



JSS Academy of Higher Education & Research
(Deemed to be University) (Accredited A+ Grade by NAAC)

COMPENDIUM ON SDG-17

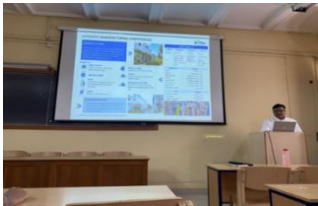
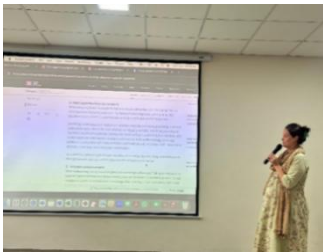
PARTNERSHIP FOR THE GOALS

**Compendium of Activities in Achieving UN Sustainable
Development Goals**

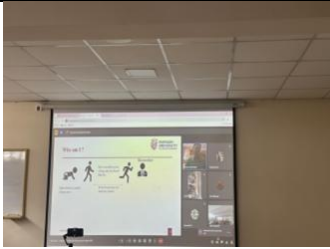


2024-25

COLLABORATIVE ACTIVITIES**GUEST LECTURES**

Sl. No	Organizing Department	Date	Topic & Speaker		Photos
1.	Biochemistry	13.06.2024	SIG report on Instrumentation and Applications of Eppendorf Automated Liquid Handling system		
2.	Pharmacology	24.06.2024	BioPlus life sciences	Anand Bhogu	 
3.	School of Public Health	01.07.2024	Finding an Academic Mentor and Applying to Graduate Programs in the United States	Dr.Javad Anjum	
4.	Forensic Medicine	08.07.2024	Awareness to New Criminal Law	Sri Alok Kumar IPS, ADGP	 

5.	Biochemistry	12.07.2024	SIG report on Instrumentation and Applications of Bio-Rad ChemiDoc	Dr.Amruth Raj G.Gwoda	 
6.	Biochemistry	16.07.2024	SIG report on Instrumentation and Applications of Qiagen RT-PCR		
7.	Physiology	17.07.2024	Introduction to six pillars of life style medicine for healthy life and prevention of disease	Dr.Mrunal Phatak	 
8.	Anatomy	18.07.2024	Micrometry Analysis Using Image J Software	Dr.Yogesh A.Sontakke	
9.	Biochemistry	29.07.2024	SIG report on Demystifying Brain Inflammation in the context of Alzheimer's disease	Dr.Kiran Bhaskar	

10.	School of Public Health	29.07.2024	My Life Journey Through MPH	Dr.Shivanand B Savatag	 
11.	Biochemistry	07.08.2024	SIG report on ICMR-NIRT: Infrastructure and Ongoing Research Activities	Dr.Vignes Anand	
12.	Medical Genetics	12.08.2024	Brief report	Dr.Mohammed Asses	
13.	Orthopaedics	23.08.2024	Value of Bone Turnover Markers in Osteoporosis	<u>Dr.Esha Angadi</u>	 

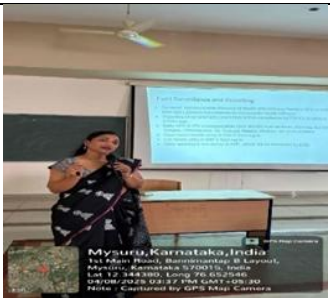
14.	General Medicine	31.08.2024	Artificial Intelligence in Health Care and Medical Practices	Mr.Preetham Putha, C.SC Chief AI Officer	 
15.	Paediatrics	24.09.2024	Role of Complementary feeds supporting Growth	Dr.Gowri Somayaji	
16.	Radio-Diagnosis	26.10.2024	Opportunities After Postgraduation in Radiology	Dr.Anikethan Hiremath Dr.Vishnu	
17.	Pharmacology	04.11.2024	Ophthalmology-Based Medical Devices and Company Insights	Dr.Ganesh Babu	 

18.	School of Public Health	05.11.2024	Master the Art of Public Speaking	Mr.Kishore Rachaiah	 
19.	Biochemistry	20.11.2024	Report on the insightful lecture organised by the Department of Biochemistry at JSS Medical College on Cell-to-cell Protein Transmission in the Brain: Implications for Huntington Disease Spread	Dr.Srinivas Subramaniam	 
20.	School of Public Health	02-12-2024	Global Health Beyond Borders	Dr.Deepa Iyengar: Vice Chair of the Department of Family and Community Medicine at UT Houston McGovern Medical School	 
21.	Pathology And Biochemistry	03-12-2024	Human Genomics & Rare Disorders (SIG-HGRD)	Ms. Divya Jain, Application Specialist, Sebia	

					
22.	Biochemistry	02-01-2025	Microplastics and Next Gen Remediation Technologies	Dr.Thava Palanisami, Associate Professor, Global Innovative Center for Advanced Nanomaterials (GICAN), The University of New Castle, Australia	
23.	School of Public Health	02-01-2025	Lessons across states: advancing health and early childhood development programs	Dr.Apoorva, Project Manager, Lead Consultant Health, Department of Health and Family Welfare, Government of Meghalaya	
24.	Biochemistry	09-01-2025	Biobanking of Samples and Storage Solutions from Azenta Life Sciences	Ms. Christine Lee, Regional Sales Manager – APAC, Singapore.	
25.	School of Public Health	16-01-2025	Business Models	Mr.Chandrakanth, Head of Operations,SJCE,STEP	

26.	School of Public Health	20-01-2025	Counselling session by IDP	Mr. Srinidhi and his colleagues from IDP Education	
27.	Biochemistry	24-01-2025	Biosafety Awareness – Overview and Safe Use of Laboratory Ventilation Equipment (Biosafety and Laminar Air Flow Cabinets)	Ms. Sanjana V. Operations Supervisor ESCO Life Sciences Group, Bengaluru, Karnataka, India.	
28.	Paediatrics	24-01-2025	Complete haemogram basics	Dr. Sowmya, a paediatric haemato oncologist	
29.	Biochemistry	29-01-2025	Development of Multifunctional Nanocarriers for Cancer Gene Therapy Application	Dr. Rohidas B. Arote, Professor, Nanomedicine Research Group, Center for Nano and Material Sciences, Jain University, Bangalore, Karnataka	
30.	School of Public Health	13-02-2025	Beyond One Variable: Exploring Multivariate Analysis for Better Decision	Mr. Panchaksharappa Gowda, Assistant Professor, JSS College of Pharmacy, Mysuru.	

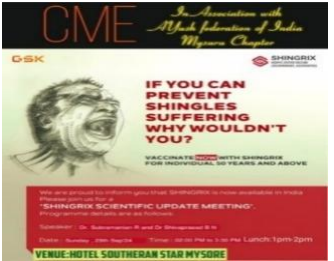
31.	Psychiatry	25-02-2025	Biological Insights from Working on Primates	Prof. Mewa Singh, Distinguished Professor (For Life) & INSA Distinguished Professor, Institution of Excellence, Vijnana Bhavan, University of Mysore	 
32.	Medical Genetics	28-02-2025	Mitochondria in Health and Disease	Dr.P.Govindaraj, an esteemed Assistant Professor in the Dept. of Neuropathology at the National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	
33.	School of Public Health	28-02-2025	Health Technology Assessment	Dr.Sidharth Shekhar Mishra (MBBS, MD, DNB (PSM))	
34.	Respiratory Medicine	19-03-2025	Thromboxane and thromboxane receptor signaling at the crossroads of pulmonary disease, cardiovascular disease and cancer	Dr. Ajay Gupta, MBBS, MD., President & CSO, Charak Laboratories India Pvt. Ltd, Clinical Professor	

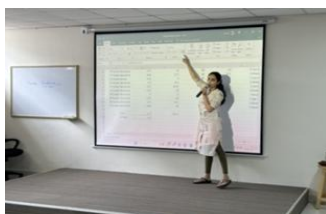
35.	Respiratory Medicine	23-03-2025	Chronotherapy of Asthma	Dr.P.K.Vedanthan, MD., DABP(USA), DABAI(USA) Professor, University of Colorado	
36.	Respiratory Medicine	27-03-2025	Basics of Interventional Pulmonology	Dr. Shivalingaswamy Salimath, Interventional Pulmonologist, Bengaluru	
37.	Comm. Medicine	08-04-2025	Opportunities and Challenges in Working as an Epidemiologist	Dr.Kavitha H.S., District Epidemiologist from the District Surveillance Unit, Mysuru	 
38.	Comm. Medicine	15-04-2025	Reaching the Unreached SVYM Way	Dr.Dennis D.Chauhan, Director Program Socio Economic Empowerment & WASH, Swami Vivekananda Youth Movement, Mysuru	
39.	Biochemistry	22/04/2025 – 23/04/2025	Technical Talk and Demonstration of Bioplex 200	Dr.Harish S.	

					
40.	E.N.T.	08-05-2025	MANEUVER for BPPV, hands on using Robotic head	Dr.Jacob Philips from ABOTT Pharmaceuticals	
41.	Psychiatry	02-06-2025	Approach to imaging studies in brain atrophy	Dr.Sudha Kiran Das, Professor and Head, Dept. of Radio-Diagnosis, JSSMCH, Mysuru	

CONFERENCE/ WORKSHOP/ CME/ SYMPOSIUM ORGANIZED IN COLLABORATION

Sl.No.	Date	Organizers	Title	
1.	19-06-2024 & 20-06-2024	Department of Microbiology and Special Interest group AMR	Workshop on topic Mastering AMR Detection: CLSI 2024 Updates Made Simple	 
2.	30-06-2024	Department of Clinical Immunology and Rheumatology, in association with IMA East Branch, Mysuru	CME ON Adult vaccination - Need for the day	

				
3.	12 th to 14 th Jul.2024	Department of ENT - Head and Neck under the aegis of Laryngology and Voice Association	Laryngology Summit -2024 The 12th Annual National Conference of Laryngology Society	
4.	14-07-2024	Department of OBG in association with Society of maternal fetal medicine (SMFM), Mysore chapter	Virtual Learning Series on Cardio Obstetrics	
5.	10-09-2024	Department of paediatrics in association with Indian Academy of Paediatrics	18 th IAP PG QUIZ-2024	
6.	29-09-2024	Department of Clinical Immunology and Rheumatology, in association with AYUSH federation of India, Mysuru chapter	CME on Shingrix Scientific Update	
7.	17 th to 19 th Oct.2024	Indian Academy of Pediatrics, Karnataka state branch and IAP Mysuru district branch, in association with the Department of Pediatrics	KARPEDICON-2024	

				
8.	18-10-2024	Department of Nephrology, JSSMC, under the aegis of Indian academy of pediatrics	Pediatric Nephrology - RRT Workshop	
9.	14-11-2024	Department of Microbiology and Special Interest group in Mycology	Symposium on “Emerging and Re-emerging fungal infections in India: A diagnostic challenge”	
10.	14-11-2024 & 15-11-2024	Department of Community Medicine at the JSS Medical College, Mysuru, in collaboration with the Karnataka Association of Community Health (KACH	34 th Annual State Conference, KACHCON 2024	
11.	16-11-2024	GRAAM in collaboration with the School of Public Health	Youth for Governance: My City Governance Conclave: 2024	 

12.	23 rd to 24 th Nov.2024	Department of Psychiatry, Psychology & Women's alumni of JSS	Prioritizing self-care! Empowering women, empowering minds	 
13.	23-11-2024	The School of Public Health, in collaboration with "MiTr-A friend you can lean on"	Workshop "Peak Pulse: Speak Out, Reach Out"	 
14.	23-11-2024	Department of Radiodiagnosis under the aegis of Society of Oncologic Imaging, India	Annual Mid term CME of Society of Oncologic Imaging, India. Radiology workshop- CME on Oncoimaging	

15.	04-12-2024	The Department of Microbiology in collaboration with National Centre for Biological Sciences, Tata Institute of Fundamental Research, Department of Medical Education, Government of Karnataka	AMR Frontline Workshop	 
16.	19 th to 21 st Dec.2024	The Department of Clinical Psychology in collaboration with National Institute for the Empowerment of Persons with Intellectual Disabilities (NIEPID), Secunderabad, Telangana	CRE Workshop on NIEPID Indian Test of Intelligence	
17.	20 th to 22 nd Dec.2024	KRSSDI and the Department of Medicine	RSSDI Karnataka Conference	
18.	11-02-2025	The department of Paediatrics in association with National Neonatology Forum, Karnataka state chapter	Nursing Neonatal Ventilation Workshop	
19.	12-02-2025	The Department of Anatomy, JSS Medical College, JSSAHER, Mysuru, under the aegis of the Anatomical Society of India	National CME cum Hands-on Workshop on Mastering Neuroanatomy: Bridging Theory with Clinical Applications	

20.	24-02-2025	The School of Public Health in collaboration with the Institute of Public Health	Seminar on Introduction to Commercial Determinants of Health	
21.	20-03-2025	The Department of Clinical Psychology in collaboration with Wundrsight Pvt Ltd, Bengaluru	Workshop on Virtual Reality Therapy	
22.	24-03-2025	State TB Task Force, NTEP-Karnataka in collaboration with Departments of Community Medicine & Paediatrics JSS Medical College, Mysuru and SVYM	CME on Paediatric TB	 
23.	4 th to 6 th April 2025	The Departments of Medicine, JSS Medical College & MMC & RI, Mysuru	MPMRT Annual Medicine Updates	
24.	24-04-2025	The National Neonatology Forum, Karnataka state chapter along with the department of Paediatrics, JSS Medical College, Mysuru and Ovum Woman and Child Speciality Hospital, Bangalore	Continuing Nursing Education workshop for Nurses	

				
25.	18-05-2025	Department of Ophthalmology in association with Mysore Ophthalmic trust	CME on Macular edema Master Class from Pathophysiology to practice	

ACTIVITIES OF ACADEMIC SOCIETY

Date	Guest Speaker	Topic	Photographs
18-07-2024	Dr.Yogesh A. Sontakke, Additional Professor, Department of Anatomy, JIPMER, Poducherry	Workshop cum live demonstration on Advancing Medical illustration (Illustration Software for creating teaching – Learning Resource Material and for creating digital images for publications)	
25-07-2024	Dr.Mrunal Phatak, Professor and Head, Department of Physiology, AIIMS, Nagpur	Introduction to six pillars of lifestyle medicine for healthy life and prevention of disease	
29-11-2024	Dr.Venkat Reddy, Consultant Neonatologist, Paramitha Children Hospital, Hyderabad	“A Picture is worth 1000 words, Infographics for Doctors”	

21-03-2025	Prof. Tonny Veenith, Professor of Anaesthesia and Intensive Care Medicine, University of Wolverhampton, U.K.	Artificial Intelligence (AI) in Medicine and Health care inequalities	
22-03-2025	Dr.Vinod Ravindran, MD, CCST, - Rheumatology (UK), FRCP, Consultant Rheumatologist, Calicut, Kerala	What happens after you submit a paper?: Tricks and Traps of editorial process	
28-05-2025	Dr.Shivalingaswamy Salimath, Interventional Pulmonologist, Trust Well Hospital, Bangalore	Intervention Pulmonologist conventional Bronchoscopy Beyond	

PROGRAMS CONDUCTED / NATIONAL DAYS CELEBRATED IN COLLABORATION

Dengue Awareness (July 23rd 2024)



JSS Jan Shikshan Sansthan Mysore, Karnataka and JSS Urban Health Centre, Department of community medicine had organized programs at JSS urban health centre on 23/07/2024.

1. Awareness program on dengue and malaria-causes, mode of spread and preventive measures. Also about personal hygiene and cleanliness by Dr.H.V Rama, LMO JSS UHC under swachhata pakhwada program.
2. Certificate distribution to the beneficiaries of “helper to hospital course”
3. Inauguration of new batch of tailoring course.



World Diabetes Day (November 14th 2024)

RSSDI, Karnataka Chapter, API, Mysore chapter and Department of General Medicine, JSS MC, JSS AHER, organized a walkathon in Mysore City on 14.11.2024 to create public awareness about health, lifestyle, prevention and the control of diabetes. The Theme for this year's World Diabetes Day is **"Diabetes & well-being"**. It was an effort to improve the well-being of diabetics and diabetes care and start a change for a better life.



National HIV Day (December 1st 2024)



Celebration of National HIV day: CME, Clinical meet was conducted by JSS Hospital & Mysore medical college with Mysore dermatology society on 01/12/2024. Dr.Greeshma had presented interesting cases, Dr.Jaya & Dr.Chandana participated in the Intercollegiate quiz for postgraduates.

PUBLICATIONS OF RESEARCH ACTIVITIES DONE IN COLLABORATION

1.	Nidhi Bansal, Sumalatha Arunachala, Mohammed Kaleem Ullah, Shreedhar Kulkarni, Sukanya Ravindran, Rekha Vaddarahalli Shankarasetty, Sowmya Malamardi, Sindaghatta Krishnarao Chaya, Komarla Sundararaja Lokesh, Ashwaghosha Parthasarathi. Unveiling Silent Consequences: Impact of Pulmonary Tuberculosis on Lung Health and Functional Wellbeing after Treatment. Journal of Clinical Medicine. 2024 Jul;13(14):4115.
2.	Madhu Gupta, Praveen Kulkarni, B S Garg, Kiranjit Singh, Sushant Meshram, S R Ramakrishnan, Chandrashekhara Budhawant, Cyrille J Bonhomme, Elizabeth J Kelly, Bhagwat Gunale, Prasad S Kulkarni, Chandrasekaran Padmapriyadarsini, Ashish Bavdekar, Seropersistence of SII-ChAdOx1 nCoV-19(COVID-19 vaccine): 6-month follow-up of a randomized, controlled, observer-blind, phase 2/3 immuno-bridging study in Indian adults, Human Vaccines and Immunotherapeutics, 2024 Dec;20(1).
3.	Arghya Pal, Arpit Parmar, Santanu Nath, Snehil Gupta, Vinay Ramalingaiah Hosagavi, M Kishor. Survey of Felt Needs Among Teachers of Psychiatry in Institutes of National Importance(INI) to Improve the Quality of Undergraduate and Postgraduate Training. Indian Journal of Psychological Medicine. 2024 Sep;46(5):439-444.

4.	Hima Maheshkumar, Srinivasa Iyer Meenakshi, Shyla Dureja Raghunath Nagasundara Rao, Ganiga Channaiah Shivakumar, Maria Maddalena Marrapodi, Gabriele Cervino, Giuseppe Minervini. A biomechanical reinforcement of PMMA denture base material with sericin and fibroin: A preliminary screening study. Technology and Health Care. 2024 Jul;32(4):2643-2656.
5.	Manjunath Premanath, Dr Praveen Kulkarni. Generic Drugs or Branded Generics, Which One You Prefer to Prescribe?. APIK Journal of Internal Medicine. 2024 Jul;12(3):195-196.
6.	Akshatha N Srinivas, Diwakar Suresh, Dr Prashant M Vishwanath, Dr Suchitha S, Dr Prasanna K Santhekadur, Saisudha Koka, Dr Divya P Kumar. TACE inhibition: a promising therapeutic intervention against AATF-mediated steatohepatitis to hepatocarcinogenesis. Molecular Oncology. 2024 Aug;18(8):1940-1957.
7.	Sandeep Diwan, Shivprakash Shivamallappa, Rasika Timane, Pallavi Pai, Anju Gupta. Anatomic evaluation to compare the dye spread with ultrasound-guided pericapsular nerve group(PENG) injection with or without an additional suprainguinal fascia iliaca(SIFI) injection in soft embalmed cadavers. Journal of Anesthesia. 2024 Aug;38(4):445-454.
8.	Merrin Mathew, Rovin M Theempalangad, Juny Sebastian, Dr Ravi M D. Chronic Immune Thrombocytopenia Purpura Following COVID-19 Vaccination(ChAdOx1 – nCov-19): A Case Report With OneYear Follow-Up. Hospital Pharmacy. 2024 Oct;59(5):552-556.
9.	Suresh Kanna Subramaniam, Pushpalatha Kunjappa Gounder, Ammar Abdul Razzak Mahmood, Harishchander Anandaram, Georgiy Georgievich Polevoy, Muthu Prasanna Pichandy, Machine learning's impact on medical education and research: beneficial or detrimental?, International Journal of Public Health Science, 2024 Sep;13(3):1503.
10.	Nirmala G Sannappa Gowda, Varsha D Shiragannavar, Shreyas H Karunakara, Ravindra P Veeranna, Dr Deepak Suvarna, Dr Divya P Kumar, Dr Prasanna K Santhekadur, Novel role of Quercetin in ameliorating metabolic syndrome via VDR mediated activation of adiponectin/AdipoR2 signaling, Biochemistry and Biophysics Reports, 2024 Sep;39:101754.
11.	Sweatha Mani, Abirami Balasubramanian, Keerthana Veluswami, Sudipta Rao, Shailesh Aggarwal, Sodium-Glucose Cotransporter-2(SGLT2) Inhibitors and Cardiovascular Outcomes: A Review of Literature, Cureus Journal of Medical Science, 2024 Jul.
12.	Lakshmi Krishna, Dr Akila Prashant, Dr Yogish Kumar H, Shasthara Paneyala, Dr Shobha C R, Dr Prashant M Vishwanath, Molecular and Biochemical Therapeutic Strategies for Duchenne Muscular Dystrophy, Neurology International, 2024 Jul;16(4):731-760.

13.	Deep Dutta, A B M Kamrul-hasan, Lakshmi Nagendra, Bariatric surgery and tirzepatide—Friends, not foes!, Diabetes, Obesity and Metabolism, 2024 Oct;26(10):4806-4806.
14.	Prashanth Chikkahonnaiah, Siva Dallavalasa, Subbarao V Tulimilli, Muskan Dubey, Ravindra P Veeranna, Shashidhar H Byrappa, Raghavendra G Amachawadi, Subbarao V Madhunapantula, SARS-CoV-2 Infection Positively Correlates with Hyperglycemia and Inflammatory Markers in COVID-19 Patients: A Clinical Research Study, Diseases, 2024 Jul;12(7):143.
15.	Smitha Honnalagere Mallanna, Rajesh K Thimmulappa, Nandini D Chilkunda, Dyslipidemia and hyperglycemia induce overexpression of Syndecan-3 in erythrocytes and modulate erythrocyte adhesion, The Journal of Biochemistry, 2024 Jul.
16.	Prince Jacob, Keerthana Kumari S, Rachanashree H N, Dr Akila Prashant, Siddaramappa J Patil, Spliceosome Variants: Insights into Disease Pathology, Current Detection Techniques, and Clinical Implications in Genetic Diseases, Genetic Clinics, 2024 Sep;17(3):15-24.
17.	Sandeep Diwan, Georg Feigl, Shivaprakash S, Supra-inguinal Fascia Iliaca Block and the Obturator Nerve Obsession, International Journal of Regional Anaesthesia, 2024 Aug;4(2):27-28.
18.	Saptarshi Bhattacharya, A B M Kamrul-hasan, Deep Dutta, Meha Sharma, Lakshmi Nagendra, Shinjan Patra, Role of anagliptin, a dipeptidyl peptidase-4 inhibitor, in managing type 2 diabetes: A systematic review and meta-analysis, Medicine, 2024 Jul;103(28):e38870.
19.	Sweatha Mani, Abirami Balasubramanian, Keerthana Veluswami, Sudipta Rao, Shaillesh Aggarwal, Exploring Clustered Regularly Interspaced Short Palindromic Repeats-CRISPR-Associated Protein 9(CRISPR-Cas9) as a Therapeutic Modality for Cancer: A Scoping Review, Cureus Journal of Medical Science, 2024 Jul.
20.	Abirami Balasubramanian, Keerthana Veluswami, Shaillesh Aggarwal, Sweatha Mani, Sudipta Rao, A Review on Coexisting Giants: The Interplay Between Acromegaly and Diabetes Mellitus, Cureus Journal of Medical Science, 2024 Jul.
21.	Kiran P Kolkar, Ravindra B Malabadi, Raju K Chalannavar, Sadiya Mr, Updates on some medicinal and ornamental plants- Ayurvedic medicines, World Journal of Advanced Research and Reviews, 2024 Jul;23(1):111-147.
22.	Pradeep R, Nallapaneni Lakshmi Madhuri, Dr Nemichandra S C, Shasthara Paneyala, Dr Harsha S, Anjana S, Dr Prajwala H V, Impact of Migraine on Family Members – A Cross-sectional Study in Southern Part of India, Annals of African Medicine, 2024 Jul;23(3):295-298.
23.	Dr Subhash Chandra B J, Dr Rajendra Prasad S, Shreyas S, Dr Kiran H S, Use of Neutrophil-to-Lymphocyte Ratio and Red Cell Distribution Width as an Adjuvant in

	Assessing Left Ventricular Systolic Function in Patients with Acute Myocardial Infarction, Medical Journal of Dr. D.Y. Patil Vidyapeeth, 2024 Jul;17(4):798-804.
24.	Mayuri Chaurasia, Varun Sheoran, Jay Gohri, Vishal Kanwrani, An unusual presentation of craniopharyngioma in an adult with nasal blockage, Clinical Case Reports, 2024 Jul;12(7).
25.	Vanishri Arun, Saurish Hegde, G Hari Prakash, Dr Sunil Kumar D, Deepika Yadav, Mr Arun Gopi, Prevalence and correlates of depression, anxiety, and stress among adolescents in urban and rural areas of Mysuru, South India, Journal of Family Medicine and Primary Care, 2024 Aug;13(8):2979-2985.
26.	G Hari Prakash, Dr Sunil Kumar D, Kiran P K, Vanishri Arun, Deepika Yadav, Assessment of Cancer Chemotherapy Needs in Patients Attending Tertiary Care Cancer Center, q: A Cross-Sectional Study, Indian Journal of Medical and Paediatric Oncology, 2024 Jul.
27.	Yogita Sharma, Dr Deepa Bhat, Parikipandla Sridevi, Shaily B Surti, Manoranjan Ranjit, Jatin Sarmah, Godi Sudhakar, Bontha V Babu, Sick cell disease in Indian tribal population: Findings of a multi-centre Indian SCD registry, Blood Cells, Molecules, and Diseases, 2024 Nov;109:102873.
28.	Mohammad Z Ahmed, Chandana Kumari V B, Sujay S Huligere, Dr Jayanthi M K, Dr Ramith Ramu, Fermented Ananas comosus and Carica papaya harbor putative probiotic Limosilactobacillus fermentum and Lactocaseibacillus paracasei strains with inhibitory activity against α -glucosidase and α -amylase, South African Journal of Botany, 2024 Sep;172:348-360.
29.	Simuzar S Mammadova, Himansu Baijnath, Antonia Neidilê Ribeiro Munhoz, Gholamreza Abdi, Ravindra B Malabadi, Kiran P Kolkar, Raju K Chalannavar, Sadiya Mr, Tea(Camellia sinensis) leaves accumulate higher levels of Aluminum: Potential Health Risk- Alzheimer's disease(AD): An updated review of evidence, GSC Advanced Research and Reviews, 2024 Jul;20(1):313-337.
30.	Dr Tejashree A, Chinchana E S, Mr Badveti Satya Sai, Krishna Karthik, Vasimalli Vinay Kumar, Veerabhadra Swamy G S, Clinical Profile of Dengue Seropositive Infection From a Tertiary Care Hospital Situated in Mysuru, South India, Cureus Journal of Medical Science, 2024 Jul.
31.	Vijay K Rao, Ramya Sri Kodali, Abhishek Patil, Pramod Chebbi, R Subramanian, Sharath Kumar, Yogesh Preet Singh, S Chandrashekara, Vineeta Shobha, Clinical profiling, treatment characteristics and outcome in Behcet's Disease(BD)—A retrospective cohort study from Karnataka Rheumatology Association(KRA), Clinical Rheumatology, 2024 Aug.
32.	Talluri Rameshwari Kr, Nazia Khan, Shubhkarmanjit Singh Bawa, Parul Sharma, Vijayanandhan Venkatesan, Ritik Kashwani, Sumana Kumar, A Detailed Overview of

	Extra Pulmonary Tuberculosis Pathophysiology and Its Diagnostic Methods, Cahiers Magellanes-NS, 2024 Aug;6(2):2983-3015.
33.	Nitin Bhagat, Sajjad Salam, Abhinav Garg, Vijayanandhan Venkatesan, Shetty Hardik, Gaganashree H G, Sumana Kumar, Ritik Kashwani, Use of Liposomal Curcumin for Oral Cancer Treatment: A Systematic Review and Meta Analysis, Nanotechnology Perceptions, 2024 Aug;20(S6):342-359.
34.	Yufei Zheng, Hao Gu, Deyao Zhao, Ruiwen Zhao, Olga Sukocheva, Edmund Tse, Margarita Neganova, Yulia Aleksandrova, Sabbarao V Madhunapantula, Xiaorong Zhu, Junqi Liu, Ruitai Fan, Cuproptosis, the novel type of oxidation-induced cell death in thoracic cancers: can it enhance the success of immunotherapy?, Cell Communication and Signaling, 2024 Jul;22(1).
35.	Jeslin Sara John, Rajendra Surpam, Anandhi Lakshmanan, Sura Anjanappa Lakshminarayana, Dr Tejashree A, Abdul Qader Jalily, Sudhindra Karanam Subramanyam, Gaurav Goel, Sadhana Chate, Ranganathan Natarajan Iyer, Roopika Berry, Purnima Barua, Var, Arboviral Diagnostics in India: A Multicentric Survey, Journal of The Academy of Clinical Microbiologists, 2024 Jul;26(1):29-34.
36.	Keerthi Mallanayakanashetty Suresh, Suresh Kanakannavar, A comparative study of hypertensive disorders of pregnancy in women with and without gestational diabetes mellitus, Pregnancy Hypertension, 2024 Aug;36:34.
37.	Monisha Arumugam, Ranjith Sanjeeve Pachamuthu, Emdormi Rymbai, Aditya Prakash Jha, Dr Kalirajan Rajagopal, Ram Kothandan, Santhoshkumar Muthu, Divakar Selvaraj, Gene network analysis combined with preclinical studies to identify and elucidate the mechanism of action of novel irreversible Keap1 inhibitor for Parkinson's disease, Molecular Diversity, 2024 Aug.
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CLINICAL TRIALS

SI No.	PI	Client organization
1	Dr.T.S.S.Rao	Cliantha Research
2	Dr.M.D.Ravi	IQVIA
3	Dr.Subramanian R.	Klinera Global Services
4	Dr.Tejeswini C.J.	PRA India Pvt Ltd
5	Dr.TSS Rao	Veeda Clinical
6	Dr.Narayanappa	GlaxoSmithKline (GSK)
7	Dr.Subhash Chandra B.J.	Diagnosearch Life Sciences Pvt. Ltd
8	Dr.TSS Rao	Cliantha Research
9	Dr.TSS Rao	Icon Clinical Research Pvt Ltd
10	Dr.Subramanian R.	PPD Pharmaceuticals
11	Dr.Subramanian R.	Astrazeneca
12	Dr.Soumya H.V.	CBCC Global Research LLP India

13	Dr.Harsha S.	Iqvia RDS(India) Pvt. Ltd
14	Dr.Prathibha Periera	Abiogenesis Clinpharm Pvt Ltd
15	Dr.Sushma K.	Diagnosearch Life Sciences Pvt. Ltd
16	Dr.Soumya H.V.	Syneous Health UK
17	Dr.M.D.Ravi	PPD Pharmaceuticals
18	Dr.Manjappa M.	Novartis Healthcare
19	Dr.Vikram Patil	Skanray Technologies Limited
20	Dr.M.D.Ravi	Diagnosearch Life Sciences Pvt. Ltd
21	Dr.M.D.Ravi	Biological E. Limited
22	Dr.M.D.Ravi	Biological E. Limited
23	Dr Deepthi Thandaveshwara	Emmes Services Pvt Ltd
24	Dr.Subramanaian R.	Bristol Maeyers squibb
25	Dr.Narayanappa	GlaxoSmithKline (GSK)
26	Dr.M.B.Bharathi	Actureal Services

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators
1.	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.
2.	Comparison of Spot serum Creatinine estimation by StatSensor Creatinine meter and Serum Creatinine estimation by conventional enzymatic method	Dr Manjunath S Shetty Dr Manoj C Dr. Abhijith
3.	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr.Suma K.B. DR Srinivasa Murthy Dr Kusuma K.S.
4.	Ionised magnesium level in children admitted to 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
5.	Ionised magnesium level in children with acute covid 19 infections And post covid mis - c admitted under Paediatric department at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Swetha NK, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni.USA: Dr. Dennis Begos and Dr. Vishakantha Murthy
6.	Reference range for whole blood ionized magnesium in healthy children Between 0-19 years of age.	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators:

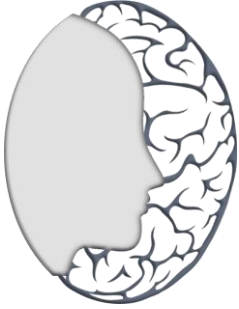
		Dr. Shobha CR, Dr.Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy
7.	A Correlation between total and ionised Magnesium levels in Chronic Heart Failure patients with reduced ejection fraction pilot study.	Dr. Manjappa, Dr. Swetha NK
8.	Correlation between total 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,
9.	Unrecognised ionised hypomagnesemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vishwanath,
10.	Effects of therapy on estimated plasma volume (ePV) in patients with acute decompensation of chronic heart failure: A prospective observational study.	Dr. Manjappa, Dr. Kusuma KS
11.	Ionized magnesium levels in critically ill Covid- 19 patients and its effects on the severity and patient outcomes	Dr. Akshay H. M, Dr. Sahana KR
12.	Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti, Dr.Sushma, Dr.Akila Prashant
13.	Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti, Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK
14.	Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma, Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha

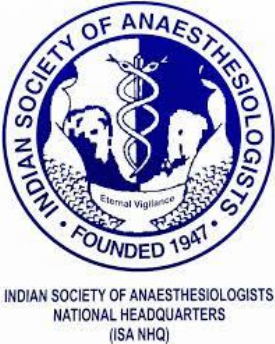
COLLABORATING INSTITUTIONS AND INDUSTRIES FOR RESEARCH AND ACADEMIC PURPOSE

INTERNATIONAL COLLABORATIONS

WITHIN COUNTRY COLLABORATIONS

			
			
			
	SAMJNA ANALYTICS 		
			

		 JSS Institute of Naturopathy and Yogic Sciences	
			
			
			
			
			
JSS College of Physiotherapy			
JSS College of Speech and Hearing			
JSS College of Nursing			

STUDENT OBSERVERSHIPS AND ELECTIVES

(DETAILS OF BOTH INBOUND AND OUTBOUND)

1	Mr Jathin Teja Kolli completed Observership /elective in Internal Medicine at Advent Health East Hospital, Orlando from 1 st to 31 st July 2024	
2	Ms Aditi Krishnakumar attended the Asian Medical Student Exchange Program at the Faculty of Medicine, Siriraj University, Mahidol, Bangkok, Thailand, from 16 th to 22 nd August, 2024. The program focused on cultural exchange, global healthcare systems, and medical research.	
3	Ms Ridhima Bajaj completed elective at PGV Pediatrics, Baylor University Medical Centre in Dallas, TX USA from 1 st to 28 th July 2024.	
4	Ms Ridhima Bajaj completed Clinical elective at Benton Pediatrics & HCA Florida North Florida Hospital, University of Florida, Gainesville FL USA from 5 th to 30 th Aug 2024.	

5	Ms.Ridhima Bajaj completed Pediatric Lung Transplant & Pulmonology clinical elective at Washington University St Louis MO USA, Between 28th Oct to 22nd Nov 2024.	
6	Dr Jayakshimman M and Dr vigneshwaran P, Final year Post Graduates, Ms Aswathy and Ms Pooja V Menon, PhD Scholars from Dept of Forensic Medicine 1completed internship at International Centre For Forensic Science and Criminology, Dubai from 22nd to 26th July 2024.	
7	Ms.Avani Singh and Ms.Shruti Singla, students from JSS Medical College participated in the Asian Medical Students Outreach Program (AMSOP) in Delhi, an international volunteer initiative aimed at community service and health education between 6th to 10th Jun.2024.	
8	Ms. Ashwarya Bhat completed Observership /elective at Washington University, St Louis between 23rd November to 22nd December, 2024 at the Department of Pediatric Nephrology	

9	Ms. Meena Iyer completed observership/elective at University of Illinois, Chicago between 9th September to 6th October, 2024	
10	Ms. Meena Iyer completed Visiting Student Program in the Department of Family Medicine at McGovern Medical School, UT Houston, Texas, US between 03/02/2025 to 14/02/2025.	
11	Ms. Meena Iyer underwent an elective at the dept of Pulmonology, Lung and Sleep Center of North Texas between 17/02/2025 to 03/03/2025.	
12	Ms. Aishwarya Bhat completed Allergy & Immunology, Sleep Medicine elective between 27/01/2025 to 02/02/2025 for a duration of 4 weeks at Sleep Diagnostic Centre, Houston, Texas, US	
13	Ms. Aishwarya Bhat completed General Paediatrics elective at Peekaboo Paediatrics Memorial Hermann Greater Heights, Houston, Texas, US between 30/12/2024 to 26/01/2025.	

14	Ms. Nidhi Basavaraj completed elective between 28/04/2025 to 23/05/2025 in the department of Maternal Fetal Medicine at Bayler College of Medicine, US	
15	Ms. Prisha Mehta completed elective in Infectious Diseases in Paediatrics between 28/04/2025 to 23/05/2025 at Icahn School of Medicine, Mount Sinai, New York, US	
16	Ms. Anagha completed observership at department of Neurology at RWJ Barnabas for a duration of 4 weeks between 05/05/2025 to 30/05/2025	

INBOUND

1	Professional Scientific Exchange Programme	The International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) a worldwide non-political organization for clinical chemistry and laboratory medicine that strives to enhance the scientific level and quality of diagnosis and therapy for patients throughout the world has introduced the Professional Scientific Exchange Programme (PSEP). The Clinical Biochemistry Laboratory at JSS Hospital under the leadership of Dr. Akila Prashant, Professor & Head had expressed interest in being one of the hosting laboratories for the PSEP of IFCC which was accepted. We are listed among the 64 laboratories worldwide and 12 in the country since 2022 to host the visiting scientists as a part of the PSEP of IFCC. Ms. Melise Naomi Banda from Kamuzu University of Health Sciences	
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		(KUHeS), Malawi, East Africa (22/07/2024 to 30/09/2024) and Mr. Mohammad Asees, Medical Director at Professional Laboratory, Ramallah, West Bank, Palestine (01/07/2024 to 30/09/2024) completed training at Dept of Biochemistry, JSS Medical College under this program.	  
2	Fulbright Nehru Fellowship	Mr.Aditya Yelamali, from University of Washington, St Louis, USA is pursuing Fullbright Nehru Student Research Fellowship at JSS Medical College for a period of nine months between September, 2024 to June, 2025.	

	Asian Medical Students Association Exchange Programme 2024	JSS Medical College, JSS Academy of Higher Education and Research hosted Asian Medical Students Association Exchange Programme (AMSEP) between 3/9/2024 to 9/9/2024. Under this programme, 4 students from the National Defence University of Malaysia were hosted in the campus of the institution. The event was coordinated by 2nd year students Ms. Navya Khatri, Ms. Neha K. Padashetty, Ms. Smriti Gupta and 3rd year students Mr. Md. Adnan Ibrahim and Mr. Vitta Shanmukha S. There were a series of events planned throughout their stay at JSS Medical College to foster both cultural and academic exchange. These activities included, visit to JSS Hospital and Skill and Simulation Lab, visit to Anatomy Museum and JSS Urban Health Centre to understand the grassroot level of healthcare. For cultural exchange, the delegates visited places of historical and religious importance in Mysuru, participated in cultural activities and also tasted authentic South Indian cuisine.	
4	Mr. Chandhu Prem and Mr. Vyshnav P Jayan , Students of M.Sc. Bio-Statistics from St. Thomas College, Palai, Kottayam, Kerala are pursuing internship at the department of Community Medicine, JSS Medical College, Mysuru for a period of 3 months from 09/04/2025 under the supervision of Mr Arun Gopi, Assistant Professor, Biostatistics.		

5	Dr. Meera Jhoti Somanah Bhugowandeen completed NAM S & T Fellowship for the year 2024-2025 at Department of Biochemistry under the guidance of Dr.M.V.S.S.T. Subba Rao during which she conducted research titled “understanding the anti-oxidant and anti-inflammatory role of fermented papaya using in-vitro models” between 10/02/2025 to 14/05/2025.	
6	Dr.Deegendra Khadka, Molecular Biologist and Chemist, Senior Scientific Officer, Nepal Academy of Science and Technology (NAST), Nepal completed Joint NAM S&T Center - JSS AHER, Mysuru, India Fellowship at JSS Medical College, under the guidance of Dr Subbarao, Professor, Dept of Biochemistry for a period of 6 weeks between 01/10/2024 to 15/11/2024	

Visit of students from other within country institutions to various departments for consultancy/Research/Clinical work/Observerships

Sl No	Consultancy Students/ Researchers / Clinical / Observership	Objectives
1	Nandhisha G, M. Tech Medical Nanotechnology, SASTRA Deemed to be University, Thanjavur, Tamil Nadu (2 months Summer Internship)	Research work
2	Thejas N & Nithinkumar N, B Pharm students, Sarada Vilas College of Pharmacy, Mysuru	Research work
3	Gayathri Rajendran and Amritha S, Scholars, Amrita Viswa Vidyapeetham, Ettimadai, Coimbatore	Research work
4	Amulya R, Intern, Yuvaraja's College, Mysuru.	Research work
5	Research Scholar, DOS in food Technology, Davanagere University, Davanagere.	Research work
6	14 students along with Course Co-Ordinator, Yuvaraja's College, University of Mysore, Mysuru.	one day visit for observership

7	Dr. Shiva Halse, Gulbarga Institute of Medical Sciences.	To learn cytogenetics experiments and to learn DNA extraction, Q-PCR and basics of Next Generation Sequencing
8	Dr. Hrudaya Nimje, Gulbarga Institute of Medical Sciences.	To learn gel electrophoresis and nucleic acid quantification techniques
9	Dr. Reshma James, Gulbarga Institute of Medical Sciences.	To learn sample preparation for PCR and sequencing
10	Dr. Naresh R, Chamarajanagar Institute of Medical Sciences	To get familiar with sample management and biobanking protocols
11	Ms. Shambhavi Kumari, Kristu Jayanti college, Bangalore	To learn DNA extraction, Q-PCR, and basics of Next Generation Sequencing (NGS)
12	Dr. Syeda Nahid Ruba, Gulbarga Institute of Medical Sciences	To shadow genetic counselors during patient interaction
13	Dr. Anjana Sansitha M, Gulbarga Institute of Medical Sciences	To observe and assist in genetic report interpretation

ACADEMIC/INDUSTRIAL EXPERTS VISIT

Visit of delegation from Mahayogi Gorakhnath University Gorakhpur



The delegation from Mahayogi Gorakhnath University Gorakhpur consisting of Dr.G.N.Singh – Ex. Drug Controller General of India, Dr. Sanjay Maheshwari- Medical Director, MP Birla Group of Hospital, Dr. Pradeep Kumar Rao-Registrar, Mahayogi Gorakhnath University Gorakhpur, Mr. Ashish Srivastava, Architect, Mr. Santosh, Architect visited the museum of Department of Anatomy on 17th of August 2024 and appreciated the facilities.

Visit by Team from Terumo India Pvt Limited

Team from Terumo India Pvt Limited, Haryana accompanied by Senior Manager from Japan visited the museum of Department of Anatomy on 12th of September 2024. The team was highly impressed with the facilities and specimen at the museum.



Visit of staff of L&T Technology Services, Mysuru

8 staff of L&T Technology Services, Mysuru visited the museum of Department of Anatomy on 12th of September 2024.



ETV Bharat Karnataka correspondents Visit to Anatomy Museum to create awareness on voluntary body Donation – 10-12-2024

ETV Bharat Karnataka correspondents visited the Anatomy Museum on 10-12-2024 to create awareness about voluntary body donation. Dr. Vidya C S, Professor and Head of Department of Anatomy, in the presence of Sri S R Satishchandra, Administrative Officer, JSS Medical College and other faculty of the department shared the information about the registration process, protocols, prerequisites and standard operating procedures of voluntary body donation. She emphasized the that it is a noble deed, as the donated body can be utilized for teaching undergraduates, postgraduates, cadaveric skill training and research by students and faculty.

The interview in Kannada was published on ETV Bharat Karnataka on December 12, 2024, 9:16 PM



Dr. Deepa Iyengar, Texas USA – Visit to Anatomy Museum on 02-12-2024

Dr. Deepa Iyengar, Vice Chair of the Department of Family and Community Medicine at UT Houston McGovern Medical School who attended the Memorandum of Understanding (MOU) Signing between JSSAHER and The University of Texas Health Science Center at Houston, USA at JSSAHER also visited the Museum in the Department of Anatomy on 02-12-2025. She was guided through a display of formalin preserved specimens of various regions of the human body, fetuses in various stages of development and with congenital anomalies, skeletons, plastinated specimens, models and charts. The digitalization of the Museum was appreciated.



Visit of Dr Scott Herriott, Maharishi International University, USA

Dr. Scott Herriott, Vice president of Academic affairs, Maharishi International University, Iowa, USA, Mr. Bernald, Dr. Vishakanta Murthy, Director, JSS Research foundation, USA visited department of Physiology & Department of Yoga. – 05-06-2025



Visit of Dr. J. Jayachitra DGO,MD, Senior Assistant Professor & Co-Principal Investigator, VRDL, MMC and Mr. Arokiadoss, Research Scientist (Non-Medical), VRDL, MMC

Dr. J. Jayachitra DGO,MD, Senior Assistant Professor & Co-Principal Investigator, VRDL, MMC and Mr. Arokiadoss, Research Scientist (Non-Medical), VRDL, MMC visited the CEMR lab on 23rd or 24th October 2024. The team had detailed discussion with Dr. Akila P and Dr.M.V.S.S.T.Subba Rao regarding instrumentation and facilities available at CEMR Laboratory. Later the research scholars demonstrated the instrumentation and applications of Qiagen RT-PCR and also carried out an experiment and completed the data analysis.



Visit of Dr Kikkeri N. Naresh, MBBS, DCP, MD, FRCPathm, Professor, Translational Science and Therapeutics Division, Fred Hutch, Section Head, Pathology Fred Hutch, USA

Dr Kikkeri N. Naresh, Professor, Translational Science and Therapeutics Division, Fred Hutch, Section Head, Pathology Fred Hutch, USA visited the Pathology laboratory at JSS Hospital on 29th November 2024. Dr K N Naresh interacted with faculty and postgraduates regarding the minimalistic approach using molecular methods in the evaluation of hematological neoplasms.

He discussed the storage of various specimens in the biorepository for research purposes.

He also spoke about research avenues in cellular therapy (CAR-T cell therapy).

He expressed his willingness to be associated with department for academic training sessions and research.



Visit of Dr Pradnya Shinde ICMR, NIV, Pune

Dr. Pradnya Shinde, Scientist from ICMR, Pune visited JSS Urban Health Centre at Medar's Block on 4th July 2024 for her observership and for future collaboration.



Dr S
24th



Visit of Dr S Vignes Anand, ICMR, NIRT, Chennai

Vignes, Scientist from ICMR, NIRT visited JSS Urban health center, Medars block, Bamboo bazar, Mysuru on July 2024 for his observership and for future collaboration.

Visit of Dr Audra Lynn Anjum, Fulbright distinguished scholar from Ohio University.

Dr Audra Lynn Anjum, Fulbright distinguished scholar from Ohio University visited the School of Public Health, JSS Medical College from 22.02.2024 to 22.11.24. She had discussion on Faculty and curriculum development in the aspects of teaching methodology.



Visit of Dr Ambady, Faculty Special Education, National Institute for Empowering Persons with Intellectual Disability (NIEPID), Secunderabad

Dr Ambady, Faculty Special Education, National Institute for Empowering Persons with Intellectual Disability (NIEPID), Secunderabad visited Department of Clinical Psychology on 13th November 2024 and had a discussion on future collaborations between JSSMC & NIEPID in development & standardization of psychological assessment tools

Visit of Mr. Bhishal Dhar, Thermo Fisher Scientific

Hands-on Training Session on Sanger Sequencing by Thermo Fisher Scientific Thermo Fisher Scientific conducted an hands-on training session on Sanger Sequencing, offering participants a comprehensive overview of this foundational DNA sequencing technique. The session was held on 10th April, 2025 for faculties from the Departments of Biochemistry and Medical Genetics, drawing enthusiastic participation from nearly 10 attendees.

The training covered key aspects of Sanger sequencing, including sample preparation, reaction setup, data analysis, and troubleshooting. Participants had the opportunity to gain practical experience with the workflow and understand its continued relevance in clinical diagnostics and genetic research. This session not only enhanced technical skills but also reinforced fundamental concepts, making it a valuable learning experience for both beginners and experienced users in the field of molecular genetics.



Visit of Mr. Nabir and Nagarajan, Thermo Fisher Scientific

Thermo Fisher Scientific conducted an informative and interactive session for the installation of the QX200 Droplet Digital PCR (ddPCR) System, showcasing the advanced capabilities of second-generation digital PCR technology. The session was held on 17th April 2025 for faculty from the Departments of Biochemistry and Medical Genetics, drawing enthusiastic participation. The training provided a comprehensive overview of digital PCR, covering key aspects such as sample preparation, droplet partitioning, reaction setup, data analysis, and troubleshooting.



Participants were introduced to the ddPCR system's unique ability to provide absolute quantification of target DNA or RNA molecules, utilizing both EvaGreen and TaqMan Hydrolysis Probes. This session not only enhanced technicality with digital PCR workflows but also reinforced fundamental principles, offering valuable insights into the system's unmatched sensitivity and precision for various molecular applications. It was a meaningful learning experience for both newcomers and experienced researchers in the field of molecular diagnostics and research.

Visit of Mr. Anubhav, Thermo Fisher Scientific

Installation of ProFlex PCR System by Thermo Fisher Scientific. On 17th April 2025, Thermo Fisher Scientific installed the advanced three-block ProFlex PCR System in our laboratory, significantly upgrading our molecular biology and diagnostic capabilities. The ProFlex PCR System offers high throughput, rapid thermal cycling, precise zonal temperature control, and flexible block configurations—features that cater to the diverse needs of modern genetic analysis. This installation not only enhances the lab's operational efficiency and capacity for multi-user workflows but also integrates remote management options and compatibility with legacy protocols. The ProFlex system's versatility makes it an ideal addition to our departmental resources, supporting a wide range of experimental designs and applications in molecular diagnostics and research.

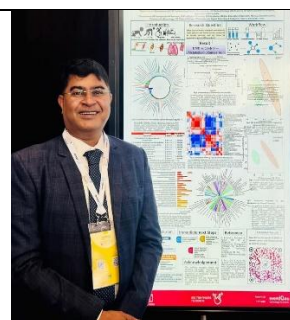


INTERNATIONAL VISITS BY THE FACULTY

Dr.Akila Prashant Professor & Head from Department of Biochemistry has Presented a Poster titled_“Genotype-phenotype correlation analysis of β -Thalassemia patients in south Karnataka, India” at IFCC EuroMedLab 2025 Conference held in Brussels, Belgium from 18th to 22nd May 2025.



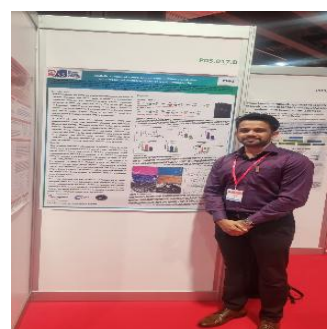
Dr.Prashant Vishwanath, Professor, Department of Biochemistry and Dean, Research, JSSAHER has Presented a Poster titled “Comprehensive metabolomic analysis for biomarker discovery in Duchenne muscular dystrophy (DMD)” at IFCC EuroMedLab 2025 Conference held in Brussels, Belgium from 18th to 22nd May 2025.



Dr.Karthik Kanakoor, Assistant Professor from Department of Biochemistry has Presented a Poster titled_“Association of circulatory miR-146a and miR-192 with inflammatory activity in prediabetes individuals undergoing art” at IFCC EuroMedLab 2025 Conference held in Brussels, Belgium from 18th to 22nd May 2025.



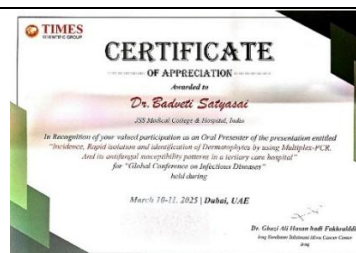
Dr.Prince Jacob's Assistant Professor from Department of Medical Genetics_has presented a Poster titled “Biallelic canonical splice site variant in *FMNL2* leads to an autosomal recessive form of renal tubulopathy” at the Annual Meeting of the European Society of Human Genetics (ESHG), held in Milan, Italy, (Hybrid Presentation) during 24th to 27th May 2025.



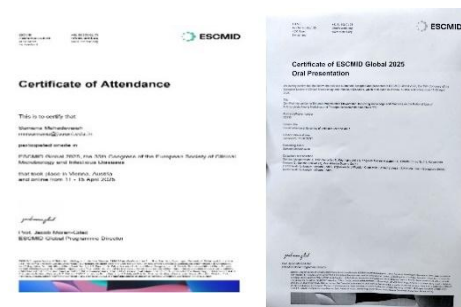
Dr.A.M.Satish, Prof. & Head from Department of Pharmacology presented scientific research paper titled “Anti-inflammatory activity of fresh curry leaves (*Murraya koenigii*) in Acute Experimental Animal Model.” at International Conference on Medical and Pharmaceutical Science on 9th and 10th March 2025 at Amsterdam, Netherlands.



Dr.Badveti Satyasai, Assistant professor from department of Microbiology presented research work titled “Incidence, Rapid isolation and Identification of Dermatophytes by using DTM & Multiplex-PCR and its antifungal susceptibility patterns in a tertiary care hospital” and Co-Chaired sessions on HMPV & Epidemiology and Clinical implications of Human metapneumo virus and Reducing sample rejection rate in NICUs at Global Conference on Infectious Diseases on 10-11th March 2025 at Dubai, UAE.



Dr.M.N.Sumana, Professor of Microbiology presented a scientific paper titled “Gamified Intervention to Enhance Antimicrobial Stewardship: Improving Knowledge and Practices on the Rational Use of Antimicrobials Among Medicines and Therapeutics Committee Members at European Society of Clinical Microbiology and Infectious Diseases” Vienna, Austria during 11th to 15th April 2025.



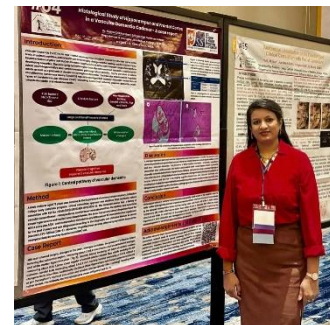
Dr.Y.S Ravikumar, Prof. & HOD of General Medicine gave a talk on Metabolic Syndrome at Shangri-La Singapore on 20th & 21st May 2025.



Dr.Sowmya K., Associate Professor, Department of O.B.G. presented a paper titled “Correlation of total and ionized Magnesium levels between third trimester pregnant women and their Newborn” at 29th European Congress of Obstetrics and Gynaecology (EBCOG), Congress Centre and Forum, Germany from 5th to 7th June 2025.



Dr.Vidya C.S., Professor & Head, Department of Anatomy presented a poster titled “Histological study of Hippocampus and frontal cortex in a Vascular dementia cadaver – a case report” at AACA 2025 International Conference in Seattle, USA on 19th June 2025.



Dr.Pratibha R.Matche, Asso.Professor of Anaesthesiology visited Rai Convention Centre, Amsterdam, Netherlands and presented poster on To study the efficacy of pulsed radio frequency combined with transforaminal epidural steroid and transforaminal epidural steroid alone for chronic lumbosacral radiculopathy- randomized comparative study during IASP 2024 world congress on Pain from 5th to 9th August 2024.



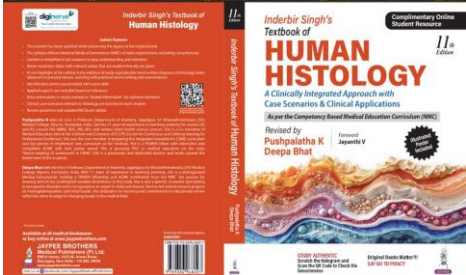
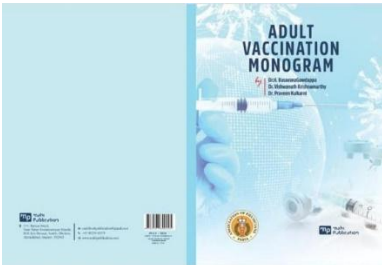
Dr.Manjula B.P., Professor of Anaesthesiology gave a talk on titled Inadequate reversal at World Critical Care Conference 2024 held at Osaka, Japan from 18th to 19th October 2024.

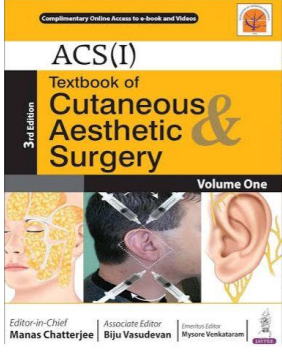
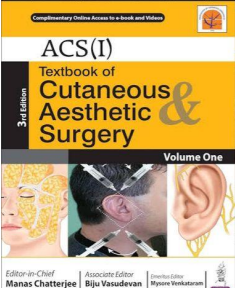
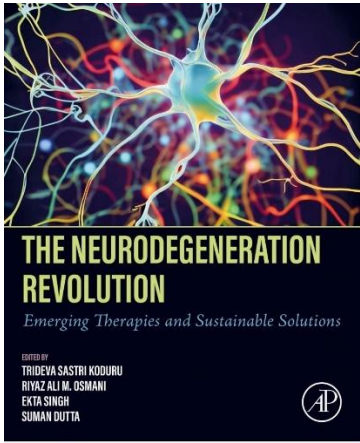
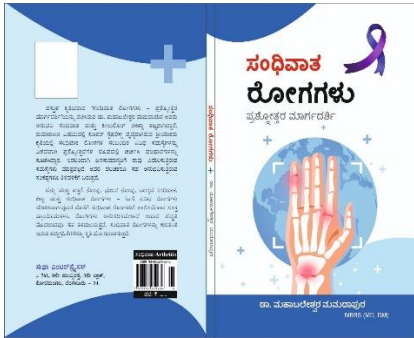


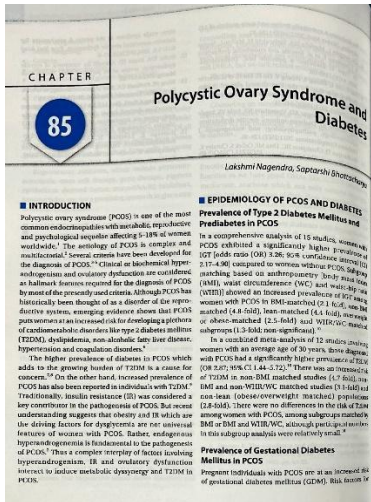
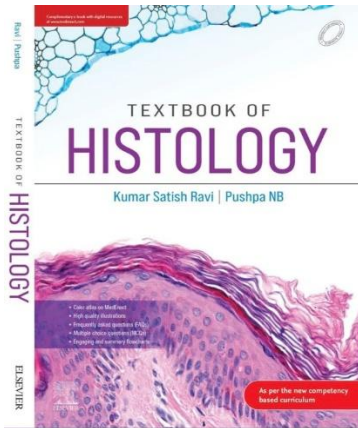
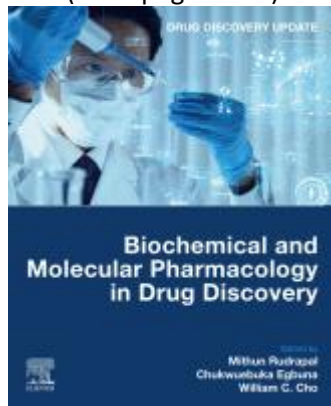
Dr.Mahabaleshwar Mamadapur, Assistant Professor of Rheumatology presented a poster titled “Multicentric Osteolysis Nodulosis and Arthropathy (MONA) : A case series and Review of literature” at APLAR, Suntec, Singapore during 21.08.2024 to 25.08.2024	Dear MAHABALESHWAR MAMADAPUR Thank you for your submission for the 26th Asia-Pacific League of Associations for Rheumatology Congress (APLAR 2024), being held at Suntec Singapore, Convention & Exhibition Centre, Singapore between 21-25 August 2024. The Scientific Committee is pleased to announce that your submission/s (as outlined below) has passed through the final review phase and been accepted into the official program as outlined below. If you already received preliminary acceptance of your submission/s, this is your final notification of acceptance. Presentation information <table border="1"> <tr> <td>Title</td><td>MULTICENTRIC OSTEOLYSIS NODULOSIS AND ARTHROPATHY (MONA): A CASE SERIES AND REVIEW OF LITERATURE</td></tr> <tr> <td>Presentation Type</td><td>Poster presentation</td></tr> <tr> <td>Session Details</td><td></td></tr> </table> PRESENTATION PREPARATION NEXT STEPS	Title	MULTICENTRIC OSTEOLYSIS NODULOSIS AND ARTHROPATHY (MONA): A CASE SERIES AND REVIEW OF LITERATURE	Presentation Type	Poster presentation	Session Details	
Title	MULTICENTRIC OSTEOLYSIS NODULOSIS AND ARTHROPATHY (MONA): A CASE SERIES AND REVIEW OF LITERATURE						
Presentation Type	Poster presentation						
Session Details							
Dr.Abhishek Kabra, Senior Resident, Department of Medical Gastroenterology, JSS Medical College, Mysore presented the institutes research work, “Efficacy of Routine Duodenal (D2) Biopsy in patients with unexplained iron deficiency Anemia : A Study From South India : Area With Low Prevalence Of Celiac Disease under the guidance of Dr.(Maj). Aradya H.V., Associate Professor at ENDO 2024, worlds biggest Endoscopy conference, which was held at Seoul, South Korea from 4th to 6th July 2024. The abstract was selected among nine hundred entries received worldwide.							
Lakshmi Nagendra, Associate Professor of Endocrinology chaired a session at Srilanka College of Endocrinologist congress Annual Even (SLENDO) 2024 held at Colombo, Srilanka on 8th to 11th August 2024.							

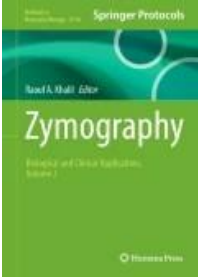
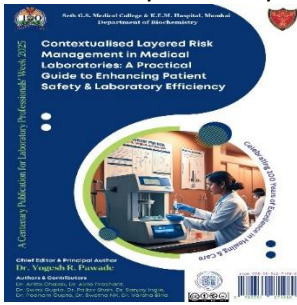
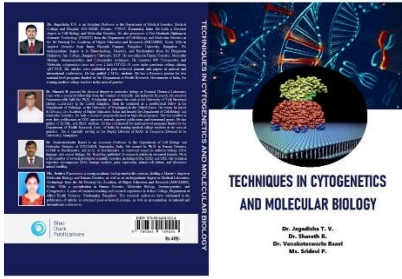
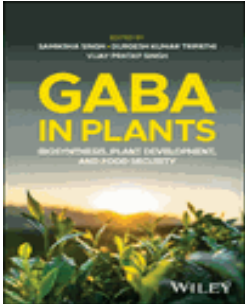
Textbooks Authored or/and chapters contributed by faculty

Anatomy	Medical Genetics	
Dr.Pushpalatha K Dr.Deepa Bhat Title of the Chapter / Book 11th edition Inderbir Singh’s Textbook of Human Histology Published by JAYPEE – Jul.2024 ISBN : 978-93-5696-812-7	Jacob P, Bhat V, Patil SJ. Title of the Chapter / Book HOXA1- related disorders Published by Gene Reviews; University of Washington – 2024 ISBN : NBK609107	Dr. Praveen Kumar K.S. Title of the Chapter / Book Handbook of Principles of Immunology: A Medical Genetic Approach Published by Bluerose Publishers Private Limited – 2024 ISBN : 978-93-6452-923-5 

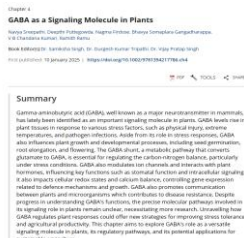
		
Microbiology Morubagal Raghavendra Rao a, Rashmi Padmanabha Mahale a, Sowmya Shivappa a, Vidyavathi B. Chitharagi a*, Ranjitha S. Gowda a, Krishna Karthik A and B. Monisha Title of the Chapter / Book Dengue Fever: Clinical, Serological, and Geographical Profile from a Tertiary Care Center in South, India Published by International book publisher – 2024 ISBN No.: 978-93-48388-17-9 	School of Public Health Dr. Anil S Bilimale Title of the Chapter / Book Transforming Global Health Partnerships Published by Springer Cham – 2024 ISBN No. 978-3-031-53792-9	O.B.G. Dr. Mamatha S Dr. Sowmyashree T Title of the Chapter / Book Adult Vaccine Manogram Chapter-HPV Vaccine Vaccine in Pregnancy 
Orthopaedics Dr.Adarsh T. Mr.Panchaksharappa Gowda D.H. Dr.Chaithra N. Mr.Chethan I.A. Title of the Chapter / Book Statistical Analysis for K-L Staging 2 and 3 of Pre VAS and WOMAC Using Different Interventions Published by Taylor & Francis - 2024 Advancements in Science and Technology for Healthcare Agriculture and Environmental Sustainability	Dermatology Dr. Kanthraj G.R. Title of the Chapter / Book Tele dermatology consultation in cutaneous and aesthetic surgery Published by Jaypee Publishers – Aug.2024 ISBN-10 9390595835 ISBN-13 9789390595839	Dr. Ashwini PK Title of the Chapter / Book Raynaud Phenomenon. In: Panda M. Ultimate Guide to Dermatology: Symptoms, Diagnosis, and Management. *Ahead of print* - 2024 ISBN: 978-81-963588-8-4.

		
Dermatology Dr. Ashwini S Title of the Chapter / Book Raynaud Phenomenon. In: Panda M. Ultimate Guide to Dermatology: Symptoms, Diagnosis, and Management. *Ahead of print* - 2024 ISBN: 978-81-963588-8-4.  	Clinical Psychology Maneesha James, Rithvik S. Kashyap, Chaya SK and Lokesh KS (2024), Title of the Chapter / Book Study of Memory Functioning and Related Functional Impairment among Patients with Chronic Respiratory Disorders in Health Psychology in Integrative Health Care Published by Routledge – Taylor & Francis Groups - October – 2024 ISBN : 978-1-032-98049-2	Clinical Psychology Anjali A, Abhiram M Ajay and Manoj K Pandey Title of the Chapter / Book Mental health and well-being challenges and opportunities, The Effectiveness of virtual reality interventions in obsessive compulsive disorder. Published by Allied Publishers Pvt LTD, Noida India 1st Edition, 2024 ISBN : 978-93-89934-44-1
Neurology Dr. Shasthara Paneyala Title of the Chapter / Book Clinical Trials for Neurodegenerative disease ELSEVIER – 2024 	Rheumatology Dr.Shiva Prasad B.N Dr. Subramanian R Title of the Chapter / Book Researching together: The road to excellence Published by Indian Rheumatology Association–Karnataka Chapter – 2024 978-81-982404-9-1 	Rheumatology Dr.Mahabaleshwar Mamadapur Title of the Chapter / Book Arthritis Published by Sudha Enterprises, Bangalore 2024 

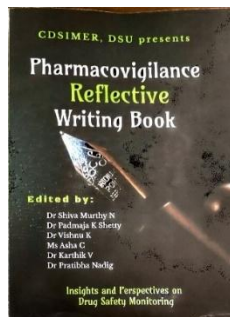
Endocrinology		
Lakshmi Nagendra Title of the Chapter / Book Polycystic ovarian syndrome and diabetes Published by Sadikot's textbook of diabetes – 2024 	Lakshmi Nagendra Title of the Chapter / Book Thyroid disorders in tropics/ Endotext Published by Endotext.org - 2024 	
Community Medicine Dr Praveen Kulkarni, Dr.H.Basavanagowdappa Title of Chapter/Book NAM S & T- JSSAHER Fact file on Non-Communicable Diseases Published by NAM S & T, New Delhi - 2025 	Anatomy Kumar Satish Ravi Pushpa NB Title of the Chapter / Book Text book of Histology Published by Elsevier – 2025 ISBN : 9788131268391 	Biochemistry B S Chandana, Suhail A Syed, Samihah Javeed Khanum, Syed Abdurahman, Madhusudhan N Purohit, Prashant M Vishwanath, Raghu Ram Achar Title of the Chapter / Book Chapter 1- Structures and functions of biomolecules - Drug Discovery Published by Elsevier - 2025 (2024 pages 3-19) 
Biochemistry		
Diwakar S, Bharadwaj A, Santhekadur PK, & Kumar DP Title of the Chapter / Book	Sumaiya Kausar S. Kalaigar, Prashant Vishwanath and Akila Prashant	Dr. Akila Prashant & Dr. Swetha N K Title of the Chapter / Book

Evaluating Matrix Metalloproteinase Activity in Human Hepatocellular Carcinoma Tissues and Cells with Gelatin Zymography. Chapter 22: Page 255-268. Methods in Molecular Biology Published by Springer Nature - 2025 	Title of the Chapter / Book Exploring Long Non-Coding RNAs as Therapeutic Targets for Foetal Haemoglobin Induction in β-Thalassaemia - 2025 	Contextualised layered risk management in medical laboratories: A practical guide to enhancing patient safety & laboratory efficiency 
Medical Genetics		Pharmacology
Sheela Nampoothiri, MKC Nair, Prince Jacob Title of the Chapter / Book Primer in Pediatric Genetics Published by Nobel publications-2025 ISBN : 978-81-984187-1-5 	Dr Jagadisha T V Dr Sharath B DrVenkateswarlu Raavi Ms.Sridevi Title of the Chapter / Book Techniques in Cytogenetics and Molecular Biology Published by Blue Duck Publications - 2025 ISBN : 978-93-6418-922-4 	Lakshmi Jayaram, Deepthi Puttegowda, V.H.Pushpa, Shashank M, Patil, Ramith Ramu Title of the Chapter / Book GABA and Plant-Derived Therapeutics/Chapter-18- GABA in Plants Published by 10 January 2025 Wiley Online Library https://doi.org/10.1002/9781394217786.ch18 Online ISBN-9781394217786 Print ISBN-9781394217755 
Pharmacology		
Navya Sreepathi, Deepthi Puttegowda, Nagma Firdose, Bhavya Somaplara Gangadharappa, V B Chandana Kumari, Ramith Ramu Title of the Chapter / Book GABA as a Signalling Molecule in Plants Published by	Dr.Venu D, Edited by Dr Shiva murthy N, and others Title of the Chapter / Book Pharmacovigilance reflective writing Book/Chapter: Bullae and bag of Drugs/87 Published by CDSIMER, DSU	Dr.Ranjith Raj Title of the Chapter / Book Discovery and Background of GABA in Plants Published by WILEY Online library

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GABA in Plants: Biosynthesis, Plant Development, and Food Security

Editor(s):
Dr. Samiksha Singh, Dr. Durgesh Kumar Totawat, Dr. Vijay Pratap Singh
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Summary

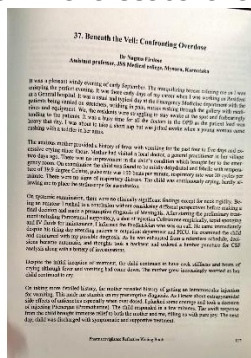
Gamma-aminobutyric acid (GABA) was first discovered in 1950 as an inhibitory neurotransmitter in animal systems. It is now known to also exist in plants, where it plays important roles in stress responses, growth, and metabolism. In plants, GABA is primarily produced through the GABA shunt pathway. This process begins with the decarboxylation of glutamate by the enzyme glutamate decarboxylase (GAD), followed by conversion to succinic semialdehyde (SSA) by GABA transaminase (GABA-T), and finally conversion to succinate by succinic semialdehyde dehydrogenase (SSADH). This pathway connects nitrogen metabolism to the tricarballic acid cycle (TCA cycle). Structurally, GABA is a small four-carbon amino acid with a flexible conformation allowing it to interact with various proteins. Functionally, GABA regulates cellular pH, contributes to the plant's ability to withstand abiotic stress such as drought and salinity, and also has a role in plant defense against pathogens. Additionally, GABA plays a role in regulating plant growth and development, influencing seed germination, pollen tube growth, and tiller spacing. This comprehensive overview provides insights into GABA's potential to improve crop stress resilience, making it a

Microbiology

Tejashree Anantha, Vidyavathi B.
Chitharagi, M. Krishna Karthik,
Jagadeesh Kumar, B. Suresh Kumar,
Badveti Satva Sai

Title of the Chapter / Book
A Rare and Fatal Case of Bilateral,
Upper, Lower Limbs and Abdominal
Gangrene Linked to Brucellosis

Published By
BP international – 2025



ISBN : 978-93-49473-68-3



School of Public Health

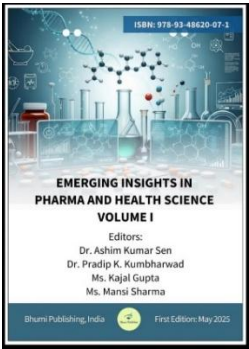
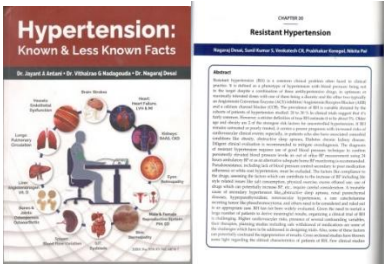
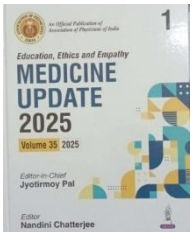
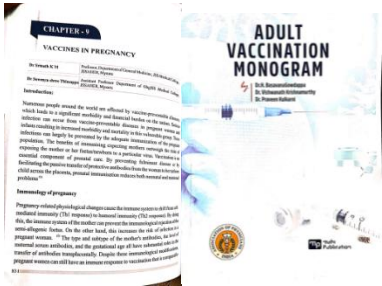
Dr D M Shilpa,
Dr Sulochanadevi B C,
Ms Shashirekha B.

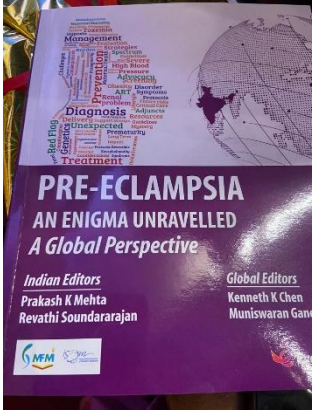
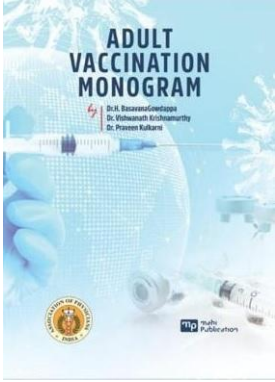
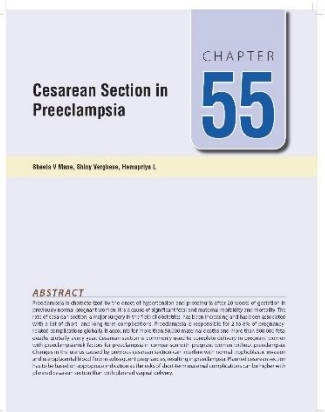
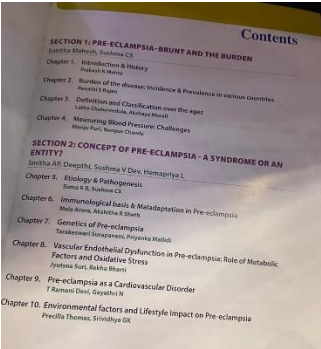
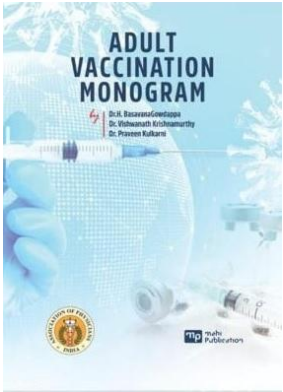
Title of the Chapter / Book
Souvenir: Research Scholars
Conference in Health Sciences and
Life Sciences-2025

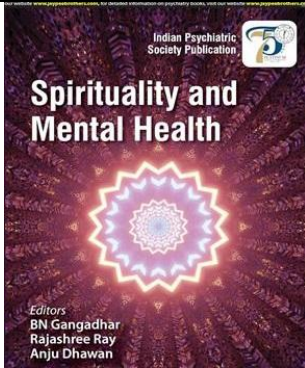
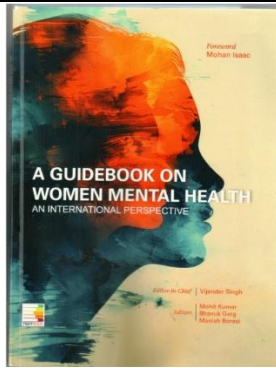
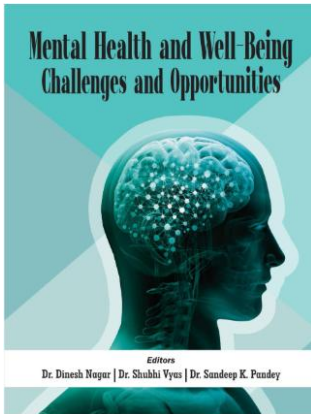
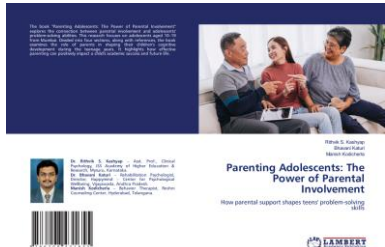
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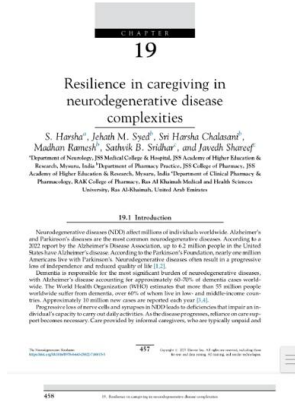
Published by

ISBN : 978-93-48620-07-1 		JSS AHER – 2025 ISBN : 978-93-6129-337-5
General Medicine		
Dr.Venkatesh.C.R Title of the Chapter / Book Chapter: Resistant Hypertension Published by Guru Krupa Publications-2025 	Dr.K.M.Srinath Title of the Chapter / Book Medicine Update 2025, volume 35 Chapter: “Vitamin D and Insulin Sensitivity Published by Jaypee Brothers Medical Publishers (P) Ltd publishers (An Official publication of Association of Physicians of India). - 2025 ISBN : 978-93-6616-732-9 	Dr.K.M.Srinath Title of the Chapter / Book Adult Vaccination Monogram – Chapter: Vaccine in Pregnancy Published by Mahi Publications-2024 ISBN : 978-81-976000-0-5 
O.B.G.		
Dr.Suma K.B Title of Chapter/Book Preeclampsia-An enigma unravelled- A Global Perspective Chapter 5: Etiology & pathogenesis Publisher by Evangel publication-2025	Dr.H.Basavanagowdappa, Dr.Praveen Kulkarni, Dr.T.Tippeswamy, Dr.Srinath K.M., Dr.Mahesh P.A., Dr.Mamatha S. Dr.Sowmyashree T. Title of Chapter/Book Adult Vaccine Monogram Chapter-HPV Vaccine Vaccine in Pregnancy Published by NAHI Publishers Ahmadabad Gujarat-2025	Sheela V Mane, Shiny Verghese, Hemapriya L Title of Chapter/Book Preeclampsia-An enigma unravelled – A Global Perspective Chapter -55 Cesarean Section in Preeclampsia Published by Evangel publication-2025

		
O.B.G.		Orthopaedics
Hemapriya L, Deepthi Prashanth, Sushma HM Title of Chapter/Book Preeclampsia-An enigma unravelled- A Global Perspective Chapter -12 Placental Pathology in Preeclampsia Published by Evangel publication-2025 	Dr. Sowmyashree T Title of Chapter/Book Adult Vaccine Monogram Chapter- Vaccine in pregnancy Published by NAHI Publishers Ahmadabad Gujarat – 2025 	Dr.Adarsh T., Mr.Panchaksharappa Gowda D.H., Dr.Chaithra N. Mr.Chethan I.A. Title of Chapter/Book Statistical Analysis for K-L Staging 2 and 3 of Pre VAS and WOMAC Using Different Interventions Published by Taylor & Francis Advancements in Science and Technology for Healthcare Agriculture and Environmental Sustainability- 2024 ISBN : 9781032708348
Psychiatry		Clinical Psychology
Dr.T.S.Sathyanarayana Rao Title of Chapter/Book Spirituality and Mental Health Published by Jaypee Brothers Medical Publishers- 2025 ISBN : 9789366168685	Dr.T.S.Sathyanarayana Rao Title of Chapter/Book A Guidebook on Women Mental Health: An International Perspective Published by Madhya Pradesh Textreads 2025 ISBN : 978-93-93432-62-9	Gnanapriya P and Abhiram M Ajay Title of Chapter/Book Mislabeling Adult ADHD: A Narrative Review of overlapping symptoms with Trauma and Emotional Disturbances Published by Interdisciplinary Approaches to Behavioral Sciences- CiiT-2025

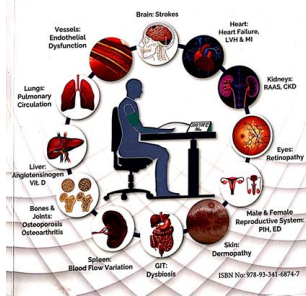
 Spirituality and Mental Health Editors BN Gangadhar Rajashree Ray Anju Dhawan	 A GUIDEBOOK ON WOMEN MENTAL HEALTH AN INTERNATIONAL PERSPECTIVE Editors Vikram Singh Anjali A, Abhiram M. Ajay, and Manoj K. Pandey	MISLABELING ADULT ADHD: A NARRATIVE REVIEW OF OVERLAPPING SYMPTOMS WITH TRAUMA, ANXIOPHOBIC PERSONALITIES, AND ATTENTION DIFFICULTIES ACROSS OTHER MENTAL ILLNESSES ABSTRACT Background: Adult Attention Deficit/Hyperactivity Disorder (ADHD) is increasingly diagnosed in clinical settings, yet its symptoms often overlap with those of other mental health conditions, such as trauma-related disorders, anxiety disorders, and attentional impairments. Mislabeling Adult ADHD can lead to inappropriate treatment plans and unresolved core issues, especially when trauma and attentional dysregulation are contributing factors. Understanding these overlaps is critical for accurate diagnosis and effective intervention. Purpose: This narrative review aims to explore the overlapping symptoms of Adult ADHD, trauma-related disorders, and attentional impairments, emphasizing the risk of misdiagnosis. The review also seeks to provide a comprehensive synthesis of studies conducted between 2010 and 2025, offering insights into differential diagnosis and therapeutic strategies. Methodology: A systematic search of studies was conducted in Scopus, Web of Science, PubMed, ScienceDirect, and Google Scholar using keywords like "Adult ADHD," "trauma," "attentional impairments," "anxiety disorders," and "misdiagnosis." Inclusion criteria were peer-reviewed studies published between 2010 and 2025 that focused on overlapping symptoms and differential diagnosis. Exclusion criteria included studies not in English, pediatric-focused research, and case reports lacking empirical evidence. RESULTS: Findings indicate significant symptom overlap, particularly in areas of inattention, emotional dysregulation, and "spacing out." Trauma-related conditions often present with hyperarousal and dissociation, which mirror ADHD symptoms. Emotional disturbances, such as those seen in trauma disorders, further complicate diagnosis clarity. Studies highlight the importance of comprehensive clinical histories and standardized assessment tools to avoid misdiagnosis. CONCLUSION: The overlap of symptoms between Adult ADHD and other mental illnesses underscores the necessity for nuanced clinical evaluations. Recognizing the signs of trauma, anxiety, and attentional difficulties is crucial for accurate diagnosis and effective treatment planning. CIT Publications 581 January 2025 Copyright © 2025
Clinical Psychology		
Gnanapriya P and Abhiram M Ajay Title of Chapter/Book Intergenerational Trauma and its impact on Father-Son Relationship: A Narrative Review of Communication Dynamics Published by Interdisciplinary Approaches to Behavioral Sciences- Ciit-2025 INTERDISCIPLINARY APPROACHES TO BEHAVIORAL SCIENCES INTERGENERATIONAL TRAUMA AND ITS IMPACT ON FATHER-SON RELATIONSHIPS: A NARRATIVE REVIEW OF COMMUNICATION DYNAMICS IN EARLY ADULTHOOD Gnanapriya P., ABHIRAM M. AJAY, JSS Medical College and Hospital ABSTRACT Background: Intergenerational trauma refers to the transmission of traumatic experiences and their effects across generations, often manifesting in disrupted communication patterns. In father-son relationships, unresolved trauma can hinder emotional bonding and lead to dysfunctional interactions, particularly during early adulthood—a critical phase for identity formation and emotional independence. Understanding these dynamics is essential for addressing relational challenges and fostering healthier connections. Purpose: This narrative review explores the role of intergenerational trauma on attachment and communication patterns in father-son relationships during early adulthood. The study seeks to identify recurring themes, highlight existing gaps in literature, and propose directions for future research and therapeutic interventions. Method: A Narrative review of peer-reviewed articles published between 2010 and 2020 was conducted. Fifteen studies selected based on their exploration of Transgenerational trauma, father-son relationships, and communication dynamics in early adulthood. RESULTS: Findings reveal that intergenerational trauma significantly influences communication dynamics, often characterized by emotional withdrawal, unresolved conflict, or heightened sensitivity to criticism. The review also identifies cultural and socioeconomic factors as critical moderators in these interactions. CONCLUSION: Addressing intergenerational trauma requires a multifaceted approach, incorporating therapy focused on improving relationship repair and communication skills. Further research is necessary to explore culturally specific interventions and longitudinal impacts of trauma on father-son dynamics. The study underscores the importance of early intervention to mitigate long-term relational difficulties. Keywords: Transgenerational trauma, Emotional Distance and Communication dynamics CIT Publications 581 January 2025 Copyright © 2025	Anjali A, Abhiram M. Ajay, and Manoj K. Pandey. Title of Chapter/Book Mental health and wellbeing challenges and opportunities: The effectiveness of virtual reality interventions in obsessive compulsive disorder. Published by 1st Edition, 2024. Allied Publishers Pvt Ltd, Noida, India – 2024 	Kashyap; Rithvik S.; Katuri; Bhavani; Kodicherla; Manish Title of Chapter/Book Parenting Adolescents: The Power of Parental Involvement: How parental support shapes teens' problem-solving skills Published by LAP LAMBERT Academic Publishing – 2025 ISBN-13: 9786208431655 ISBN-10: 6208431654 
Neurology		Cardiology
D.rHarsha S, Jehath Syed (C), Dr Sri HarshaChalasani,Dr M Ramesh,Sathvik B. Sridhar Javedh Shareef Academic Press Title of Chapter/Book Chapter 19 - Resilience in care giving in neurodegenerative disease complexities Published by International year 2025	Nagaraj Desai, Sunil Kumar S,Venkates CR, Prabhakar Koregal Title of Chapter/Book Hypertension: known and less known facts Published by Jayant Arvind Antani-2025 ISBN : 978-93-341-6874-7	Nagaraj Desai, Prabhakar Koregal, Sunil kumar S Title of Chapter/Book Cardiological society of India-update 2024- Latest guidelines on management of chronic coronary disease (syndromes) Published by Jaypee brothers-2024

ISBN : 9780443288227

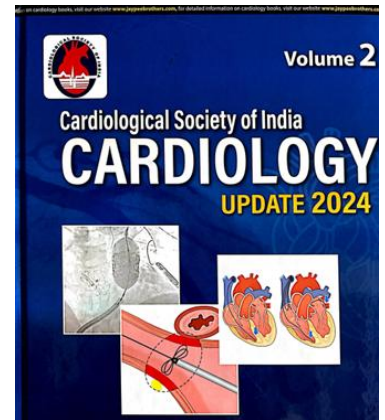


Hypertension: Known & Less Known Facts

Dr. Jayant A. Antani • Dr. Vithalrao G. Nadiagouda • Dr. Nagaraj Desai



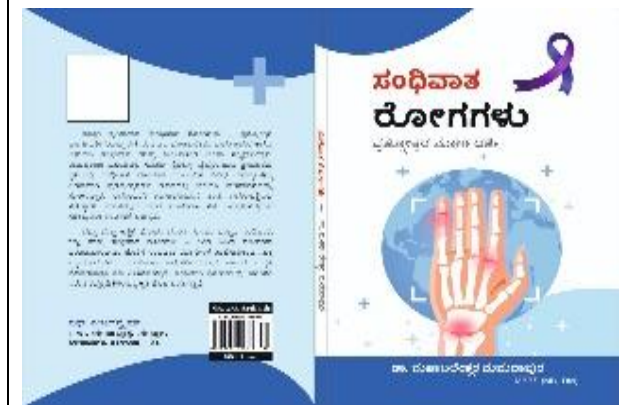
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JSSDCH

Signing of MOU and workshop on "Bio-Esthetics and Function in Harmony" Edelweiss Dentistry Products GmbH, Austria



Industrial / Academic / Research collaboration MOU signing held on 5th February 2025 by Dr Dhakshaini M.R., Principal and Dr B Nandlal, Professor, Dept. of Pediatric & Preventive Dentistry with Dr Stephan Lampl, CEO & Founder, Edelweiss Dentistry Products GmbH, Austria for Integrated Training in Esthetic Dentistry. The event also had presence of Dr Vishal Kumar Gupta, Dean (Academics), JSSAHER, Dr Desigar Moodley, Chief Scientific Officer, Edelweiss Dentistry.



The workshop on "Bio-Esthetics and Function in Harmony" was conducted at JSS Dental College and Hospital on 5th February 2025 organized by SIG Dental Cariology. This workshop aimed to provide insights into the integration of Bio-Esthetic principles with functional harmony in clinical dental practice. The event witnessed the active participation of postgraduate students from the departments of Prosthodontics, Conservative Dentistry, and Pediatric Dentistry.

The goal of the workshop was to enhance participants' understanding of Bio-Esthetics, focusing on the balance between aesthetics and functional efficiency. The sessions emphasized

modern approaches to restorative and rehabilitative procedures that align with natural dentition and orofacial harmony.

Workshop Highlights

- **Inaugural Session:** The event commenced with an introduction to the significance of bio-esthetics in contemporary dentistry, highlighting its role in achieving long-term functional stability.
- **Keynote Lectures:** Esteemed speakers **Stephan Lampl**, **Desigar Moodley** delivered lectures on:
 - Principles of Bio-Esthetics in Dental Rehabilitation
 - Functional Occlusion and Its Role in Aesthetic Restorations
 - Contemporary Techniques in Conservative and Prosthetic Dentistry
- **Hands-on Training:** Participants engaged in practical exercises that focused on:
 - Aesthetic restorations and occlusal adjustments
 - Smile design and functional assessment
 - Material selection for biomimetic restorations
- **Case Discussions:** Clinical case presentations allowed participants to analyse and discuss real-world applications of bio-esthetic concepts.
- **Interactive Q&A Session:** Experts addressed queries from attendees, fostering an engaging learning environment.

Ivoclar academy at Schaan



Dr. Vinutha Manjunath, Reader Dept. Of Conservative Dentistry and Endodontics, JSS Dental College and Hospital, JSSAHER. had the brilliant opportunity to have been invited by Ivoclar Academy at Schaan, Liechtenstein as part of the delegate team from India being part of the Academy of Cosmetic Dentistry India (ACDI) an affiliate of AACD (American Academy of Cosmetic Dentistry).

Date 10-11th September 2024

She learnt from Ivoclar faculty Peter Schroll on Composite Insights, Dr. Kopikrishna Thirunelakandan on Composite kitchen and Cementation workshop, Sebastian Krolikowski on Zirconia, Alexandris Gianasmidis on Cementation, Dr. Frank Zimmerling and Thomas Doblander on Ivotion denture system and also had Discussions with Dr. George Tysowsky and Dr. Pooja Nair.

OSI CONSENSUS MEET ON “IMPLANTOLOGY PRACTICE PROTOCOLS IN INDIA- A CONSENSUS ON STANDRDISATION” 21st JUNE 2024



Dr. Anupama C, Assistant Professor, Department of prosthodontics, has taken active participation as a Panelist at 1st OSI (Osseointegration Society of India) National Consensus meeting. The topic of consensus meeting was on “Implantology practice protocols in India” A consensus on standardization, held at Sheraton Grand Brigade Gateway, Bengaluru on 21st June 2024.

In the presence of national and international speakers, the Consensus meeting focused on training protocols for practice in India, consent in Dental implantology, importance of documentation, precautions for international patients, overview of medicolegal cases relevant to dental implantology and maintenance and follow-up care for implant cases.

She also presented scientific faculty paper titled “ Techniques for detecting excess cement in cement-retained implant restorations- A Systematic Review “at the same conference.

World dental congress in Istanbul, turkey



Dr. Ashwini T S, Professor & Head of the Department of Conservative Dentistry & Endodontics presented a paper on Elucidating the Role of Vitamin D in Oral Health at the FDI World Dental Congress 2024 in Istanbul, Türkiye, from 12th to 15th September. Her presentation was well-received, contributing to important discussions on the impact of Vitamin D on oral health and its broader implications in dentistry. The congress was a fantastic opportunity for learning and professional exchange, and we are excited to apply these insights.

JSS Dental College and Hospital Signs MoA with VitalView AI for AI-Driven Collaboration in Dental Healthcare



JSS Dental College and Hospital, a constituent college of JSS Academy of Higher Education & Research (JSSAHER), Mysuru, has signed a Memorandum of Agreement (MoA) with VitalView AI Private Limited, Thiruvananthapuram, a leading provider of AI-driven healthcare solutions headquartered in Mangalapuram, Kerala, India

The collaboration aims to foster academic, clinical, and research partnerships, with a focus on AI-powered solutions for dental healthcare. Key initiatives include joint prototyping, clinical validation, integration trials, and access to clinical data and samples, built on mutual understanding and shared goals

The signing ceremony was presided over by Dr. Basavanagowdappa H, Vice Chancellor, JSSAHER, who highlighted the importance of collaborative efforts in academic and research domains. The event was attended by senior academic leaders including

Dr. Manjunatha, Registrar - JSSAHER Dr. Vishal Kumar Gupta, Dean – Academics Dr. Vikram Patil, Deputy Dean – Research, Clinical Dr. Dhakshaini M R, Principal, JSS Dental College & Hospital Dr. Jaishankar H P, Vice Principal Dr. Nagabhushana D, Professor, Oral Medicine & Radiology Dr. Anupama C, Lecturer, Prosthodontics and Crown & Bridge Dr. Anupama C, MoA Coordinator, delivered the welcome address, outlining the key objectives and expected outcomes of this collaboration. Mr. Amal Shehu, Founder & CEO of VitalView AI, introduced the company and its expertise in developing cutting-edge AI solutions for dental healthcare

The MoA was formally signed by Dr. Dhakshaini M R on behalf of JSSDCH and Mr. Amal Shehu representing VitalView AI

JSSCPM

17.1 Research into partnership for the goals-NIL

- Partnership for the goals: publications

Research supporting SDG 17: Research on Partnership for the Goals (List of publications reflecting the research towards Partnership for the Goals in Vancouver style)

Proportion of output co-authored with low-income countries

17.2 Relationships to support the goals.

17.2.1 Does your College & University have direct involvement in, or input into, national government or regional non-government organizations SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management?

Relationships with NGOs and government for SDG policy

Explain and attach evidence /documents supporting your explanation: **NIL**

17.2.2 Does your College & University initiate and participate in cross-sectoral dialogue about the SDGs, e.g. conferences involving government / NGOs?

Cross sectoral dialogue about SDGs

Explain and attach evidence /documents supporting your explanation: **NIL**

17.2.3 Does your College & University participate in international collaboration on gathering or measuring data for the SDGs? (*International collaboration data gathering for SDG*)

Yes – Explain and attach evidence /documents supporting your explanation: **NIL**

17.2.4 Does your College & University as a body, through international collaboration and research, review comparative approaches and develop international best practice on tackling the SDGs?

Explain and attach evidence /documents supporting your explanation: **NIL**

Collaboration for SDG best practice: 2 Collaborations

Evidence

1.TEVA Pharmaceuticals and JSS AHER Launch First-of-its-Kind Pharmacovigilance Internship Program

A Memorandum of Understanding was signed on February 3, 2025, between TEVA Pharmaceuticals-Bengaluru, a world leader in the production of generic drugs, and JSS Academy of Higher Education & Research (JSS AHER), one of India's top-ranked pharmacy colleges and a Centre of Excellence in Pharmacovigilance. With the goal of establishing new benchmarks for pharmaceutical education and

drug safety monitoring, this alliance is the first of its kind in the field of pharmacovigilance. Through the combination of TEVA's facilities and industry experience with JSS AHER's academic knowledge and its status as a regional training center for the Pharmacovigilance Programme of India (PvPI), the cooperation will provide students unique opportunities. Both sides were excited about the partnership, highlighting how it will help prepare upcoming pharmaceutical professionals with both theoretical and practical knowledge of pharmaceutical safety and surveillance.

2.Memorandum of Understanding Between JSS College of Pharmacy, Mysuru And UNICORN Natural Products, Hyderabad

JSS Academy of Higher Education & Research (JSS AHER) has accepted a Memorandum of Understanding (MoU) between JSS College of Pharmacy in Mysuru and Unicorn Natural Products in Hyderabad effective July 1, 2024. This Memorandum of Understanding represents a collaboration for training, initiatives, and research across several disciplines for the mutual benefit of students and academic members. The agreement outlines various areas of cooperation, such as researcher and student exchange, joint training of scientific staff, collaboration on Ph.D./PG programs, organization of joint scientific research, conferences, and publications, and training and research support for students and faculty. The MoU is valid for three years after signing and can be renewed, including provisions for dispute resolution, secrecy, and termination.

17.2.5 Does your College & University collaborate with NGOs to tackle theSDGs.

Collaboration with NGOs for SDGs

Explain and attach evidence /documents supporting your explanation: **NIL**

17.3 Publication of SDG reports

17.3.1 Please indicate if your College & University publishes progress against SDG1

Overall report or separate report. Explain and attach evidence /documents. **NIL**

Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG1

17.3.2 Please indicate if your College & University publishes progress against SDG2.

Overall report or separate report. Explain and attach evidence /documents - **01 Publication**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG2

17.3.3 Please indicate if your College & University publishes progress against SDG3.

Overall report or separate report. Explain and attach evidence /documents - **256 Publications**

Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG3.

17.3.4 Please indicate if your College & University publishes progress against SDG4.

Overall report or separate report. Explain and attach evidence /documents - **NIL**

Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG4

17.3.5 Please indicate if your College & University publishes progress against SDG5.

Overall report or separate report. Explain and attach evidence /documents - **01 Publication**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG5

17.3.6 Please indicate if your College & University publishes progress against SDG6

Overall report or separate report. Explain and attach evidence /documents - **NIL**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG6

17.3.7 Please indicate if your College & University publishes progress against SDG7

Overall report or separate report. Explain and attach evidence /documents - **02 Publications**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG7

17.3.8 Please indicate if your College & University publishes progress against SDG8

Overall report or separate report. Explain and attach evidence /documents - **01 Publication**

Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG8

17.3.9 Please indicate if your College & University publishes progress against SDG9

Overall report or separate report. Explain and attach evidence /documents - **12 Publications**

Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG9

17.3.10 Please indicate if your College & University publishes progress against SDG10

Overall report or separate report. Explain and attach evidence /documents - **01 Publication**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG10

17.3.11 Please indicate if your College & University publishes progress against SDG11

Overall report or separate report. Explain and attach evidence /documents supporting your explanation - **01 Publication**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG11

17.3.12 Please indicate if your College & University publishes progress against SDG12

Overall report or separate report. Explain and attach evidence /documents supporting your explanation - **04 Publications.**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG12

17.3.13 Please indicate if your College & University publishes progress against SDG13

Overall report or separate report. Explain and attach evidence /documents supporting your explanation

04 Publications.

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG13

17.3.14 Please indicate if your College & University publishes progress against SDG14

Overall report or separate report. Explain and attach evidence /documents supporting your explanation - **02 Publications**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG14

17.3.15 Please indicate if your College & University publishes progress against SDG15

Overall report or separate report. Explain and attach evidence /documents - **01 Publication**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG15

17.3.16 Please indicate if your College & University publishes progress against SDG16

Overall report or separate report. Explain and attach evidence /documents - **01 Publication**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG16

17.3.17 Please indicate if your College & University publishes progress against SDG17

Overall report or separate report. Explain and attach evidence /documents. **NIL**

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG17.

17.4 Education for the SDGs

17.4.1 Does your College & University have a commitment to meaningful education around the SDGs across the University / College, that is relevant and applicable to all students?

Education for SDGs: commitment to meaningful education

Explain and attach evidence /documents supporting your explanation: **NIL**

Evidence: Eg: SDG Handbook mapping SDGs with curriculum.

17.4.2 Does your College & University have dedicated courses (full degrees, or electives) that address sustainability and the SDGs?

Education for SDGs: specific courses on sustainability

Explain and attach evidence /documents: **NIL**

Evidence: Eg: SDG Handbook mapping SDGs with curriculum & Syllabus supporting SDGs.

17.4.3 Does your College & University as body have dedicated outreach educational activities for the wider community, which could include alumni, local residents, displaced people?

Education for SDGs in the wider community

Explain and attach evidence /documents: **NIL**

Evidence: Eg: Newsletters on outreach/ NSS activities/ Alumni activities etc.

1. Guest Lecture on Study in Abroad & Career Opportunities

A guest lecture titled "Study in Abroad & Career Opportunities" was given to PharmD and M.Pharm (Pharmacy Practice) students on July 4, 2024, by the Department of Pharmacy Practice at JSS College of Pharmacy, Mysuru, which is a division of JSS Academy of Higher Education & Research. Alumni Dr. Amal Anand, M.S. Candidate, from Rutgers University-Robert Wood Johnson Medical School, and Dr. Rithika Rajesh, MSPH, from Johns Hopkins Bloomberg School of Public Health were featured at the event. Dr. Rithika Rajesh talked about her experiences studying overseas, highlighting the importance of research opportunities, cutting-edge facilities, international exposure, and intellectual and cultural enrichment in boosting pharmaceutical career possibilities. Dr. Amal Anand described a variety of post-study abroad job paths in academia, clinical trials administration, and pharmaceutical research, emphasizing the value of networking, skill development, and flexibility in global work environments. A lively Q&A session followed the lecture, during which students asked speakers for helpful tips and inspirational remarks on topics such as application procedures, budgetary concerns, and adjusting to international academic settings. Eighty people attended the event, which encouraged future pharmacists to pursue global careers and offered useful information about studying overseas.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5326>

2. Guest Lecture Leveraging computational simulations for optimizing pre-formulation studies in Pharmaceutical Development

A stimulating guest lecture entitled 'Leveraging Computational Simulations for Optimizing Pre-Formulation Studies in Pharmaceutical Development' was held by the Department of Pharmaceutics on July 18, 2024, at 10:00 AM via internet. An eminent assistant professor at SVKM's Narsee Monjee Institute of Management Studies, Deemed to be University, situated on V.L. Mehta Road, Vile Parle (W), Mumbai, Dr. RajaSekhar Reddy Alavala, gave the talk.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5541>

3. Guest Lecture on Recent Trends in QbD Based Nano Delivery Systems

Dr. Khuswant S. Yadav was the distinguished speaker at the Department of Pharmaceutics' informative online guest lecture on "Recent Trends in QbD-Based Nano Delivery Systems" on July 19, 2024, at 11:00 AM. A thorough review of the application of Quality by Design (QbD) principles to the creation of nano delivery systems was given in Dr. Yadav's presentation, which emphasized the significance of Critical Quality Attributes (CQAs), Critical Process Parameters (CPPs), and Critical Material Attributes (CMAs).

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5540>

4. Guest Lecture on Diagnostics: Less explored avenue for opportunities for Pharmacy Professionals

"Diagnostics: Less Explored Avenue for Opportunities for Pharmacy Professionals" was the subject of the guest lecture given by Dr. K.N. Chidambara Murthy, Professor and Dean at Neuberg Anand Academy of Laboratory Medicine, at the JSS College of Pharmacy in Mysore on July 24, 2024. Teaching faculty, M. Pharm, V and VI Pharm D, IV B. Pharm students, and Ph.D. Scholars attended the lecture, which provided a broad overview of pharmacy diagnostics, new developments, its significance in healthcare, possible career routes, research opportunities, and practical applications. New diagnostic technologies, the integration of diagnostics with pharmaceutical practice, the changing role of pharmacists in diagnostics, and closing the gap between laboratory medicine and pharmacy were among the main points of interest. The discussion also addressed difficulties and answers, supporting research and development in diagnostics. The program closed with an interactive Q&A and discussion on current trends and future opportunities, and feedback emphasized the need for further such lectures and prospective cooperation with Neuberg Anand Academy of Laboratory Medicine.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5428>

5. Drug Discovery for Tuberculosis

A guest lecture on "Drug Discovery for Tuberculosis" was given by Dr. Vignesh Anand, Scientist B, ICMR, National Institute of Tuberculosis Research, Chennai, on August 6, 2024, at 12:00 PM in the CADD lab of the Pharmaceutical Chemistry department of JSS College of Pharmacy, Mysore 570 015. The Pharm Chemistry department hosted this guest lecture for M.Pharm. students and PhD candidates. In his talk, Dr. Vignesh Anand used case studies on tuberculosis to highlight the importance of pharmacists in the drug discovery process. The research on numerous trials conducted to choose the best medication regimen for the treatment of tuberculosis was the main focus of the talk. The academics and students engaged in discussions to comprehend some of the fundamentals of TB medication regimens and clinical trials. According to the students and academics, the lecture was highly helpful for their research projects. Dr. BR Prashantha Kumar, an associate professor in the Department of Pharmaceutical Chemistry, organized this guest lecture.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5525>

6. Quality Management System, Out of Specification, Deviation & Change Control

The Department of Pharmaceutical Chemistry at JSS College of Pharmacy Mysuru hosted a guest lecture for students enrolled in I and II M. Pharm programs in Pharmaceutical Analysis, Quality Assurance, Regulatory Affairs, and Pharmaceutical Chemistry on August 24, 2024, a Saturday. Sri. Gurunath Kini, Vice President of Utkarsha Research Laboratory Pvt. Bangalore, opened the meeting at 11:45 AM with a presentation titled "Quality Management System, Out of Specification, Deviation & Change Control." Sri Gurunath Kini has worked in the Quality Assurance Department of the pharmaceutical industry for over 25 years. He has held positions at Strides Arcolab, Microlabs, Hetero Lab, Scicure Pharma Beijing China, and numerous other companies. He talked about regulatory requirements, deviations change control, lab data management, laboratory investigation reports, and quality management systems, in that order. The guest lecture was attended by about fifty students from the I & II M. Pharm programs in Pharmaceutical Chemistry, Quality Assurance, Pharmaceutical Analysis, and Regulatory Affairs. The program was organized and the speakers were welcomed by Dr. Anandkumar Tengli, Associate Professor in the Department of Pharmaceutical Chemistry.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5524>

7. Basics & Advances of Mass Spectroscopy & Its Applications

The Department of Pharmaceutical Chemistry at JSS College of Pharmacy Mysuru hosted a guest lecture for students enrolled in I and II M. Pharm programs in Pharmaceutical Analysis, Quality Assurance, Regulatory Affairs, and Pharmaceutical Chemistry on August 24, 2024, a Saturday. With over 25 years of industrial research expertise, Dr. Hiriyanna Ganesh Bhat, Director of Utkarsha Research Laboratory Pvt. Ltd., has worked in Micro Labs, Totant, Aurobindo, and Cipla. After giving a guest lecture on the subject of "Basics & Advances of Mass Spectroscopy & Its Applications," Dr. Hiriyanna—who specializes in mass spectroscopy, HRMS, and ACPMS—covered the fundamentals and developments of mass spectroscopic techniques, as well as their hyphenations and interpretation, with a primary focus on their advantages in the research field. Students interacted with the speaker. The session started at 10:15 AM and completed at 11:40 AM.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5523>

8. Value-Added Program (VAP) On Data Analysis Using R And Python An Eye Opener

The JSS College of Pharmacy, Mysuru's Department of Pharmacology hosted a two-day Value-Added Program on "Data Analysis using R and Python- An eye opener" for PG, PhD, and final-year Pharm D and B Pharm students on August 29 and 30, 2024. The aforementioned VAP was organized by Dr. K L Krishna, Head of the Department of Pharmacology, with Dr. Saravana Babu, Professor in the Department of Pharmacology, serving as the Coordinator and Mrs. Ambika M S, Lecturer in the Department of Pharmacology, as the Organizing Secretary. Dr. G V Pujar, Vice-Principal of JSS College of Pharmacy, Mysuru, officially launched the program on August 29, 2024. A resource for the VAP, the program's chief guest was Dr. G. Kumarapandian, an assistant professor in the statistics department at Madras Christian College in Chennai.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5556>

9.Webinar On Indian Drug Regulations and Regulatory Compliance

The first speaker on the webcast, Dr. Anandakirouchene, discussed "An Overview on Regulatory Compliance in Pharmaceutical Industry." He briefly explained the significance of regulatory compliance—which is a company's adherence to laws, rules, guidelines, and specifications that are pertinent to its business operations. Ensuring that firms operate within ethical and legal bounds, uphold industry standards, and successfully manage risks is a crucial element of any industry.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5949>

10.Guest Lecture on QA Documents Control System Handling Deviations & Corrective and Preventive Action

Senior Executive Mr. T Ashok of Jubilant Biosys Pharmova Ltd., Mysuru, gave a guest lecture to M.Pharm students at JSS College of Pharmacy, Mysuru, on September 2, 2024. The students were specializing in Pharmaceutical Quality Assurance, Pharmaceutics, Pharmaceutical Regulatory Affairs, and Industrial Pharmacy. Corrective and Preventive Actions (CAPA), addressing deviations, and QA Document Control Systems were the main topics of the seminar. In order to preserve regulatory compliance, Mr. Ashok stressed the significance of preserving the accessibility and integrity of documents pertaining to quality, outlining crucial elements such as creation, approval, version control, distribution, and archiving. After that, the topic of managing deviations was covered, emphasizing the value of root cause analysis and encompassing identification, assessment, recording, investigation, and resolution. The last section explained the initiation, planning, implementation, and verification of corrective and preventative measures, emphasizing CAPA as a crucial process for resolving current issues and averting future ones. With an engaging Q&A at the end of the course, students gained important knowledge and useful insights for their future jobs in quality assurance.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5626>

11.Awareness and Sensitisation Program on Importance of Reporting of Adverse Drug Reaction In Community Settings

In conjunction with the National Coordination Center, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad, AND Special Interest Group (SIG) - Quality & Safe Use of Medicine, the Regional Training Centre for South Zone - PvPI, located at the Department of Clinical Pharmacy, JSS Hospital, Mysuru, organized a Sensitization & Awareness Program on the "Importance of Reporting of Adverse Drug Reaction" on September 20, 2024, for the benefit of community pharmacists and the general public in Mysuru. The campaign was designed to raise awareness and foster a culture of ADR reporting among the public and community pharmacists. Along with Dr. Jaidev Kumar and Dr. Rakshith U R, lecturers in the Department of Pharmacy Practice at JSS College of Pharmacy, JSS AHER, Mysuru, the initiative started by educating and raising awareness among the community pharmacists. Informational materials in Kannada and English explaining the significance of reporting adverse drug reactions (ADRs) and the methods and procedures for doing so were posted at community pharmacies and distributed to patients who visited the pharmacies as well as to the local public to raise awareness of the significance of reporting ADRs.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5629>

12. Health Screening camp at Kurubara halli panchayat hall Siddhartha Layout, Mysuru

As part of the World Pharmacists Day celebrations. On September 21, 2024, the Indian Pharmaceutical Association, Mysuru local branch, in collaboration with the Department of Pharmacy Practice and the NSS Unit of JSS College of Pharmacy, Mysuru, organized a health screening camp at Kurubarahalli, Panchayat Hall, Siddhartha Layout, Mysuru from 10:00 a.m. to 12.30 p.m. The health screening camp aimed to educate Kurubarahalli locals on the significance of regular health monitoring and proper medication use in order to improve their health-related quality of life. Prior to the health screening camp, pourakarmikas (sanitation workers) and Kurubarahalli locals were notified via proper channels by the neighborhood corporator. A total of 52 persons attended the health screening camp for blood pressure and glucose levels. At the time of monitoring, 12 persons had abnormal blood glucose levels, and 5 had higher-than-normal blood pressure. Residents were urged to see a doctor for better management of their ailment. Participants were educated on medication adherence, lifestyle changes, and the prevention and control of blood pressure and diabetic problems. The locals stated that such a program was beneficial to them and suggested that more such camps with an increasing number of diagnostic/screening tests be held in the future.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5628>

13. National Level Medical Device Hackathon MEDHA 2024

National Level Medical Device Hackathon (MEDHA) 2024, Stage I Event Date: September 21st and 28th, 2024. Event Location: Gallery Hall, JSS College of Pharmacy, JSS AHER, Mysuru. Mentored by the Biomedical Engineering and Technology Innovation Centre (BETIC), IIT Bombay (IITB), Mumbai. JSS College of Pharmacy (JSSCP), JSS AHER, Mysuru, in partnership with SPARKLE CINE (Centre for Innovation and Entrepreneurship), JSS AHER, Mysuru, hosted and organized the event. Medical equipment are essential for an improved healthcare system. Indigenous creation of unique, suitable, dependable, and affordable devices has a positive societal impact and creates high-value jobs. JSS Academy of Higher Education and Research (JSS AHER) in Mysuru held the National Level Medical Device Hackathon (MEDHA) 2024 under the supervision of Biomedical Engineering and Technology Innovation Centre (BETIC) at IIT Bombay (IITB), Mumbai. MEDHA 2024 Stage-I was held on September 21 and 28, 2024, at JSS College of Pharmacy (JSSCP), JSS AHER, Mysuru, in partnership with SPARKLE CINE (Centre for Innovation and Entrepreneurship), Mysuru. The event was held in collaboration with JSS Medical College (JSSMC) and JSS Hospital, JSS Dental College and Hospital (JSSDC), the School of Life Sciences at JSS Science and Technology University, and Sri Jayachamarajendra College of Engineering (SJCE) in Mysuru.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5932>

14. Triple P-Protocol, Project & Publication Value-Added Program

On October 25-26, 2024, the Department of Pharmacology at JSS College of Pharmacy in Mysuru hosted a thorough two-day event titled 'Triple P - Protocol, Project & Publication' in the Sri Rajendra Auditorium. The program sought to improve participants' knowledge of research methodology, project planning, funding acquisition, and scholarly publication. This effort demonstrates JSS College's commitment to encouraging academic achievement by combining experiential learning with practical application, which benefits students, researchers, and faculty in pharmacology and biomedical sciences. The key goals of the 'Triple P' initiative were: 1. Increase Knowledge of Research Protocols: Provide participants with core research principles, stress management techniques, and effective methodologies for ensuring the integrity and effectiveness of research initiatives. 2. Improve Project Proposal Skills: Learn how to write research proposals that meet funding requirements and increase chances of getting funds. 3. Improve Manuscript Preparation and Publication Success: Teach

participants how to write and structure research manuscripts to increase their chances of getting published in high-impact journals.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5825>

15.Report on Health Screening Camp-November 2024

As part of the National Pharmacy Week Celebrations-2024, the Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru, in collaboration with the Indian Pharmaceutical Association, Mysuru Local Branch, held a Health Screening Camp at S S Nagar Park. The goal of the health screening camp was to raise public awareness about the significance of frequent health monitoring and pharmaceutical safety, which matches with this year's National Pharmacy Week theme, 'Think Health, Think Pharmacy'. During the camp, participants were checked for blood pressure and glucose levels. A total of 72 participants had their blood pressure and glucose levels measured. During monitoring, 19 patients had high blood glucose levels and 12 had elevated blood pressure. People with increased blood pressure and blood glucose levels were recommended to seek non-pharmacological management, such as lifestyle changes, and to visit a physician for further evaluation and treatment. We thank the Principal of JSS College of Pharmacy in Mysuru and the IPA Mysore local branch for their assistance and encouragement in organizing this camp.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5738>

16.Guest Lecture on Recent Advances in Drug Delivery Systems by Dr T Geetha

The Department of Pharmaceutics will provide an entertaining guest lecture on "Recent Advances in Drug Delivery Systems" at 11:30 a.m. on November 16, 2024. Dr. Geetha was the session's respected speaker, and she offered an enlightening talk on drug delivery technology innovations, including a full overview of Conventional DDS, Controlled DDS, and Novel DDS. Recent innovations in release mechanisms include Diffucaps (once-daily dosage forms), Liquitime, oral thin films, Sloumer, Duo Caps, and adhesive pills. Her lecture also focused on nano-delivery systems such as liposomes, dendrimers, micellar nanoparticles, polymeric nanoparticles, nano capsules, nanospheres, nano shells, solid lipid nanoparticles, carbon nanotubes, nanosuspensions, and microemulsions. She spoke about their evolving role in improving medication solubility, targeted delivery, and therapeutic efficacy.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5785>

17.Guest Lecture on Artificial intelligence and machine learning tools in drug discoveries

All teachers, PhD scholars, M Pharm, and graduate students attended a guest presentation on "Artificial intelligence and machine learning tools in drug discovery" on Monday, December 2, 2024, at 12 p.m. in the CADD lab. The issue piqued the audience's interest, and they participated actively. Approximately 30 people participated and expanded their knowledge on artificial intelligence and machine learning. It assisted them in designing research projects including artificial intelligence and machine learning. All participants gave outstanding feedback.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5912>

18. Report on Guest Lecture on Professional Development for Pharm D students

A guest lecture on "Professional Development for PharmD Students" was held on December 9, 2024, by the Department of Pharmacy Practice at JSS College of Pharmacy, Mysuru. The seminar was attended by roughly 72 students from the IV & V Pharm D program. The guest lecturer was Dr. Shloka Suresh Sahetya, a graduate intern from Albany College of Pharmacy and Health Sciences in the United States with a BSPS and a PharmD. At the outset, Dr. Shloka talked about the differences between the PharmD program curricula in the United States and India. She then emphasized how crucial it is for PharmD students to keep their resumes up to date. Dr. Shloka also stressed the value of networking with pharmaceutical experts at various events and forums.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5922>

19. Yusuf Hamied Royal Society of Chemistry Camp

The Yusuf Hamied Chemistry Camp will take place for three days from December 9–11, 2024, in the Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Mysuru, JSS Academy of Higher Education & Research, Mysuru Organized and Coordinated by Dr B M Gurupadayya. The JSS Academy of Higher Education & Research, Mysuru, and the Royal Society of chemical, India (a division of the RSC, UK) are working together to host this chemical camp. Promoting and igniting schoolchildren's interest in chemistry is the program's primary goal. This camp was attended by ninety-three ninth-grade kids from different government schools in the districts of Belgaum, Gadag, Dharwad, Haveri, and Chikkodi in Mysuru (both rural and urban).

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5911>

20. Value-Added Course: Hands-on Training in Basics of Clinical Research: A Report

Overview of the Program On December 18–19, 2024, the value-added program for practical instruction in the fundamentals of clinical research was effectively carried out at Lecture Hall 02, JSSH, Mysuru. Proceedings of Day 1 Keerthana R. coordinated registration and the pre-test before the program started. Dr. Pratibha Pereira, the first speaker, gave a thorough 50-minute talk on ethical issues in clinical research, going over significant turning points and fundamentals of sound clinical practice. Dr. Rovin M. Theempalangad's talk on the clinical trial procedure, including its phases, benefits, and drawbacks, kicked off the second day. Among the later speakers were: 1. Ramya U, who spoke about reporting serious adverse events, emphasized the importance of taking a thorough medical history and reporting adverse drug reactions. 2. Keerthana R, who dealt with the activities of clinical trial monitoring. 3. Miss Yashaswini, who talked about filling out case report forms with patient data. Evaluation and Post-Test Under the direction of Miss Keerthana R and Miss Keerthana D S, the last session included a post-test and a Q&A period. Responses from participants were gathered via a QR code and recorded in a Google Excel document for later program success analysis.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5923>

21. Report of conduct of Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) program for Pharm D Interns

The Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) training program for Pharm D interns was conducted in January 2025 at JSS AHER Skills & Simulation Lab by the Department of Pharmacy Practice in collaboration with the Skills Lab. Students were divided into two batches, with study materials provided in advance, and a repeat session organized for absentees or those who scored below the qualifying mark. Day 1 focused on BLS, covering the Chain of Survival, CPR techniques, AED use, and an MCQ-based exam. Day 2 included a pre-test followed by ACLS training on ECG interpretation, emergency pharmacology, airway management, and simulated Megacode sessions, emphasizing STEMI, stroke care, and team-based resuscitation. Day 3 involved final Megacode evaluations, assessing students through simulated emergency scenarios and practical exams to test teamwork, critical decision-making, and emergency management skills. The program aimed to ensure students demonstrated comprehensive life-saving skills and readiness for real-world clinical emergencies.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5995>

22. Women's Health Awareness Program at the Exhibition of Suttur Jatra from 26th to 31st January 2025

The Indian Pharmaceutical Association (IPA) Mysuru Local Branch organized a Women's Health Awareness Program during the Suttur Jatra Exhibition from 26th to 31st January 2025 with the theme "Empower, Educate, and Enable – Promoting Women's Health for a Better Future." The initiative focused on menstrual health, hygiene, and awareness about breast and cervical cancer, alongside free sanitary pad distribution and promoting menstrual cups as a sustainable alternative. The program aimed to empower women to take charge of their reproductive health, educate them on hygiene practices and preventive healthcare, and enable informed health decisions. Over 2000 people were counselled, and about 2000 voluntarily registered for free cervical cancer screening. The campaign also addressed myths around menstrual and reproductive health, offering practical guidance on various menstrual care products. The initiative saw enthusiastic participation from the community and heartfelt support from Suttur Jatra organizers, JSS College of Pharmacy, Jeeva Raksha Surgicals & Pharmaceuticals, and Jan Aushadh.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5987>

23. Online guest lecture on New Trends in Vaccine Technology

The Department of Pharmaceutical Biotechnology, JSS College of Pharmacy, Mysuru, organized an online guest lecture on "New Trends in Vaccine Technology" on 7th February 2025 via Google Meet. The session was delivered by Dr. Vasanth Raj Palanimuthu, Assistant Professor at Queen's University of Belfast, UK, and saw active participation from faculty, research scholars, and M. Pharm students. Dr. Palanimuthu's insightful presentation covered recent advancements in vaccine technology, including mRNA vaccines, vector-based vaccines, nanoparticle-based delivery systems, and current challenges in vaccine development. He highlighted the role of biotechnology in improving vaccine efficacy and safety. An engaging Q&A session followed, fostering discussions on future research prospects. The event concluded with a vote of thanks by Dr. J Suresh, acknowledging the speaker's valuable contribution and participants' involvement. The session proved highly informative, enriching attendees' understanding of modern vaccine technologies.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=5973>

24. Health Screening Camp at Bidaralli

As part of the NSS Special Camp 2025, the Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru, in collaboration with the NSS Unit, organized a Health Screening Camp on 20th February 2024 to raise public awareness on regular health monitoring and safe medication use. During the camp, 60 individuals were screened for blood pressure and blood glucose levels. Among them, 28 people showed elevated blood glucose levels and 18 had high blood pressure readings. Those with abnormal values were counselled on non-pharmacological measures like lifestyle modifications and advised to seek medical consultation for further evaluation and management. The department extended heartfelt thanks to the principal.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=6002>

25. Guest lecture on Unravelling Metabolic Vulnerabilities of Glioblastoma

The Department of Pharmaceutical Biotechnology, JSS College of Pharmacy, Mysuru, organized a guest lecture on “**Unravelling Metabolic Vulnerabilities of Glioblastoma**” on 6th March 2025. The session was delivered by **Dr. Nirmal Robinson**, Head of the Cellular Stress and Immune Response Laboratory, Centre for Cancer Biology, University of South Australia. Dr. Robinson provided an insightful overview of glioblastoma’s metabolic landscape, highlighting key survival pathways, potential therapeutic targets, the role of cellular stress, and emerging approaches in immunotherapy and precision medicine. An interactive Q&A session followed, with active participation from faculty, research scholars, and students, discussing challenges and opportunities in glioblastoma treatment and research. The session concluded with a vote of thanks by **Dr. J Suresh**, appreciating Dr. Robinson’s valuable contribution. The event was well-attended and highly informative, enhancing participants’ understanding of glioblastoma research trends and therapeutic innovations.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=6027>

26. Report on Student Awareness Visit on Drought-Tolerant and Water-Consumption plants

An awareness visit to the JSSCPM Herbal Garden, with an emphasis on drought-tolerant and water-consuming plants, was arranged by the Department of Pharmaceutical Biotechnology for first-year B.Pharm students on April 29, 2025. As part of the excursion, students were taught how to manage water resources, how plants help conserve water, and how to distinguish between water-intensive and drought-tolerant plant species—all of which are in line with Sustainable Development Goal 6 (SDG 6). An overview of SDG 6 was given, along with interactive talks, practical demonstrations of xerophytic plants, and an identification walk to compare drought-tolerant species like cacti, agave, neem, bougainvillea, and aloe vera against water-consuming ones like eucalyptus, bamboo, and banana. Students were urged to promote responsible water-saving behaviors in their communities by the program, which placed an emphasis on sustainable planting methods that boost native species and discourage water-intensive ones. The visit encouraged involvement and environmental responsibility; future initiatives include organizing awareness campaigns, holding plantation drives, and incorporating environmental education into the curriculum. Dr. Rajaguru A., Assistant Professor in the Pharmaceutical Biotechnology Department at JSS College of Pharmacy in Mysuru, Submitted the report.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=6277>

27.Report on SDG 6 Event: Water Analysis Test

In order to evaluate drinking water quality at the college, ladies' hostel, and boys' hostel in Mysuru, Karnataka, India, IV Pharm D students participated in a "SDG 6 Water Analysis Test" event led by Dr. Rajaguru A from the Department of Pharmaceutical Biotechnology on July 5, 2025. Samples were gathered, and characteristics like pH, turbidity, total dissolved solids (TDS), and chemical and biological pollutants were tested. The findings showed that all examined water sources had minimal turbidity, safe pH levels, allowable TDS, and no discernible biological or hazardous chemical contaminants, all of which fell below acceptable drinking water parameters. In accordance with Sustainable Development Goal 6, the event effectively informed students about water quality and safety, demonstrating the efficacy of current water treatment methods. It ended with suggestions for ongoing infrastructure maintenance, awareness campaigns, and monitoring to maintain high water quality standards.

<https://jssuni.edu.in/jssaher/activities-and-events/ActivityAndEventDetail.aspx?NOTICESID=6278>

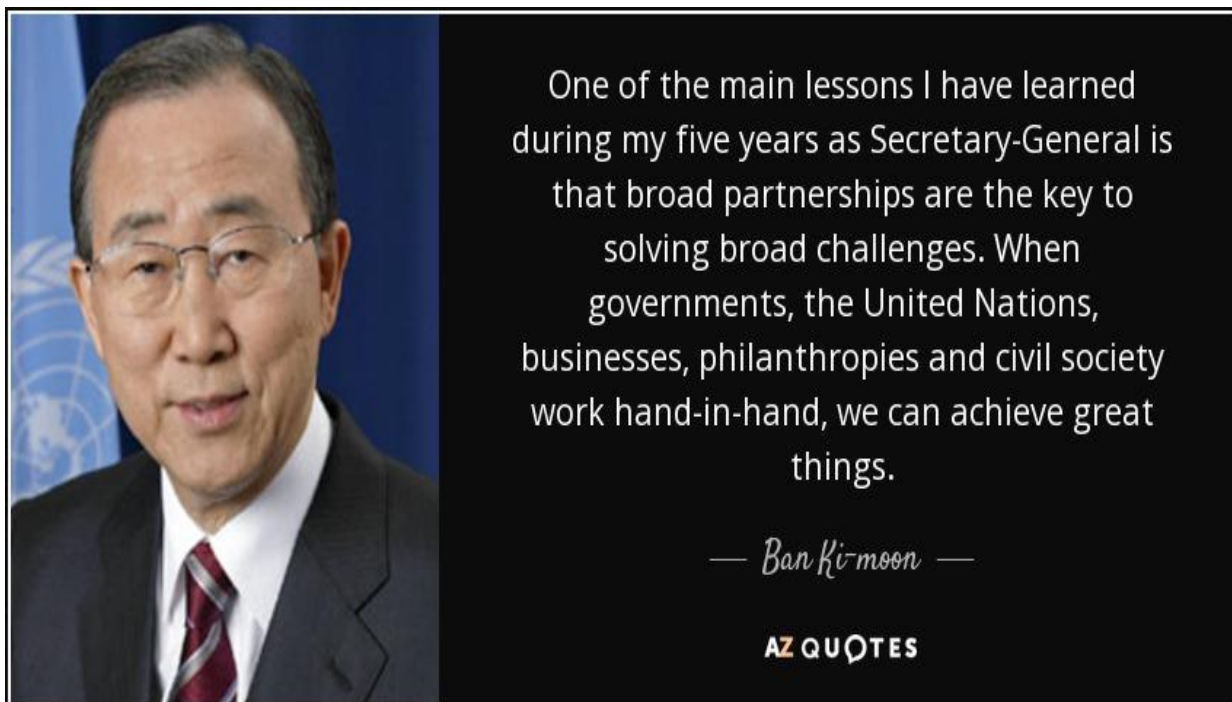


ABOUT SDG 17- PARTNERSHIP FOR THE GOALS

Sustainable Development Goal 17 (SDG 17), known as "partnerships for the goals," aims to strengthen global collaboration for sustainable development. It encourages nonhegemonic and fair cross-sector and cross-country partnerships to achieve all the goals by 2030.

SDG 17 envisions improved and equitable trade, coordinated investments, and cooperation between developed and developing nations, using the SDGs as a shared framework. It seeks to enhance international trade and the trading system through 17 targets in finance, technology, capacity building, trade, and systemic issues, measured by 25 indicators.

Despite progress, meeting the required investment remains a challenge, and humanitarian crises continue to demand aid. Notably, significant challenges persist in various regions, including economically strong areas like the United States and Europe.



Ban Ki-moon, Former Secretary-General of the United Nations

OUR INITIATIVES FOR PARTNERSHIP FOR THE GOALS (SDG 17)

The College & University has a body have direct involvement in SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management.

JSSAHER'S and JSS College of Pharmacy Ooty commitment towards such Social Responsibility is an approach of ethical and intelligent management, which involves both its impact on its human, social and natural context, and its active role in the promotion of Sustainable Human Development of the country.

This is achievable by-

- Partnership with Industries, Hospitals and Institutions
- Inclusive Environment for promoting new innovative ideas and entrepreneurship
- Implement Ethical Education to SDGs

Innovation and Entrepreneurship

Within this approach, "Sustainable Campus" in JSS College of Pharmacy Ooty strives to reduce the ecological footprint of the Institution via a rational use to educate the JSSAHER community on the ethics of sustainability. Sparkle Cine is one such Initiative by the University to which the college actively play a role in this.

- 1) SPARKLE CINE - an initiative under JSS AHER is a company that offers access to pre-incubation & Incubation facilities to start ups by students, staff and faculty, licensing of IPR from institute to start-up, working part-time for the startups while studying or working. Student inventors are allowed to opt for startup in place of their project work, internship and trainings. SPARKLE CINE helps the students in mentorship support on regular basis and facilitates technology development, ideation, creativity, design thinking, fund raising, financial management, cash-flow management, new venture planning, business

development, product development, social entrepreneurship, product costing, marketing, brand development, human resource management as well as law and regulations impacting a business.

The weblinks to support this-

- <https://jssaherstorage.blob.core.windows.net/jssuudstorage/udpdocs/hand-book-on-SDGs-JSS-Academy-of-Higher-Education-and-Research.pdf>
- <https://jssuni.edu.in/jssaher/sparklecine/>

- 2) The Innovation strategy of the college and University has enabled students and faculty to actively engage in innovation and entrepreneurship related activities. JSS AHER Innovation strategy facilitates development of an entrepreneurial ecosystem in the constituent colleges, with specific objectives associated with performance indicators for assessment. Such practices and innovations have paved ways for tackling the SDGs through research and entrepreneurship.

- <https://jssuni.edu.in/JSSWEB/UDHP.aspx?PID=631>



Ethical Education by Handbook on SDGs

The college occupies a unique position within society. With a broad remit around the creation and dissemination of knowledge, universities have long been powerful drivers of global, national and local innovation, economic development, and societal wellbeing. As such, College play a critical role in the achievement of the SDGs and will also greatly benefit from engaging with them. This is achieved by imparting the knowledge of SDGs in every course we provide and emphasise the impact of each goal in the curriculum. For which a hand book is prepared by the University to all constituent Colleges.

<https://jssaherstorage.blob.core.windows.net/jssuudstorage/udpdocs/hand-book-on-SDGs-JSS-Academy-of-Higher-Education-and-Research.pdf>

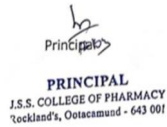
The College by its regular learning and teaching activities – including undergraduate and graduate teaching, professional training, executive and adult education, online learning, cocurricular activities, student clubs and societies – portrays the impact of all 17 goals of SDGs. Such impact is elaborated in handbook by the University.

<https://jssaherstorage.blob.core.windows.net/jssuudstorage/udpdocs/hand-book-on-SDGs-JSS-Academy-of-Higher-Education-and-Research.pdf>

SDG Compendium- JSS College of Pharmacy, Ooty

The SDG Compendium is a comprehensive and user-friendly book that encapsulates the United Nations' Sustainable Development Goals (SDGs). The Compendium is structured to provide detailed information on each of the 17 SDGs, covering their targets, indicators, and relevant data in the Institution. It offers a holistic view of the interconnected nature of the goals, emphasizing the importance of addressing all dimensions of sustainable development, including social, economic, and environmental aspects. By promoting knowledge sharing and inspiring innovative approaches to all, the SDG Compendium aims to mobilize global efforts towards building a more equitable, prosperous, and sustainable future for all. The published compendiums of JSS College of Pharmacy Ooty in shown in the webpage-

<https://jssuni.edu.in/issaaher/college-of-pharmacy-ooty/cpo-sustainable-development-goals.html>



DHSMs

Details aligning to this goal:

The Department of Health System Management Studies, JSSAHER in association with JSS Medical College, JSSAHER currently has three collaborative research activities with BIDMC, Harvard Medical School, Boston USA.



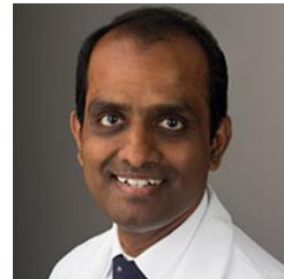
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Harvard Medical School

Institutional Ethics Committee Approval Certificates obtained from JSS Medical College

JSS MEDICAL COLLEGE	JSS MEDICAL COLLEGE	JSS MEDICAL COLLEGE
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INSTITUTIONAL ETHICS COMMITTEE IEC Registration ECR/387/Ins/K/2013/RR-19 NABH Accreditation Certificate No. EC-CT-2018-0018 CERTIFICATE This is to certify that the below mentioned Project was discussed and reviewed and the same has been cleared and approved by the Institutional Ethics Committee at its meeting held on 18.02.2022 at College Council Hall, JSS Medical College, Mysore. Title of Project A pilot study to determine the incidence and prevalence of diabetes mellitus among yoga practitioners Principal Investigator Dr. Kanakavalli K. Kundury Assistant Professor, Dept of Health system Management Studies, JSS AHER, Mysore Co-Principal Investigator Dr. H. Basavanna Gowdappa Principal, JSS Medical College & Hospital Mysore Co-Principal Investigator Dr. Balachundhar Subramaniam, MD MPH Professor of Anesthesiology, Harvard Medical School Director, Sadhguru Centre for Conscious Planet, Beth Israel Deaconess Medical Center, Harvard Medical School and Teaching Hospital, Boston, Massachusetts, USA - Jaha Foundation, Coimbatore, Tamilnadu, India Co-Investigator Dr. H. Basavanna Gowdappa Principal, JSS Medical College, JSS Academy of Higher Education & Research, Mysore	INSTITUTIONAL ETHICS COMMITTEE IEC Registration ECR/387/Ins/K/2013/RR-19 NABH Accreditation Certificate No. EC-CT-2018-0018 CERTIFICATE This is to certify that the below mentioned Project was discussed and reviewed and the same has been cleared and approved by the Institutional Ethics Committee at its meeting held on 01.12.2022 at College Council Hall, JSS Medical College, Mysore. Title of Project Prevalence of mystical experiences with yoga & meditation Principal Investigator Dr. Kanakavalli K. Kundury Assistant Professor, Department of Health system Management Studies, JSS Academy of Higher Education & Research, Mysore Co-Principal Investigator Dr. Balachundhar Subramaniam Professor, Department of Anesthesia, Critical Care and Pain Medicine, Director, Sadhguru Center for Conscious Planet, WCC-540, Beth Israel Deaconess Medical Center, One Deaconess Road, Boston, MA 02215, USA Co-Investigator Dr. H. Basavanna Gowdappa Principal, JSS Medical College, JSS Academy of Higher Education & Research, Mysore	INSTITUTIONAL ETHICS COMMITTEE IEC Registration ECR/387/Ins/K/2013/RR-19 NABH Accreditation Certificate No. EC-CT-2018-0018 CERTIFICATE This is to certify that the below mentioned Project was discussed and reviewed and the same has been cleared and approved by the Institutional Ethics Committee at its meeting held on 24.03.2023 at College Council Hall, JSS Medical College, Mysore. Title of Project To assess the impact of yoga on personality changes and life style modifications Principal Investigator Dr. Kanakavalli K. Kundury Assistant Professor, Department of Health system Management Studies, JSS Academy of Higher Education & Research, S. S. Nagar, Mysore - 570 015 Co-Principal Investigator Dr. Balachundhar Subramaniam Professor, Department of Anesthesia, Critical Care and Pain Medicine, Director, Sadhguru Center for Conscious Planet, WCC-540, Beth Israel Deaconess Medical Center, One Deaconess Road, Boston, MA 02215, USA Co-Investigator Dr. H. Basavanna Gowdappa Principal, JSS Medical College, JSS Academy of Higher Education & Research, S. S. Nagar, Mysore - 570 015
MEMBER SECRETARY Dr. S. S. Nagaraj MD, Pharmacology Member Secretary	MEMBER SECRETARY Dr. Shivaprakash S MD, Pharmacology, PGD Member Secretary	MEMBER SECRETARY Dr. Shivaprakash S MD, Pharmacology, PGD Member Secretary

Department MoU with healthcare quality accreditation bodies
CAHO (Consortium of Accredited Healthcare Organization)



With the growing number of healthcare organizations achieving NABH, NABL, and JCI accreditation, there has been a need for a common platform that will facilitate communication amongst accredited HCOs and share best practices. Collaborations with stakeholders, continuous training on new standards would improve quality and safety of healthcare services. In this context, The Department of Health Systems Management Studies is offering a Certificate Program developed by CAHO in quality and accreditation to the students as collaboration activity. The participants will be empowered with the knowledge and skills to handle the quality and accreditation process in healthcare organizations.

The Program is titled “Certificate Program in Quality & Accreditation (CPQA)

- Target Audience-MBA Healthcare, PGDM-Healthcare, Nursing, Dental Surgeon Students
- The Program will be led by CAHO and will nominate its representatives/faculty who will take the program forward
- Certification will be Jointly done by both the Organizations

Placements

The Department of Health System Management Studies also has a placement co-ordinator and committee which gives placement assistance to the final year of students. Students of (2022-2023) batch were placed at different hospitals in and around Karnataka with designations ranging from Hospital co-ordinator, Trainee Key Accounts Manager, Trainee Business Development Executive, NABH coordinator, Customer Relationship Management, Manager, Floor coordinator, Nursing staff, Human Resource Manager, Front office executive, and Medical officer of the day and more than 80% (2022-2023 batch) of the students have been placed across all the sectors of healthcare.

Our Top Recruiters:



Industry visits, Hospital visits, and interactive learning

The industrial visit program is spread across the curriculum at regular intervals where the students are taken to various health care settings to understand the various organization,

their approaches, mission, vision, organization plan, problems, and their prospects which an administrator be aware of.

The Department of Health System Management Studies had arranged for industrial visits to the under-graduate and post-graduate student. Details are as below:

Visit to Kasturba Medical College and Hospital, Manipal

The visit was scheduled on the 9th July 2024 from 10 am to 2 pm. 18 students from the final semester MBA, accompanied by five faculty Dr. Divya, Dr. Shalini, Dr. Sujay MJ, Mr. Chethan Kumar, and Mr. Mahadevswamy visited the hospital. Operations team led by Mr. Jibu Thomas, Mr. Samith, and Dr. Ekta Tandon interacted with the students and explained the hospital and the facilities to them. Students were divided into 2 groups and visited the various areas of the hospital like OPD, Wards (general and special wards), Radiology, Insurance, MRD, CSSD, Chute Operation System, and OPD Front Office.



The Department of Health System Management Studies has arranged for an industrial visit for final year BBA students from 27th till 30th May 2025. Students of 6th semester BBA along with faculty had visited Karwar District Hospital and AJ Medical college and hospital, Mangalore. A total of 26 students from the final semester BBA were accompanied by three faculty Dr Kankavalli K. Kundury , Mr Gurulingu and Dr. Mahadevswamy R.M. for the visit.

The industrial visit started on 27th from The University campus, students along with faculty had visited The District Hospital, Karwar on 28th May 2025. The hospital

authorities have explained to students the functioning of various patient care services, registration and billing processes, medical record management and hospital information system services. Students felt that it was indeed a different experience visiting a government healthcare setup, which helped in enhancing their knowledge. On 29th May, students along with faculty have visited AJ hospital, Mangalore. The hospital tour began with a brief power point presentation on AJ hospital by the staff. The operations team led by Mr. Preetam interacted with the students and explained the hospital and the facilities. Students were divided into 3 groups and taken for tour of various areas of the hospital like OPD, Wards (general and special wards), Radiology, Central Laundry, Central Kitchen, CSSD, and OPD Front Office. The department welcomed the idea of students doing internships during vacation, and short-term projects that would benefit the hospital. The visit helped the students not only in enhancing their knowledge and providing opportunity for learning but also provided scope for furthering the activities in terms of internship and project work.



17. PARTNERSHIP FOR THE GOALS (SDG 17)

Details Related to SDGs	Evidence with documents	Weblink to support the details
17.1 Research into partnership for the goals ➤ Partnership for the goals: publications Research supporting SDG 17: Research on Partnership for the Goals (List of publications reflecting the research towards Partnership for the Goals in Vancouver style) ➤ Proportion of output co-authored with low-income countries.		
17.2 Relationships to support the goals.		
17.2.1 Does your College & University have direct involvement in, or input into, national government or regional non-government organizations SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management? Relationships with NGOs and government for SDG policy	Explain and attach evidence /documents supporting your explanation	
Evidence		

Any other Comments:		
17.2.2 Does your College & University initiate and participate in cross-sectoral dialogue about the SDGs, e.g. conferences involving government / NGOs? Cross sectoral dialogue about SDGs	Explain and attach evidence /documents supporting your explanation	
Evidence		
Any other Comments:		
17.2.3 Does your College & University participate in international collaboration on gathering or measuring data for the SDGs? <i>(International collaboration data gathering for SDG)</i>	Yes – Explain and attach evidence /documents supporting your explanation	
Evidence		
Any other Comments:		
17.2.4 Does your College & University as a body, through international collaboration and research, review comparative approaches	Explain and attach evidence /documents supporting your explanation	

and develop international best practice on tackling the SDGs? Collaboration for SDG best practice		
Evidence		
Any other Comments:		
17.2.5 Does your College & University collaborate with NGOs to tackle the SDGs. Collaboration with NGOs for SDGs	Explain and attach evidence /documents supporting your explanation	
Evidence		
Any other Comments:		
17.3 Publication of SDG reports		
17.3.1 Please indicate if your College & University publishes progress against SDG1	Yes	https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG1		
Any other Comments:		
17.3.2 Please indicate if your College & University publishes progress against SDG2.	Yes	https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG2		
Any other Comments:		
17.3.3 Please indicate if your College & University publishes progress against SDG3.	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG3		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.4 Please indicate if your College & University publishes progress against SDG4.	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG4		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.5 Please indicate if your College & University publishes progress against SDG5.	Overall report or separate report Explain and attach evidence /documents	

Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG5		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.6 Please indicate if your College & University publishes progress against SDG6	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG6		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.7 Please indicate if your College & University publishes progress against SDG7	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG7		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.8 Please indicate if your College & University publishes progress against SDG8	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG8		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		

17.3.9 Please indicate if your College & University publishes progress against SDG9	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG9		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.10 Please indicate if your College & University publishes progress against SDG10	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG10		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.11 Please indicate if your College & University publishes progress against SDG11	Overall report or separate report Explain and attach evidence /documents supporting your explanation	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG11		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.12 Please indicate if your College & University publishes progress against SDG12	Overall report or separate report	

	Explain and attach evidence /documents supporting your explanation	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG12		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
A n y o t h e r C o m m e n t s :		
17.3.13 Please indicate if your College & University publishes progress against SDG13	Overall report or separate report Explain and attach evidence /documents supporting your explanation	
Evidence: Eg:SDG Compendium, News Letters, NSS Report supporting activities on SDG13		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html

Any other Comments:		
17.3.14 Please indicate if your College & University publishes progress against SDG14	Overall report or separate report Explain and attach evidence /documents supporting your explanation	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG14		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.15 Please indicate if your College & University publishes progress against SDG15	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG15		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.3.16 Please indicate if your College & University publishes progress against SDG16	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG16		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html

Any other Comments:		
17.3.17 Please indicate if your College & University publishes progress against SDG17	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG17		https://jssuni.edu.in/jssaher/medical-college/mch-sdg-compendium.html
Any other Comments:		
17.4 Education for the SDGs		
17.4.1 Does your College & University have a commitment to meaningful education around the SDGs across the University / College, that is relevant and applicable to all students? Education for SDGs: commitment to meaningful education	Yes Department wise SDG handbooks on curriculum is prepared and submitted to the university	
Evidence: Eg: SDG Handbook mapping SGDs with curriculum		
Any other Comments:		
17.4.2 Does your College & University have dedicated courses (full degrees, or electives) that	Yes Department of Environmental Science has course on sustainable	

address sustainability and the SDGs? Education for SDGs: specific courses on sustainability	development and eco-tourism.	
Evidence: Eg: SDG Handbook mapping SDGs with curriculum & Syllabus supporting SDGs	https://jssuni.edu.in/jssaher/departments-of-environmental-sciences/departments-of-environmental-sciences-home.html	
Any other Comments:		
17.4.3 Does your College & University as body have dedicated outreach educational activities for the wider community, which could include alumni, local residents, displaced people? Education for SDGs in the wider community	Yes Division of Geoinformatics has IIRS-ISRO outreach nodal center that organizes various online course proposed by IIRS Dehradun.	https://www.jssuni.edu.in/jssaher/School-of-LifeSciences-Mysuru/division-of-geoinformatics.html
Evidence: Eg: Newsletters on outreach/ NSS activities/ Alumni activities etc.	https://alumni.jssslsm.jssuni.edu.in/ https://www.jssuni.edu.in/jssaher/School-of-LifeSciences-Mysuru/student-support.html	
Any other Comments:		

17.4.4 - Does your College & university as a body measure the sustainability literacy of students?		
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SLS, Ooty

17. PARTNERSHIP FOR THE GOALS (SDG 17)

Details Related to SDGs	Evidence with documents	Weblink to support the details
17.1 Research into partnership for the goals ➤ Partnership for the goals: publications: NIL Research supporting SDG 17: Research on Partnership for the Goals (List of publications reflecting the research towards Partnership for the Goals in Vancouver style) ➤ Proportion of output co-authored with low-income countries.		
17.2 Relationships to support the goals.		
17.2.1 Does your College & University have direct involvement in, or input into, national government or regional non-government organizations SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management? Relationships with NGOs and government for SDG policy	NIL	
Evidence		

Any other Comments:		
17.2.2 Does your College & University initiate and participate in cross-sectoral dialogue about the SDGs, e.g. conferences involving government / NGOs? Cross sectoral dialogue about SDGs	NIL	
Evidence		
Any other Comments:		
17.2.3 Does your College & University participate in international collaboration on gathering or measuring data for the SDGs? <i>(International collaboration data gathering for SDG)</i>	NIL	
Evidence		
Any other Comments:		
17.2.4 Does your College & University as a body, through international collaboration and research, review comparative approaches and develop	NIL	

international best practice on tackling the SDGs? Collaboration for SDG best practice		
Evidence		
Any other Comments:		
17.2.5 Does your College & University collaborate with NGOs to tackle the SDGs. Collaboration with NGOs for SDGs	NIL	
Evidence		
Any other Comments:		
17.3 Publication of SDG reports		
17.3.1 Please indicate if your College & University publishes progress against SDG1	NIL	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG1		
Any other Comments:		
17.3.2 Please indicate if your College & University publishes progress against SDG2.	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG2		
Any other Comments:		
17.3.3 Please indicate if your College & University publishes progress against	Overall report or separate report Explain and attach evidence /documents	

SDG3.		
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG3		
Any other Comments:		
17.3.4 Please indicate if your College & University publishes progress against SDG4.	Overall report or separate report Explain and attach evidence /documents	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG4		
Any other Comments:		
17.3.5 Please indicate if your College & University publishes progress against SDG5.	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG5		
Any other Comments:		
17.3.6 Please indicate if your College & University publishes progress against SDG6	YES.	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG6		
Any other Comments:		
17.3.7 Please indicate if your College & University publishes progress against SDG7	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG7		

Any other Comments:		
17.3.8 Please indicate if your College & University publishes progress against SDG8	NIL	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG8		
Any other Comments:		
17.3.9 Please indicate if your College & University publishes progress against SDG9	NIL	
Evidence: Eg: SDG Compendium, Newsletters, NSS Report supporting activities on SDG9		
Any other Comments:		
17.3.10 Please indicate if your College & University publishes progress against SDG10	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG10		
Any other Comments:		
17.3.11 Please indicate if your College & University publishes progress against SDG11	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG11		
Any other Comments:		
17.3.12 Please indicate if	NIL	

your College & University publishes progress against SDG12		
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG12		
Any other Comments:		
17.3.13 Please indicate if your College & University publishes progress against SDG13	NIL	
Evidence: Eg:SDG Compendium, News Letters, NSS Report supporting activities on SDG13		
Any other Comments:		
17.3.14 Please indicate if your College & University publishes progress against SDG14	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG14		
Any other Comments:		
17.3.15 Please indicate if your College & University	NIL	

publishes progress against SDG15		
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG15		
Any other Comments:		
17.3.16 Please indicate if your College & University publishes progress against SDG16	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG16		
Any other Comments:		
17.3.17 Please indicate if your College & University publishes progress against SDG17	NIL	
Evidence: Eg: SDG Compendium, News Letters, NSS Report supporting activities on SDG17		
Any other Comments:		
17.4 Education for the SDGs		
17.4.1 Does your College & University have a commitment to meaningful education around the SDGs across the University / College, that is relevant	YES. College offers courses that address commitment to meaningful education such as cyber security, digital fluency, health and wellness, Indian constitution, and professional and society communication	https://jssaherdata lake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-cyber-security.pdf https://jssaherdata lake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-cyber-security.pdf

and applicable to all students? Education for SDGs: commitment to meaningful education		https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-digital-fluency.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-health-and-wellness.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-indian-constitution.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-professional-and-society-communication.pdf
Evidence: Eg: SDG Handbook mapping SGD's with curriculum	Curriculum & Syllabus addressing commitment to meaningful education are attached and its weblink is given here	https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-cyber-security.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-digital-fluency.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-health-and-wellness.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-indian-constitution.pdf

		https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-1-professional-and-society-communication.pdf
Any other Comments:		
17.4.2 Does your College & University have dedicated courses (full degrees, or electives) that address sustainability and the SDGs? Education for SDGs: specific courses on sustainability	YES. College offers courses that address sustainability and SDGs such as environmental studies, ethics and self-awareness, pharmacovigilance, biosafety and bioethics	https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-2-environmental-studies.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-2-ethics-and-self-awareness.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-2-pharmacovigilance.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-2.pdf
Evidence: Eg: SDG Handbook mapping SDGs with curriculum & Syllabus supporting SDGs	Curriculum & Syllabus supporting sustainability and the SDGs are attached and its weblink is given here	https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-2-environmental-studies.pdf https://jssaherdata.ake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-2-ethics-and-self-awareness.pdf

		https://jssaherdata lake.blob.core.windows.net/quality/sls-ooty-sdg-17-4-2-pharmacovigilance.pdf
Any other Comments:		
17.4.3 Does your College & University as body have dedicated outreach educational activities for the wider community, which could include alumni, local residents, displaced people? Education for SDGs in the wider community	NIL	
Evidence: Eg: Newsletters on outreach/ NSS activities/ Alumni activities etc.		
Any other Comments:		
17.4.4 - Does your College & university as a body measure the sustainability literacy of students?	YES	

SDG 17 - Partnerships for the Goals



Strengthen the implementation and revitalize the global partnership for sustainable development

Details aligning to this goal:

The Department of Health System Management Studies, JSSAHER in association with JSS Medical College, JSSAHER currently has three collaborative research activities with BIDMC, Harvard Medical School, Boston USA.

Institutional Ethics Committee Approval Certificates obtained from JSS Medical College

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JSSMC/IEC /18.02.2022/ 26 NCT /2021-22 Date:03.03.2022 INSTITUTIONAL ETHICS COMMITTEE IEC Registration ECR/387/Ina/KR/2013/R-19 NABH Accreditation Certificate No. EC-CT-2018-0018 CERTIFICATE This is to certify that the below mentioned Project was discussed and reviewed and the same has been cleared and approved by the Institutional Ethical Committee at its meeting held on 18.02.2022 at College Council Hall, JSS Medical College, Mysore. <table border="1"> <thead> <tr> <th>Title of Project</th> <th>Principal Investigator</th> <th>Co-Principal Investigator</th> <th>Co-Principal Investigator</th> </tr> </thead> <tbody> <tr> <td>A pilot study to determine the incidence and prevalence of diabetes mellitus among yoga practitioners</td> <td>Dr. Kanakavalli K. Kundery Assistant Professor, Dept of Health system Management Studies, JSS AHER, Mysore</td> <td>Dr. H. Basavanna Gowdappa Professor of Medicine & Principal, JSS Medical College & Hospital Mysore</td> <td>Dr. Balachundhar Subramaniam, MD MPH Professor of Anesthesiology, Harvard Medical School Director, Sadhguru Centre for Conscious Planet, Beth Israel Deaconess Medical Center, Harvard Medical School and Teaching Hospital, Boston, Massachusetts, USA - Jsha Foundation, Coimbatore, Tamilnadu, India</td> </tr> </tbody> </table> MEMBER SECRETARY Institutional Ethical Committee J.S.S. Medical College, S.S. Nagar Mysore-575 015						Title of Project	Principal Investigator	Co-Principal Investigator	Co-Principal Investigator	A pilot study to determine the incidence and prevalence of diabetes mellitus among yoga practitioners	Dr. Kanakavalli K. Kundery Assistant Professor, Dept of Health system Management Studies, JSS AHER, Mysore	Dr. H. Basavanna Gowdappa Professor of Medicine & Principal, JSS Medical College & Hospital Mysore	Dr. Balachundhar Subramaniam, MD MPH Professor of Anesthesiology, Harvard Medical School Director, Sadhguru Centre for Conscious Planet, Beth Israel Deaconess Medical Center, Harvard Medical School and Teaching Hospital, Boston, Massachusetts, USA - Jsha Foundation, Coimbatore, Tamilnadu, India
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JSSMC/IEC /01.12.22/ 24 NCT /2022-23 Date: 02.12.2022 INSTITUTIONAL ETHICS COMMITTEE IEC Registration ECR/387/Ina/KR/2013/R-19 NABH Accreditation Certificate No. EC-CT-2018-0018 CERTIFICATE This is to certify that the below mentioned Project was discussed and reviewed and the same has been cleared and approved by the Institutional Ethical Committee at its meeting held on 01.12.2022 at College Council Hall, JSS Medical College, Mysore. <table border="1"> <thead> <tr> <th>Title of Project</th> <th>Principal Investigator</th> <th>Co-Principal Investigator</th> <th>Co-investigators</th> </tr> </thead> <tbody> <tr> <td>Prevalence of mystical experiences with yoga & meditation</td> <td>Dr. Kanakavalli K. Kundery Assistant Professor, Department of Health system Management Studies, JSS Academy of Higher Education & Research, Mysore</td> <td>Dr. Balachundhar Subramaniam Professor Department of Anesthesia, Critical Care and Pain Medicine, Director, Sadhguru Center for Conscious Planet, WCC-540, Beth Israel Deaconess Medical Center, One Deaconess Road, Boston, MA 02215, USA</td> <td>Dr. H. Basavanna Gowdappa Principal, JSS Medical College, JSS Academy of Higher Education & Research, Mysore</td> </tr> </tbody> </table> MEMBER SECRETARY Institutional Ethical Committee J.S.S. Medical College, S.S. Nagar Mysore-575 015						Title of Project	Principal Investigator	Co-Principal Investigator	Co-investigators	Prevalence of mystical experiences with yoga & meditation	Dr. Kanakavalli K. Kundery Assistant Professor, Department of Health system Management Studies, JSS Academy of Higher Education & Research, Mysore	Dr. Balachundhar Subramaniam Professor Department of Anesthesia, Critical Care and Pain Medicine, Director, Sadhguru Center for Conscious Planet, WCC-540, Beth Israel Deaconess Medical Center, One Deaconess Road, Boston, MA 02215, USA	Dr. H. Basavanna Gowdappa Principal, JSS Medical College, JSS Academy of Higher Education & Research, Mysore
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JSSMC/IEC /240322/ 31 NCT /2022-23 Date: 27.03.2023 INSTITUTIONAL ETHICS COMMITTEE IEC Registration ECR/387/Ina/KR/2013/R-19 NABH Accreditation Certificate No. EC-CT-2018-0018 CERTIFICATE This is to certify that the below mentioned Project was discussed and reviewed and the same has been cleared and approved by the Institutional Ethical Committee at its meeting held on 24.03.2023 at College Council Hall, JSS Medical College, Mysore. <table border="1"> <thead> <tr> <th>Title of Project</th> <th>Principal Investigator</th> <th>Co-Principal Investigator</th> <th>Co-Investigator</th> </tr> </thead> <tbody> <tr> <td>To assess the impact of yoga on personality changes and life style modifications</td> <td>Dr. Kanakavalli K. Kundery Assistant Professor, Department of Health system Management Studies, JSS Academy of Higher Education & Research, S. S. Nagar, Mysore - 570 015</td> <td>Dr. Balachundhar Subramaniam Professor Department of Anesthesia, Critical Care and Pain Medicine, Director, Sadhguru Center for Conscious Planet, WCC-540, Beth Israel Deaconess Medical Center, One Deaconess Road, Boston, MA 02215, USA</td> <td>Dr. H. Basavanna Gowdappa Principal, JSS Medical College, JSS Academy of Higher Education & Research, S. S. Nagar, Mysore - 570 015</td> </tr> </tbody> </table> MEMBER SECRETARY Institutional Ethical Committee J.S.S. Medical College, S.S. Nagar Mysore-575 015						Title of Project	Principal Investigator	Co-Principal Investigator	Co-Investigator	To assess the impact of yoga on personality changes and life style modifications	Dr. Kanakavalli K. Kundery Assistant Professor, Department of Health system Management Studies, JSS Academy of Higher Education & Research, S. S. Nagar, Mysore - 570 015	Dr. Balachundhar Subramaniam Professor Department of Anesthesia, Critical Care and Pain Medicine, Director, Sadhguru Center for Conscious Planet, WCC-540, Beth Israel Deaconess Medical Center, One Deaconess Road, Boston, MA 02215, USA	Dr. H. Basavanna Gowdappa Principal, JSS Medical College, JSS Academy of Higher Education & Research, S. S. Nagar, Mysore - 570 015
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Department MoU with healthcare quality accreditation bodies
CAHO (Consortium of Accredited Healthcare Organization)



With the growing number of healthcare organizations achieving NABH, NABL, and JCI accreditation, there has been a need for a common platform that will facilitate communication amongst accredited HCOs and share best practices. Collaborations with stakeholders, continuous training on new standards would improve quality and safety of healthcare services. In this context, The Department of Health Systems Management Studies is offering a Certificate Program developed by CAHO in quality and accreditation to the students as collaboration activity. The participants will be empowered with the knowledge and skills to handle the quality and accreditation process in healthcare organizations.

The Program is titled “Certificate Program in Quality & Accreditation (CPQA)

- Target Audience-MBA Healthcare, PGDM-Healthcare, Nursing, Dental Surgeon Students
- The Program will be led by CAHO and will nominate its representatives/faculty who will take the program forward
- Certification will be Jointly done by both the Organizations

Placements

The Department of Health System Management Studies also has a placement co-ordinator and committee which gives placement assistance to the final year of students. Students of (2022-2023) batch were placed at different hospitals in and around Karnataka with designations ranging from Hospital co-ordinator, Trainee Key Accounts Manager, Trainee Business Development Executive, NABH coordinator, Customer Relationship Management, Manager, Floor coordinator, Nursing staff, Human Resource Manager, Front office executive, and Medical officer of the day and more than 80% (2022-2023 batch) of the students have been placed across all the sectors of healthcare.

Our Top Recruiters:



Industry visits, Hospital visits, and interactive learning

The industrial visit program is spread across the curriculum at regular intervals where the students are taken to various health care settings to understand the various organization, their approaches, mission, vision, organization plan, problems, and their prospects which an administrator be aware of.

The Department of Health System Management Studies had arranged for industrial visits to the under-graduate and post-graduate student. Details are as below:

Visit to Kasturba Medical College and Hospital, Manipal

The visit was scheduled on the 9th July 2024 from 10 am to 2 pm. 18 students from the final semester MBA, accompanied by five faculty Dr. Divya, Dr. Shalini, Dr. Sujay MJ, Mr. Chethan Kumar, and Mr. Mahadevswamy visited the hospital. Operations team led by Mr. Jibu Thomas, Mr. Samith, and Dr. Ekta Tandon interacted with the students and explained the hospital and the facilities to them. Students were divided into 2 groups and visited the various areas of the hospital like OPD, Wards (general and special wards), Radiology, Insurance, MRD, CSSD, Chute Operation System, and OPD Front Office.



The Department of Health System Management Studies has arranged for an industrial visit for final year BBA students from 27th till 30th May 2025. Students of 6th semester BBA along with faculty had visited Karwar District Hospital and AJ Medical college and hospital, Mangalore. A total of 26 students from the final semester BBA were accompanied by three faculty Dr Kankavalli K. Kundury , Mr Gurulingu and Dr. Mahadevswamy R.M. for the visit.

The industrial visit started on 27th from The University campus, students along with faculty had visited The District Hospital, Karwar on 28th May 2025. The hospital authorities have explained to students the functioning of various patient care services, registration and billing processes, medical record management and hospital information system services. Students felt that it was indeed a different experience visiting a government healthcare setup, which helped in enhancing their knowledge. On 29th May, students along with faculty have visited AJ hospital, Mangalore. The hospital tour began with a brief power point presentation on AJ hospital by the staff. The operations team led by Mr. Preetam interacted with the students and explained the hospital and the facilities. Students were divided into 3 groups and taken for tour of various areas of the hospital like OPD, Wards (general and special wards), Radiology, Central Laundry, Central Kitchen, CSSD, and OPD Front Office. The department welcomed the idea of students doing internships during vacation, and short-term projects that would benefit the hospital. The visit helped the students not only in enhancing their knowledge and providing opportunity for learning but also provided scope for furthering the activities in terms of internship and project work.

