, Mysuru.



This programme was targeted at:

- Generating awareness about mental health issues among students and teachers
- Training them for indicators of common mental health issues in students

- Need for a rigorous school mental health programme in each school
- Heads' role in regulating and monitoring mental health related activities in their schools which are to be conducted by mental health coordinators (4 nodal teachers in each school or college, who will be trained by trainers from the Dept of clinical psychology and psychiatry)
- Need of establishing Mental Health Advisory Board in each school or college as per direction of NCERT, New Delhi
- Importance of regular reporting of the mental health activities being conducted in schools to respective directors of the division.

All the heads and principals shown tremendous enthusiasm and participated actively in discussion and interaction with the resource persons.

Workshop On Psychological and Emotional Issues- 23/03/2023

Dept of Clinical Psychology, JSS Medical College & Hospital, Mysuru conducted a 6th full day workshop in succession on 23rd March 2023 at JSS Law College (First phase out of three scheduled for this college). During this programme, Prof. K. S. Suresh, Chief Executive, Dr. S. Nataraju, Principal, and Sri. Jagadish A T- Co-ordinator & Assistant Professor were present. This programme is attended by 120 students and 8 faculties. The agenda of the workshop were: 1. To generate awareness among them about psychological and emotional issues that impair the functioning and well-being of a person and reduce the stigma. 2. To train students about features of common mental health and illness and how to detect them. 3. To enhance their understanding about stress, anxiety, depression, mobile/internet/substance abuse. 4. To train them in stress management strategies. 5. To train them in psychological first aid in response to suicide or suicidal ideation and preventing strategies. 6. They were trained on how to enhance their capacities/coping to respond to suicidal ideation of self and others. 7. Majority of students participated very actively in question-answer sessions, discussion and role plays.

Mental Health Training Workshop - For JSS School Teachers on 20/04/2023 & 21/04/2023



Department of Clinical Psychology & Psychiatry, JSS Medical College & Hospital, Mysuru conducted Two-full-days mental health training workshop at Telemedicine Hall, 5th Floor, JSS Hospital, Mysuru on 20th & 21st April 2023. This was the first workshop for teachers (in the series coming workshops including 40 mental health coordinator teachers from different schools/colleges in one batch). Target is to train 4 teachers in each school or college. Chief guest of the programme Dr. H. Basavanagowdappa, Principal, JSS Medical College Mysuru and

guest of Honour Dr. Madhu C.P., MS JSS Hospital, Mysuru provided their valuable inputs for the success of the programme. This programme was targeted at: • Generating awareness about mental health issues among students and teachers • Training them for indicators of common mental health issues in students and teachers • Need for a rigorous school mental health programme in each school • Their role as a mental health facilitator in their school - to conduct monthly two programmes (supplementary material/guidelines to be provided by the resource team), to identify and refer high risk students, to send quarterly report on mental health activities. • To orient them of their roles in Mental Health Advisory Board of the school (as per NCERT guidelines) • Importance of regular reporting (quarterly) of the mental health activities being conducted in school to the office of principal and nodal centre. All teachers participated actively and welcomed the initiative.

Mental health training workshop at SJCE, Mysore on 26/04/2023



With the blessings of His Holiness Mahaswamiji, Department of Clinical Psychology JSS Medical College & Hospital, Mysuru conducted a 9th full day workshop in succession on 26th April 2023 at Sri Jayachamarajendra College of Engineering, Mysuru (First out of two workshop scheduled for this college).

During this programme, the team of resource persons received overwhelming support from the faculties of the college.

The agenda of the workshop were:

1. To generate awareness among them about psychological and emotional issues that impair the functioning and well-being of a person and reduce the stigma.
2. To train students about features of common mental health and illness and how to detect them.
3. To enhance their understanding about stress, anxiety, depression, mobile/internet/substance about.
4. To train them in stress management strategies
5. To train them in psychological first aid in response to suicide or suicidal ideation and preventing strategies.
6. They were trained on how to enhance their capacities/coping to respond to suicidal ideation of self and others.
7. Majority of students participated very actively in question-answer sessions, discussion and role plays.

Mental Health Training Workshop – 18th & 19th May 2023 & 15th & 16th June 2023



With the blessings of His Holiness Mahaswamiji, Department of Clinical Psychology & Psychiatry, JSS Medical College & Hospital, Mysuru conducted Two-full-days mental health training workshop at Telemedicine Hall, 5th Floor, JSS Hospital, Mysuru on 18th & 19th May 2023. This was the second workshop for teachers (in the series coming workshops including 40 mental health coordinator teachers from different schools/colleges in one batch). Target is to train 4 teachers in each school or college.

The workshop was conducted under the aegis of Dr.Kishore M., Head, Dept. of Psychiatry & Dr.Manoj K Pandey, Head, Dept. of Clinical Psychology, JSS Medical College & Hospital, Mysuru. This programme was targeted at:

All teachers participated actively and welcomed the initiative.

Medical Exhibition at Suttur Jathra - 2023 (From 18/01/2023 to 23/01/2023)



Department of Forensic Medicine and Toxicology displayed posters on 12 aspects of common Cyber Crimes that was prepared in cooperation with the Mysuru District Police. These included Phishing Attacks, Identity Theft, ATM Frauds, social media related offences, Matrimonial and Job portals. The department also created awareness on fingerprints on porous and non-porous surfaces, its preservation, and lifting latent fingerprints using powders. Awareness was given to the public on not to handle any object in a scene of occurrence, as they might unwittingly destroy the culprits' fingerprints, but also come into the list of suspects, by virtue of their fingerprints

being located on objects in the scene. Fingerprints of 4615 persons were taken on plain paper as a demonstration.



Department of Clinical Psychology created awareness to the general population about various psychological disorders using posters, and screening common mental health problems. One of the main purposes was to educate people about mobile addiction, its indicators, impact and self-help tips. The stall engaged the visitors by involving them in assessing mental abilities using the Tower of London, Pattern Drawing and Stroop Tests. These activities attracted people of all ages. During the Jathra, more than 1300 visitors (aged 6-70 years) visited the stall and enquired about psychological disorders. more than 200 children and adolescents participated in the testing of cognitive abilities, and more than 200 visitors enquired about the services available in the Dept. of Clinical Psychology, at JSS Hospital, Mysuru.

Days Observed

World Suicide Prevention Day –

School of public health & Department of clinical psychiatry, JSS Medical College, JSS AHER observed world suicide prevention day on the 12th of September 2022, Monday. Students of MPH and the psychiatry department with all the staff were present for the observational activities. "Creating Hope Through Action" is the triennial theme that started in 2021.

Observational Activities

Dr. Minu Maria Rose, a student of the 2nd semester MPH, introduced the prevalence and awareness of suicidal activities among the population.

Awareness Activities

The MPH students performed a skit to spread awareness about suicide prevention. The performance was based on the theme of "Say it right- Power to Heal, Power to Hurt." which is based on the importance of using the right communication to prevent any suicidal activities in the community. Then Mr. Ritvik S. Kashyap- Assistant professor of clinical psychiatry gave an awareness speech on suicide prevalence and trends among the population and myths related to the condition. He also discussed how to help people who are having suicidal thoughts or suffering from any mental conditions.

Then the students took part in competitions such as Slogan writing, quiz, and IEC making.



World Mental health Day 2022

On occasion of World Mental health day 2022, Psychiatric consultation clinic was started in Urban Health centre on 18th October 2022. Dr Pradeep, from Psychiatry department inaugurated the specialty clinic. Dr Krishnaveni YS, MO JSS UHC introduced the consultant to the patients and suggested to make use of the services provided and convey the same to their family and friends. Dr Pradeep interacted with the patients and talked about the mental health and common psychiatric problems like depression, alcohol addiction, He addressed patients and UHC staffs about mental health resilience , to diagnose the symptoms at earliest and to seek for treatment. It was decided to continue Psychiatric clinics on every first Tuesday of the month and on second Tuesday if first Tuesday is a holiday. UHC staffs Mrs Bharathi, Health inspectors Mr Santhosh, Mr Sunil and MSW staff Mr Mallikarjun participated in the programmes.

Health workers were advised to bring alcohol addicts who are willing for withdrawal and their family members for consultation and counseling. A total of 5 patients having alcohol addiction, depression, and suicidal tendency were counseled during the moment. It was planned to continue psychiatric clinic also as de-addiction unit in future

International Women's Day



The Internal Quality Assurance Cell of JSS Medical College has observed International women's day on the 10th of February 2023. The programme began with an invocation by Dr.Manu G, Associate Professor, Department of Pharmacology, JSS Medical College. Dr.Manthappa M, Vice Principal (Clinical), JSS Medical College formally welcomed the gathering. The programme was inaugurated by watering the plant by all the dignitaries on the dais. The inspiring women awards were accorded to the teaching, technical and administrative faculty members of JSS Medical College for their

immense contribution towards the institution. Dr.Praveen Kulkarni, Vice Principal (Paraclinical), JSS Medical College announced and read the citations of the awardees.

Dr.Suma M.N., Dean Faculty Biomedical Sciences and Vice Principal (Pre-clinical), Dr.Jayanthi M K, Professor of Pharmacology, Dr.Rajalakshmi R., Professor of Physiology, Dr.Pushpalatha K, Professor

of Anatomy, Mrs.Rita Murphy, Technician in Dept. of Pathology, Mrs.Kusuma, Technician in the Dept. of Microbiology, Mrs.Manjula and Mrs.Prabhamani, Administrative staff members, Mrs.Gowramma and Mrs.Mahadevi, general workers of JSS Medical College were felicitated with inspiring women awards for the year 2023

Dr.B.Manjunatha, Registrar, JSSAHER congratulated JSS Medical College for organizing international women's day and felicitating the achievers. Dr.H.Basavana Gowdappa, Principal, JSS Medical College described the role a woman plays in the holistic development of everyone's life. He congratulated all the women achievers who received the felicitation and appealed all the other women employees to get inspired by their achievements and progress in the career. He appreciated the contribution of women employees in the success of the institution.. Sri S R Satish Chandra, Administrative Officer, JSS Medical College described about the inception of international women's day and how women workforce in the growth and development of the institution. He appreciated the role administrative faculty play in smoother functioning of the institution. He congratulated all the women achievers and wished them many more to come in their future career. Sri Tungesh, administrative faculty member of JSS Medical College coordinated the proceedings of the programme.



Observation of International Women's Day

International Women's Day was observed by Department of Community Medicine, JSS Medical College, Mysuru in association with the JSS Nursing College, Mysuru at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru on 08.03.2023.

The Programme was started by flag off by Dr Rama H V, Lady Medical Officer of JSS Urban Health Centre and Mr Ningaragu, Assistant Professor of JSS Nursing college for awareness rally from students of JSS Nursing College, Mysuru on the theme "DigitALL: Innovation and technology for gender equality" in the area of Medar Block, Bamboo Bazar, Mysuru.

Chief guest Dr Sunil Kumar D, Professor and Head, Department of Community Medicine, JSS Medical College, Mysuru, highlighted the importance of Women's Day to the women of Jana Shikshana Sans-than. This was followed by felicitation of Mrs Akkamma, Physical Education Teacher of Government Higher Primary School of Medar Block, Mrs Gayathri, Beautician, Mrs Dhakshahini, Faculty of Jana Shikshana Sansthan, Mrs Nagamma, Vegetable Vendor, Medar Block, Bamboo Bazar, Mysuru. These successful women shared their views and motivated the audience.

Dr Amoghashree, Assistant Professor and Coordinator- JSS Urban Health Centre, Department of Community Medicine, JSS Medical College, and Mrs Vidya, Assistant Professor and Mr Ningaraju, Assistant Professor, JSS Nursing College, Mysuru were Present.

The event was coordinated by Mrs Bharathi Y, Public Health Nurse, Mr Santhosh H B and Mr Sunil Y S, Health inspectors and Mr Mallikarjuna Swamy, Medicosocial Worker, JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru.



World No Tobacco Day



On the occasion of World, No Tobacco Day, the Department of Community Medicine, JSS Medical College, JSSAHER, Mysuru organized an essay and drawing competition for the students of JSS High School, SS Nagara Mysuru with the theme “We Need Food, Not Tobacco”.

World No Tobacco Day was observed on 31st May 2023 at the premises of JSS High School SS Nagara Mysuru. Chief guest and Guest speaker Dr.Thippeswamy H.M., Reader, Public Health Dentistry, JSS Dental College Mysuru and Guests of Honor Dr.Sunil Kumar D, Professor and Head, Department of Community Medicine and Sri Shivashankar S P, Head Master, JSS High School, SS Nagara, Dr.Rashmi S, Senior Resident, Department of Community Medicine, and Mrs Jyothi, Teacher of JSS High School, Mysuru inaugurated the event by

watering the plant.

Dr.Thippeswamy H.M. spoke about the ill effects of Tobacco use and motivated the students to pledge to *Say No to Tobacco* . A drawing competition and Essay writing were arranged for high school students with the theme We Need Food, Not Tobacco on 27th May 2023. Prizes and Certificates were distributed during the event. Dr.Amoghashree, Assistant Professor, Postgraduates Dr.Shruddha and Dr.Lekha Shree, staffs of JSS High School were also present on the occasion.

Winners of the Drawing competition - Ms Pratiksha K 1st prize, Ms Spoorthi 2nd prize, Ms Sinchana 3rd prize, Essay competition - bLMs Pratiksha K 1st prize, Varshitha 2nd prize, Yogalakshmi 3rd prize, Likhitha Consolation prize.

International Day against Drug Abuse and Illicit Trafficking

International Day against Drug Abuse and Illicit Trafficking was observed on 26th June 2023 to encourage more action and co-operation towards a drug free world by Department of Forensic Medicine and Toxicology on 26th June 2023 between 3.00 – 5.00 PM. Dr.H.Basavana Gowdappa, Principal, JSS Medical College , Dr. Praveen Kulkarni Vice-Principal (Para Clinical), and Sri S.R.Satish Chandra-Administrative officer, JSS Medical College, graced the occasion.

The session commenced with a role – play by third year MBBS students, highlighting the ill effects of drug abuse and how one can learn to make responsible choice under such circumstances.



Role Play sensitising ill effects of drug abuse



The resource person was Dr.Elizabeth Frank, Entrepreneur, Medical Bio-chemist, Researcher, Lab Management Consultant, working with a software group as a domain expert to build AI based clinical decision-making tools and a lab management tool. Dr.Elizabeth Frank delivered invited lecture on the topic “What, Why and How of Drug Abuse”



Mr Sam Varghese, Director, Leader Impact, Mysuru introduced the participants to Drug Awareness Photo Contest - Focus Life, organised by Leader Impact and Character Solutions International in partnership with Students in Touch. The said photo contest intended to raise awareness among college students regarding growing menace of drug mafia.



The session ended with an administration pledge, wherein the participants pledged to lead a drug free life. 200 students of MBBS, BSc Forensic Science were participants of the said programme.

Research Projects

Title	Investigators	Funding agency	Fund
Yoga therapy module for improvement of circadian pattern of blood pressure in non-dipper hypertensive patients	Dr.Madhu B Dr.Srinath C G Dr.Vijayavagesh, Dr.Vinitha K R, Dr Nagashree.V	DST-SATYAM	55,00,000
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 Hariprakash Dr Saurish Hegde	Mamta HMIC, New Delhi	1,00,000
Effect of traditional Indian folk games to improve physical activity in individuals with cerebral palsy – An Observational study-ICMR	Mr. A . Mansoor Rahman Dr Jagdish Kumar.K	ICMR	24,00,000
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 Extra- mural	25,00,000
Coping up with dream course: A study of stress, stressor and coping strategies among 1st year medical students	Dr.Pushpa N.B	JSS AHER	40,000

Prevalence and role of sociodemographic variables, Family planning services, Gender preferences and Decision making on Sterilization Regret among Women in Urban, Rural and Tribal areas.	Ms. Palak Talwar Dr. Smitha M C	JSS AHER	50,000.
A quality Study on the teachers perspective of substance abuse among school students	Ms. Rose Kurian MPH Student	JSS AHER	25,000
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
Effectiveness of yoga based cardiac rehabilitation (Yoga-CaRe) in heart failure : A Randomized controlled clinical trial (Yoga-CaRe-Heart Failure Trail	Dr. Sunil Kumar S Dr. Manjappa M, Dr. Vinay Kumar K, Dr. Prathiba Periera	ICMR Task force (By CCDC, New Delhi)	12,84,240.

Activities to promote Holistic well-being and work life balance

Yoga

YOGATHON : 2023 – 15/01/2023



The theme “YOGA” is an ancient practice intended to enlighten the physical, mental, and emotional excellence of an individual. The theme aims to inspire the yoga community for global development through physical and mental fitness. Yogathon2023 is one of the largest yoga and health movement that aims to enable the youth to take charge of their health. It took place across 31 districts of Karnataka on 15th January 2023. This programme was conducted to initiate Yogathon Guinness World Record (GWR) attempt for the world’s largest yoga lesson plan.

The programme was held in the racecourse Mysuru. The event was started with the “Nada Geetha” at 7:30 AM, later inaugural speech given by the deputy commissioner followed by keynote address by district MLA Ramdas. Later actual YOGA session was started and it was conducted for 45 minutes, where different asanas(postures)were practiced by more than 41 thousand participants. One hundred and twenty-eight (128) registered NSS student volunteers from JSS Medical College, and from the division of Allied Health Sciences (AHS), took part actively in the event. The event ended by offering a vote of thanks followed by the national anthem. The whole event was held successfully with the valuable support from the authorities of JSS Medical College, JSS AHER, and the administrators from the respective constituent colleges. The programme was coordinated by Dr. Anshu Kumar Yadav, Dept. of Biochemistry, and Dr. Srinath C.G, Dept. of Physiology along with the NSS program officer, Dr. M. V. Ravishankar, and assistant NSS programme officer. Manu G.

International Yoga Day – 21/06/2023

Department of Clinical Psychology & Yoga, JSS Medical College & Hospital, JSS Academy of Higher Education and Research, Mysuru organized a programme in observance of “International Yoga Day” on 21st June 2023 between 6.30 to 8:30 am at Suttur Sri Kshetra on the theme “Yoga for Vaishnava Kutumbakam”.

The special emphasis of the programme was on “Yoga for Student Mental Health” to ensure better physical, mental & spiritual health among students with average and special abilities. Around 2500+ students of JSS schools participated and practised Yoga from 6.30 to 7.30 AM. The programme was preceded and followed by the talks of the dignitaries. Chief Guest, Sri S.P.Udayashankar Sir, Administrative Officer, JSS Institutions, Suttur and Guests of Honour, Dr.B.Manjunatha Sir, Registrar and Dr.Vishal Kumar Gupta Sir, Dean Academic, JSS AHER had their gracious presence and blessings throughout the programme.

National Service Scheme (NSS) -INTERNATIONAL YOGA DAY (IYD) 2023



NSS unit, JSS Medical College, AHER, Mysuru conducted yoga session on 21st June 2023 in the auditorium between 6:45 am-7:30 am. Various types of “Yoga” postures, and pranayama technique was taught and demonstrated by yoga coach Ms. Jahnavi V Madhu, 4th semester M.Sc. and Ms. Monika D, 2nd semester. They were the students from the department of Yoga JSSAHER, Mysuru. The yoga session was involving the active participation of students and faculty members of JSS Medical College, Mysuru. The activity was supported and encouraged by the Principal and Vice Principal of JSS Medical College, Mysuru, Dr Vijaya Vageesh, Dept. of Physiology, and Mr. Srujan, Department of Yoga, AHER. The program was supervised and coordinated by NSS program officers, NSS unit, JSS Medical College, Mysuru.



Zumba Session

“Step to the beat, to Step down the Pressure”

Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru organized Zumba session at Sri Rajendra Auditorium, JSS Medical College, Mysuru on 20th May 2023 on the occasion of World Hypertension Day with the theme “Step to the beat, to Step down the Pressure”.

Chief guest Dr H Basavana Gowdappa, Principal, Guests of Honour Dr Suma M N, Vice Principal (Pre Clinical), Dr Praveen Kulkarni, Vice Principal (Para Clinical), and Sri S R Satish Chandra, Administrative Officer, organizers Dr Sunil Kumar D, Professor & Head, and Dr Amoghashree, Assistant Professor, Department of Community Medicine, JSS Medical College were present.

Zumba Instructor Mr Arjun, Dance for you Institute, Mysuru conducted a 1 hour session for teaching and Non teaching staffs of JSS AHER, Mysuru.

Around 100 staffs participated and enjoyed The zumba session.



Sports Activities

Sl. No.	Name of the Tournament, Place & date	Games	Result
1	JSS Medical College Annual Sports Meet 2022; 25.05.2022 to 17.07.2022 Sports Meet inaugurated by Dr.Kushalappa Director, Academic JSS AHER Prize distribution by Dr.C.P.Madhu Director, JSS Hospital	All Games	Final Year student got overall championship trophy. Best Male Athlete-Mr.Goutham Best Female Athlete -Ms. Meena
2	State Level Inter Medical Colleges Sports Fest (Span- dan 2022) 28.08.2022 to 04.09.2022	Futsal Chess Athletics	Men Winner Individual Championship Mr.Shet Prajwal P. Ms.Ompriya Ms.Meena Iyer 1500mtr-2 nd Place 800mtrs-3 rd Place Ms.Neelanjana Datta 100 Mtrs-2 nd Place 400 Mtrs-3 rd Place Ms.Parvathi Discuss Throw-2 nd Place
3	State Level Inter Medical Sports Fest Organised by Rajarajeshwari Medical College, Ben- galuru 28.09.2022	Chess	Mr.Shet Prajwal P. Winner (Individual) Ms.Ompriya Best Player
4	Inter Collegiate Sports Fest (U Fest-2022) 17 th to 21 st September 2022	Games & Athletics	JSS Medical College Overall championship of the Fest
5	Karnataka State Fide Rater Open Chess Champion- ship organised by Karnataka State Chess Association 29.09.2022 to 01.10.2022	Chess	Mr.Shet Prajwal P. (III Year MBBS) State Champion and selected for National Championship
6	District Level Inter Medical Sports Fest Organised by Mysuru Medical College & Research Institute, Mysuru 4-11-22 to 6-11-22	Table Ten- nis	Ms.Harshini P. Runner-up (Individual Event)
7	State Level Inter Medical Sports Fest Organised by Bengaluru Medical College & Research Institute, Bengaluru 5 th to 7 th November 2022	Basketball	Women Runner-up
8	National Level Inter Medical Sports Fest Organized by AFMC, Pune 3rd to 6th May 2023	Chess	Men & Women Team Game- 3rd Position Individual Mr.Shet Prajwal P. Got three gold medal 1.Classic Format 2.Rappid Format 3.Blitz Format

9	State Level Inter Medical Sports Fest Organized by Shri Dharmasthala Manjunatheshwara University, Dharwad 4th to 7th May 2023	Basketball	Men & Women Both teams got bronze medal (3rd position)
10	State Level Open Tournament organized by JSS Science & Technology University, Mysuru in the name JAYCIANA-2023. 11-06-2023 to 24-06-2023	Chess	Men Individual Mr.Shet Prajwal P. Final MBBS
11	JSS Medical College Annual Sports Meet-2023 24th April to 10th June 2023 Chief Guest for the inauguration function (9th June 2023) Sri Rameshwara Mahapatra (Former National Badminton Player Chief Guest for the Prize distribution function on 10th June 2023 Dr.Manthappa Vice Principal (Clinical), JSS Medical College & Hospital, Mysuru	T e a m games and Athletic events	III MBBS students got over all championship 2023 Mr.Goutham and Mr.Rohinth awarded as best male Athlete (shared) & Ms.Neelanjana Dutt awarded as best female Athlete for 2023.

Photo collage



International Grandmaster Chess Tournament



Mr. Prajwal P Shet, Final Year MBBS student, participated in 1st Mayor's Trophy International Grandmaster Chess Tournament, which took place in Indore from 1st April to 8th April 2023. He was placed 38th in the merit list. The tournament was an international event (above 1800 rated), where more than 200 players participated, 80+ Titled players from various countries took part. Prajwal P Shet ended the tournament with 6 points out of 10 rounds, beating Grandmaster Mirzoev Azer, from Azerbaijan in the first round.

SDM Dharwad Sports fest



State Level Inter Medical Sports Fest Organized by Shri Dharmasthala Manjunatheshwara University, Dharwad. Both teams got bronze medal (3rd position)

Annual Sports Meet

Annual sports meet was organized from 24th April to 10th June 2023. Chief Guest for the inauguration function Sri Rameshwara Mahapatra (Former National Badminton Player. Dr. Manthappa, Vice Principal (Clinical), JSS Medical College & Hospital, Mysuru was the Chief Guest.

More than 300 participants (both men & women) took part in the sports events.

III MBBS students got over all championship 2023.

Mr. Goutham and Mr. Rohinith were awarded best male Athlete (shared) & Ms. Neelanjana Dutt was awarded best female Athlete for 2023.



AMOGHOTHSAVA – 16th to 18th June 2023: Sports events as part of Amoghotsava 2023 began with the inaugural function on 16th June 2023 for BSc, MSc, MPH programs of Allied Health Sciences students.

The Chief Guest was Dr.H.Basavana Gowdappa, Principal, JSS MC, and Guests of Honour were Dr.Suma M.N., Vice Principal, Sri S.R.Satish Chandra, Administrative Officer, Smt.Shilpa P., Assistant Administrative Officer were present among the dignitaries. The sports coordinators among faculties and students were also present along with students and referees during the function.

The event began with a March Past, torch light and motivational speech by Guests.





The Amoghotsava -2023 valedictory ceremony took place on June 18, 2023, at 5 p.m. in the grounds of JSS Medical College. The valedictory ceremony started with an invocation song followed by a welcome speech by Dr. Preksha. Chief Guest was Dr. Praveen Kulkarni, Vice Principal Para Clinical, JSS MC, who addressed the gathering. Sports coordinators Dr. Anil Bilimale, MPH Chief Coordinator, JSS MC, Dr. Sulochanadevi B C, Assistant professor, SPH, JSS MC, Dr. Vinutha Assistant Professor, Dept. of Anatomy, JSS MC, and Mr. Lokeshappa, organized and coordinated the sports events

All the B.Sc., M.Sc., MPH, and other Allied Health Sciences students participated enthusiastically. Winners were honored with medals and certificates, and the best players received the trophies and certificates. Experiences were shared by students, and finally, the function ended with a vote of thanks.

Cultural Activities

AMOGHOTSAVA-2022



JSS Medical College, JSS Academy of Higher Education & Research had organized the cultural fest for Allied health science students- "AMOGHOTSAVA-2022" on 18th & 19th July 2022. Various events organized under the fest were, face painting, pencil sketching, dance faceoff, Poetry Writing, Mad-Ads, Mehendi, Group Dance, Solo Singing- Non-Classical/Classical, flash mob, band, air crash, mime, couple dance, best clicks, best clicks, fashion show. Students of Allied health science courses participated in all the events with great zeal and enthusiasm.

THANDAVAM (DANCE COMMITTEE)



Suttur (Dance Competition):

On the 18th of January 2023, a dance competition was organised at Suttur Mut. The 1st year students showed an active participation in the dance event.



Introduction to 1st Years and Hook Step Challenge:

On 26th February 2023, the club organised an introduction session for the 1st years. It was an interactive session where we discussed the work carried out by the committee which was followed by an impromptu dance session where the members showcased their talent.



Women's day:

On the 29th March 2023, the students of 1st year MBBS, girls specifically, did an amazing performance for the faculty and staff of JSS Medical College to showcase women empowerment and their essential role in modelling the society.



Dance Meet:

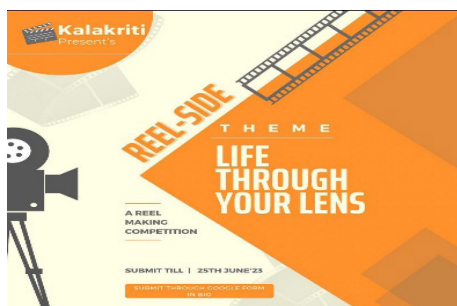
On 30th April 2023, another jam session was organised by the club where we encouraged our members to showcase their talent. This session included Dance battle and Reel making thus keeping the students engaged.

Annual Sports Meet:

On 9th June 2023, Annual Sports Meet was organized where the students performed during its opening ceremony. It included a semi classical performance and 2 western dance performances by the members of the club. The performances were incredible and deeply acknowledged by the audience.



KALAKRITI [FINE ARTS COMMITTEE]



Reel Side:

An innovative competition was organised by the committee under which the participants had to make a 40 second reel on the theme of LIFE THROUGH YOUR LENS. The committee received many responses thus making the event a great success.

MYRIAD [DRAMA COMMITTEE]



A workshop on Improv, which is a form of acting in which participants must improvise their acting and dialogues in order to come up with witty and humorous short skits, was held at Sri Rajendra Auditorium on 26th of March 2023. It was organised by the core committee members of Myriad, the Drama Club of JSSMC. The workshop saw a good turnout of students with a mix of 1st, 2nd and 3rd years. There were 32 participants in total and we expect to see even larger numbers in our future events.

The workshop was divided into 4 parts. It started off with a warmup round wherein each participant had to add on to a story with a line starting with subsequent letters of the alphabet, for example the first person had to say a line starting with A followed by the next person continuing with a line starting with B.

The next round was another improv skill building game called 'and then' wherein participants had to enact a situation given to them for 1 minute with a partner, without contradicting them or repeating the sentences.

The next 2 rounds were fast paced and helped everyone think on their toes. The rounds were questions- wherein participants had to converse on the given topic only in the form of questions, and the other round was words- wherein everyone was divided into groups of 4 and given a set number of words that they were allowed to use to enact the scene. This round was very well received as a wide variety of situations, from foreigners at an Indian restaurant, coming up with a startup idea etc. were given.

The final round was a press conference round, where participants had to spontaneously come up with answers to a 'press conference'. This round was also very interactive and involved all the participants at once. At the end of the workshop the top 6 participants were recognized.

This workshop helped students improve their acting skills and helped them become more confident about enacting spontaneously. They were given feedback on ways to improve, and briefed about the various events that they could take part in as a part of Tatvam. Overall, the event was a great success and we hope to have many more such events in the future. We thank our teachers and vice principal for giving us this opportunity.



MUSIC MEDICINE MASTI [MUSIC COMMITTEE]

In 2023, the music club conducted a jam session on 22nd April 2023. Students from all phases of MBBS participated and jammed their hearts out. Many rounds like PoV, Trivia and Translate were conducted.

AMOGHOTSAVA 2023 CULTURAL FEST – Allied Health Sciences students

Amoghotsava, “**kaleidoscope of cultural brilliance**”, the cultural fest of Allied Health Sciences was held on the 21st and 22nd of June 2023. The fest brought together students from various backgrounds such as BSc, MSc and MPH and created a vibrant atmosphere. The cultural fest showcased a multitude of captivating performances, dances, music, and other artistic forms. The event started off with each batch performing a flash mob. Students made a feel of a festival by decorating the college premises and the reception area. Bright and colorful flower carpets added to this.



The inaugural ceremony took place at Rajendra Auditorium, JSS Medical College with the esteemed presence of Dr.Surinder Singh, Vice Chancellor, JSS AHER. The occasion was also graced with the presence of Dr.Suma M.N, Vice Principal (pre-clinical) & Dean, Faculty of Biomedical Sciences, Dr.Praveen Kulkarni, Vice Principal (para-clinical), Mr.Satish Chandra, Administrative officer, and Ms. Shilpa, Assistant Administrative officer, JSSMC, Dr.Kalabharathi H.L, Professor, Dept of Pharmacology, Dr.Vijaya Vageesh, Associate Professor, Dept of Physiology and Dr.Anil S Bilimale, Chief MPH Coordinator, School of Public Health. Words of wisdom and wishes were received from the esteemed guests. The event was declared open. The support and guidance from our organizing chairpersons Dr.Kalabharathi H.L, Professor, Dept of Pharmacology, Dr. Vijaya Vageesh, Associate Professor, Dept of Physiology and Dr. Shilpa D.M, Assistant Professor, School of Public Health made this event possible.



The list of events held & prize winners details are as follows

Event	Names of Prize winners	Comments
Pencil sketching	Ms. Riya from BSc 1 st year and Ms. Preksha from BSc 2 nd	Students received the chance in bringing out their artistic and literary talents
Poetry writing	Ms. Manaal from BSc 2 nd year and Dr. Preksha from MPH	
Solo classical Dance	Ms. Pooja Mohan from MSc won the 1 st prize followed by Ms. Raskhitha Hegde who won the 2 nd prize.	The audience was thrilled in watching the performances of our dancers
Face painting	Ms. Shasna from BSc Intern and Ms. Deeksha from BSc 2 nd year won 1 st and 2 nd prizes.	A world of colors and creativity was put forth by the students
Debate: The topics given for debate were carbon dioxide emission: the major cause of global warming and whether nuclear weapons should be banned across the globe or not	Mr. Eyob and Ms. Arya from BSc 3 rd year won the 1st prize. The 2 nd prize was won by Mr Abhiraam and Ms Mehreen from the dept of Clinical Psychology.	Participants expressed their strong views and opinions on these topics and supported their points
Mehendi	Ms. Syeda from BSc 3 rd year and Ms. Shasna, BSc interns won the best prizes.	Students showcased their creativity & patience in putting Mehendi
Spot dance	Ms. Niya from BSc 3 rd year won the best prize followed by Dr.Minu from MPH	Participants exhibited their dancing skills on stage empowering the audience
Solo singing classical	Ms. Nima, BSc Intern won 1 st prize and Ms. Shilpa, dept of clinical psychology won the 2 nd prize.	Participants rendered melodious performance
Mime	Kashish and team from BSc 1 st year won 1 st prize and Roshin and team from BSc interns team won the 2 nd prize.	The participants presented with interesting performances.
Aircrash which was conducted in the gallery.	Dr. Chaithra from MPH won 1 st prize for her performane as Mr.Amitabh Bachan. Mr.Abhiram from clinical psychology wonthe 2 nd prize.	Each participant were given a famous personality to act upon.
Solo dance non-classical	Ms Ananya Hegde, BSc 1 st year and Ms. Niya Joby, BSc 2 nd year won the 1 st prize. Ms. Anjana Nambiar from MSc 2 nd year won the second prize.	Great energy, grace and performance were exhibited by the students.
Solo singing non-classical.	BSc 3 rd year won the 1 st prize and Ms. Dhaaniya from BSc 1 st year won the 2 nd prize.	Melodious performance
Pictionary.	Mr. Akshay and team from BSc 3 rd year won the 1 st prize and Ms. Bindu and team from BSc 1 st year won the 2 nd prize.	The event was entertaining and fun for the participants as well as the judges
Group dance non- classical	Ms. Shruthi and team from BSc 1 st year won the 1 st prize for their amazing performance. The 2 nd prize was won by Ms. Ananya and team from BSc 1 st years.	The participants created a world of rhythm, harmony, vibrancy and sheer joy of moments

Musical band.	Chelsea and team from BSc 1 st years won the best prize	event ignited the stage and resonated within the minds and bodies of the audience
Fashion show	Ancy and team of BSc interns won 1 st prize with their captivating performance	A display of elegance, innovation and glamour. The audience was dazzled as the runway transformed into an impeccable style.



Students displayed their skills and talents through the moments they captured. The valedictory function was graced by the esteemed presence of Dr. Vishal Kumar Gupta, Dean of Academics, JSS AHER, Dr. Suma M.N, Vice Principal (pre-clinical), Dr. Praveen Kulkarni, Vice Principal (para-clinical), Mr. Satish Chandra, Administrative officer, Smt. Shilpa, Assistant AO, JSSMC, Dr. Kalabharathi H.L, Professor, Dept of Pharmacology, Dr. Vijaya Vageesh, Associate Professor, Dept. of Physiology and Dr. Anil S Bilimale, Chief MPH Coordinator, School of Public Health and prizes were distributed to all the winners & coordinators.



Air Crash Participants



Fashion Show



Mime



Pencil sketch



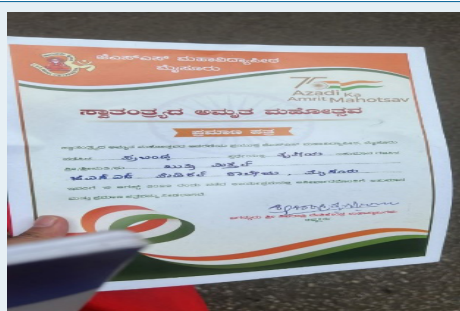
Poetry writing



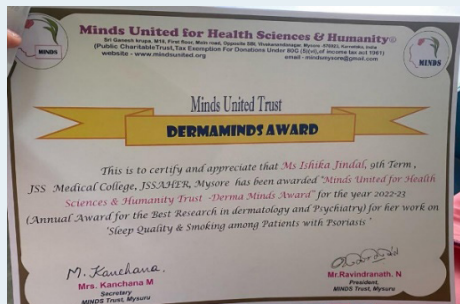
Solo Dance Classical

Literary Activities

	JSS Medical college magazine SAMARTHYA, 2020-21 secured first prize. Dr. H.Basavanagowdappa, Principal, President, Literary & Magazine committee, Dr. Tejashree.A, Chairman and Dr.Pushpa .N.B, Member secretary, Literary & Magazine committee, JSS Medical College, received the prize during the 107th Jayanthi Celebrations of Srimanmaharaja Rajaguruthilaka H.H. Jagadguru Dr.Sri Shivarathri Rajendra Mahaswamiji at Sri Suttur Math, Mysore on 18-08-2022.
	Nithya R from 1st year MBBS - 2021 batch presented Poster on Tetralogy of Fallot- CHANTCON 2022.
	Nithya R from 1st year MBBS - 2021 batch participated Histo- Art competition conducted as part of Anatomy National level online competition for undergraduate students organised by department of Anatomy, MES Medical college, Perinthalmanna, Kerala
	- Shreya Vakharia first year MBBS had participated in the U fest debate competition and won 2nd prize - She had participated in the Model UN Assembly organized as a part of JSS- National Undergraduate medical conference-Asclepius 2022 on 20th and 21st of October 2022 and won honourable mention prize. - She participated in research methodology and diagnostic skills workshops organized as a part JSS- National Undergraduate medical conference-Asclepius 2022 on 18th and 21st of October 2022 - She has participated in 7th Annual International conference BGCI 2022 organised by JSSMC from 1st – 3rd July 2022.



Khushi Mittal, MBBS phase -1 took part in Azadi ka Amruthamahotsav and got 3rd position.



Ms. Ishika Jindal, 9th term MBBS student participated in Derma Mind Award. She won prize with trophy, certificate and won cash prize of Rs.3000.00/-



Akhtar Zamil, 9th term MBBS had participated in the Asclepius- 2022, National UG conference organised by JSS Medical college, as the Rapporteur for the JSSMC MUN event.



Jyoti Singhania, MBBS Phase-1 had participated in the Elsevier Olympiad and qualified for the merit list.



- Kumud Dhankhar, MBBS 2nd year, had participated in "Occam's Razor- pre and paraclinical quiz" in Asclepius 2022 along with Saurabh Maheshwari (MBBS 2nd year) and secured 1st position.
- He presented the research work in Asclepius 2022 on the topic "Knowledge, attitude, and perception of the general public towards the impact of hemoglobinopathies on pregnancy outcomes- A survey-based study"



- Vaidehi Ajay 1st year MBBS - 2021 batch participated Histo Art competition conducted as part of Anatomy National level online competition for undergraduate students organised by department of Anatomy, MES Medical college, Perinthalmanna, Kerala
- She participated Poster making competition conducted as part of An-Art-Omy National level online competition for undergraduate students organised by department of Anatomy, MES Medical college, Perinthalmanna, Kerala
- She participated in Asclepius events and was a delegate in JSSMCMUN (model united nations) and won honorable mention.



Ria Goel, 2nd Year MBBS, had presented case in Asclepius-2022, JSS National UG conference organised by JSS medical college, Mysore on 18th to 23rd October 2022.



Ananya Awadhesh Thaker, and Anubhuti Agarwal, 2nd year MBBS have attained the 2nd place in Pre and Para-Clinical Quiz in Asclepius in 2022, JSS National UG conference organised by JSS Medical college, Mysore on 18th to 23rd October 2022



- Anjali Chandra Adari participated and won 1st place for poster in "Chantcon 2022" conference hosted by Chettinad academy of research and education. Poster title "Congenital Diaphragmatic Hernia Associated with Atria Septal Defect".



- She presented a poster at 22nd KCAACON2022 – HIMS poster title "multiple variations in the ventral branches of abdominal aorta and its clinical importance - A case report".



- Hemant Kumawat and Praneet of 1st MBBS participated in the UG quiz competition on the occasion of world anatomy day at MSRamaiah Medical College.
- He participated young dissector competition conducted as part of Anatomy National level online competition for undergraduate students organised by department of Anatomy, MES Medical college, Perinthalmanna, Kerala.
- Hemant Kumawat of 1st MBBS got selected for the second round for EBSO (Elsevier Basic sciences) Olympiad.



- Nilanjana Dutta from 3rd year MBBS had participated in Asclepius 2022 Clinical Quiz held on 19th October, 2022.
- She had participated in Asclepius 2022 Clinical case presentation held on 19th October, 2022.
- She had participated in NEUROFEST 2022: NIM-HANS Academic conference and took part in the Neuroradiology workshop on 30th October, 2022.



Ram Charan, MBBS 3rd year part 1, MBBS student participated in Tatvam Poetry competition and got 1st place.



Pravallika Rao, from 1st year MBBS - 2021 batch participated young dissector competition conducted as part of Anatomy National level online competition for undergraduate students organised by department of Anatomy, MES Medical college, Perinthalmanna, Kerala.



Sona Sudi, from 1st year MBBS - 2021 batch participated young dissector competition conducted as part of An-Art-Omy National level online competition for undergraduate students organised by department of Anatomy, MES Medical college, Perinthalmanna, Kerala.



She participated and won 1st place for poster in "Chantcon 2022" conference hosted by Chettinad academy of research and education. Poster title "Congenital Diaphragmatic Hernia Associated with Atria Septal Defect"



She presented case in Crime scene investigation, Asclepius-National UG conference organised by JSS medical college, Mysore.

She had presented case in Pre & para clinical quiz in Asclepius-National UG conference organised by JSS medical college, Mysore.

She secured high commendation position in Model united nation event of Asclepius- 2022, National UG conference organised by JSS Medical college, as the Rapporteur for the JSSMC MUN event.

She had presented case in Townhall: Digital health & AI in Asclepius-National UG conference organised by JSS medical college, Mysore



Dyuksha Arora, 5th term had presented poster titled "Diaphragmatic Hernia- A Review" in "Chantcon 2022" conference hosted by Chettinad academy of research and education.

She participated in World AIDS day poster making competition under JSS school of public health



She participated in essay competition on 'Need of the hour- Uplifting women is uplifting humanity' got selected as National Officer for Research, AM-SEP India and was Joint Secretary and member of core committee, Asclepius'22



- Kaustubh Gaur participated in AMSACON 2022 held at Amritsar from 6-10 July 2022.
- He participated in IMA state level quiz and secured 2nd position
- He presented paper at 2nd online international conference on traditional and alternative medicine.
- He participated in the “The telephone and telemedicine in clinical medicine: An instrument of opportunity and Risk during august 2022 organised by The Harvard Medical School.
- He was awarded best crisis solver in Forensic medicine on 8th November 2022 by University of Oxford
- He has completed training in Digital health and health care quality during October – November 2022 by Kings College of London.



Aman Kumar Singh and Mohammed Adnan Ibrahim from MBBS Phase 1 participate in Tatvam events and won the 2nd place in the anime quiz this time

JIPMER SPANDAN – 31st August to 4th September 2022

- Sreya Tejasvi and Pallavi Agarwal, from 3rd term MBBS participated in a literary event named Cryptic crossword
- Kumud Dhankhar, 3rd term MBBS, participated in Creative writing as well as Flash Fiction
- Shiv Sawhney and Shubhi, 3rd term MBBS participated in Cryptic crossword
- Shiv Sawhney, 3rd term MBBS Turncoat debate on topic “Children should earn their own allowance and Shipwreck
- Nandini Gupta and Vatsala Verma, 8th Term MBBS participated in Cryptic crossword
- Riti Gireesh, 8th term participated in the event Malarkey, held on the 31st of August 2022
- Shreyas Eswaran, 8th Term participated in formal Debate event, Cryptic crossword, general quiz.
- Parth Rangan, 6th Term MBBS participated in general quiz.
- Dhruv Vasa, Sehjal Sandhar and Sharanya Bose, 3rd term MBBS participated in Potpourri and won 2nd prize.

Samarthya magazine Cover page competition 2022-2023



For the college magazine SAMARTHYA 2022-23, Literary and magazine committee had announced cover page and logo competition for the students in the month of November 2022 and there were good number of submissions for the same. The submissions were reviewed by the committee and participants were awarded certificates. Entries were designed based on the theme "Holistic Health- need of the hour". Dr.H.Basavana Gowdappa, Principal, Dr.Suma M.N., Vice Principal (Pre clinical), Dr.Manthappa M, Vice Principal (Clinical), Mr.S.R Satish

Chandra, Administrative officer, JSS Medical College Dr.Tejasree A, Chairman, Dr.Pushpa N.B., Member secretary and members of the literary and magazine committee Dr.Shashidhara KC, Dr.Adarsh T, Dr.Kusuma K.S., Dr.Amoghashree, Dr.Nagashree V were present during the occasion. Entries by Krishna Rajmohan and Drish Vasa were selected to finalize the cover page.

WHO conference at the General Assembly of United Nations Headquarters, New York City



Sarada Samanta, 9th Term MBBS student, participated in WHO conference at the General Assembly of United Nations Headquarters, New York City on 26.03.2023. Topic: Building national capacities for health emergencies and disaster management and health system resilience. Attended by thousands of young leaders from around the world, where she represented India, all coming together to discuss the ongoing issues faced in our world and to explore possible solutions. The guest speaker was Mr. Boris Tadic, Ex President of Serbia and had a panel

discussion on geopolitics.

Team Member 1		Team Member 2	College
Soham Bhatnagar	Akhilashree Keshava	RISHIK, Paderborn	
Aarav Bhatnagar	Tarunika Mishra	ADSSD, New Delhi	
Aashvi D'Souza	Karish Garg	ADSSD, New Delhi	
Maheshwar Gupta	Ashish Parit	VASCO, New Delhi	
Ashika Kulkarni	Vandana Verma	MSBC, Chennai	
Mr. Vignesh	Mr. Vignesh	MSBC, Chennai	
Shrey Joshi	Deepanshu Singh	ADSSD, Pune	
Aravind	Vignesh	LEADS, New Delhi	
Aarav Verma	Ashish Garg	VASCO, New Delhi	
Om Shah	Megha	ESAC, Ahmedabad	
Hemantika	Hemantika	RISHIK, Paderborn	
Pranav	Vignesh	ADSSD, New Delhi	
Zaid Saif Zaid Khan	Sangeetha Shrivastava	RISHIK, Paderborn	
Madhavan S	Vignesh	MSBC, Chennai	
Disha Bansal	Hemantika Parit	JAGSRI, Bangalore	
Rishav Aggarwal	Aravind Kulkarni	MSBC, Chennai	
Kishan S	Vignesh	MSBC, Chennai	
Aashika Datta	Shikhar Chandra	ESGHS, Lucknow	
Pooja Singh	Aashika Verma	ADSSD, New Delhi	
Ashika Chhabra	Shrey Joshi	ADSSD, New Delhi	
Aaravika Suresh	Shrey Joshi	RISHIK, Paderborn	

Insight 2023 conference at AIIMS Delhi.

Shiv Swaney and Drish Vasa 7th term MBBS students had participated in a Palpable Thrills Junior (Pre and Para Clinical quiz at AIIMS Delhi and were qualified for the written final round.

Insight 2023 conference at AIIMS Delhi.

Shiv Sawhney also attended Laparoscopy, Radiology, Surgical Skills workshops at Insight 2023 conference at AIIMS Delhi.



Graduation Day - Release of College Magazine



Annual college magazine Samarthya 2022-23 was released on 19th April 2023 Divine Presence of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji by Dr.C.G.Betsurmamath (Executive Secretary JSS Mahavidyapeetha). Dignitaries present during the occasion were Dr. Prathima Murthy (Director, NIMHANS, Bangalore), 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.CP 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.Teashree A (Chairperson – Literary & Magazine committee) Dr.Pushpa.N.B. (Member secretary, Literary & Magazine committee) , Dr.Adarsh T, Mr.Pulastya Gangopadhyay.

Institutional Accomplishments

The Times Higher Education Impact Rankings 2023

3 GOOD HEALTH AND WELL-BEING Rank in India: First Global Ranking: 16th Participating Institutions: 1218	1 NO POVERTY Rank in India: First Global Ranking: 65th Participating Institutions: 876	
15 LIFE ON LAND Rank in India: Third Global Ranking: 100-200 Rank Participating Institutions: 586	2 ZERO HUNGER Rank in India: Fourth Global Ranking: 201-300 Rank Participating Institutions: 647	6 CLEAN WATER AND SANITATION Rank in India: 15th Global Ranking: 201-300 Rank Participating Institutions: 702
10 REDUCED INEQUALITIES Rank in India: 2nd Global Ranking: 201-300 Rank Participating Institutions: 901	17 PARTNERSHIPS FOR THE GOALS Rank in India: 6th Global Ranking: 301-400 Rank Participating Institutions: 1625	8 DECENT WORK AND ECONOMIC GROWTH Rank in India: 9^h Global Ranking: 401-600 Rank Participating Institutions: 960

 Rank in India: 23rd Global Ranking: 401-600 Rank Participating Institutions: 873	 Rank in India: 18th Global Ranking: 401-600 Rank Participating Institutions: 735
 (DEEMED TO BE UNIVERSITY) MYSURU	Rank in India: Seventh Global Ranking: 301-400 Participating institutions: 1519/HEIs from 115 Countries/Regions
We at JSS Medical College Support Sustainable Development Goals	

SCIMAGO Institutions Rankings (SIR)-2023 (Schematic representation)

 Epidemiology 6th Rank	 Psychiatry and Mental Health 6th Rank	 Obstetrics and Gynecology 10th Rank
 Otorhinolaryngology 12th Rank	 Oncology 19th Rank	 Forensic Medicine & Pathology 14th Rank
 General Surgery 18th Rank		

Outlook-ICARE Rankings 2023

 RANKING 2 Among Private Medical Colleges in India	Rank	2
	Name of Institution	JSS MEDICAL COLLEGE, MYSORE
	Academic & Research Excellence (250)	386.78
	Industry Interface & Placement (250)	182.31
	Infrastructure & Facilities (200)	122.85
	Governance & Admissions (150)	86.49
	Diversity & Outreach (150)	86.49
	TOTAL SCORE (1000)	893.17

National Institution Ranking Framework – 2023

JSS Medical College is ranked 37th in NIRF Ranking for the year 2023 out of 176 participating Institutions



Publications

1. Sangeetha S R, Manoj K Pandey. Demographic and occupational correlates of job satisfaction and work efficiency in police personnel. *High Technology Letters*. 2022 Jul;28(4):202-215.
2. M Mathew, J Lucca, R Raman, Dr Ramesh Madhan. Cognitive Impairment Among Patients with Alcohol Use Disorders: An Observational Study from South Indian Teaching Hospital. *Value in Health*. 2022 July;25(7): S319.
3. Preethi R Bhat, Stavelin Abhinandithe K, Madhu B, S Balasubramanian, Sahana K S. Analysis of Road Accidents In Kerala, India, Using Data Mining Techniques. *International Journal of Biology, Pharmacy and Allied Sciences*. 2022 Oct;11(9):1-14.
4. Faiyaz Shakeel, Shahid Ud Din Wani, Mansour Almuqbil, Sultan Alshehri, Seema Mehdi, Kishor M, Atiqulla Shariff, Mohammad T Imam, Krishna K L. Analysis of Antidepressants Utilization for Patients Visiting Psychiatric Out-Patient Clinic in a Tertiary Care Hospital. *Healthcare (Switzerland)*. 2022;10(10):1-13.
5. Lakshmikanth S Reddy, Chandrakanth H V, Kumar Pooswamy, Usha Hegde, Vidya Gowdappa Doddawad, Priyanka Nitin, Balaraj B M, Nagabhushana Doggalli. Histological Assessment of Cellular Changes in Post-Mortem Keratinised And Non-Keratinised Oral Epithelial Samples At Different Time Intervals. *Journal of South India Medicolegal Association*. 2022 Sep;14(2):95-103.
6. Sathyanarayana Rao T S, Nilesh Shah, Chittaranjan Andrade. Marital Rape in India. *Journal of Psychosexual Health*. 2022;4(4):221-222.
7. Sarosh Sarwar, Johanna S Canenguez Benitez, Ramaswamy Sundararajan. Advantages and Disadvantages of Using St. John's Wort as a Treatment for Depression. *Cureus*. 2022 Sep;14(9):e29468.
8. B R Sahithya, B N Roopesh, Mr Rithvik S Kashyap. Stress, mental health, and resilience during the COVID-19 pandemic lockdown: Preliminary findings of an online survey in India. *Journal of Mental Health and Human Behaviour*. 2022;26(2):100-108.
9. Ikenna D Ebuonyi, Steven Jones, Murali Krishna., Harshini Suresh, Nihar Mal, Sumanth M Majgi. Screening for mental illness using GMHAT App of patients with Type 2 diabetes mellitus at a teaching institute hospital in India – A cross sectional study. *Journal of Family Medicine and Primary Care*. 2022 Oct;11(10):5924-5929.
10. Praveen S, Vinay J, Hugar B S, Jayanth S H. The forensic evaluation of burnt human remains - A case report. *Journal of Indian Academy of Forensic Medicine*. 2022 Dec;44(2):105-108.
11. Ms Seema Mehdi, Dr Kishor M, Atiqulla Shariff, Nabeel Kinattingal, Shahid Ud Din Wani, Sultan Alshehri, Mohammad T Imam, Faiyaz Shakeel, Kamsagara L Krishna. Omega-3 Fatty Acids Supplementation in the Treatment of Depression: An Observational Study. *Journal of Personalized Medicine*. 2023 Jan 27;13(2):224.
12. Ms Patteswari D, Dr Rajesh Raman, Rithivik S Kashyap, Murali Krishna TN, Manoj K Pandey. Impact of Parental Deprivation and Psychological Well-Being among Adolescent Orphans: A Systematic Review. *Journal for ReAttach Therapy and Developmental Diversities*. 2023 Jan;6(s1):125-139.

13. Meghana Narendran, Dr Renuka M, Dr Narayana Murthy M R. Loneliness, social support networks, mood, and well-being among the community-dwelling elderly, Mysore. *Indian Journal Of Medical Specialities*. 2023 Jan;14(1):37-41.

14. Emily Bebbington, Rob Poole, Anne Kraye, Sudeep Pradeep Kumar, Murali Krishna, Peter Taylor, Keith Hawton, Dr Rajesh Raman., Mohan Kakola, Dr Madhu Srinivasarangan, Catherine Robinson. Establishing Self-Harm Registers: The Role of Process Mapping to Improve Quality of Surveillance Data Globally. *International Journal of Environmental Research and Public Health*. 2023 Feb;20(3):1-15.

15. Pradeep Kumar P C, Sojan Antony, Pratima Murthy, A Thirumoorthy, Mariamma Philip. Association of Social Network Characteristics with Substance Use among College-Going Young Adults: A Cross-Sectional Study. *Indian Journal of Psychological Medicine*. 2023 Mar;45(2):155-161.

16. Tanya Seshadri, Nandini Velho, Giridhar R Babu, Prashanth N Srinivas, C Madegowda, Yogish Channabasappa, Sumanth Mallikarjuna Majigi, Dr Deepa Bhat. Response to correspondence article on the research protocol titled Towards Health Equity and Transformative Action on tribal health (THETA) study to describe, explain and act on tribal health inequities in India: A health systems research study protocol [version 1; peer review: awaiting peer review]. *Wellcome Open Research*. 2023;8(155):1446-1456.

17. Manoj Kumar Pandey, Dr Sathyanarayana Rao T S. Sexuality Education in India Yet Remains a Taboo—An Attempt to Dust-Off. *Journal of Psychosexual Health*. 2023;5(1)11-12.

18. Aakash Pavan Kumar, Dr Nayanabai Shabadi, Bikram Sinha Roy, Anchu R Nath, Mr Arun Gopi. Association of Physical Activity and Screen Time Usage of Adolescents in Rural Areas of Mysore. *Digital Journal of Clinical Medicine*. 2023;5(1):1-8.

19. E Anjuga Elavarasi, Dr Smitha M C, Manasa Kenchegowda, B N Kruthika. Depression and stigma experience among patients with tuberculosis in urban and rural settings. *Indian Journal of Tuberculosis*. 2023 Mar 29.

20. Yara A Alnashwan, Syed Sarhad Javaid, Haneil Larson Dsouza, Alok Atreya, Ahmed Mustafa Rashid, Dr Arun M, Ritesh George Menezes, Magdy A Kharoshah. Incidence and Comparison of Suicide in Various Phases of the Menstrual Cycle: a Systematic Review and Meta-analysis. *Acta Informatica Medica*. 2023 Mar;31(1):76-83.

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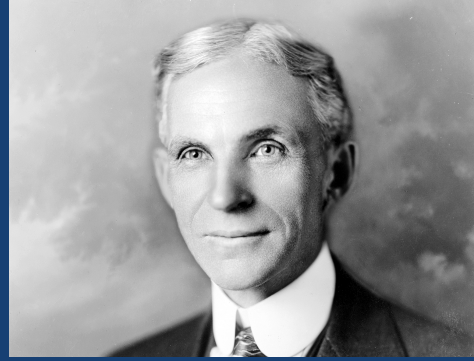
22. Lakshmi Nagendra. The View from Here: A Woman Early Career Endocrinologist in India. *Indian Journal of Endocrinology and Metabolism*. 2023 Mar-Apr;27(2):115-117.

23. Manoj K Pandey. An exploration of psychological distress, work efficiency, and job satisfaction among police personnel of Mysuru district. *High Technology Letters*. 2023 Feb;29(2):177-195.

17 **PARTNERSHIPS FOR THE GOALS**



**Strengthen the
implementation
and revitalize the
global partnership
for sustainable
development**



**“Coming together is
a beginning; keeping
together is progress;
working together is
success.”**

-Henry Ford

Contributors



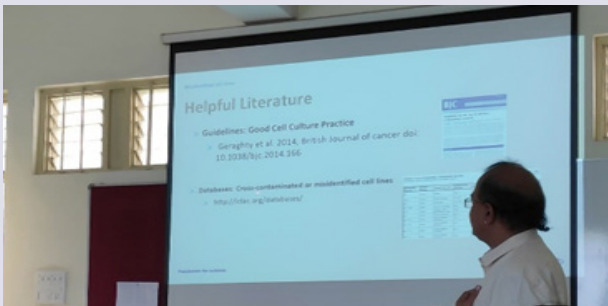
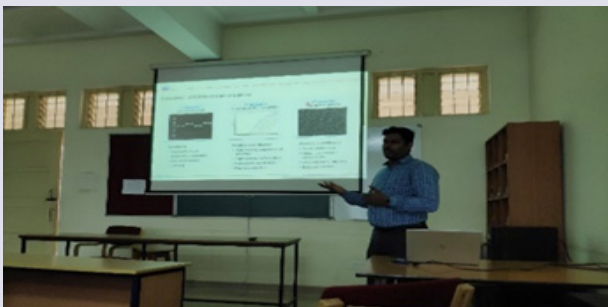
Dr Kavya G U
Senior Resident
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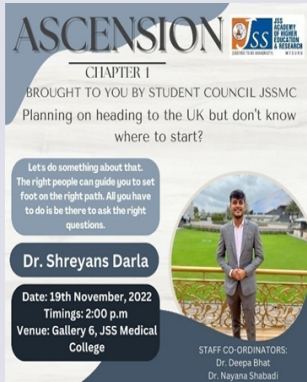


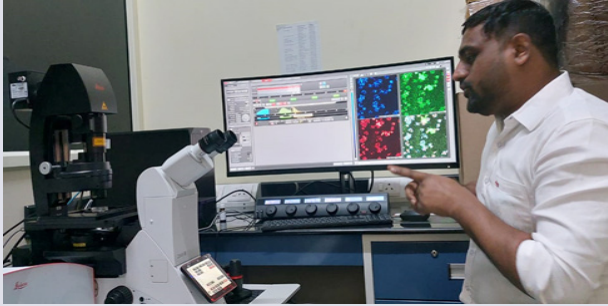
Dr Smitha M C
Associate Professor
Dept of Com Medicine

COLLABORATIVE ACTIVITIES

GUEST LECTURES

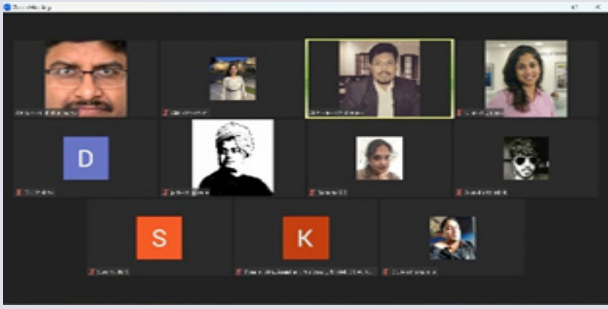
Date	Guest Speaker	Topic / Organizing Department	Photographs
11 th July 2022	Dr.Siddramappa Jagdish Patil , Senior Consultant in Clinical Genetics at Mazumdar Shaw Medical Centre / Narayana Hrudayalaya Hospitals, Bangalore	“Utility of Genetics in Clinical Practice” was organized by Dept. of Paediatrics	
12 th July 2022	Dr.Sandesh Shivananda , Consultant Neonatologist, Vancouver, Canada	“Early warning signs in Neonatal care” was organized by the Department of Pediatrics	
15 ^h July 2022	Mr. Babu Padmanabhan , Head, Director - Business Development, Eppendorf India Pvt Ltd	Good Laboratory Practice (GLP) & Cell Culture Workflow organized by Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC)	
28 ^h July 2022 & 15 th Dec 2022	Mr. Hemanth Medidhi , Sales Application Specialist QIAGEN India Pvt. Ltd	QIAcuity Qiagen Digital PCR organized Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC)	
3 rd Aug 2022	Dr.Gyongyi Sazbo , Professor of Medicine and Faculty Dean for Academic Affairs, Harvard Medical School, USA, Chief Academic Officer, Beth Israel Deaconess Medical Center and Beth Israel Lahey Health, Boston (MA), USA	Going the Harvard Way – What makes Harvard one of the topmost universities and sharing thoughts with faculty members of JSSAHER.	 

4th to 5th August 2022	Dr. Amalan Kanti Ghosh Senior Application Scientist, Becton Dickinson India Pvt Ltd	Post Installation Training Program for Flow Cytometer (BD FACS Lyric) organized by Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC)	 
29-08-2022	Dr. Ashish Shetty, FRCA, FFPMRCA, Honorary Associate Professor, UCL Regional Advisor in Pain Medicine, Consultant Lead in Pain Medicine, National Hospital for Neurology & Neuro Surgery, University College London Hospitals, London	Presentation on Chronic Pain & Neuromodulation.	   
19th October 2022	Dr Shreyans R Darla (MBBS Batch of 2016)	Ascension chapter -1 Planning on heading to the UK but don't know where to start	
11 th & 12 th January 2023	Dr.Senthilnathan Senguttuvan, Manager-Applications, Qiagen India Pvt. Ltd.	"Introduction to Digital PCR" organized by Department of biochemistry, special interest group on cancer biology and cancer stem cells (CBCSC) & Human genomics & rare disorders (SIG-HGRD), JSS Medical College	   

12 th January 2023	Mr.Sunil Kumar S., Manager-Speciality Services Eppendorf India Private Limited and Mr.Bharath Kumar, Sr Eppendorf Territory manager for pipettes and consumables were the key resource persons for the event	Eppendorf Pipette Calibration (EPiC) program organized by The Department of Biochemistry & Special Interest Group on Human Genomics & Rare Disorders (SIG-HGRD), JSS Medical College	 
13 th January 2023	Dr. Matam Vijay-Kumar, Professor and Director, The University of Toledo College of Medicine & Life Sciences, Toledo	The Iron Tug-of-War between bacterial siderophores and innate immunity organized by Department of biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College	
28 th January 2023	Dr.Suhas Chandran, Asst. Professor, Child & Adolescent Psychiatry, St. John Medical College, Bangalore	Paradigm shift in autism spectrum disorders- Focus on recent advances in diagnosis & management	
7 th February 2023	Mr. Sujoy Dey-Application Specialist, Leica Microsystems. Ltd. Mr. Rahul sales and Application specialist	Demonstration of Confocal Microscope organized by Department of biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, JSS Academy of Higher Education & Research, Mysuru	
9 th Feb 2023	Dr.Girish Gupta, Consultant Hand and Microvascular Surgeon, Narayana Hospital, Jaipur	Clinical Discussion & presentation of Hand and Microvascular Surgery, organized by Dept. Orthopaedics	

24 th Feb 2023	Dr.Anant Khot , Associate Professor at AIIMS, Nagpur.	Management of Medication Error organized by the Department of Pharmacology, JSS Medical College, Mysore	
24 th March 2023	Dr.Niti Jetly -Application Specialist, Molecular Devices delivered a talk	Complete Solution for Automated Imaging and High Content Screening – Image Xpress Confocal HT.ai System” organized by Department of biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, Mysuru	
24 th March 2023	Mr.Amal George - Regional sales manager, Abbott Company.	An introductory lecture on hematology analysers in the Department of Pathology	
13 th May 2023	Dr.K.Girish , Professor, Department of Studies and Research in Biochemistry, Tumkur University	Blood cells and redox system: key players in regulating human diseases organized by Dept. of Biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, JSSAHER.	

15 th May 2023	Dr.A.Selvam , Chennai.	Management of Vascular lesions in Dermatology” organized by The Department of Dermatology	
22 th May 2023	Dr.K.Kemparaju Professor, Dept. of Studies in Biochemistry, University of Mysore. He	Echis carinatus venom-induced sustained tissue destruction, understanding the mechanism organized by Dept of Biochemistry & special interest group on cancer biology and cancer stem cells (CBCSC), JSS Medical College, JSSAHER, Mysuru	
18 th June 2023	Dr. Anna Pulimood , Professor of Pathology, former Principal of CMC, Vellore	Guest Lecture – Slide Seminar	
21 st June 2023	Sooryanarayana Varambally , Professor, Department of Pathology, University of Alabama at Birmingham.	Cancer Biomarker and Therapeutic Target Discovery using UALCAN Platform organized by The Special Interest Group on Human Genomics & Rare Disorders (SIG-HGRD), JSS Medical College and Hospital, JSSAHER, Mysuru	
21 th June 2023	Dr.Manjunatha.C.H , Professor, Dept.of Pharmacology Pondicherry Institute of Medical Sciences, Pondicherry	A guest lecture on topic Pharmacokinetics was held at Department of Pharmacology, JSS Medical College, Mysore	

26 th June 2023	Dr.Elizabeth Frank , Entrepreneur, Medical Biochemist, Researcher, Lab Management Consultant, working with a software group as a domain expert to build AI based clinical decision-making tools and a lab management tool.	Invited lecture on the topic “What, Why and How of Drug Abuse” organized by Dept. of Forensic Medicine as a part of International Day against Drug Abuse and Illicit Trafficking observation	
26 th June 2023	Mr.Abhishek from Tosoh	Online session to introduce the Tosoh HPLC G8 and G11 analyzers The Department of Biochemistry, JSS Medical College in collaboration with Tosoh	

CONFERENCE/ WORKSHOP/ CME/ SYMPOSIUM ORGANIZED IN COLLABORATION

Date	Organizers	Event	Photographs
1st to 3rd July 2022	The Board of Genetic Counselling, India in collaboration with JSS Medical College, JSS Academy of Higher Education and Research, Mysore Karnataka.	7th Annual International conference in hybrid mode	
15 th July 2022	JSS Skill and Simulation Centre In association with Raymedi International affiliated to IBMS	ECG Workshop	
16 th July 2022 & 10 th Aug 2022	As a part of India Alliance Wellcome Trust project , funded to JSSMC with IPH and IIPH Bangalore, training organized at JSS Skill and Simulation Centre	Phlebotomy Training	
22 th July 2022	JSS Skill and Simulation Centre In association with Raymedi International affiliated to IBMS	Essential Nursing Critical Care (Encc) Workshop	

24 th July 2022	Department of OBG in association with Mysuru OBG Society.	NDVH (Non descent vaginal hysterectomy) & PPH Workshop	
20 th & 21 st August 2022	Department of Orthopaedics, JSS Medical College & Hospital, JSS Academy of Higher Education & Research, under the aegis of Indian Orthopaedics Association	National level 'IOA Cadaveric Skill Course on Pelvis & Acetabulum (Soft & Hard skill)	
24 th August 2022	Department of Orthopaedics, JSS Medical College & Hospital, JSS Academy of Higher Education & Research, under the aegis of Mysore Orthopaedics Association.	Basic Knee And Shoulder Arthroscopic Simulation And Cadaveric Workshop	
02 nd Sep 2022	In association with Rayme-di International affiliated to IBMS	Essential Nursing Critical Care Workshop	
27 th September 2022	Department of Geriatrics and Department of Pharmacology in association with Alzheimer's and Related Disorders Society of India (ARDSI) and JSS Senior Citizen Helpline	CME on "Elderly Awareness Of Healthy Ageing And Rejuvenation" With The Theme "Know Alzheimer's Know Dementia 2022"	
15 th Oct 2022	Department of Paediatrics in association with Mysore city OBG association.	Basic NRP Workshop For Obstetricians In Mysore	
16 th of October 2022	Department of Dermatology, in collaboration with IADVL academy and Executive Committee (EC) along with Special Interest Group (SIG) Pigmentary Disorders.	CME on Pigmentary Disorders Theme: FacialHyperpigmentation- An Update	

4 th & 5 th Nov 2022	Workshop conducted in association with Laerdal medical India.	Advance Life Support in Obstetrics course workshop	
21st to 23rd Nov.2022	The Department of Biochemistry and Department of Medical Genetics, JSS Medical College and Hospital, co-organized by JSS Academy of Higher Education and Research, Mysuru, Karnataka, India & UK India Genomic Medicine Alliance Indo UK Genetic Education Forum with partial Funding from (DST-PURSE).	5th International Conference on Birth Defects (ICBD 2022) on the theme of "Precision Medicine for Birth Defects"	 
7 th Dec 2022	Department of Community Medicine, JSS Medical College, Mysuru in collaboration with Department of Studies in Food science and nutrition, University of Mysore, Mysuru and Department of Nutrition and Dietetics, School of life sciences, JSS Academy of Higher Education and Research, Mysuru	Pre- conference Workshop on Nutritional Assessment in National conference, MY NUTRICON 2022	 
8th & 9th Dec 2022	Department of Community Medicine, JSS Medical College, Mysuru in collaboration with Department of Studies in Food science and nutrition, University of Mysore, Mysuru and Department of Nutrition and Dietetics, School of life sciences, JSS Academy of Higher Education and Research, Mysuru	National Conference on public health nutrition MY NUTRICON – 2022	 

02 nd to 8 th Jan 2023	Department of Biochemistry	National Level Hands-on Training Program On "Mass Spectrometry" at IISC campus, Bangalore (The DST STUTI Training program)	
05 th Jan 2023 to 7 th Jan 2023	Department of Psychiatry, JSSMC along with SASSM School India, IPS Foundation Day of Indian Psychiatric Society and Karnataka Sexual Sciences Academy	Residential clinical skills training workshop in psychosexual medicine	
6 th , 7 th & 8 th January 2023	The Departments of Medicine, JSS Medical College & MMC & RI, Mysuru	MPMRT Annual Medicine Updates – 2023	
6 th Jan 2023	Pediatric department, JSS Medical college in association with Indian academy of pediatrics.	Advanced Neonatal resuscitation workshop	
22 nd Feb 2023	The Department of Medical Genetics and the Department of Biochemistry, JSS Medical College and Hospital, JSS Academy of Higher Education & Research, Mysuru organized as	pre-conference workshop on "Basic and advanced techniques in pharmacogenomics" (as a part of IPSCON organized by JSS College of Pharmacy, Mysuru)	

17 th March 2023	The department of Anatomy in association with CUTIS academy, Bangalore, GUFIC Biosciences & Department of Dermatology, JSS Medical College.	Face-off Hands on cadaveric & injectables workshop	
18 th March 2023	Department of Community Medicine, JSS Medical College, Mysuru in association with District Tuberculosis Office, Department of Health, and Family Welfare, Mysuru and SIG in Public Health, JSSMC	National CME on Tuberculosis under the theme- Theme: "Yes! We can end TB! - Fundamentals to Advances"	
1 st & 2 nd June 2023	The School of Public Health, JSS Medical College, JSS Academy of Higher Education and Research, Mysuru, in collaboration with the Public Health Research Institute of India (PHRII).	International Symposium – "Swasthyam 2023" Theme: Public Health, Healthy Living, and Sustainable Development Goals	
17 th June 2023	Department of Anatomy, JSS Medical College, JSS AHER, Mysuru in association with Karnataka Chapter of Anatomists	National CME on "Scope of Anatomy in Future"	

CO-CURRICULAR ACTIVITIES

28.07.2022	Dept. of Paediatrics in collaboration with IAP Mysuru branch	The 35 th IAP-UG quiz for 8 th term students	
12 th March 2023	Organization for Rare Disease India [ORDI]. JSS Medical College was part of the organization of the event.	"Race for 7" a marathon to raise awareness on rare genetic diseases	

ACTIVITIES OF ACADEMIC SOCIETY

23-01-2023: Mr.Kishore Doddakula, Clinical Lead & consultant Cardiothoracic Surgeon, Cork University Hospital, Republic of Ireland presented on CALS :Care for patients who need acute cardiac life support post cardiac surgery at SRCA, JSS Hospital

24-02-2023: Dr.Dhvani Mehta, Co-Founder and Lead, Health Vidhi Centre for Legal Policy delivered a lecture on the topic: Legal Framework on End of Life Care in India

03-06-2023: Dr.Jeffrey Klausner, Clinical Professor of Medicine, Infectious Disease Population and Public Health Sciences, KECK School of Medicine, University of Southern California, USA delivered a lecture on Drug resistant infections on 03-06-2023 at SRCA.

07-06-2023: Advanced Lung Disease and Lung Transplantation – When to Refer? – was presented by Dr. Manjunath M.N., Consultant Interventional & Transplant Pulmonologists and Perioperative critical care in lung transplantation and ECMO as a bridge to transplantation was presented by Dr.Anoop M., Consultant Cardiothoracic Anaesthesia and Critical Care. This was followed by talk on Surgical aspects in Lung Transplantation Dr.Mahesh B.N., Consultant Cardiothoracic and Vascular Surgery, Overview of Lung Transplantation – Case scenarios by Dr.Manjunath M.N and Dr Anoop M spoke on "Our journey in thoracic organ transplantation" on 07-06- 2023 at SRCA, JSS Hospital. Resource Persons were from KIMS, Hyderabad. All these sessions were chaired by Dr.Shyam Prasad Shetty, Deputy Director (Clinical), Prof. & HOD of CTVS, Dr.B.S.Jayaraj, Prof. & HOD of Respiratory Medicine, Dr.Lakshmi Narasimhan R., Consultant Pulmonologists, Manipal Hospital chaired the session.

HEALTH CAMPS CONDUCTED IN COLLABORATION WITH OTHER AGENCIES

World Food Day 2022 - 18th October 2022: A health awareness programme and free health checkup camps were organized in Rajarajeshwari nagar, Bamboobazar on 18th October 2022. Programme was organized in Anganwadi in coordination with Sri Darmasthala Manjunatheshwara sthree sanga.

NSS HEALTH CAMP REPORT – 26-07-2022: SPOORTHY ladies wing of the builders' association of "Builder's Association of India" (BIA) has conducted a health check-up camp at Dattagalli, Mysuru. under the aegis of JSS Medical College, Academy of Higher Education and Research, NSS wing, Mysuru on the 26th of July 2022, held from morning 11 AM-4 PM.

SCIENCE EXPO-2022 – 09-07-2022: organised by **Mysore Science Foundation (MSF)** as part of its Decennial celebrations at Sadvidya Semi-residential PU College in Vijayanagar Second Stage, Mysuru on 09/07/2022. **Gross human anatomy specimens** (cardiovascular system, respiratory system, genitourinary tract, gastrointestinal tract) and **plastination specimens** from the Department of Anatomy, JSS Medical College, Mysuru were exhibited

World Tuberculosis Day was observed by Department of Community Medicine, JSS Medical College, JSS AHER, Mysuru in association with the JSS Nursing College, Mysuru at JSS Urban Health Centre, Medar Block, Bamboo Bazar, Mysuru on 23.03.2023.



International NASH Day/NAFLD: The School of Public Health, in collaboration with the Department of Gastroenterology at JSS Medical College and Hospital, JSS Academy of Higher Education and Research (JSSAHER), organized a grand Walkathon to raise awareness about International NASH Day/NAFLD in front of Mysuru Palace's Kote Anjaneya Temple on 24th June 2023.



International Day against Drug Abuse and Illicit Trafficking – 26th June 2023_observation by the Dept. of Forensic Medicine. Mr. Sam Varghese, Director, Leader Impact, Mysuru introduced the participants to Drug Awareness Photo Contest - Focus Life, organised by Leader Impact and Character Solutions International in partnership with Students in Touch. The said photo contest intended to raise awareness among college students regarding growing menace of drug mafia.

ABSTRACT OF CME / SEMINAR / CONFERENCE /CONDUCTED / ATTENDED BY THE FACULTY

International Conferences / workshop conducted	National Conferences / workshop conducted	State Conferences / workshop conducted	Guest Lectures conducted	CME, conferences attended by the faculty(Webinar) State/National/ International	Academic/ Industrial experts / adjunct faculty visits
2	11	10	13	1107	17

INTERNATIONAL VISITS BY FACULTY/STUDENTS



Mrs.Nishitha R Kumar, PhD Scholar, Department of Biochemistry presented a paper on the titled “Genomics of MDR Escherichia coli and Klebsiella pneumoniae reveals antibiotic resistant genes and virulence factors from clinical isolates of sepsis patients” on 17th to 20th April 2023 at the Birmingham International Convention Centre, United Kingdom.



Dr.Prathibha Pereira, Professor & Head, Department of Geriatrics chaired a session during international geriatric conference ‘Silverage 2023 at Sri Lanka on 26th & 27th May 2023



Dr.Manjunt S Shetty, Prof & HOD, Dept. of Nephrology presented a poster titled “Assessment of LV function with speckle – tracking echocardiography vs conventional 2D echocardiography & its correlation with soluble suppression of tumorigenesis biomarker in patients with chronic kidney disease” at International Society of Nephrology, Thailand, 30th March to 2nd April 2023.



Dr.Sowrabha Rajanna, Asst.Prof, Dept. of Nephrology presented a poster titled “Changing trends in pregnancy related acute kidney injury – a single centre prospective observational study from Southern India” at International Society of Nephrology, Thailand, 30th March to 2nd April 2023.



Sarada Samanta, 9th Term MBBS student, participated in WHO conference at the General Assembly of United Nations Headquarters, New York City on 26.03.2023. Topic: Building national capacities for health emergencies and disaster management and health system resilience.

ACADEMIC / INDUSTRIAL EXPERTS / ADJUNCT FACULTY VISITS

ESTEEMED VISITORS TO JSSAHER SKILL & SIMULATION CENTER



KINILL KRINKAN AND TEAM SPB ETU RUSSIA



DR. VIVEK SAOJI AND DR. S. RANGA SWAMY, EMINENT EXPERTS



DR. UMESH NAGALOTIMATH



DR. ANUPAM PODDU



DR.T.S. RAO AND PROF.BEJOANKUMAR MISHARA



DR. SHIMPA SHARMA, IQAC TEAM



TEAM SRI DEVI MEDICAL COLLEGE , TUMKURU



DR. BALA BASKARAN AND TEAM FROM, VIMS, BELLARY



Dr. NADHEER GUPTA -TECHNICAL OFFICER PHARMACEUTICALS, WHO NEWDELHI(14.02.2023)



Dr. RAVIKIRAN KISHAN MEU COORDINATOR KIMS MADIKERI (8.02.2023)



DR. MUKESH KUMAR -FORMER HEAD IHCHRD (21.03.2023)



DR. SATHEESH K BHANDARY-VICE CHANCELLOR NITTE DEEMED UNIVERSITY (04.03.2023)



DR. SHASHI BALA SINGH-DIRECTOR NIPER, HYDERABAD(15.03.2023)



DR. K. G DESAI -GSK, COLLEGEVILLE, USA(06.04.2023)



DR. V BALA MURUGAN – PRINCIPAL SCIENTIST ,
ICAR-NIVEDI (03.05.2023)



DR. K.T. MADAVAN -PROFESSOR ,EMD, KAN-
NUR(18.05.2023)



DR. VINEET AHUJA, ASSOCIATION DEAN, AIIMS –
NEW DELHI(18.05.2023)



DR TIM MOORE,INTERIM DEAN,HARRISON
COLLEGE OF PHARMACY,AUBURN UNIVERSITY,
USA(31.05.2023)



DR. ATUL KOTWAL – EXECUTIVE DIRECTOR NHS-
RC(01.06.2023)



DR. UMESH KAPIL- NAMS(01.06.2023)



PARLIAMENTARY DELEGATION LED BY HON.MICHELLE ROBERTS , SPEAKER OF WEST AUSTRALIAN PARLIA-
MENT(02.06.2023)

ACADEMIC EXPERTS VISIT

Biochemistry



Prof. Dhavendra Kumar, Honorary senior research fellow, institute of medical genetics, division of cancer & genetics, Cardiff university, university school of medicine, UK Delivered speech/chaired session on various topics during 5th International Conference on Birth Defects held from 21st to 23rd November 2022 at Sri Rajendra Auditorium, JSS Medical College, Mysuru

School of Public Health



Dr. Birke Aenne Martha Ahlfeld, a Medical Doctor from Germany, working as a medical Officer and a Master student shared his perception on Global Health for 1st Semester MPH students on 15th Nov.2022.

Orthopedics

Dr.Srivatsa Boraiah, Consultant Orthopaedic Surgeon, USA shared his experience on Robotics in Arthroplasty to the faculty of department of Orthopaedics on 8th November 2022 in the Orthopaedic Seminar Hall, JSS Hospital, Mysuru



Radio-Diagnosis

Dr. Debjyoti Banerjee, Enmed, Texas A&M University (TAMU) visited, JSS Medical College & Hospital to explore the opportunities on collaboration with regard to joint workshop, Students exchange and research activities between JSS AHER and TAMU from 24th to 27th November 2022.



Forensic Medicine

Dr Jayesh Joseph, Criminologist, Kerala State, Kerala Police Academy and Dr Shivaprasad, Forensic Scientist visited the Dept of Forensic Medicine for interaction with B.Sc Forensic Science students to share knowledge and scope of Forensic Medicine in Crime investigation on 24.06.2022.



Mr. Pavan Mahikar, Scientific Officer, Karnataka State Forensic Science Laboratory, Bangalore was invited for interactive session with the students of B.Sc. Forensic Science, on 4th July 2022. He spoke about careers in Forensic Science Laboratories and the nature of expertise needed. The Question answer session was well addressed.

STUDENT EXCHANGE PROGRAMME



Ms. Anne Laure Vandeveld and **Ms. Suze Lievrouw** from KU Leuven University, Belgium will be pursuing observership at the Department of Paediatrics, JSS Hospital between 12th September 2022 to 8th October 2022 under the mentorship of Dr. Narayanappa, Professor, Department of Paediatrics.

Eight Students from the University of Malaya, Kuala Lumpur, Malaysia completed their observership for a duration of 06 weeks at the JSS Hospital between 31st October 2022 to 8th December 2022 in the department of Paediatrics, Obstetrics and Gynaecology, General Surgery, Nephrology, Gastroenterology, Rheumatology, Emergency Medicine, Cardiology, Cardiothoracic Vascular Surgery and Neurology.



Mr.Benakaraj A.R. in second year medical course in Mari State University, Russia has completed observership at JSS Hospital, Mysuru, Karnataka, India in the department of Radiology, Neurology, General Surgery, Cardiology, ENT between 8th August 2022 to 13th September 2022 each for a duration of one week.



Ms.Navvana From Lady of Fathima University, Manila, Phillipines completed Observership at JSS Hospital between 15th September 2021 to 30th December 2022. Ms.Navvana was posted in in the department of Community Medicine, Ophthalmology, ENT, Psychiatry, and Internal Medicine, Paediatrics, Surgery and Obstetrics and Gynaecology.



Ms.Khushi Dagli from Quinnipiac University, USA is pursued 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 4 weeks from 5th June 2023 to 1st July 2023. She visited Anganwadi centre, and District Rehabilitation Centre, Mysuru to understand the functioning of the centres.



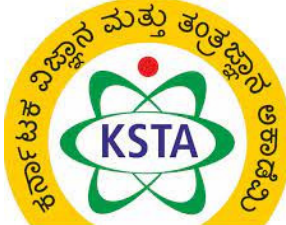
Students from Minnesota Medical School and University, USA visited department of Psychiatry as a part of student exchange programme organised by Vivekananda Institute of Indian Studies, Swami Vivekananda Youth Movement on 4th January 2023

LIST OF COLLABORATING INSTITUTIONS AND INDUSTRIES FOR RESEARCH AND ACADEMIC PURPOSE

<u>INTERNATIONAL COLLABORATIONS</u>			
			 The Genomic Medical Foundation, UK
			
			
			
			
			

WITHIN COUNTRY COLLABORATIONS

EXTERNAL FUNDED PROJECTS

Funding agency	PI Department	Collaborative Departments	Area of Research	Funds in Rupees
Christian Medical College, Vellore	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maharashtra, Gujarat)	Rotasiil Vaccine	8,10,936.00
	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maharashtra, Gujarat)	Rotasiil Vaccine	3,94,632.00
Nidhi Prayas	E.N.T. Dr.Amulya T.M.	College of Pharmacy, Mysuru IISC, Bangalore	Nasal stunts	10,00,000.00
iMERA	Radiology Dr.Vikram Patil	--	MSK Radiographs	10,00,000.00
Novartis	Comm. Medicine Dr.Anil Bilimale	Anatomy Paediatrics	Ambari-Sickle cell disease, Health system project	28,00,000.00
Bodoland University, Assam	Anatomy Dr.Deepa Bhat	--	Cognitive abilities between hydroxy urea treated & untreated SCD children	15,00,000.00
	Anatomy Dr.Deepa Bhat	Comm. Medicine Annupur paras MC, Vadodara	Social Stigma, pain crisis and SCD	1,20,00,000.00
Institute of Public Health Bangalore	Anatomy Dr.Deepa Bhat	Biochemistry	Sickle cell Disease Genotyping of DNA samples (THETA)	4,17,200.00
TIGS	Anatomy Dr.Deepa Bhat	OBG, Paediatrics	Optimizing ex-vivo hematopoietic stem cell culture and gene editing	2,00,000.00
DST	Biochemistry Dr.Rajesh Kumar T.	--	Dyslipidemia	32,81,350.00
	Biochemistry Dr.MVSST Subbarao	--	FIST programme	56,40,000.00
	Biochemistry Dr.Divya P.Kumar	Gastroenterology	AATF in non-alcoholic steato hepatitis	30,00,000.00
	MVSST Subarao	Biochemistry, JSSCPM	Therapeutic potential of olfaction for treating dementia	40,00,000.00
DST PURSE	Dr Prashant V	Biochemistry School of life sciences	--	17,36,00,000.00
DST Sathyam	Comm. Medicine Dr.Madhu B	Physiology Dept. of Yoga	Yoga, Stress and Covid	5,50,000.00

DBT	Anatomy Dr.Deepa Bhat	--	Centre for training research and innovation in Tribal Health	71,00,000.00
	Comm. Medicine Dr.Praveen Kulkarni	Biochemistry Psychiatry	Micronutrient deficiency and cognitive dysfunction in tribal areas	27,50,000.00
	Biochemistry Dr.Rajesh Kumar T.	College of Pharmacy	Air pollution and lung growth	3,50,00,000.00
	Biochemistry Dr.MVSST Subbarao	--	Vitamin D & CA Breast	49,69,600.00
	Respiratory Medicine Dr.P.A. Mahesh	Biochemistry	Air pollution	9,98,44,800.00
	Psychiatry Dr Kishore M	JSS College of Pharmacy, Mysuru	Geriatric Chronic cerebral hypoperfusion:	50,00,000.00
DBT Builder	Biochemistry Rajesh T Kumar	Department of Pharmaceutics, JSSCPM	BUILDER Programme	6,00,00,000
DBT Ramalingaswamy	Biochemistry Dr.Divya P.Kumar	--	Hepatocellular Carcinoma	1,13,60,000.00
	Biochemistry Dr.Prasanna Kumar	---	Hepatocellular Carcinoma	1,13,60,000.00
SERB-CRG	Medical Genetics Dr. Vinay Kumar MB	Biochemistry	Cancer cachexia	5000000.00
CSIR IICB	Biochemistry Dr.MVSST Subbarao	--	Chronic Respiratory disease	7,32,792.00

ICMR	Biochemistry Dr.M.N.Suma	OBG Pathology	Cervical Cancer	22,93,316.00
	Anatomy Dr.Deepa Bhat	Biochemistry Comm. Medicine Paediatrics	Sickle Cell Disease	53,42,986.00
	Microbiology Dr.Vidya B.C.	Anatomy Clinical Psychology Comm. Medicine	Screening for Sexually transmitted infections	23,00,000.00
	Biochemistry Dr.Akila Prashant	Paediatrics	Inherited metabolic disorders	2,44,250.00
	Biochemistry Dr.Devanand	Paediatrics JSS Dental College	Bone mineral density in children and RO water consumption	20,41,000.00
	Biochemistry Dr.MVSST Subba Rao	JSS Dental College	Inflammatory markers, Periodontitis and Type II Diabetes	18,60,000.00
	Biochemistry Dr.Prasannakumar	Surgical Gastroenterology	Staphylococcal nuclease containing SND1 in obesity associated NAFLD	44,00,000.00
	Biochemistry Dr.Shobha C.R.	General Medicine	Genes regulating adipogenesis & vitamin D	45,53,000.00
	Paediatrics Dr.K.Jagadish Kumar	College of Physiotherapy	Indian folk games and cerebral palsy	24,00,000.00

	Cardiology Dr.Sunil Kumar S	General Medicine Geriatrics	Yoga care	12,84,240.00
	Biochemistry Dr.Rajesh Kumar T.	School of Life Sciences	Millet based diet fiber & allergic Asthma	40,00,000.00
	Biochemistry Dr.Divya P.Kumar	Gastroenterology	Hepato Cellular Carcinoma	32,41,000.00
	Community Med- icine Dr Nayanabai Shabadi	Biochemistry	Chemical hazards among agricul- ture workers	36,96,817.00
	JSS Dental College	Psychiatry Dr Kishor M Com Medicine Dr Praveen K	Enhancing counselling skills of dental students on tobacco cessa- tion	25,00,000.00
	Anatomy Dr Hema Malini	Biochemistry, En- docrinology, OBG and Surgery	Single Nucleotide Polymorphism in Thyroid hormone and dyslipidemia	5,15,000.00
	Biochemistry Dr. Akila Prashant	Anatomy	National Registry for Rare and oth- er Inherited disorders (NRROID)	244000.00
KSTA	Biochemistry Ms.Varsha	--	SP1 transcription in HCC	35,000.00
	Biochemistry Ms.Nirmal G.S.	--	Quercetin & HCC	35,000.00
	Biochemistry Ms.Medha Karnik	--	Inflammatory cytokines and cervi- cal cancer	35,000.00

MAMTA HMIC, New Delhi	Comm. Medicine Dr.Sunil Kumar D.	SJCE	Mental Health Care & Medical Technology	1,00,000.00
	Comm. Medicine Dr.Madhu B.	--	Quality of life among diabetes	1,00,000.00
Christian Medical College, Vellore	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maha- rashtra, Gujarat)	Rotasiil Vaccine	8,10,936.00
	Paediatrics Dr.Rajani H.S.	Multi Centric Study (Kerala, Maha- rashtra, Gujarat)	Rotasiil Vaccine	3,94,632.00
IADVL	Dermatology Dr.Vinutha Rangap- pa	Biochemistry	Vitiligo	4,42,480.00
	Dermatology Dr.Ashwini P.K.	--	Oral Lichen Planus	4,50,000.00
Dr So- mashekar and Mala- thi Health and Wellness Founda- tion	Comm. Medicine Dr.Praveen Kulkarni	General Medicine	Health Awareness Project for rural areas in North Karnataka	4,85,000.00
Nidhi Prayas	E.N.T. Dr.Amulya T.M.	College of Phar- macy, Mysuru IISC, Bangalore	Nasal stunts	10,00,000.00
iMERA	Radiology Dr.Vikram Patil	--	MSK Radiographs	10,00,000.00
Novartis	Comm. Medicine Dr.Anil Bilimale	Anatomy Paediatrics	Ambari-Sickle cell disease, Health system project	28,00,000.00
MPMRT	General Medicine Dr.Savitha V.	Comm. Medicine	Thyroid disfunction with iron defi- ciency	3,00,000.00
Bodoland University, Assam	Anatomy Dr.Deepa Bhat	Community Med- icine	Cognitive abilities between hy- droxy urea treated & untreaded SCD children	15,00,000.00
	Anatomy Dr.Deepa Bhat	Comm. Medicine Annupur paras MC, Vadodara	Social Stigma, pain crisis and SCD	1,20,00,000.00
Institute of Public Health Bangalore	Anatomy Dr.Deepa Bhat	Anatomy Biochemistry	Sickle cell Disease Genotyping of DNA samples (THETA)	4,17,200.00

Latrobe University, Melbourne	Microbiology Dr.M.N.Sumana	--	Microbial population in soil	11,50,000.00
	Respiratory Medicine Dr.B.S.Jayaraj	--	Asthma & Air pollution	26,18,682.00
Swedish Heart Lung Foundation	Respiratory Medicine Dr.P.A.Mahesh	--	COPD	65,83,300.00
Swedish Karolinska Institute	Respiratory Medicine Dr.P.A.Mahesh	--	COPD	50,46,000.00
WHO	Comm. Medicine Dr.Praveen Kulkarni		Diabetes & Hypertension	2,74,575.00
	Comm. Medicine Dr.Anil Bilimale	General Medicine Paediatrics ENT	O2 COV2 oxygen requirements in Covid patients	23,43,390.00
PHRI, Hamilton, Canada	General Medicine Dr.K.M.Srinath	Comm. Medicine	International polycap study	11,72,164.00
National Institute of Health, USA	Biochemistry Dr.MVSST Subba Rao	PHRII	Inflammatory cytokines & HPV infected women at risk for cervical cancer	16,89,000.00
Imperial College, London	Respiratory Medicine Dr.P.A.Mahesh	--	Bold-II Study	11,14,318.00
University of Birmingham	Respiratory Medicine Dr.P.A.Mahesh	--	SIRPAC study	20,00,000.00
University of Arizona	Dr MVSST Subbarao	PHRII	CARE study	24,45,000.00

INDUSTRY SPONSORED PROJECTS

SI No	Title	Principal Investigator	Departments involved	Funding agency	Year of Sanction	Amount sanctioned	Duration
1	Community-centered health system strengthening for outpatient antimicrobial stewardship with Replicating Effective Programs Framework	Dr.Sumana M.N	Microbiology	JSSAHER & Pfizer	2022	35,50,925.00	3 years

2	ATP evaluation of anti biofilm and anti micro-bial efficacy of dense denture cleanser tablet	Dr. Nandlal B	Pedodontics	JSSAHER & Group pharmaceuticals	2022	3,65,000.00	1 year
3	Genomic studies to identify modifiers of beta thalassemia	Dr. Deepa Bhat	Anatomy, Paediatrics	Medgenome	2022	18,00,000.00	2 Years
4	Genetic analysis of Parkinson disease in the Indian population	Dr. Deepa Bhat	Anatomy Neurology	Medgenome	2022	18,00,000.00	Case Based
5	Impact of use of oral Nutritional supplement on physical health, mental health & immune health in growing children at risk of under nutrition	Dr. Prashanth S N	Paediatrics Psychology	Sun pharmaceutical Industries Ltd.	2022	5,26,350.00	1 year
6	Comparative study of Fast MRI based on AI. (Phase 4)	Dr. Rudresh Hiremath	Radiology	AIKNIEST	2022	1,97,200.00	1 year
7	Post market clinical follow up of X-ray (Skandrad 400)	PI: Dr. Vikram Patil	Radiology	SKANRAY	2022	2,36,250.00	1 year
8	Optimizing ex-vivo hematopoietic stem cell culture and gene editing	Dr. Deepa Bhat	Anatomy	TIGS	2023	2,00,000.00	1 year
9	Early identification of metabolic function derangements by Humors' smart breath analyzer and its validation as a screening tool	Dr. Nayanabai Shabadi	Community Medicine	Humor Tech International Limited	2023	2,00,000.00	1 year
10	Post-market clinical data Analysis with Skanray's defibrillators	Dr. Manjappa M	Cardiology	SKANRAY	2023	5,00,000.00	1 year

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators	Study duration in months
	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr. Manjunath S Shetty Dr. Manoj C Dr. Suma M.N.	24
	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
	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr. Suma KB Dr. Srinivasa Murthy Dr. Kusuma KS	06

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	06
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
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
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
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
Unrecognised ionised hypomagnesaemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vishwanath,	12
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
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
Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti Dr.Sushma, Dr.Akila Prashant	06
Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK	06
Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha	12

LIST OF RESEARCH COLLABORATIONS

SI 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 & untreated 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	Karnataka Science and Technology Academy	Biochemistry	Hepatocellular carcinoma
10	Gulf Medical University, UAE	Genetics	Observation and research work
11	IISE, Thiruvananthapuram	Genetics	Research work
12	Dayananda Sagar College of Engineering, Bangalore	Biochemistry	Research work
13	Tumkur University, Tumkur	Biochemistry	Research work
14	Sadvaityasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare	Cancer 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.

15	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 entitie
16	JSS Science and Technology	Artificial Intelligence	Automatic tool for generation of electronic health records for breast carcinoma using pathology information
17	JSS Science and Technology	Artificial Intelligence	Normalization and Classification of Histopathology Electronic Health Records on Breast Cancer Using Nlpand ML Approaches
18	Regional Cancer Centre, Trivandrum	Cancer Research	Student exchange, Collaborative research projects and publications
19	Kempegowda Institute of Medical Sciences	Genomic AMR Surveillance of WHO priority Bacterial Pathogens in India	To Provide actionable data at national and international levels to identify high-risk lineages of bacterial pathogens and determinants of antibiotic resistance, and open-access tools to understand their distribution and spread.
20	Karuna Trust an NGO	Community-cantered health system strengthening for outpatient antimicrobial stewardship with Replicating Effective Programs Framework	To change the prescription practices of antibiotics at Primary Health care levels of Tithimathy, Sreemangala and Gumballi villages
21	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.
22	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.
23	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

24	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
25	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.
26	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
27	University of Boston	Impacts of Heat Stress on Maternal and New-born Health Outcomes in India, and Adaptations to Improve: An Interventional Study	To map heat wave vulnerable areas in three districts of Karnataka state with different climatic zones and evaluate the pre-selected low-cost sustainable exterior architectural interventions in existing residential buildings to reduce indoor heat. To assess the effectiveness of exterior architectural interventions to reduce indoor heat and improve the health outcomes of mother and child residing in heat wave vulnerable areas in Gulbarga, Mangalore and Mysore.
28	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.
29	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
30	Nesa MedTech	Uterine fibroids	RFA of Fibroid
31	iMERA.AI (UK)	Artificial Intelligence	Efficacy of deep learning algorithms in reporting MSK Radiographs
32	Aikenist	Artificial Intelligence	Fast MRI

33	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.
34	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter
35	Indian Institute of Technology-Bombay (IIT-B), Mumbai (MOA)	Air pollution and lung function	Lung function in children and effects of long term exposure to traffic induced pollution
36	USI & KEM hospital, Mumbai	Urology-Prostate	Audit of patients characteristics and surgical practices of management of BOO due to BEP among Indian population
37	MS Ramaiah Medical College, Bangalore	Epilepsy	To evaluate and treat Drug resistant epilepsy Surgical options for intractable epilepsy
38	All India Institute of Medical Sciences, Delhi	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.

Publications

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