

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

COMPENDIUM ON SDG-3

GOOD HEALTH AND WELLBEING

Compendium of Activities in Achieving UN Sustainable Development Goals



2021-22

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ABOUT THE SDG

3 GOOD HEALTH AND WELL-BEING



Patient care and innovations in patient care



Seminar, symposia, panel discussion, guest lectures, workshops, academic society sessions, conferences



Achievements of faculty members



Research and publications

ABOUT THE SDG

“Good health and well being” is the pivot for overall development of an individual, the society and the nation. It promotes both physical and mental benefits which contributes for improvement in productivity and creativeness that has prime importance in ensuring healthy lives and promote well being for all at all ages. This can be fulfilled by achieving following goals:



India is heading towards the progress in reducing its underfive mortality rate, maternal mortality rate, reducing the prevalence of HIV and Tuberculosis. Several National programmes are implemented by Government of India to achieve Good health and well being.

Sustainable Development Goal 3 seeks to ensure health and well-being for all, at every stage of life. The Goal addresses all major health priorities, including reproductive, maternal and child health; communicable, non-communicable and environmental diseases; universal health coverage; and access to safe, effective, quality, and affordable medicines and vaccines.

OUTREACH ACTIVITIES AND AWARENESS PROGRAM SUPPORTING SDG 3

OBSERVATION OF DAYS OF PUBLIC HEALTH IMPORTANCE

WORLD HEALTH DAY-2022



World Health Day 2022 was observed by the Department of Community Medicine, JSS Medical College on 08.04.2022. The event was attended by Phase – III MBBS students, PG students of the Department of Community Medicine,

Teaching and Non-Teaching faculty of the Department of Community Medicine and School of Public Health.

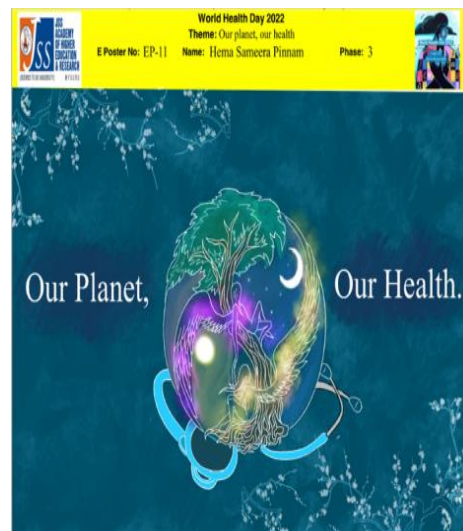
Chief Guest, Dr. P. Sudhakar Reddy, Professor and Head, Department of PG studies in Swasthavritta, JSS Ayurveda Medical College, Mysuru, delivered the guest lecture on World Health Day theme 2022 – “OUR PLANET, OUR HEALTH”.



In accordance with the World Health Day theme, E - Poster and Reels Video Competition was organized for Phase – III MBBS students for which we received overwhelming response. There were

14 individual entries for E – Posters and 6 group entries comprising of 25 students which were displayed on this occasion. E-poster competition was judged by Dr. Sunil Kumar D and Dr. Praveen Kulkarni, Associate Professors in the Department of Community Medicine. Reels competition was judged by Dr. NayanabaiShabadi and Dr. Shwethashree M, Assistant Professors in the Department of Community Medicine.

1st Prize: Ms. Hema Sameera Pinnam; 2nd Prize: Mr. Shubham Mishra were winners of E poster competition



AT JSS URBAN HEALTH CENTRE:

World Health day 2022 was conducted by Urban health centre from 07th to 13st April 2022 in field practice area, Bamboobazar. With the theme “Our planet, our health” health education programmes and camps were organized in different area of medar block as per instruction of Medical officer of UHC.

WORLD NO TOBACCO DAY OBSERVATION on 31.05.2022



This year the “World No Tobacco Day” (Theme- Tobacco: Threat to Our Environment) was observed by Department of Community Medicine, JSS Medical College at JSS High School Bannimantap. The event was co-ordinated by Dr Smitha MC, Assistant Professor, Department of Community Medicine, JSS Medical College, under the leadership of Dr. Narayana Murthy MR, Professor and Head, Department of Community Medicine



WORLD TUBERCULOSIS DAY 2022: Date: 24th

March to 31st March 2022 World Tuberculosis day

2022 was conducted by Urban health centre from 24th to 31st March in field practice area ,Bamboobazar. With the theme “ Invest to end TB ‘ health education programmes and camps were organized in different area of medar

block as per

instruction of Medical officer of UHC.On 24th March a health camp and a health education programme was organized in Rarajeshwarinagar, B block Bamboobazar in co-ordination with JSS nursing public health nursing





department.
Street play was done by nursing students who were trained by medico-social

workers. A total of 30 residents 6 males and 24 females were benefitted from the programme.



A health education programme was also organized on 25th of March in A block Bamboobazar. Health education on treatment of MTB, information on DOTS and symptoms were provided by Mr Santhosh HB. On 31st of March programme was organized in MCC colony D block where street play was played and free health check up camp was organized. A total 21 people with 3 males and 18 females participated in the programme

School of Public Health: Conducted a quiz to understand the knowledge about tuberculosis

WORLD CANCER DAY-2022: DATE: 4th TO 8th FEBRUARY 2022

World Cancer Day 2022 was observed by Urban Health centre field through various activities on 4th and 8th February 2022. Awareness activities were held in anganwadi centre, MCC colony, and F block Bamboobazar Mysuru. Awareness was created on cervical, oral and breast cancer, their risk factors, early detection and prevention .



WORLD LEPROSY DAY-2022, DATE: 21st , 22nd & 28th JANUARY 2022



World leprosy Day 2022 was observed in Urban Health Centre field practice area through various activities on 21st, 22nd and 28th January 2022. Awareness activities were held in Government high school and Haleem Nagar, Mysuru.

As a part of the World leprosy day 2022, Health awareness programmes were conducted among High school children on 21st and 22nd January 2022. A total of 14 women and 3 men were benefitted from the programme.

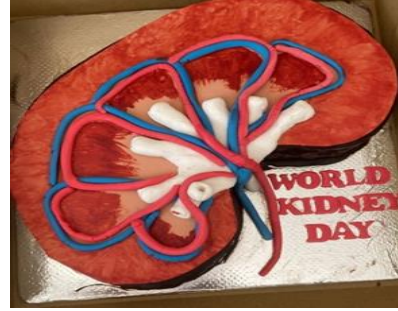
DOWN'S SYNDROME DAY – 21-03-2022

‘AURA’ group of the students of JSS school of Public health created a small awareness activity on this day at JSS Hospital. All students gathered at the campus of JSS Hospital wearing yellow and blue clothes at 10 a.m on 21st March 2022 and created a human chain at the hospital compound to create awareness. Dr.Jagadish, Dr.Jayshree Ramesh- HOD PMR, and Dr.Deepa Bhat- Genetic Counsellor of JSS Hospital gave their speech to create awareness among the students and patients. The students distributed pamphlets with the details of down syndrome



WORLD KIDNEY DAY ON 10.03.2022

The I MPH Students (2021-23 Batch) from the School of Public Health observed World Kidney Day on the 10th of March 2022 in the presence of Dr.Anil S Bilimale (MPH Coordinator), Assistant Professor, Dept.of Community Medicine, JSS Medical College. The theme of the World Kidney Day 2022 was aiming to promote Kidney Health for All. The objective is to increase awareness about kidney health to bridge the persistent and ongoing Chronic Kidney Disease knowledge gap at all levels of health care.



WORLD WATER DAY – 22-03-2022

The World Water day was celebrated by the students of JSS School of Public Health on 22nd March, to raise awareness about the water. The class was decorated according to the theme and the students were dressed in blue colour as well as a blue-colored ribbon with quotes on world water day was given to all the students



WORLD ENVIRONMENT DAY

JSS School of Public Health – JSS Medical College, and Department of Environmental sciences – JSS AHER together observed the world environment day along with the collaboration with Walk Mate footwear company that funded this event on the date of 6th June and 7th June 2022. Visited 16 government schools and conducted painting competition for 5th-10th std students. The theme was Climate Change and Health - Message to the Public. Overall 960 students took part in the competition and presented their unique ideas to save the environment and spread awareness in the form of Art.

Saplings were provided to all winners.

An orientation program through role-playing was done in a few schools quiz and interactive sessions were conducted green and brown colour dress code was followed.



WORLD DEAF DAY 26.09.2021 & INTERNATIONAL WEEK FOR THE DEAF



A school health camp was organised for the deaf children at the Parents Association of the Deaf Children Trust, Bogadi on Friday 24-09-21, with the aim of addressing the health needs of the deaf children have come from different parts of Karnataka and are undergoing habilitation at this centre. The camp was conducted by Dr Bharathi MB and Dr Sandhya D along with the Department of Pediatrics , Ophthalmology and the JSS Institute of Speech and Hearing. Dr Bharathi addressed the mothers of the deaf children and extended our support to this special community.

Dr Bharathi M B, Senior Professor in the Dept of ENT gave a radio talk on JSS Radio about deafness on Saturday 25-09-21. She spoke about the means to diagnose deafness early and the various treatment options available at different age groups as well as tips to the general public on protection of their ears. An ENT check up and Hearing Screening camp for children was organised in 26-09-21, Sunday, in association with the JSS Institute of Speech and Hearing, Mysore



THALASSEMIA DAY: 17-02-2022



A camp was organized by JSS Blood Centre, Dept. of pathology in association with the Hematology & BMT department, HCG Group of hospitals, Bangalore on 17th February 2022 at the JSS Blood Centre, JSS Hospital. Its theme was “Free from Thalassemia”

The camp was conducted and included-

1. Clinical evaluation to the transfusion dependent patients.
2. Free HLA typing test for Thalassemia major patients along with their siblings and parents.
3. Talk by Dr. Sachin Jadhav, Group HOD, Hematology & BMT Dept. HCG Group of hospital on thalassemia management to the patient family.

The camp was attended by 20 thalassemia patients with their parents and siblings. Fifty swabs were collected for the HLA typing. The camp started at 10:00 am in the presence of Medical Superintendent Dr. M Guruswamy, Prof. and Head Dr. Vijaya B and Dr. Manjunath G V, Deputy director, JSS hospital.

At the brief inaugural function, Dr. Pallavi P, Associate Professor and Chief Medical Officer JSS Blood Centre warmly welcomed the gathering. Medical Superintendent Dr. M Guruswamy assured all the support needed from the hospital to facilitate the objective of the camp and to improve the quality of life for all patients with thalassemia. This was followed by a brief speech by Dr. MD Ravi, Professor of Pediatrics who spoke on the importance of management of Thalassemia care.

Dr. Sachin Jadhav, spoke about stem cell transplant being the only curative intervention available for a transfusion free status with a normal life span for Thalassemia patients.

Following this Dr. Sachin and his assistant held intensive counselling sessions for all patients of thalassemia who attended the camp and assured them of the improvement of quality of life following stem cell transplant.

NATIONAL PATHOLOGY DAY:: April 13th -2022, SRCA Auditorium

The first National Pathology Day celebrations commenced with invoking the blessings of Jagadguru Sri Shivarathri Rajendra Mahaswamiji and offering panama to the lotus feet of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji under the aegis of the Academic Society, JSS Medical College, JSS AHER Mysore.



The Principal, Dr. Basavana Gowdappa was the chief guest for the event and the guests of honour included Dr.Col. M Dayananda, Director, JSS Hospital and Dr C P Madhu. Medical Superintendent JSS Hospital. The dignitaries and the gathering was welcomed by Dr. Vijay, Head of the Department of Pathology, JSS MC. This was followed by a brief insight into the contributions to the field of Pathology by Dr. V R Khanolkar and the event was formally inaugurated by lighting the lamp.

Dr. Suchitha S hosted session of “Your views on Pathology” where Head of Departments of various specialties shared their experiences with Pathologists. A short display of the e posters/ e collages prepared by the second year undergraduate students as part of project activity was displayed.

World blood Bank Day: 14th June 2022

Honorable Chief Guest of the occasion, Commissioner of Mysore City Corporation, Shri G Laxmikanth Reddy felicitated our regular voluntary blood donors – Mr. Girish Mudaliar, Mr. Yogesh and Mr. Phani Datta and therefore addressed the gathering.



WORLD HAND HYGIENE DAY WAS OBSERVED ON 5TH MAY 2022.

This year's theme for world hand hygiene day 2022 - "Unite for safety - clean your hands" is focused on recognizing that people at all levels can work together through clean hands, to meet the common goal of safety and quality in health care delivery. A strong quality and safety culture will encourage and support people to clean hands at the right times and with the right products.



WORLD ANATOMY DAY- 11.11.2021

Department of Anatomy, JSS Medical College had organized "Dissection competition" for 1st MBBS students on 11th November 2021 to Celebrate WORLD ANATOMY DAY Table 1, Table 4 & table 6 bagged 1st Prize, 2nd prize & 3rd prize respectively



WORLD BLOOD DONORS DAY 2022 – 11-06-2022

NSS Unit of JSS Medical College, Mysuru, jointly with Blood Bank, JSS Hospital Mysuru organized the World Blood Donors Day 2022 on 11th June 2022 in the Physiology Practical Lab. More than 100 students participated in the blood drive and 63 donated their blood.



INTERNATIONAL YOGA DAY(IYD) 2022 – 21-06-2022

8th edition of International Yoga day was celebrated on 21-06-2022. Honourable Prime Minister **Narendra Modi** on tuesday led the IYD celebrations from the iconic Palace grounds in Mysuru

More than 15,000 people participated in the Yoga celebrations along with the Prime Minister. About 164 NSS volunteers, staffs and students of JSSAHER, Mysuru participated in IYD.



Comprehensive Geriatric Care Services through Home visits

JSS Hospital, Mysuru

Health Services For Elderly - NOW AT YOUR DOORSTEP

JSS Hospital Homecare

The Geriatric Medicine Department, one of the medical specialities of the JSS Hospital addresses the complex medical needs of elderly patients and emphasizes maintaining of their functional independence even in the presence of chronic disease.

Our Geriatric Medicine department offers homecare service for elderly people of Mysuru city, who cannot travel to visit the doctor, at affordable cost.



Why opt for homecare?

- Difficulty to visit hospital due to disabilities, disorders, multimorbidity patients
- Absence of assistance to reach the hospital to avail treatment
- Staying at home boosts patient morale, as family and friends will involve in the course of treatment.

Types of visit

- Doctor Consultation
- Physiotherapy
- Diagnostic Tests**
- Nursing Services**

Physiotherapy

- Geriatric physiotherapy
- Backpain
- Post surgical rehab
- Stroke/ Paralysis
- Arthritis & joint pain

First Phase of Rehabilitation

- Post joint replacement rehabilitation (TKR/THR)
- Phase 2 cardiac rehabilitation
- Post fracture stiffness of joints

Nursing

- Bed sore assessment & dressing
- Insertion of NG (Nasogastric) tube
- Urinary catheter care
- Intravenous fluid therapy
- Demonstration of self-care
- Colostomy care
- Tracheostomy care
- Wound care
- Diabetic care - Teaching self care

Lab Diagnostics - For Elderly (Blood samples will be taken only for routine tests advised by doctor and other lab diagnostics)

M.G. Road, Mysuru - 570004 | Ph.: 0821-2335555 | Fax: 0821-2335556
 Email: contact@jsshospital.in | Website: www.jsshospital.in
 Emergency Services: 0821-2335500, 0821-2335500
 Emergency Cardiac Services: 9632388848
 24/7 Manager on Duty (MOO): 9980443489
 Special Clinic: 0821-2335261/2335267/7422032866 (8 am to 6.30 pm)
 Master Health Check-up: 0821-2335595/7422032866 (7.30 am to 4 pm)



JSS HOSPITAL
IN SERVICE TO LIFE

JSSH Homecare Helpline
Call: 96112 21155

24 HOURS
14455
TOLL FREE

Department of Geriatrics, JSS Medical College and hospital, provides Comprehensive health care to elderly through home visits at an affordable cost. Faculty in the Department of Geriatrics along with nursing staff, technicians and counsellor visit the houses of elderly and provide the health services. Four types of services namely, doctor consultation, physiotherapy, diagnostic test and nursing services are provided at the doorsteps of elderly. Follow up visits are conducted at regular intervals to assess the prognosis and provide the support in medication management. Teleconsultation with a dedicated helpline is made available to provide the services round the clock.

During the visit elderly are educated on prevention of falls, diet and physical exercise, adherence to medication, mental health and wellbeing, substance abuse, life style modification, danger

signs related to myocardial infarction, cancers and stroke. 75 to 100 houses are visited monthly under this initiative.



Outreach Programmes:

Date	Programme
17-09-2021	<p>As a part of celebration of ‘National Pharmacovigilance Week 2021’, The Regional Training Centre for South Zone – PvPI located at Department of Clinical Pharmacy, JSS Hospital, Mysuru in association with National Coordination Centre, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad AND Special Interest Group (SIG) – Quality & Safe Use of Medicine conducted an Sensitisation & Awareness Program on ‘Importance of Reporting of Adverse Drug Reaction’ on 17th September 2021 for the benefit of General Practitioners, Community Pharmacists and Consumers / Public of Mysuru city. The program was organised to create an awareness and inculcate ADR reporting culture amongst general practitioners, community pharmacists and consumers / public.</p> <div data-bbox="325 808 1023 1055" data-label="Image"> </div> <p data-bbox="363 1070 991 1093"><i>Release of Pamphlets and Posters at Community Pharmacies and Primary Healthcare Centres</i></p>
15/12/2021	<p>Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru, in collaboration with NSS Unit of JSS College of Pharmacy, Mysuru and Indian Pharmaceutical Association (IPA), Mysore Local Branch organized a Health Screening Camp on 15th December 2021 at three different locations Viz., Akashvani Circle, Kukrahalli Lake gate and Lalith Mahal Arch between 06.00 AM and 09.00 AM.</p> <div data-bbox="316 1402 1096 1776" data-label="Image"> </div>
14/02/2022	<p>Adverse Drug Reaction Monitoring Centre (AMC) & The Regional Training Centre for South Zone- PvPI, Department of Clinical Pharmacy, JSS Medical College & Hospital, Mysuru conducted an ‘Awareness Program on Pharmacovigilance’ for the benefit of Pharm.D students and Staff at Siddartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh on 14th February 2022. The program was conducted in order to sensitize</p>

and create awareness amongst Pharm.D students about the importance of detection, reporting and monitoring of adverse drug reactions (ADRs).



26/03/2022
to
28/03/2022

The Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru held a community awareness program about reproductive health in women on 26th and 28th March 28, 2022 at Majjigepura Village of Srirangapatna Taluk. This activity was held during the National Service Schedule (NSS) camp held between 24 – 30th March that was conducted by JSS College of Pharmacy in association with JSS Academy of Higher Education and Research, Mysuru. This exclusive women's program was intended to bring awareness to women residing in rural area about their reproductive health.



25/03/2022

Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru, in collaboration with NSS Unit of JSS College of Pharmacy, Mysuru organized a Health Screening Camp between 25th– 29th March 2022 at four different villages Viz., Majjigepura, Bastipura, Hulikere between 10.00 AM and 02.00 PM. The aim of the health screening camp was to sensitize the people about the importance of regular monitoring of health and safe use of medications. During the camp, interested public were screened for blood pressure and blood glucose levels. A total of 360 people were monitored for their blood pressure and blood glucose levels. At the time of monitoring, 102 people were found with elevated blood glucose level and 126 people were found with elevated levels of blood pressure.



25/03/2022

Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru, in collaboration with NSS Unit of JSS College of Pharmacy, Mysuru and Special Interest group of Safe and Quality use of Medicines, JSS AHER organized a Awareness Program on Safe Use of Medications and Distribution of Free Medications for Minor Ailments between 25th– 29th March 2022 at four different villages Viz., Majjigepura, Bastipura, Hulikere. The aim of the awareness program was to sensitize the people of villages about the safe and quality use of medications. During the program, Public of the villages were also provided with free medications for Minor ailments like Fever, Body pain, cold cough and headache in a separate cover mentioning its name, purpose and usage instructions and same was well received by publics. We thank Principal, JSS College of Pharmacy, Mysuru, and NSS Unit of JSS College of Pharmacy, Mysuru for their support and encouragement in organizing this camp.





Pain and Palliative Care

Pain and palliative care services are provided to the terminally ill patients with malignancy and other terminal illnesses through a dedicated set of doctors at JSS Hospital at an affordable cost. The services are provided with the aim to extend the life without pain among the terminally ill cancer patients. A team of doctors with special academic and research credentials in this specialty are involved in providing these services round the clock at JSS Hospital.



Physical Medicine and Rehabilitation

Medical care consists of health promotion disease prevention, management of disease & dysfunction and rehabilitation. Rehabilitation aims at maximizing a person's abilities to improve quality of life. Rehabilitation professions include physiotherapy, occupational therapy, and speech language pathology and many other. JSS PMR Centre is the only one of its kind in Mysore and surrounding areas. The purpose of this centre is to help people with physical disabilities to learn how to live optimally and integrate into society as productive citizens. Management is comprehensive and tailored to the individual's potential, goals and needs.

SCOPE

The short-term intensive rehabilitation of people with physical impairment including

- Amputations
- Total joint replacement
- Stroke
- Head injury
- Spinal cord injury
- Cerebral palsy
- Severe orthopaedic trauma

SERVICES AVAILABLE IN JSS HOSPITAL

- Imaging
- Surgery
- Diagnostics

A TYPICAL PROGRAM

- Therapeutic outing prior to discharge
- Home/ office evaluation prior to discharge
- Family conference day after admission, prior to discharge and as necessary
- Simulated work environment as necessary
- Pre academic training as necessary and on patient request
- Assistance with acquiring aids and appliances, job, admission to school
- Assistance with acquiring disability card and govt. benefits



“Belaku” clinic (High risk newborn follow up and child development and guidance clinic)

Introduction and context: This is a child development and guidance clinic which encompasses follow up of high risk neonates for early recognition of childhood developmental disabilities, and also care of children with special needs including behavioural problems. Belaku clinic was started in November 2017.

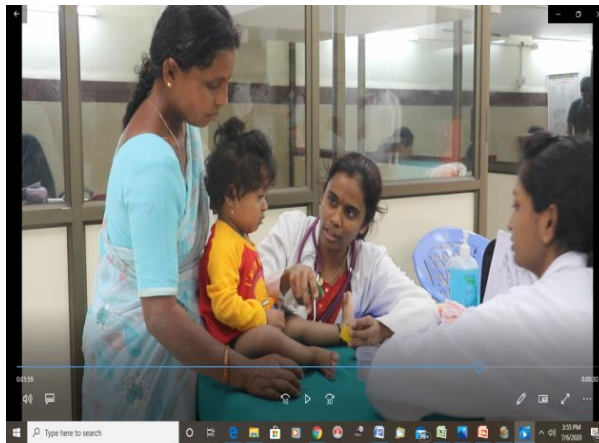
Objectives of the practice: Mainly to detect developmental problems in children early, right from early infancy, especially, NICU graduates and intervene appropriately which results in much better developmental outcome.

Impact: This will have a huge benefit to both the children and their parents, in the long run – the child who would otherwise become developmentally disabled would become almost a normal child in terms of independence and productivity by early and effective intervention.

Results of the practice: This is an ongoing practice. In the year from August 2021 to August 2022, total of 1324 infants and children visited the clinic for follow up, of which 1200 babies underwent developmental screening. About 21 children who had failed in the 1st developmental screening have subsequently passed (after 3 to 6 months interval), following multidisciplinary intervention. They will still be followed up until late childhood, as a part of child guidance clinic. Around 60 children presented with behavioural problems including conduct disorder, autism, ADHD, childhood depression and anxiety disorder. Also, many children with autism like disorder involving socio emotional and speech delay were seen which was mainly an impact of covid 19 pandemic. So, a lot of research has been planned to know more about this.

Conclusion: A unique clinic not only in Department of Pediatrics, JSSH, but, only one in the entire Mysuru city. This is expected to benefit all children with developmental issues and mental health problems.





collaboration with health care institutions


The college has collaboration with more than 50 leading healthcare institutions. The college has recently signed MOU with various global institutions such as VGM Gastrocentre Speciality Hospital, Coimbatore, BS Hospital Ooty and with Human Biologicals Institute (A division of Indian biological limited)

SM HOSPITAL, OOTY
(A unit of BS Surgicare India Pvt. Ltd)

A 32 year old surgical center with a focus on trauma, laparoscopy, emergency medicine, women's health & psychiatry, catering to the medical and surgical needs of The Nilgiris District, represented by Dr V Balasubramaniam, MS., FIAGES, Managing Director of the hospital thereof, he being duly authorized hereto

(Hereinafter referred to as SM Hospital)

AND



JSS COLLEGE OF PHARMACY, OOTY
(A CONSTITUENT COLLEGE OF JSS ACADEMY OF HIGHER EDUCATION & RESEARCH, MYSURU)

An academic and research institution established in 1980 with a view to provide job oriented professional courses in Pharmacy. The College is affiliated to the JSS Academy of Higher Education & Research, Mysuru and approved by the All India Council for Technical Education (AICTE), Pharmacy Council of India (PCI), Govt. of Tamilnadu and recognized by other statutory bodies. The College and the University are accredited by the National Assessment and Accreditation Council (NAAC) with 'A' Grade.



JSSCP, Ooty signed MoU (12.8.22) with Human Biologicals Institute (a division of Indian Immunologicals Ltd), one of its kind in India and rolled out first Vero cell culture rabies vaccine in 2000 and the largest supplier of Anti-rabies vaccine for testing of their products in our Drugs Testing Lab.

Department of Pharmacy Practice in collaboration with District TB Centre, Nilgiris, a “Tuberculosis screening camp conducted at ‘Manjacombai’ village on 29/11/2021. About 65 individuals were screened, out of which 7 suspected for TB based on chest X-Ray and referred to district center.





On 27th February 2022, Pulse Polio Immunization Programme was inaugurated by Mr. SP Amrith I.A.S. Nilgiri District Collector. The Youth Red Cross Society of the college participated in this Campaign and had given Polio Drops to the Neonates and Infants.

CSIR-HRDG, New Delhi, DST-SERB, New Delhi & JSS Academy of Higher Education & Research, Mysuru, sponsored three days health awareness workshop on “Community-Centred approaches for the management of Maternal Health and Urinary Tract infections among the rural women of Nilgiris (JSS Health Awareness series [JSSHAS-2022])” was inaugurated on 7th April 2022. This workshop was organized from 7 - 9th April 2022. The programme was inaugurated by Dr. M. Karthikeyan, Senior Principal Scientist, CSIR-NCL, Pune, Dr. Prithvi Raj. T, Medical Officer, Primary Health Centre, Masinagudi Village, Former AYUSH Scientist Dr. S. Rajan and Dr S.P. Dhanabal, Principal, JSS College of Pharmacy, Ooty. Dr. Gomathy S, Organizing Secretary, delivered the welcome address. Dr. S. Jubie, Associate Professor, has briefed the genesis of the awareness programme & its importance among the rural women population.

About fifty two women from the Masinagudi and Mavanella Villages, health workers and front-line workers have participated in the health awareness programme and acquired better knowledge on maternal and urinary tract infection issues.



Council of Scientific & Industrial Research (CSIR) - HRDG, New Delhi & JSSAHER, Mysuru Sponsored Two Days Awareness Programme on **“Gender Sensitization & Prevention of Sexual Harassment Awareness for Rural and Tribal People in The Nilgiris District”** was organized by Department of Pharmaceutical chemistry, JSS College of Pharmacy, Ooty in associated with Internal Compliance Committee (ICC), National Service Scheme (NSS) and

Indian Pharmaceutical (IPA) Association, Nilgiris Local Branch, Ooty at Nedugulkombai tribal village (Day 1: 28.06.2022) & Manjakombai tribal village (Day 2: 29.06.2022)

About 110 delegates (Tribal people) from Manjakombai & Nedugulkombai were participated actively and all sessions went interactively with high appreciation by all delegates. Distribution of Kit bags including sanitary napkins, Pen, Pencil, Eraser, Notebook & Scale was done. Feast lunch was provided to all the delegates.

Department of Pharmacognosy, JSS College of Pharmacy, Ooty organised a One Day Workshop on Awareness of Polycystic Ovarian Syndrome Among Rural Women of The Nilgiri District on 2 nd Dec 2021 at Balacola village, near Ooty with about 40 women participants from the village. Dr. Bavya, Consultant obstetrician and gynecologist emphasized on the importance maintaining

reproductive health and the reasons for increasingly high incidence of PCOD. She also said that a substantial number of young adults go through this problem and how it can be diagnosed. Dr. Priyanka D, Lecturer from Department of Pharmacognosy, JSS College of Pharmacy, Ooty spoke about the importance of lifestyle modification and its correlation with reproductive health. She also shared her personal experience on how she overcame septate uterus, a reproductive disorder. The talk was motivating to all the participants. The participants appreciated her will power and also came to know about various dietary changes that protects reproductive functions.



Department of Nutrition & Dietetics under the aegis of DST-STUTI programs setup the stalls projecting the educational aids, promoting health and right eating practices, educating how to read packaging, methods of food adulteration, effecting importance of healthy diet, functional foods, Nutraceuticals. Stalls also focused on modifying junk foods to healthy snacks, prevention of malnutrition and maintenance of healthy nutritional status, which caught attention of visitors from all arena. Materials and models were displayed in the stalls and demonstration of commonly used food adulterants and their detection techniques at domestic level. Creating awareness on adverse effects of food adulterants, unhygienic storing and consumption conditions.

A Nutrition education program was conducted on 23rd November 2021 as part of the academic extension activity from the Department of Nutrition and Dietetics. Program was organized at Anganwadi centre, primary health centre, school located in Mysuru district. On the occasion, general

health assessment, Demonstration of food & Nutrition scope towards health development were focused. The target populations were children, pregnant and lactating women. Program was conducted under guidance of Dr Sushma B V through lecturing, interacting, drama and using audio-visual methods with focus area on the importance of fruits and vegetables in our daily life/ significance of water/ sanitation/ Effects of junk foods.

A JSS Primary School at Lakshmipuram (a government aided school children) students taking Mid-Day meal, were analyzed for the nutritional status and hemoglobin. Students were educated on the aim Mid-day Meal program implemented by the Government of India. Students were given Nutritional counseling and educated regarding the importance of nutrition and health which influence their performance in the academics.



Stalls projecting the educational aids, promoting health and right eating practices



Stalls projecting the educational aids, promoting health and right eating practices

The Old Age homes away from the family members were given nutritional counseling and care with the various disease conditions such as diabetes, hypertension and arthritis



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A 3-day Capacity Building Program on “**Health and Nutrition during COVID-19 & Post COVID-19**”, was jointly organized by the department of Nutrition & Dietetics, TECSOK, Sri Aurobindo Society, & Sparkle Cine from 16th -18th September 2021, the program was coordinated by Dr Vanitha Reddy P & Dr Sudha Sairam. The three-day program included lectures from eminent speakers, interactive sessions, and debate from student participants on the current nutritional situations prevailing in India – the problems and possible solutions. The program was conceptualized by Dr Prashanth S, Deputy Director-Academics, and Founder of Sparkle Cine, along with Dr M B Gururaj, Chief Mentor, TECSOK and Ms.Veena Rao, IAS (Retd), Director, AURO Centre for Public Nutrition, Public Health and Public Policy. The speakers were Ms Veena Roa, Dr Tara, Former Director NIPCCD, Bangalore & Dr. Shantha Maria, Dean of Home Science, Mount Carmel College, Bangalore. The sessions included topics on malnutrition status in India, consequences of malnutrition, role of poverty, forms of nutritional disorders and importance of immunization, sanitation & hygiene. The focus was on the implications of nutritional related problems, and also the successful policies/strategies implemented to overcome nutritional inadequacies & poverty.

DST-STUTI-National Science Awareness Week Outreach Program

Department of Biotechnology & Bioinformatics, JSS AHER, participated in the 'Science Awareness week' program, which is a national wide initiative supported by Department of Science and Technology (DST) – Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI) scheme, Ministry of Science and Technology, as a part of the “Azadi ka Amrit Mahotsav” signifying the celebration of the 75th year of independence. 'Science Awareness week' program aimed at creating and educating students from high schools, colleges, and women in rural & tribal areas on science popularization.

Faculty and students of the department were part of this program and had volunteered to reach semi-urban and rural part of Mysore and Chamarajanagar district from Feb 22nd to 28th, 2022. In a very short span of time, department with the help of students were able to prepare videos of scientific achievements, live experimental models, infographics, and posters in the area of biotechnology and bioinformatics.

The following events were conducted by Department of Biotechnology & Bioinformatics:

1. **Video:** Preparation of videos relating to Scientific achievements of renowned Scientists and their discoveries in Kannada language.
2. **Hemocytometry experiment:** Demonstration of cell counting procedure and how to use the technique to count yeast, RBCs and WBCs.



Mitosis of plant cell: Demonstration and identification of cells from onion root tip and how to use the technique to understand different stages of cell division.

CRISPR-Cas9 video and model demo: CRISPR-Cas9 (often shortened to “CRISPR”) has generated much interest and excitement in the field of genome editing to treat genetic diseases and have a huge impact in many areas of science. The video is supplemented with the two-dimensional paper model of the CRISPR system for the ease of understanding how CRISPR bind to and cleave DNA in any genome. Discussion with the students was held to promote 'Women in Science' highlighting the research of Dr.

Emmanuelle Charpentier and Dr. Jennifer Doudna, who have been awarded the 2020 Nobel Prize in Chemistry.

Live demo on WoManure: The demo showcased an organic sanitary napkin “PlantiPads” which are manufactured by using the industrial waste plant fibres. After use, these sanitary napkins are converted into biofertilizer by our kit “WoManure”.



Live demo on WoManure: The demo showcased an organic sanitary napkin “PlantiPads”

Projects supporting the SDG 3

ICMR-Adhoc extramural grant entitled “Development of millet-based dietary fiber for protection of allergic asthma by modulating gut microbiome derived short-chain fatty acids (IRIS Id – 2021-12466)” was awarded for 3 years (2022 to 2025) to Dr. Kiran Kumar MN, Assistant Professor, Dept. of Biotechnology & Bioinformatics. The objectives are 1) Development, chemical characterization, and prebiotic activity of millet dietary fiber formulation. 2) To investigate the inhibitory potential of prebiotic and synbiotic formulation on mast cell activation. 3) Investigate whether supplementation of prebiotic or synbiotic formulation developed in objective 1 ameliorates allergic asthma in the mouse. Successful completion of the project will result in developing a well-characterized novel prebiotic food product for ameliorating allergic asthma.

A National Workshop on Science Communication

As a unique attempt to address the recent Science Communication trends, sessions like Educating science by Storytelling by Mr. Suraj Nair, Science Story Teller, Appukuttan Blog; Educating Bioscience - The Cartoon Way: Dr. Parvathi JR, Coordinator, Research Promotion, Somaiya Vidyavihar University, Mumbai; and Science Animations & Illustrations by Mr. Rafeeqe Mavoor, Science Illustrator, Scidart, a National Workshop on Science Communication was held at the School of Life Sciences, Mysuru.



Three Days National Workshop on Science Communication

The National Workshop on Science Communication organized by School of Life Sciences, Mysuru of JSS AHER in association with DBT/WELLCOME Trust India Alliance was inaugurated by the Chief Guest, Prof. Niranjana Vanalli, Vice Chancellor, Bangalore North University, Kolar on 14th June 2022. The event was presided over by Dr. B. Manjunatha, Registrar, JSS AHER. Guest of Honor, Dr. Sanjukta Mukherjee, Grants Advisor, India Alliance, the convenor of the event, Dr. KA Raveesha, Head, School of Life Sciences, Dr. Soumya Kanti Ghosh, Ms. Himashree Bhattacharya from India Alliance were present alongside the organizing secretaries, Dr. Raghu Ram Achar & Dr. Ann Catherine Archer.

Dr. KA. Raveesha, Head of School of Life Sciences, Mysuru in his welcome address mentioned the theme of the workshop and highlighted the key features of the workshop. Dr. Sanjuktha Mukherjee, Grants Advisor, India Alliance spoke about the objectives and intended outcomes of the workshop. Speaking at this event, Prof. Niranjana Vanalli in his inaugural address gave anecdotes of science communication in day to day events in the society. His talk focussed on the importance of scientific and technical

communication for the prevalence of truth. He opined that being able to effectively disseminate research findings within the community has become the utmost need and demand of society given the wider outreach/virality of wrong information in social media. Prof. Niranjana was felicitated by the authorities of JSS AHER. Dr. B. Manjunatha in his presidential address stated that the art of communicating science effectively can be inculcated with constant involvement. He stated that the workshop on science communication would help to create communities of effective science communicators/journalists.

The participants were limited to 60 in number for effective interaction and engagement. Participants from various parts of the country including Chennai, Davangere, Hyderabad, Mumbai, Mysuru, and Tirupati participated in the workshop.

Representation from Indian Institute of Science Education and Research, Tirupati, SRM Institute of Science and Technology, Chennai; Institute of Chemical Technology, Mumbai, Davangere University Davangere; NITTE University Centre for Science Education and Research (NUCSER, Nitte Deemed to be University), Mangaluru; Yuvaraja's college, Mysuru; Sarada Vilas College; Mysuru; MMK & SDM College; Mysuru; Maharaja Institute of Technology, Mysuru, and JSS AHER, Mysuru participated in the workshop coming from diverse fields like Medicine, Dentistry, Electronics, Chemistry, Pharmacy, Botany, Microbiology, and Biochemistry. During this event, Dr. Prashant Vishwanath, Director (Research) addressed the important research funding opportunities offered by DBT/Wellcome Trust India Alliance, Dr. Raveesha KA, emphasized on having science communication as a course to foster the skill sets essential for the research and its outreach.

Awareness Program on Tuberculosis

Department of Microbiology organised a talk by Dr Krishna Kurthkoti who has extensively worked on Mycobacteria and was invited to address and share his research experience on 8th March 2022. The talk was on "Mycobacterial stress responses and its contribution to bacterial persistence and evolution of drug resistance". Totally 75 members participated in the event.

Dr. Krishna addressed the audience by sharing his postdoc work about iron and its role in TB and their current findings on antibiotic resistance. The theme of the talk was nutritional starvation taking iron as an example and how its deprivation causes bacterial quiescence. The second part focused on bacterial response to antibiotic stress.



Talk and awareness on TB were organized by the Department of Microbiology, JSS Academy of Higher Education on account of World Tuberculosis Day (March 24)

TB Awareness through NSS

Awareness was given to students and the public of Hulikere, Belagola Hobi, Srirangapatna Taluk, Mandya district, on TB occurrence, spread, prevention and to eradication. An interaction was done with students to know their knowledge of TB. The students were educated on the causes of TB, the symptoms of TB and methods to analyse and diagnose TB.

TB Awareness through NSS



Adults were explained on comorbidities due to smoking and alcoholic habits along with TB. They have addressed how a healthy diet style and nutritional food can control and prevent TB. Both the programs a talk and awareness on TB were organized by the Department of Microbiology, JSS Academy of Higher Education on account of World Tuberculosis Day (March 24) whose main agenda is eradicating TB which is an infectious disease of international importance, and awareness was given to students and the public which relies on the 3rd SDG goal i.e., good health and health being. The health checkup program aims to prevent needless suffering from preventable diseases by focusing on key targets that boost the health of village population. Regions with the highest burden of disease and neglected population groups and regions are priority areas.

Major progress has been made in improving the health of millions of people. We can start by promoting and protecting our own health and the health of those around us, by making well-informed choices. We can raise awareness in our community about the importance of good health, healthy lifestyles as well as people's right to quality health care services, especially for the most vulnerable through education.

The Department of Yoga has made considerable progress in good health and well-being by providing Free Yoga sessions to general Public, Staff & Students of JSS AHER and JSS Mahavidyapeetha. Yoga practice has proved to be the best and safe method to restore the health. The department has conducted various Yoga awareness programs- "Yoga for Health & Society" on health & non-communicable diseases. To safeguard the student & faculty health in the department, a centralized primary healthcare has been provided. Free health insurances have been provided to students. Stringent prevention regulations have been adapted to prevent substance abuse, including narcotic drug abuse and harmful use of alcohol in the campus. In addition, the campus has adopted strict rules and safety measurement.

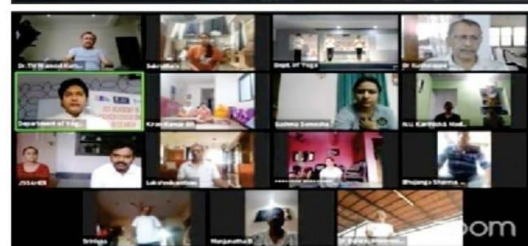
Department of Yoga is conducting various Yoga activities which has benefited all age groups.

- 1. Free General Yoga for Public** –Conducting Yoga Sessions Every month, Monday to Friday at 6.30am & 4.15pm. Started From April 2021 **till to-date** as on October 2022.
- 2. International Day of Yoga – June 21st 2021 -Theme-“Be with Yoga, Be at Home”**- Yoga session held Virtually on 21st June 2021 & other Yoga activities Organized by Department of Yoga, JSS Academy of Higher Education & Research, Mysuru.
- 3. In observation of National Science week** -“Yoga Awareness Activity on Friday 28th February 2022.
- 4. International Day of Yoga – June 21st 2022 -Theme-“Yoga for Humanity”**- Various Yoga activities was Organized by Department of Yoga JSS Academy of Higher Education & Research, Mysuru.

International Day of Yoga – June 21st 2021 -Theme-“Be with Yoga, Be at Home”

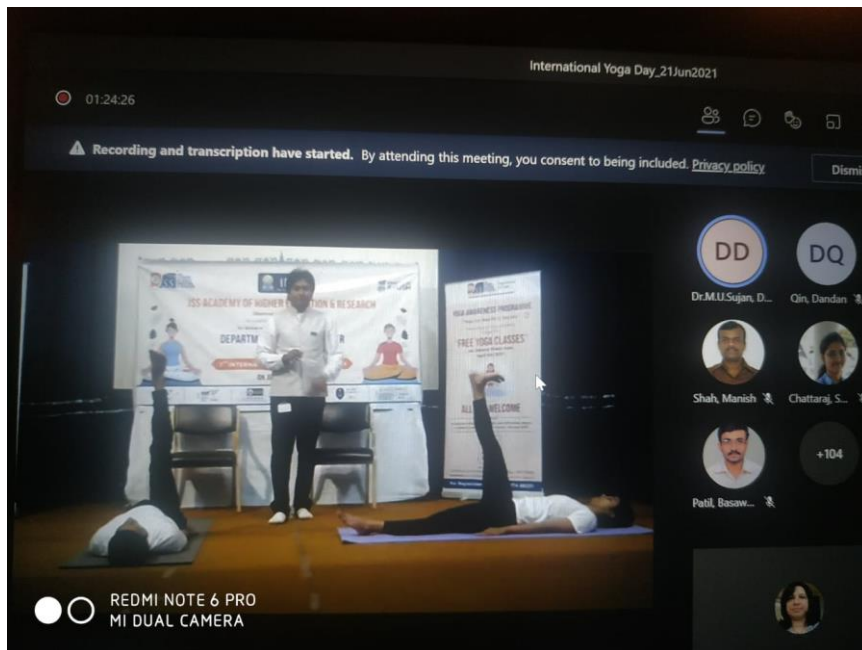
Department of Yoga & NSS, JSS AHER had organized Yoga Awareness Programme- Virtual Free Yoga session for General Public, Staff & Students of JSS AHER & JSS Mahavidyapeetha Institutions on 21st June 2021 from 6.30am to 8.00am. through virtual mode. The objective of the program was to impart general awareness & knowledge of Yoga & its positive efficacy on health and to motivate all the participants to implement yoga as regular fitness regime. Program was also streamed Live on JSS AHER Youtube Channel. Wide publicity about program was given through social media. **Session was inaugurated Virtually by The Registrar & The Director, (Academics).** General Public, Staff, Students and other authorities of JSS AHER & JSS Mahavidyapeetha Institutions had joined and participated actively in the Yoga session. Around 444 people registered and more than 200 participated in the program. E-Certificates were issued for registered participants.

Virtual Yoga Session by JSS AHER

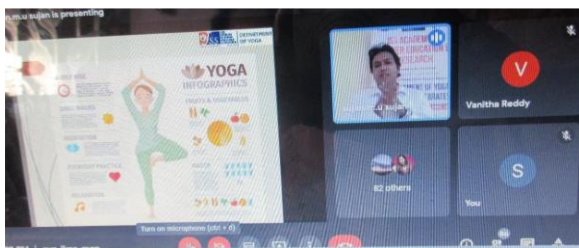


Mysuru, June 23- On 7th International Day of Yoga (IDY), JSS Academy of Higher Education & Research (JSS AHER), Sri Shivarathreeswara Nagar, Mysuru, Department of Yoga & NSS, had organised Virtual Yoga Session "Be with Yoga, Be at Home." The programme was streamed live on JSS AHER Youtube Channel on June 21 between 6.30 am and 8 am. The IDY 2021 Session started with virtual inauguration by Dr. B. Manjunatha, Registrar, JSS AHER and Dr. P.A. Kushalappa, Director (Academics), JSSAHER. General public and other authorities of JSSAHER actively participated in the Session as Yoga is the best preventive medicine available for mankind to control stress and modulate the immune system in the present pandemic times, said Dr. Kushalappa.

Department of Yoga in association with PRA Health Science (Global health care intelligence Company which provide clinical development service) JSS AHER had organized webinar (session 1: Health Talk & session 2: Yoga session) titled "Yoga for Stress Management & fitness" on 21st June 2021 from 11.30am to 1pm. Around 130 people participated actively in both the sessions from all worldwide branches of PRA health science.



Department of Yoga in association with Indian Dietetic Association-Mysore chapter had organized Webinar (Session 1: Health Talk & Session 2: Yoga session) titled “Yoga for a Healthy Lifestyle & wellness” on 25th June 2021 at 3pm to 4.30pm. Around 95 people participated actively in the programme.



Free General Yoga for Public- Yoga Awareness Programme- 2021-22

Department of Yoga has started General Yoga classes for General Public from 5th April 2021 onwards at Sri Rajendra Bhavana (behind OLD OPD block) and continuing the activity till date. Wide publicity about Yoga classes was given through social media, banners & standee. Banners and standee were displayed at outside & inside of JSS old OPD block, Sri Rajendra bhavan & at JSS Hospital premises. Many Participants attended registered and attended the Yoga classes from 6.30am to 7.30am. From 27th April onwards, Online Yoga sessions were organized due to COVID Lockdown.



Yoga Promotional Banners – Inside JSS Hospital



National Science Week:

“Yoga Awareness Activity on Friday 28th February 2022 in observation of National

Science week-The Department of Yoga, JSS Academy of Higher Education & Research had organized Yoga session on the occasion of “National Science Week” on Monday, 28th February 2022 at 9 AM to 2 PM at Government School Varna. The theme was “Science behind Yoga”. The Yoga exhibition program conducted in various Schools and colleges in Mysuru District. 28th February 2022 at Government school Varna. School staff and students actively participated. More than 140 students in 4 batches participated for 45minutes each. The program scheduled “Science behind Yoga “Power point presentation” followed by Sun Salutations,Asanas,Pranayama and Meditation practise. Importance of Asanas,Pranayama,Meditation & its effect on school children was addressed. This program was conducted to create awareness of Yoga and its Health benefits. For the benefit of all participants Loosening exercise, Breathing Exercise, different series of Asanas, Pranayama & Relaxation technique were also demonstrated and taught along with Surya namaskar and various asanas.



On observation of 8th International Day of Yoga – “Theme: Yoga for Humanity”

Activity conducted in the Month of June 2022

Activity 1:

“Yoga Awareness Programme -Yoga for JSS AHER Students, Faculty & Staffs:

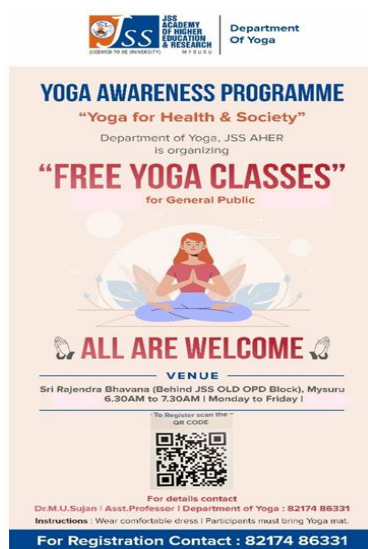
To impart yoga awareness, Department of Yoga, JSS Academy of Higher Education & Research had organized “Yoga Awareness Programme-Yoga for Health & Society- IDY common Yoga protocol” Free Yoga class for JSS for students, faculty & staff from 1st to 15th June 2022 & from 15th to 30th June 2022, Yoga for Weight loss training imparted through offline mode. Wide publicity about Yoga classes was given. Information & knowledge of Yoga and effect on weight loss was shared to participants by our expert Yoga faculty. Our Yoga module consists of Integrated approach -dynamic postures, various Asanas, Pranayamas, Relaxation techniques & meditation technique. Daily 1 batch were conducted. Participants were informed to register and attend the Yoga classes from 4.15pm to 5.15pm, Monday to Friday. Yoga was conducted by **professional & experienced Yoga teacher.**



Activity 2:

“Yoga Awareness Programme-Yoga for Health & Society” - Free Yoga class for General Public:

Department of Yoga, JSS Academy of Higher Education & Research had organized “Yoga Awareness Programme-Yoga for Health & Society” June theme- **“IDY common protocol”-Free Yoga class for General Public** from 1st to 30th June 2022 offline mode. Wide publicity about Yoga classes was given through social media. Information & knowledge of Yoga and its positive effect was shared to participants by our expert Yoga faculty. Our Yoga module consists of IDY protocol. Daily 1 batch were conducted. Participants were informed to register and attend the Yoga classes from 6.30am to 7.30am, Monday to Friday. **Yoga was conducted by professional & experienced Yoga teacher.**



Activity 3:

“Yoga Awareness Programme -Yoga training for MBBS students:

Department of Yoga & JSS Medical College, JSS Academy of Higher Education & Research had organized “Yoga Awareness Programme -Yoga training for MBBS students, JSS Medical College, to impart Yoga awareness, from 10th to 19th June 2022 from 4.30 to 5.30pm at JSS Medical College. Information & knowledge of Yoga and its effect was shared to participants by our Yoga faculty. IDY common Yoga module

protocol was followed. Students were informed to register and attend the Yoga class. Yoga was conducted by **professional & experienced Yoga teacher.**



Activity 4: “IDY 2022 participation at Mysuru at Palace premises”

JSS Academy of Higher Education & Research Students & Staff have registered and will be actively participating in IDY 2022 at Palace premises, Mysuru on 21st June 2022.

In observation of 8th International Day of Yoga, Ministry of AYUSH, Government of India had organized IDY 2022 AYUSH Exhibition on 21st & 22nd June 2022. The Department of Yoga JSS AHER had participated in this above said Yoga participation & Exhibition.

Objective of participation:

The Department of Yoga (DOY), JSS Academy of Higher Education & Research (JSS AHER) is a newly established department and in the view to Popularize; to create awareness of the department; for creating awareness of Yoga health education to the public, DOY had participated in IDY 2022 AYUSH Exhibition held at Dasara Exhibition ground, Mysuru on 21th & 22nd June 2022 with our theme: **“Yoga for Humanity & Yoga health Education at JSS Academy of Higher Education & Research”.**

JSS AHER allotted Stalls:

JSS AHER, Department of Yoga was allotted free stalls from Ministry of AYUSH, Government of India. Our allotted stall was No.113 & 115. First day, as Hon.Prime Minister of India visited AYUSH Exhibition, we were informed to open the Stalls at 5am. Stall was open from 5am to 8.30pm on 21st & on 22nd June 2002 from 10am to 6.30pm. More than 1500 visitors visited our stall.

The highlights of JSS AHER stalls:

1. **Only Deemed to be University:** JSS AHER, the only Deemed to be University who was offering Certificate programme Yoga Teachers Course for 3 months and UGC approved Yoga courses B.Sc & M.Sc Yoga with the well-structured science based unique syllabus & Centre for Distance & Online Education courses.
2. **Projected short videos:** We had projected Science behind Yoga and its importance which gained attention of the visitors & also DOY short promotional videos was projected.
3. **Signature drive theme:** “I Pledge Yoga for Lifestyle # Yoga for Humanity” we conducted signature pledge from dignitaries and public.
4. **Yoga Selfie Stand:** To create awareness of Yoga we conducted “Snap & Share Selfie” drive.

PHOTO GALEERY OF IDY 2022 AYUSH EXHIBITION



AYUSH Exhibition:



From L to R: Dr.Sujan, Department of Yoga handing over brochure of DOY to Dr.Rajesh Kotecha, AYUSH Secretary, Ministry of AYUSH, GOI.



From R to L: Dr.Rajesh Kotecha, AYUSH Secretary, Ministry of AYUSH, GOI; Dr.Sujan, Department of Yoga; Dr.Anil Kumar, Chairman, NCH , Dr.Ragavendra Rao, Director, CCRYN, Ministry of AYUSH, GOI.



Hon.Sri. Ramdas, MLA, Mysuru visited Department of Yoga stall.



Hon.Sri. Dr. C.G. Betsurmeth, Executive Secretary, JSS MVP visited Department of Yoga stall.



Sri. Dr. B.Manjunatha, Registrar & Sri.Dr.Kushallappa, Director (Academics), JSS AHER visited Department of Yoga stall.



Mrs.Dr.M.R.Dakshayini Deputy Director (Authorities), JSS AHER visited Department of Yoga stall.

Photos of Signature drive theme: “I Pledge Yoga for Lifestyle # Yoga for Humanity”



Photos of Yoga Selfie Stand: “Snap & Share Selfie” drive.



COVID 19 Booster Dose



Covid-19 Immunization was undertaken for students and staff at JSS Dental College & Hospital. A total of 592 students and staff have received the immunization at the institution.

Oral Health Awareness and Screening Camps throughout the year





World Mental Health Day was conducted by the psychology division of our college. The students from various divisions took part in the program organized. As an extension activity of the regarding the mental health an awareness program was conducted to various school students in and around Ooty.

The students visited the CSIR – CFTRI (Central Food Technological Research Institute) Mysuru. The scientists were able to understand the technology adopted by various research labs in production on new innovative products. The students interacted with scientists, and they visited all the facilities available at the Institute.



SCIENTIFIC PROGRAMMES ORGANIZED ALIGNING TO THIS GOAL

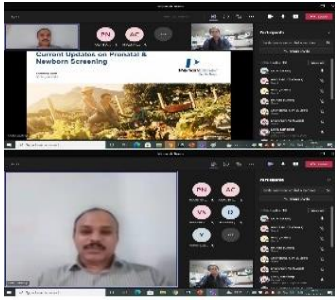
SYMPOSIA- SAMBAV: Health Professionals as Mental Health Facilitators



Brief Report of Two days Symposia SAMBAV: Health Professionals as Mental Health Facilitators 11th & 12th June 2021.

Department of Psychiatry, JSS Medical College, JSS Academic Higher Education & Research Mysuru had organised two-day symposia to augment mental health Services, SAMBAV: Health Professionals as Mental health facilitators. More than 300 delegates participated in this unique online interactive program, facilitated by multidisciplinary experts in mental health from India & abroad led by Prof Mohan Isaac of University of Western Australia, who chaired and moderated the sessions. Dr Kishor M, Mr Sudheep PK, Dr Kiran Kumar K, Dr Vinay HR and Dr Praveen Kulkarni were the resource persons. The dignitaries who inaugurated symposia, Hon. Pro Chancellor of JSSAHER, Prof B Suresh emphasised the need to study resilience in Indian context. Hon. Vice Chancellor of JSSAHER, Dr Surinder Singh called for more efforts to enhance mental health services. Registrar of JSSAHER. Principal & Dean of JSS Medical College, Dr H Basavanagowdappa called for addressing fear & anxiety among public health due to misinformation. JSS Hospital Director Dr (Col) M. Dayananda emphasised on the need to address frontline workers, who have faced challenges. Dr Rajesh Raman, Head of Psychiatry, JSSMC and Prof TS Sathyanarayana Rao, Hon. Gen Sec Indian Psychiatric Society, commended the initiative. Dr Suma MN, Vice principal, JSS Medical College, supported the entire organisation of Symposia. Dr Kishor M, Associate Prof of Psychiatry at JSS Medical, JSSAHER organised the symposia. Based on delegates' requests the proceedings of symposia are being made available on the official YouTube platform of JSSAHER.

“CURRENT UPDATES ON NEWBORN AND PRENATAL SCREENING”



An online guest lecture by Mr. Sandeep Dixit, Application Scientist, Perkin Elmer, was organised by department of biochemistry with 30 participants on “Current updates on newborn and prenatal screening” on 6th August 2021.

“GUEST LECTURE SERIES IN HEMATOPATHOLOGY”

An offline series of 5 guest lectures by Dr Chethan Manohar, Hematopathologist, Professor and Former Director of Laboratory services, KMC Manipal were organised by department of Pathology on 13/9/21, 29/9/21, 27/10/21, 9/11/21, 30/11/21 on

1. Approach to peripheral smear examination
2. Approach to Bone Marrow Interpretation
3. Discussion of grey zone cases
4. Myeloproliferative Neoplasms – Diagnostic Approach
5. Clinicopathological interpretation of interesting cases

A total of 100 participants were benefitted by the lectures

NTEP QUIZ

An online quiz was conducted by department of community medicine with financial support of Rs.3000/- District TB office, Department of H&FW, Mysuru. 10 participants took part in the quiz

INSULIN SYMPOSIUM



Insulin Symposium was organized on eve of World Diabetes day by department of Medicine on 14.11.2021 at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru

“MOTIVATIONAL INTERVIEWING”

An offline guest lecture by Dan Isaac Pothiyil, Asst. Prof. Dept. Cl.Psy., Manipal University was organised by department of Clinical Psychology on “Motivational interviewing” on 29. 10. 2021.

“QUALITATIVE RESEARCH”

Online guest lecture by Anne Krayer, Research Fellow, Bangor University, UK was organised by department of Clinical Psychology on “Qualitative research” on 4th October 2021 and 18th November 2021 on Zoom Platform. 30 delegates participated in the guest lecture

“INDIAN PSYCHOLOGY”

A series of offline guest lectures by Dr S K Kiran Kumar, Former Professor, University of Mysore were organised by department of Clinical Psychology on Indian psychology from 2nd August 2021 to 10th August 2021 with a financial support of 4000/- from JSSAHER. 30 delegates participated in the guest lecture

“GUEST LECTURE ON RESPIRATORY SYSTEM”



Department of Anatomy organized a Guest Lecture on Respiratory system for 1st MBBS students on 2nd June 2022 by Dr.Karthik S Harve, Associate Prof & specialty head for anatomy, HSS cluster, Singapore Institute of Technology, Singapore. He highlighted the clinical importance of respiratory system with examples & students were interactive.

"GUEST LECTURE -DEVELOPING EFFICIENT TOOLS FOR MOLECULAR DIAGNOSTICS AND REGENERATIVE MEDICINE"



Academic Society in conjunction with Department of Anatomy arranged an invited lecture on "Application of biophysical principles to develop efficient tools for Molecular Diagnostics and Regenerative Medicine" By -Dr.Karthik S Harve, Associate professor and specialty lead for anatomy, HSS cluster, Singapore Institute of Technology, Singapore on 2nd June 2022.

QI ACUITY DIGITAL PCR

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) in support from Director Academics, JSS AHER has organized a guest lecture on **QI Acuity Digital PCR** by Mr. **Senthilnathan Senguttuvan**, Head, Application Scientist Team, Qiagen India Pvt Ltd in the Seminar Room, Department of Biochemistry, JSS Medical College, between 2:00PM to 3:00PM on 28th December 2021.

Mr. Senthilnathan was introduced by Dr.MVSST Subba Rao, Professor of Cellular & Molecular Biology, CEMR Laboratory, Department of Biochemistry, JSS Medical College, JSS AHER. Members of the SIG, post graduate students, research scholars, teaching staff (from different departments of JSS Medical College, Faculty of Life Sciences, JSS College of Pharmacy) attended the lecture.

Mr. Senthilnathan has highlighted the unique features of digital PCR and mentioned about its utility in various settings. In addition, he has mentioned about the advantages and limitations of digital PCR technology

TREATMENT OF MYELOID LEUKEMIAS WITH ENDOGENOUS MOLECULES

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) in support from Director Academics, JSS AHER has organized a guest lecture on **TREATMENT OF MYELOID LEUKEMIAS WITH ENDOGENOUS MOLECULES** by Dr. **K. Sandeep Prabhu**, Professor of Immunology and Molecular Toxicology, Head, Department of Veterinary and Biomedical Sciences, The Pennsylvania State University, University Park, PA, USA in the Seminar Room, Department of Biochemistry, JSS Medical College, between 3:00PM to 4:00PM on 14th March 2022.

Dr. Sandeep Prabhu was introduced by Dr. M.V.S.S.T. SUBBARAO, Professor of Cellular & Molecular Biology, CEMR Laboratory, Department of Biochemistry, JSS Medical College, JSS AHER. Members of the SIG, post graduate students, research scholars, teaching staff (from different departments of JSS Medical College, Faculty of Life Sciences, JSS College of Pharmacy) attended the lecture.

WESTERN BLOTTING AND 2D GEL ELECTROPHORESIS

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) in support from Director Academics, JSS AHER has organized a guest lecture on **WESTERN BLOTTING AND 2D GEL ELECTROPHORESIS** by **Dr. Senthil Karunakaran & Mr. Arun Kumar Padmanabhan**. Dr. Senthil is a Commercial Marketing Manager – Genomics and Proteomics, Merck Group. Mr. Arun is a Commercial Marketing Manager – Protein Research Workflow Products & Immunoassay Solutions, Merck Group in the Seminar Room, Department of Biochemistry, JSS Medical College, between 9:45AM to 12:30PM on 7th April 2022. . Post-graduate students, research scholars from CEMR Laboratory and Faculty of Life Sciences had attended these lectures.

DLS DYNAMIC LIGHT SCATTERING TECHNIQUE

Special Interest Group on Cancer Biology and Cancer Stem Cells (SIG-CBCSC) in support from Director Academics, JSS AHER has organized a guest lecture on **DLS Dynamic Light Scattering technique** by Dr. **Kapil Joshi.**, Application Specialist Characterization Division Anton-Paar India Pvt. Ltd., Udyog Vihar, Phase-5, Gurugram-122016 (Haryana), India, in the Seminar Room, Department of Biochemistry, JSS Medical College, between 11:00AM to 12:00Noon on 27th April 2022. During presentation Dr. Kapil Joshi discussed about the basics of DLS (dynamic Light scattering) & its applications in various fields. Members of the SIG, post graduate students, research scholars, teaching staff (from different departments of JSS Medical College, Faculty of Life Sciences, JSS College of Pharmacy) attended the lecture.

DEMONSTRATION ON "BELYSA - IMMUNOASSAY DATA ANALYSIS SOFTWARE" BY MERCK "



The Department of Biochemistry, & Medical Genetics, JSS Medical College in collaboration with Merck laboratories organized an online demonstration on "Belysa - Immunoassay data analysis software" by Merck " on 22nd April 2022 between 3:00 to 4:00 PM. Dr. Arunkumar Padmanaban from Merck was the key resource person for the session. He gave a brief overview of the different types of immunoassay data and

then introduced the Belysa software that is built for the analysis of data acquired from various formats including multiplex immunoassay, SMC, and generic ELISA. He also gave a virtual demonstration of the different features of software and analysed our data to help us understand the utility of the software.

Overall, the session was very useful and well attended by the faculty and the postgraduate students of the Department of Biochemistry & Department of Medical Genetics, JSS Medical College, Mysuru

MOTIVATIONAL SESSION FROM ALUMNUS



Dr. Veena Venkatesh PG alumna of our department working as a General Manager, Medical Affairs at Ajanta Pharma Ltd., Mumbai visited our department on 7th February 2022. She interacted with the MD, PhD and MSc students and shared her work experiences in various pharmaceutical companies

INDUSTRY ACADEMIA CONNECT



Industry Academia Connect – Life Changing Career at Novo Nordisk was organized on 16/02/2022 by Dr.Jayanthi M.K., Professor and Head, Department of Pharmacology, JSS Medical College in collaboration with Dr.Vijaya Vasantha Kumar – Medical Head and Senior Medical Manager – Novo Nordisk.

“SIGNIFICANCE OF PHARMACOVIGILANCE IN PATIENT SAFETY”



A guest lecture was organised by department of pharmacology by Dr.Mohammed Sibgatullah MBBS, MD, Associate Director PVG Physicians. Thermofisher Scientific. Hyderabad, Telangana. He Spoke to UG’s on significance of pharmacovigilance in patient safety and its impact on health outcomes.He spoke to the PGs on JOB opportunities in the field of PV along with summarizing the role of physicians and case processing associates in ICSR Processing which includes Triage, Medical review (Seriousness assessment, Labelling and causality assessment) Argus safety database and Medical coding (Medra).

GUEST LECTURES BY SCHOOL OF PUBLIC HEALTH

Sl no	Faculty	Topic
1	Dr.Anjana Penugondla, Technical Specialist, UNDP India-Digital Health	<ul style="list-style-type: none"> • Basic knowledge of health care systems and the environment in which health care managers and providers function on 12/02/2022 • Health Programmes: planning, implementation, Monitoring and Evaluation on 19/02/2022 • Introduction to logistics management on 12/03/2022
2	Dr Gajendra Singh, Health Officer, UNICEF Raipur	<ul style="list-style-type: none"> • Quality: define quality, its importance in public health, measures to manage and improve quality-on 15/02/2022 • Project management-on 18/02/2022 • Public Health Leadership-on 19/02/2022 • Effective communication : Verbal versus non- verbal communication-on 21/02/2022 • Various forms of written communication-on 22/02/2022 • Evidence based advocacy-on 23/02/2022 • Consensus building-on 24/02/2022 • Using audio visual aid in communication-on 25/02/2022 • Etiquettes and professionalism-on 26/02/2022
3	Dr Meena Som, Health Team Leader for the state of Odisha	<ul style="list-style-type: none"> • Introduction to human resource management-on 26/02/2022
4	Dr Sravan Chenji Health Officer, UNICEF, India	<ul style="list-style-type: none"> • Innovations in public health-on 26/02/2022
5	Dr Sajjan Madappady, Director- Dr. Sajjan Academy Pvt. Ltd(Global healthcare skill training platform and President- Dynamic Health & Education Foundation(NGO) & Director- dynamic Medicare pvt. Ltd & Director- LearnHealth. In (Patient education platform)	<ul style="list-style-type: none"> • Finalize your target audience-on 21/02/2022 • Conflicts management and negotiations in business world-on 22/02/2022 • Strategy :Various definitions components of strategic management -introduction to strategic planning & management, process ,vision, mission, objectives ,environment analysis ,internal analysis-on 22/02/2022 • Peer review of individual business-on 28/02/2022 • Various sources for financing a new venture-on 01/03/2022 • Sustainability form strategic management and entrepreneurship angle-on 03/03/2022
6	Dr Archisman Mohapatra, Executive Director, The Gird Council, Delhi NCR	<ul style="list-style-type: none"> • Major Concepts and frameworks in strategic management ,SWOT ,experience curve ,portfolio theory ,value chain-on 09/03/2022 • Strategic thinking and decision making and strategic planning : Environmental, scenario, Implementation and Evaluation- on 12/03/2022

7	Dr Chirag B Valia, SMO, Surat, Gujrat and Polio, measles, AEFI and Routine Immunization Activity	<ul style="list-style-type: none"> • Risk Management-on 14/03/2022
8	Dr Siddharth Sekhar Mishra , Assistant Professor, IHMR, Delhi	<ul style="list-style-type: none"> • Introduction of Operational Research. History of operation research and seven stages of OR ,stage 1 -formulate/define organisational problem, stage 2-observe the system-on 08/02/2022 • Safety, Acceptability ,Feasibility and Effectiveness in designing public health interventions, field interventions and field trials-on 14/03/2022
9	Dr Pankaj Talreja, Assistant Professor-international Institute of Health Management Research, new Delhi	<ul style="list-style-type: none"> • Stage 3 -Create a mathematical model of the problem Stage 4-model validation and application to the problem Stage 5- Identification od suitable alternative Stage 6-results discussion and conclusion +Stage 7-Implementation and evaluation of the recommendation-on 11/03/2022
10	Dr. Pankaj Agrawal, National programme Manager for New vaccine Introduction/PVC/ Introduction project with John Snow India	<ul style="list-style-type: none"> • Health Informatics ,E-health-on 14/03/2022 • Tele medicine ,m-health-on 15/03/2022
11	Dr Kiranmayee Muralidhar- Research Physician, public Health Research institute of India, Mysuru	<ul style="list-style-type: none"> • Behavioural aspects of governmental, faith based and other non – governmental organizations-on 02/03/2022
12	Dr. Prashanth Sadashivamurthy, Professor & Deputy Director(Academics) JSS Academy of Higher Education & Research, Mysuru	<ul style="list-style-type: none"> • Preparing Business elevator pitch-on 28/03/2022 • Business modelling-on 28/03/2022
13	Dr. Ilham Zaidi, Program Officer-I, regional NTDs Nodal Officer) PATH India	<ul style="list-style-type: none"> • Health Policy Analysis-on 29/03/2022 • Discussion National Health Policy-on 29/03/2022
14	Dr Sudha Chandrashekar, Executive Director, National Health Authority, India	<ul style="list-style-type: none"> • Introduction to Health Economics-on 04/06/2022

ROLE OF OFFICE HYSTEROSCOPY

Dr. Priyankur Roy, Alumni of JSS Medical College and Assistant Professor, Lord Buddha Koshi Medical College and Hospital, Saharsa, Bihar. Chairperson- Public Awareness Committee, FOGSI delivered guest lecture on Role of office hysteroscopy- “the new stethoscope” in Management of intra-uterine pathologies hosted by Dept. of O.B.G., JSS Medical College, Mysuru on 16th May 2022. 25 participants were attended this programme

FERTILATOR



An offline guest lecture was delivered by CIO (Chief innovation officer) Mr. Vijayagopal R and his team from Reprosce Biosciences Private limited on “Fertilator” a medical training simulator organized by department of obstetrics and Gynaecology on 24.05.2022. There were 20 participants for the lecture.

“APPROACH TO JAUNDICE IN THE NEW-BORN”



Dr.Sahana Shankar, MD, Fellowship in Gastroenterology, Pediatric Gastroenterologist, Narayana Group of Hospitals, Bangalore delivered lecture on Approach to Jaundice in the new-born on 16th April 2022 organised by deptment of pediatrics. 40 participants were attended this programme.

“APPROACH TO CHILD WITH BLEEDING”

Dr.Tarangini (MD, FNB), Pediatric Hematology Oncology & Bone Marrow Transplantation), Narayana hrudayalaya, Mysuru delivered lecture on Approach to a child with bleeding at Seminar Hall, JSS Medical Collee & Hospital, Mysuru on 28th May 2022. 40 participants attended the lecture.

“ROLE OF SEXUAL MEDICINE IN ORTHOPAEDICS”



Department of Orthopaedics as a part of Interdepartmental lectures / meet arranged a guest lecture by Dr.T.S.Satynarayana Rao, Professor, Department of Psychiatry. Guest Lecture was given on the Topic: Role of Sexual Medicine in Orthopaedics, on 10th June 2022 in the Department Seminar Hall. Session was chaired by the Head of the department Dr.Siddalingamurthy G. Lecture was attended by the Staff's and Post Graduates of the department.

GUEST LECTURES DELIVERED BY FACULTY RELATING TO THE SDG

Dr. Pramod Kumar T M	Delivered a talk on Pharmacy Practice school Understanding and Implementation at Sharadchandra Pawar College of Pharmacy, Pune Maharashtra on 14 th July 2021
B R Prashantha Kumar	<ul style="list-style-type: none"> • Delivered a talk on CoMFA and CoMSIA A 40 Year old Technique but still promising during QIP on Quality management in the design, discovery and development of drugs from natural and synthetic origin held at JSS CP, Ooty on 19th August 2021 • Multicomponent synthesis in drug discovery at AICTE Sponsored QIP on Synthetic & Natural Products for Drug Discovery in 21st Century on 19th August 2021 • Delivered a talk on Flex model for blended classroom at KLECP, Hubli on 7th October 2021
Dr. Saravana Babu	<ul style="list-style-type: none"> • Delivered a talk on Demystifying the link between sleep and memory at Santhiram College of Pharmacy, Kurnool AP, on 6th July 2021 • Delivered a talk on Evaluation of Neuroprotective Effects of Polyphenol Enriched Blueberry in Sleep Restricted Animals at Dept of Biomedical Engineering, North Eastern Hill University (NEHU), Shillong, Meghalaya on 30th October 2021 • Delivered a talk on IBRO APRC school on Modern interventional tools to improve Cognitive behaviour in children with neurodevelopmental disorders at Department of Education, North Eastern Hill University (NEHU), Shillong, Meghalaya on 30th October 2021
Dr. M P Venkatesh	<ul style="list-style-type: none"> • Delivered a talk on Intellectual Property Rights: An Overview at Chebrolu Hanumaiah Institute of Pharmaceutical Sciences (CHIPS), Guntur, AP on 12th August 2021 • Delivered a talk on Effective Implementation of Practice School - A value addition for Pharma Graduates at IPA, Pune Branch on 20th August 2021 • Delivered a talk on Drug Distribution at UCSI University, Faculty of Pharmaceutical Sciences at Kuala Lumpur, Malaysia on 1st October 2021

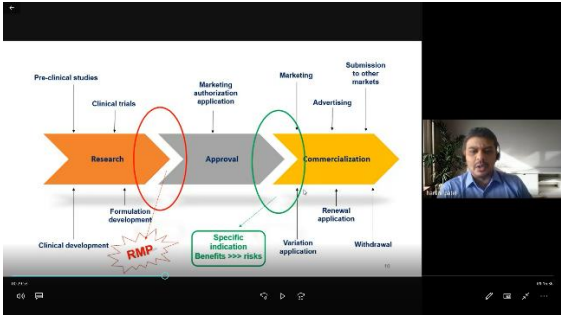
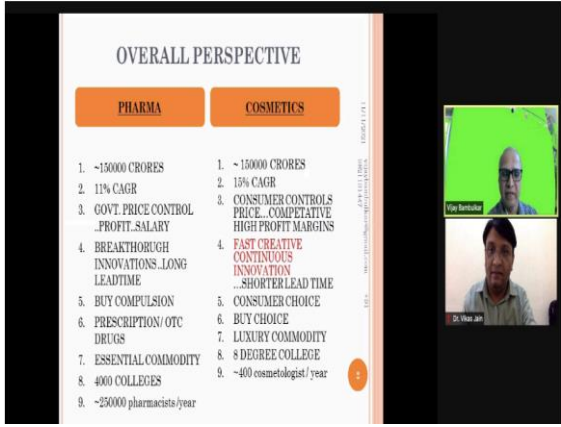
Dr. M Ramesh	<ul style="list-style-type: none"> • Delivered a talk on Roles & Functions of MDMC in Materiovigilance Programme of India (MvPI) during the Webinar on 5th Induction-cum-Training Programme on Materiovigilance Organised by Materiovigilance Programme of India (MvPI), Indian Pharmacopoeia Commission at Ghaziabad, UP (Online) on 29th July 2021 • Delivered an online lecture on Causality Assessment of Adverse Drug Reaction at webinar on Essentials of Pharmacovigilance: Basics to Advanced Organised by Regional Training center - Amritha Institute of Medical Sciences & Regional training Kochi, Kerala on 18th December 2021 • Delivered a talk on Detection, Reporting and Monitoring of Adverse Drug Reaction at JSS Ayurveda Medical College & Hospital, Mysuru on 14th January 2022 • Delivered an online lecture on National Coordinating Centre, Indian Pharmacopoeia Commission, Ghaziabad organized by Regional Training of Trainers (ToT) on Pharmacovigilance for Traditional Medicines (TRM) Products for the WHO South-East Asia Region between 26-28 October 2021
Dr. M P Gowrav	Delivered a talk on 3D Printing & Bioprinting- Current Trends & Future Prospectives at Annamacharya College of Pharmacy, Rajampet, A.P on 19 th August 2021.
Dr. K L Krishna	<ul style="list-style-type: none"> • Delivered a talk on Microdosing?? A paradigm shift in drug development process at AICTE Sponsored one week online STTP on New horizons in Pharmaceutical industry and health care: Rediscovering Indian traditional system of Medicine on 2nd August 2021 • Delivered a talk on Biosimilars and their approval process during AICTE Training and Learning (ATAL) Academy Sponsored online FDP on "Recent Trends in Drug Discovery (Advanced Level) at Dept of Pharmacology, Mahatma Gandhi University, Kerala
Dr. S N Manjula	Delivered a talk on Development of herbal formulation for the treatment of thrombocytopenia at 8 th International Congress of Society for Ethnopharmacology, India Pune Chapter (SFEC 2021) held at Poona College of Pharmacy, Pune between 27-29 August 2022
Dr. Juny Sebastian	<ul style="list-style-type: none"> • Delivered a talk on Vaccine Safety Basics at National Conference on Patient Safety held at SACCP, BG Nagara, Bangalore on 23rd August 2021 • Delivered a talk on Vaccine Safety Surveillance: Need of the Hour at National College of Pharmacy, Kozhikode, Kerala on 18th September 2021 • Delivered a talk on Current Scenario of COVID-19 Vaccines in India at Mamatha Academy of Medical Sciences, Hyderabad, Telangana on 21st September 2021 • Delivered a talk on Vaccine Safety: Role of the Pharmacist at St. Joseph's College of Pharmacy, Cherthala, Kerala on 28th September 2021 • Reporting of Safety information at webinar on Essentials of Pharmacovigilance: Basics to Advanced Organised by Regional Training center - Amritha Institute of Medical Sciences & Regional training Kochi, Kerala on 18th December 2021 (Online) • Experiences of a clinical pharmacist during covid-19 pandemic at webinar organized by American College of Clinical Pharmacy (ACCP) Practice and Research Network (PRN) in partnership with Pediatric Pharmacists Association on 12th January 2022
Dr. Vikas Jain	Delivered a talk on Design and Evaluation of Lipid Based Nanomedicines: Challenges and Opportunities at NGSIM Institute of Pharmaceutical Sciences, Mangalore on 21 st September 2021
Dr. Nagashree K S	<ul style="list-style-type: none"> • Delivered an online talk on Review- On Risk of Genotoxic agents and its effects on Aging at VI World Congress on Geriatrics and Gerontology 2021 organized by BioGenesis Health Cluster, Bangalore on 31st October 2021


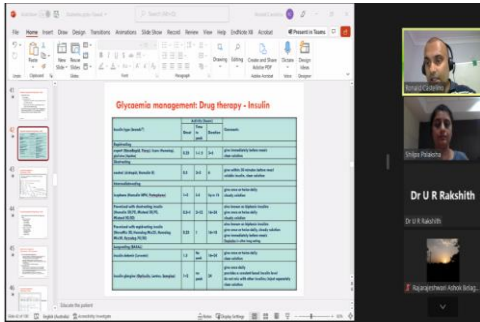
	<ul style="list-style-type: none"> Delivered an online talk on Evaluation of genotoxicity studies using Mice and zebrafish at 2nd World congress on Pharmacology - 2022 organized by BioGenesis Health Cluster on 30th January 2022
Dr. Sriharsha Chalasani	<ul style="list-style-type: none"> Delivered a talk on Research Methods In Pharmacovigilance at Faculty of Pharmacy, Ramaiah University of Applied Sciences Bangalore on 30th October 2021 Delivered a talk on ADRs & patient safety, Interpretation of laboratory data, & ward round participation at District Health Training Centre, Mysuru on 14th, 9th, & 16th respectively. Methods of Pharmacovigilance at webinar on Essentials of Pharmacovigilance: Basics to Advanced Organised by Regional Training center – Amritha Institute of Medical Sciences & Regional training Kochi, Kerala on 18th December 2021 (Online) Awareness Program on Adverse Drug Reaction Reporting Form, Version 1.4. at JSS Medical College & Hospital on 9th December 2021
Dr. Mahendran B	Delivered a talk on Biopharmaceutics, Bioavailability & Drug Interaction at District Health Training Centre, Mysuru on 8 th , 15 th , & 22 nd December 2021
Dr. Jaidev Kumar B R	<ul style="list-style-type: none"> Delivered a talk on Pharmaceutical Care at District Health Training Centre, Mysuru on 23rd December 2021 Delivered an online lecture on Home Medicine Review at webinar conducted by Clin Med on 19th December 2021
Ms. Shilpa Palaksha	Delivered a lecture on Pharmacovigilance, Patient Safety at District Health Training Centre, Mysuru on 21 st December 2021
Dr. Srikanth M S	Delivered a talk on Logical partnership between Psychiatry & Clinical Pharmacy departments at SACCP, B G Nagara, Bengaluru on 10 th December 2021
Dr. Mruthunjaya K	Delivered a talk on Integration of Traditional medicine with Allopathic system: if not now, When? at 8th International Congress of Society of Ethno-Pharmacology, India held at Pune College of Pharmacy, Pune on 27 th August 2021


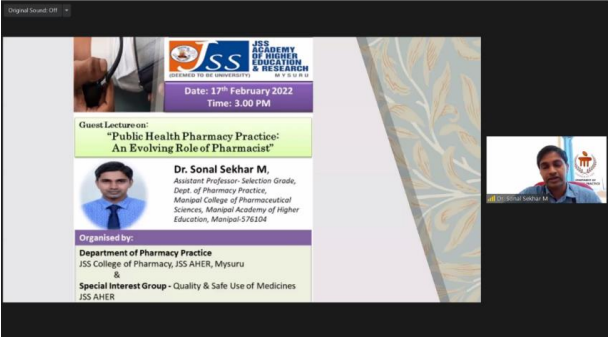
Dr. Ronald Castelino Senior Lecturer in Pharmacology & Clinical Pharmacy Faculty of Medicine and Health, University of Sydney and Renal Pharmacist, Blacktown Hospital, NSW, Australia	Online Lecture on Diabetes Management on 11 th Feb 2022
Dr. Sonal Shekar M Assistant Professor-Selection Grade, Department of Pharmacy Practice, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, Manipal	Online Lecture on Public Health Pharmacy Practice - An Evolving Role of Pharmacist on 17 th February 2022
Dr. Krishna Undela Assistant Professor NIPER, Guwahati	Delivered a lecture on Signal Detection in Pharmacovigilance on 18 th February 2022
Dr. Gaddam Bhanu Prathap Founder & CEO, CliniRex, Hyderabad	Delivered a lecture on AI based tool for Documentation of Clinical Pharmacy Activities on 25 th February 2022
Dr. Matam Vijay Kumar Professor Director, The University of Toledo-Microbiome Consortium Toledo, Ohio	Delivered a lecture on Interplay Between Gut Microbiota and Dietary Fiber in Liver Cancer: The Dark Side of Fermentation" on 21 st March 2022
Dr. M. Kishor	Delivered an online lecture on Be kind to the Mind on the occasion of World Health Day on 7 th April 2022

Associate Professor, Department of Psychiatry, JSS Medical College & Hospital, Mysuru	
Ms. Meghana K N Dietician, Department of Nutrition & Dietetics, JSS Hospital, Mysuru	Delivered an online lecture on Eat Health - Stay Wealthy on the occasion of World Health Day on 7 th April 2022
Dr. Jimmy Jose Asst. Professor, Dept. Pharmacy Practice, School of Pharmacy, University of Nizwana Sultanate of Oman, Oman	Delivered an online lecture on Nocebo Effect in Medication Safety on 28 th April 2022

Guest lecturers and webinars

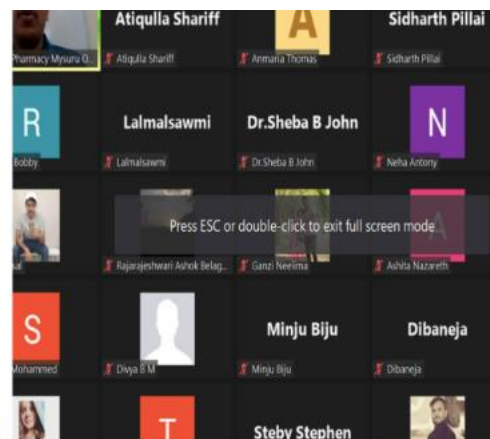
Name of the Expert	Lecture Topic																				
<p>Mr. Harshil Patel</p>	<p>Department of Pharmacy Practice, JSS College of Pharmacy, JSS AHER, Mysuru organized an virtual guest lecture on the topic ‘Risk Management Planning in Pharmacovigilance’ on 26th June 2021 for the benefit of PharmD and M. Pharm Pharmacy Practice students of both Mysuru & Ooty Campuses. Mr. Harshil Patel, Deputy Manager - Pharmacovigilance, APCER Life Sciences, Inc., India and alumni of JSS College of Pharmacy, Mysuru was the resource person. The lecture was organized with the objective to enlighten participants on the importance of RiskManagement Planning in Pharmacovigilance and role of pharmacist in risk management.</p> 																				
<p>Dr. Vijay Bambulkar</p>	 <table border="1"> <thead> <tr> <th>PHARMA</th> <th>COSMETICS</th> </tr> </thead> <tbody> <tr> <td>1. ~150000 CRORES</td> <td>1. ~ 150000 CRORES</td> </tr> <tr> <td>2. 11% CAGR</td> <td>2. 15% CAGR</td> </tr> <tr> <td>3. GOVT. PRICE CONTROL PROFIT..SALARY</td> <td>3. CONSUMER CONTROLS PRICE...COMPETATIVE HIGH PROFIT MARGINS</td> </tr> <tr> <td>4. BREAKTHROUGH INNOVATIONS..LONG LEADTIME</td> <td>4. FAST CREATIVE CONTINUOUS INNOVATION ..SHORTER LEAD TIME</td> </tr> <tr> <td>5. BUY COMPULSION</td> <td>5. CONSUMER CHOICE</td> </tr> <tr> <td>6. PRESCRIPTION/ OTC DRUGS</td> <td>6. BUY CHOICE</td> </tr> <tr> <td>7. ESSENTIAL COMMODITY</td> <td>7. LUXURY COMMODITY</td> </tr> <tr> <td>8. 400 COLLEGES</td> <td>8. 8 DEGREE COLLEGE</td> </tr> <tr> <td>9. ~250000 pharmacists/year</td> <td>9. ~400 cosmetologist / year</td> </tr> </tbody> </table>	PHARMA	COSMETICS	1. ~150000 CRORES	1. ~ 150000 CRORES	2. 11% CAGR	2. 15% CAGR	3. GOVT. PRICE CONTROL PROFIT..SALARY	3. CONSUMER CONTROLS PRICE...COMPETATIVE HIGH PROFIT MARGINS	4. BREAKTHROUGH INNOVATIONS..LONG LEADTIME	4. FAST CREATIVE CONTINUOUS INNOVATION ..SHORTER LEAD TIME	5. BUY COMPULSION	5. CONSUMER CHOICE	6. PRESCRIPTION/ OTC DRUGS	6. BUY CHOICE	7. ESSENTIAL COMMODITY	7. LUXURY COMMODITY	8. 400 COLLEGES	8. 8 DEGREE COLLEGE	9. ~250000 pharmacists/year	9. ~400 cosmetologist / year
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	<p>A webinar on “Cosmetic Industry as a career opportunity” was held on 11th November 2021 from 3.00 pm to 5.00 pm through online platform at JSS college of pharmacy, Mysuru. This lecture was especially organized for the B. Pharm, M. Pharm., and Ph.D. students. The Speaker for the lecture was Dr. Vijay Bambulkar, Consultant and Adjunct faculty, JSS Academy of Higher Education & Research, Mysuru, INDIA.</p>
<p>Mr Yashwanth G</p>	<p>A webinar on “Parenteral Manufacturing Overview and Aseptic Process Simulation” was organized on 27th November 2021 from 11.00 AM to 1.00 PM through online platform at RA Seminar Hall, JSS college of pharmacy, Mysuru. This lecture was especially organized for the M. Pharm (Quality Assurance and Regulatory Affairs) students. The Speaker for the lecture was Mr Yashwanth G, Senior Executive, International Regulatory Affairs, Biocon Pvt Ltd, Bangalore.</p> 
<p>Dr. Ronald Castelino</p>	<p>Department of Pharmacy Practice, JSS College of Pharmacy (JSSCP), Mysuru in association with Pharmacy Education Unit organized an e-guest lecture on the topic “Diabetes Management: Case Based Learning” on 11th February 2022 for the benefit of Pharm.D and M. Pharm (Pharmacy Practice) students. Dr. Ronald Castelino, Senior Lecturer in Pharmacology & Clinical Pharmacy, Faculty of Medicine and Health, University of Sydney AND Renal Pharmacist, Blacktown Hospital, NSW, Australia was the speaker. The lecture was organized with the objective to enhance the students’ learning experience on diabetes management through case based approach.</p> 
<p>Dr Marina Suzuki</p>	<p>Department of Pharmacy Practice, JSS College of Pharmacy (JSSCP), Mysuru organized an guest lecture on the topic “Pharmacy Education and Practice in</p>

	<p>United States’ on 16th February 2022 for the benefit of Pharm.D students. Dr. Marina Suzuki, Director, Office of Global Pharmacy Education and Research, School of Pharmacy, Pacific University, Oregon, United States of America delivered a guest lecture. The lecture was organized with the objective to enhance the students’ understanding on current scenario of pharmacy education and practice in United States (US).</p> 
<p>Dr. Sonal Shekar M</p>	<p>Department of Pharmacy Practice, JSS College of Pharmacy (JSSCP), Mysuru in association with Special Interest Group- Quality and Safe Use of Medicine, JSS AHER organized an e-guest lecture on the topic “Public Health Pharmacy Practice - An Evolving Role of Pharmacist” on 17th February 2022 for the benefit of Pharm.D and M. Pharm (Pharmacy Practice) students. Dr. Sonal Shekar M, Assistant Professor-Selection Grade, Department of Pharmacy Practice, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, Manipal and Alumni of JSSCP, JSS AHER, Mysuru was the speaker. The lecture was organized with the objective to orient students on the role of pharmacy professionals in the public health.</p> 
<p>Krishna Undela</p>	<p>Adverse Drug Reaction Monitoring Centre (AMC) & The Regional Training Centre for South Zone- PvPI, Department of Clinical Pharmacy, JSS Medical College & Hospital, Mysuru conducted a Guest lecture in association with Special Interest Group – ‘Quality & Safe Use of Medicine’ on the topic Signal Detection in Pharmacovigilance” for the benefit of Pharm.D, Postgraduate Pharmacy Practice students and Doctoral Research scholars on 18th February 2022 on hybrid mode. Dr. Krishna Undela,</p>

Assistant Professor, National Institute of Pharmaceutical Education and Research (NIPER), Guwahati, Assam was the speaker. The objective of this guest lecture was to provide an insight into the process of signal detection in pharmacovigilance and its significances in patient safety.

Dr. M. Ramesh, Coordinator, AMC-JSS Medical College & Hospital, Mysuru welcomed the speaker Dr. Krishna Undela and briefed the gathering on importance of signal detection in Pharmacovigilance. Later, Dr. Sri Harsha Chalasani, Deputy Coordinator introduced the speaker to the audience.

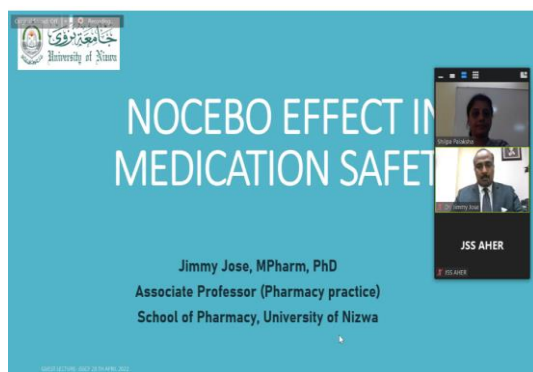


Department of Pharmacy Practice, JSS College of Pharmacy (JSSCP), Mysuru organized an Webinar on the topic “Real World Data” on 21st April 2022 for the benefit of Pharm.D and M. Pharm (Pharmacy Practice) students. The speakers of the webinar were Prof. K. Arnold Chan, Director, Department of Medical Research Director, Clinical Trial Center, Professor, National Taiwan University College of Medicine, National Taiwan University, Taiwan and Dr. Krishna Undela, Assistant Professor, Department of Pharmacy Practice, National Institute of Pharmaceutical Education and Research, Guwahati were the speakers. The webinar was organized with an objective to orient students on the need of Real World Data in daily clinical practice and research. Dr. M. Ramesh, Professor & Head, Dept. Pharmacy Practice, JSS College of Pharmacy, JSS AHER, Mysuru welcomed the speakers.



Prof. K. Arnold Chan & Dr. Krishna Undela

Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru (JSSCPM) in association with Alumni Association, JSSCPM, organized an e- Guest lecture on the topic “Nocebo Effect in Medication Safety” on 28th April 2022 for the benefit of Pharm.D and M. Pharm (Pharmacy Practice) students. Dr. Jimmy Jose, Associate. Professor, Dept. Pharmacy Practice, School of Pharmacy, University of Nizwana Sultanate of Oman, Oman and Alumni of JSSCP, JSS AHER, Mysuru was the speaker. The lecture was organized with the objective to orient students on the concept of Nocebo Effect.



Dr. Jimmy Jose

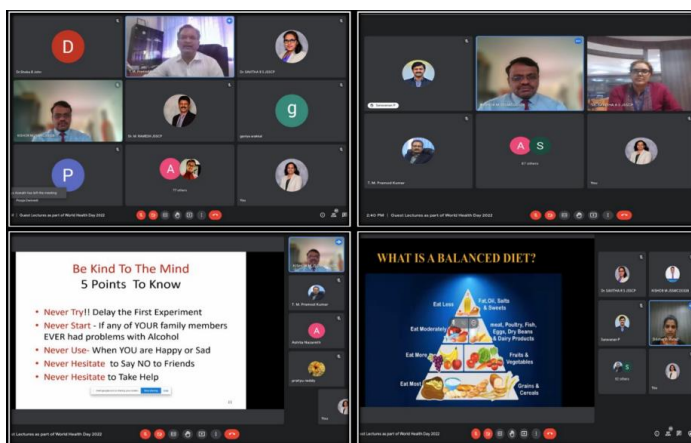
On the occasion of celebration of ‘World Health Day 2022’, the Department of Pharmacy Practice, JSS College of Pharmacy, Mysuru organized a virtual Guest Lectures on 7th April 2022. The theme for the World Health Day 2022 was ‘Our Planet, Our Health’.

Dr. M. Kishor, Associate Professor, Department of Psychiatry, JSS Medical College & Hospital, Mysuru delivered the first lecture on the topic ‘Be kind to the Mind’. Dr. Kishore began his talk with the effects of COVID-19 on the mental health of the general public. Later, he spoke about the war situation in certain part of the World and the kind of devastation that it can have on the people. Also, he touched upon smoking and alcohol abuse and its effects.



Dr. M. Kishor

The topic ‘Eat Health - Stay Wealthy’ that was delivered by Ms. Meghana K N, Dietician, Department of Nutrition & Dietetics, JSS Hospital, Mysuru. Ms. Meghana began her talk by emphasizing on the importance of diet in preserving a healthy body free from diseases. She spoke about the Food Pyramid and gave a brief overview of the different types of food, their sources and their benefits. Also she listed out the various foods that fall under low calorie, moderate calorie, and high calorie. Later, she touched upon ‘fad diets’ that are in vogue and their side effects and also mentioned that one type of diet may not suit everyone.



Ms. Meghana K N

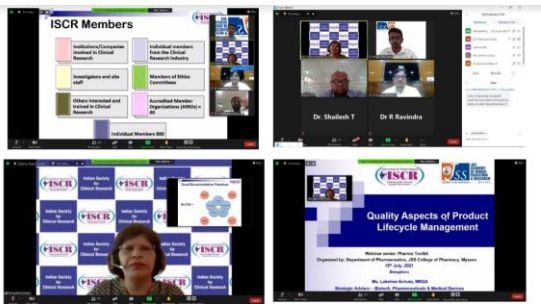
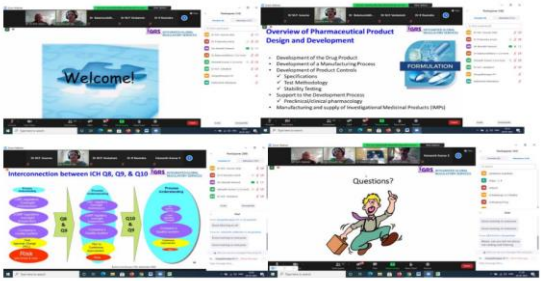
Dr. Radha Manian delivered a guest lecture on the topic ‘ Importance of Health Outcome – studies and its guiding principles’ at the seminar hall of the department of Pharmacy Practice for V PharmD students at 4.00 pm on July 19, 2022.

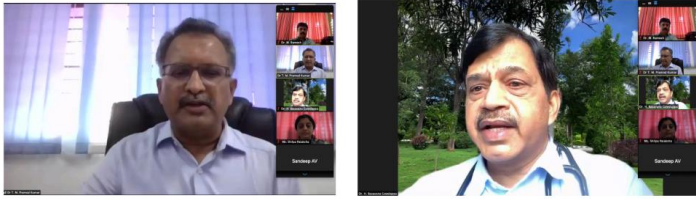
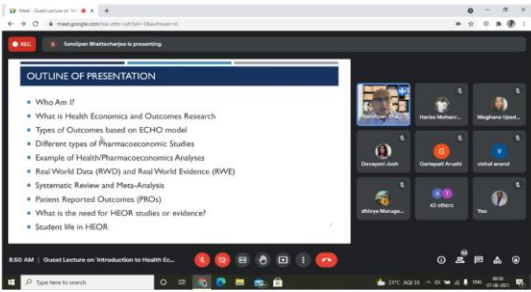



Dr. Radha Manian


Dr. Radha Manian during the guest lecture


CONFERENCES ORGANISED:


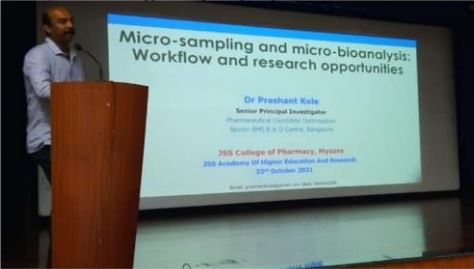
Date	Conference
15/07/2021	<p>Department of Pharmaceutics, Pharmaceutical Quality Assurance Branch, JSS College of Pharmacy, Mysuru, in association with Indian society for clinical research (ISCR) organized a webinar series on “Pharma Toolkit” Lecture Series 1: Quality Aspects of product lifecycle management on 15th June 2021 from 10:00 am to 11:30 am. The resource person of the webinar was Ms. Lakshmi Achuta, Strategic advisor for Biotech and Pharma and Advisory committee member of Indian Society for clinical research (ISCR- South Chapter). The Chief Patron of the Program was Dr B. Suresh, Pro-chancellor, Patron was Dr Surinder Singh, Vice-Chancellor, JSS AHER, Mysuru, Dr T.M. Pramod Kumar, Principal and Dean, Faculty of Pharmacy, and Dr. D.V. Gowda was the convener of the webinar.</p> 
20/07/2021	<p>Department of Pharmaceutics, Pharmaceutical Regulatory Affairs Program , JSS College of Pharmacy, Mysuru, in association with Indian society for clinical research (ISCR) organized a webinar series on “Pharma Toolkit” Lecture Series 2: Design and development of Pharmaceutical Product on 20th July 2021 from 10:00 am to 11:30 am. The resource person of the webinar was Ms. Bharathi Ramesh, Director-Integrated Global Regulatory Services and member of Indian Society for clinical research (ISCR- South Chapter).</p> 
31-07-2021	<p>‘Clinical Operations & Risk-Based Monitoring: Industry Perspectives’ : Department of Pharmacy Practice, JSS College of Pharmacy, JSS AHER, Mysuru organized an webinar on the topic ‘Clinical Operations & Risk-Based Monitoring: Industry Perspectives’ on 31st July 2021 between 10:00 AM and 01:00 PM.</p>

	 <p style="text-align: center;"><i>Dr. T M Pramod Kumar during his opening remarks</i> <i>Dr. H Basavana Gowdappa during his keynote address</i></p>
07/08/2021	<p>Department of Pharmacy Practice, JSS College of Pharmacy, JSS AHER, Mysuru organized an virtual guest lecture on the topic “Introduction to Health Economics and Outcomes Research” on 7th August 2021 for the benefit of PharmD and M. Pharm Pharmacy Practice students. Dr. Sandipan Bhattacharjee, Director, Outcomes Research Methods, Otsuka Pharmaceutical Companies, New Jersey, USA was the resource person. The lecture was organized with the objective to enlighten participants on the need and importance of Health Economics and Outcomes Research.</p>  <p style="text-align: center;"><i>Dr. Sandipan Bhattacharjee during his lecture</i></p>
14-08-2021	<p>The Department of Pharmacy Practice in association with Pharmacy Education Unit (PEU) of JSS College of Pharmacy, Mysuru organised a workshop on ‘Problem-Based Learning (PBL)’ on 14th August 2021 for the benefit of Faculty of JSS College of Pharmacy, Mysuru. The workshop was conducted after the inauguration of Pharmacy Education Unit of JSS College of Pharmacy, Mysuru.</p>  <p style="text-align: center;"><i>During the Inauguration</i></p>
17-08-2021	<p>‘Awareness & Sensitisation on Adverse Drug Reaction Reporting & Monitoring’:</p> <p>The Regional Training Centre for South Zone- PvPI, Department of Clinical Pharmacy, JSS</p>

	<p>Medical College & Hospital, Mysuru conducted an awareness session on ‘Adverse Drug Reaction Reporting & Monitoring’ to all the Heads of the Clinical Departments, JSS Hospital, Mysuru on 17th August 2021 at Sri Rajendra Centenary Auditorium, JSS Hospital, Mysuru.</p>  <p style="text-align: center;"><i>During the awareness & sensitization session</i></p>
<p>05-08-2021 to 06-08-2021</p>	<p>Training on Pharmacovigilance Activities Conducted for the Postgraduate Students of Department of Pharmacology, JSS College of Pharmacy, Mysuru</p> <p>The Regional Training Center for South Zone- PvPI, Department of Clinical Pharmacy, JSS Medical College & Hospital, Mysuru conducted a two-days Training Program for Postgraduate students of Department of Pharmacology, JSS College of Pharmacy, Mysuru on “Pharmacovigilance Activities” at AMC Centre, JSS Hospital, Mysuru on 5th & 6th August 2021. The training was organized with the objective to enlighten students on importance of reporting of adverse drug reaction, Medication Incidents, Adverse Events Following Immunization, Materiovigilance and Hemovigilance.</p>  <p style="text-align: center;"><i>During the training session</i></p>
<p>13-09-2021 To 15-09-2021</p>	<p>❖ SESSION I By- DR. PRASANT V, Director Research (I/C), JSS AHER, Mysuru (10.30 AM – 11.15 AM)</p> 

	Nuances of research ecosystem to post graduate pharmacy students.
23-09-2021	<p>‘Patient Safety’</p> <p>As a part of celebration of ‘National Pharmacovigilance Week 2021’, The Regional Training Centre for South Zone – PvPI located at Department of Clinical Pharmacy, JSS Hospital, Mysuru in association with National Coordination Centre, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad AND Special Interest Group (SIG) – Quality & Safe Use of Medicine organised a webinar on ‘Patient Safety’ with the theme ‘Pharmacovigilance: A Step Towards Patient Safety’ on 23rd September 2021 for the benefit of practising healthcare professionals, health professions faculty and students from various institutions located across the nation.</p> 
19/09/2021	<p>"Pharmacovigilance: A Step Towards Patient Safety"</p> <p>As a part of celebration of ‘National Pharmacovigilance Week 2021’, The Regional Training Centre for South Zone – PvPI located at Department of Clinical Pharmacy, JSS Hospital, Mysuru in association with National Coordination Centre, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad organised a ‘Quiz Competition’ on the theme “Pharmacovigilance: A Step Towards Patient Safety” on 19th September 2021. The registration for the quiz competition was kept open for all the practicing healthcare professionals, health professions faculty and students across the nation and the link was open from 3 – 16 September 2021. A total of 97 participants were registered for the quiz competition.</p>
18th September 2021	<p>As a part of celebration of ‘National Pharmacovigilance Week 2021’, The Regional Training Centre for South Zone – PvPI located at Department of Clinical Pharmacy, JSS Hospital, Mysuru in association with National Coordination Centre, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad organised a ‘Essay Competition’ on the themes “Pharmacovigilance in Patient: Challenges and</p>

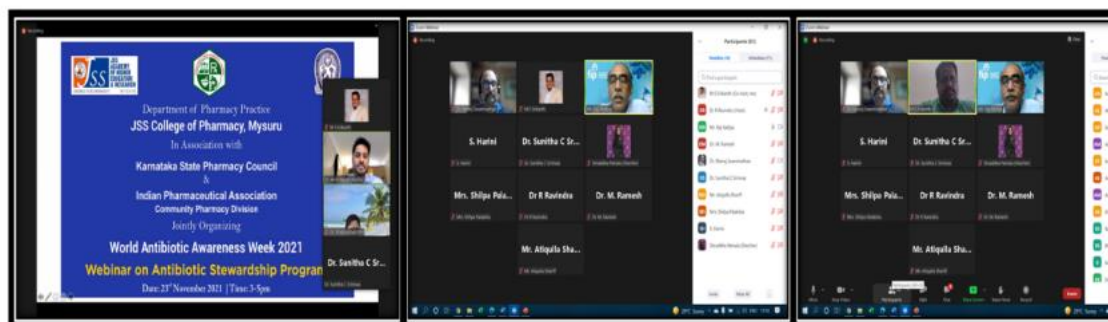
	Perspectives” and “Social Media: A Tool for Spreading Awareness on Pharmacovigilance” on 18th September 2021.
20-09-2021	As a part of celebration of ‘National Pharmacovigilance Week 2021’, The Regional Training Centre for South Zone – PvPI located at Department of Clinical Pharmacy, JSS Hospital, Mysuru in association with National Coordination Centre, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad organised a ‘e-Poster and Animation / Video- Making Competition’ on the themes “Medication Errors: Detection & Prevention” and “Importance of Pharmacovigilance in Indian Population” on 20th September 2021.
21-09-2021	As a part of celebration of ‘National Pharmacovigilance Week 2021’, The Regional Training Centre for South Zone – PvPI located at Department of Clinical Pharmacy, JSS Hospital, Mysuru in association with National Coordination Centre, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad organised a ‘Elocution Competition’ on the themes “Pharmacovigilance: A Step Towards Patient Safety” on 21st September 2021.
22-09-2021	As a part of celebration of ‘ National Pharmacovigilance Week 2021 ’, The Regional Training Centre for South Zone – PvPI located at Department of Clinical Pharmacy, JSS Hospital, Mysuru in association with National Coordination Centre, Pharmacovigilance Program of India (PvPI), Indian Pharmacopeia Commission, Ghaziabad AND Special Interest Group (SIG) – Quality & Safe Use of Medicine conducted an Sensitisation & Awareness Program on ‘Importance of Reporting of Adverse Drug Reaction’ on 22nd September 2021 for the benefit of Nursing In- charges & Nursing Supervisors of JSS Hospital, Mysuru.  <i>Dr Prantiba Pereira addressing the participants</i>
23-10-2021	Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Mysore has arranged “ Hands-on training on LC-MS/MS ” for II M Pharm students on 23rd October 2021. The training was begun with a presentation by Dr. Prashant Kole, Senior Principal Investigator, Biocon Bristol– Myers Squibb R & D Center, Bangalore. The hands-on training was organized for M Pharm

	<p>Pharm Chemistry and Pharm Analysis students. The session was coordinated by Mr. Abhijit Rao, Senior scientist, Biocon Bristol – Myers Squibb R & D Center, Bangalore. Mr. Rao explained and trained the students regarding preparation of the sample, operation of LCMS/MS software (analyst), and handling of the instrument. The sample Azithromycin was selected, the respective Q1 and Q3 products were shown to all participants during the training session.</p>  <p>Dr Prashanth Kole, Mr Abhijit Rao with LC-MS/MS during the training session.</p>
23-10-2021	<p>Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Mysore has arranged guest lecture by Dr. Prashant Kole, Senior Principal Investigator, Biocon Bristol – Myers Squibb R & D Center, Bangalore. He addressed the M Pharm students with a talk on “Micro sampling and Micro bio-analysis: Workflow and research opportunities”. The presentation was well accepted by students regarding the preparation of the sample before the commencement of any DMPK studies. He explained the technique of how to analyze blood samples using the method of Dried Blood Spots (DBS).</p>  <p>The Prashanth Kole, Senior Principal Investigator, Biocon Bristol – Myers Squibb R & D Center, Bangalore addressed the students.</p>
17-11-2021	<p>Pharmaceutical Regulatory Affairs Program, Department of Pharmaceutics conducted a workshop on eCTD Training for Sri Adichunchanagiri College of Pharmacy on 17th November 2021. The event began with opening remarks by Dr. T. M. Pramod Kumar, Principal & Dean, Faculty of Pharmacy, JSS CPM, JSSAHER. In his opening remarks shared his experience about how the genesis of regulatory department in JSS Began and where we have reached today. Dr. M.P. Venkatesh, Associate Professor, Dept. of Pharmaceutics, presented the overview of the workshop regarding the CT , fundamentals of eCTD, benefits, electronic global submissions formats etc.</p>



23-11-2021

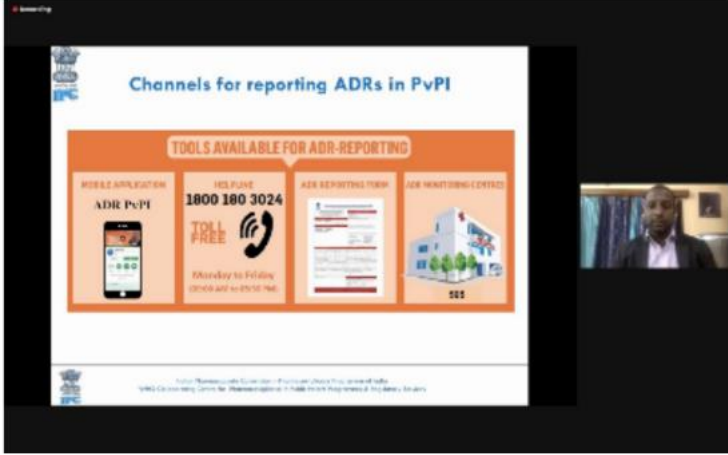

In view of World Antimicrobial Awareness Week-2021, Dept. of Pharmacy Practice, JSS College of Pharmacy, Mysuru, in association with Karnataka State Pharmacy Council and Indian Pharmaceutical Association- Community Pharmacy Division organized a webinar on ‘Antibiotic Stewardship Program’ on 23rd November 2021. Speakers from regional, national & international platform delivered lectures on various topics related to antibiotic stewardship programs around the globe.



18/12/2021

“Essentials of Pharmacovigilance: Basics to Advanced”

The Regional Training Centres of JSS Medical College & Hospital, Mysuru AND Amrita Institute of Medical Sciences, Kochi under the aegis of Pharmacovigilance Programme of India (PvPI), Indian Pharmacopoeia Commission, Ghaziabad jointly organised a half-day webinar on ‘Essentials of Pharmacovigilance: Basics to Advanced’ on 18th December 2021.

	
<p>14&15/05/2022</p>	<p>7th National Symposium cum workshop on “Experimental Research and Alternates (NSWERA) 2022” was hosted by JSS Academy of Higher Education & Research, Mysuru in association with Indian Pharmacological Society, India from 14th to 15th May 2022. The theme of the symposium was “Experimental Research and Alternate Animal Models and Good Clinical Practice (GCP)” and the symposium was held on hybrid mode</p>
<p>11/07/2022 to 15/07/2022</p>	<p>The Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Mysuru organized five days training program on “Hands on Training on Sophisticated Instruments” from 11th to 15th July 2022. The program was inaugurated by Dr. B Manjunatha, Registrar, JSS Academy of Higher Education & Research, Mysuru on 11th July 2022 at 10:30 AM in Seminar hall.</p> 
<p>20/05/2022</p>	<p>The inaugural function of one day “National Conference on Recent Advancement and Challenges in Analytical Chemistry” was organized by the Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Mysuru on 20th May 2022 at 10:15 AM at Sri Rajendra Auditorium. The program was inaugurated by Dr. B Manjunatha, Registrar, JSS Academy of Higher Education & Research, Mysuru.</p>



16-08-2022

Department of Pharmaceutical Chemistry, JSS College of Pharmacy, SS Nagara, Mysuru, a constituent college of JSS Academy of Higher Education & Research, Mysuru, is organizing five days training program on “**Drug Design, Synthesis and Spectral Analysis**”. This training is for the faculty and research associates working in pharmacy, medical and science colleges across the country. In this training program 19 participants are trained on computer aided drug design, synthesis and spectral analysis techniques.



All trainees of the training program along with guests and faculty

In order to support mental well-being of staffs, JSSCPO organized a session on “stress management” by Dr.M.Kishore, Associate professor, Dept of Psychiatry, JSS Medical College, Mysore on 13/08/2022.



Programmes and activities organized aligning to this goal

The Division of Medical Statistics, School of life Sciences, JSS Academy of Higher Education & Research had organized a Webinar on "**Advanced Statistical Tools to Analyse Infectious Disease Data**", on the occasion of “National Statistics Day”, on 29th June 2021, from 11 - 12 pm. It is celebrated every year on the birth anniversary of Prof. P C Mahalanobis, on 29th June, in recognition of his invaluable contribution in establishing the National Statistical System.

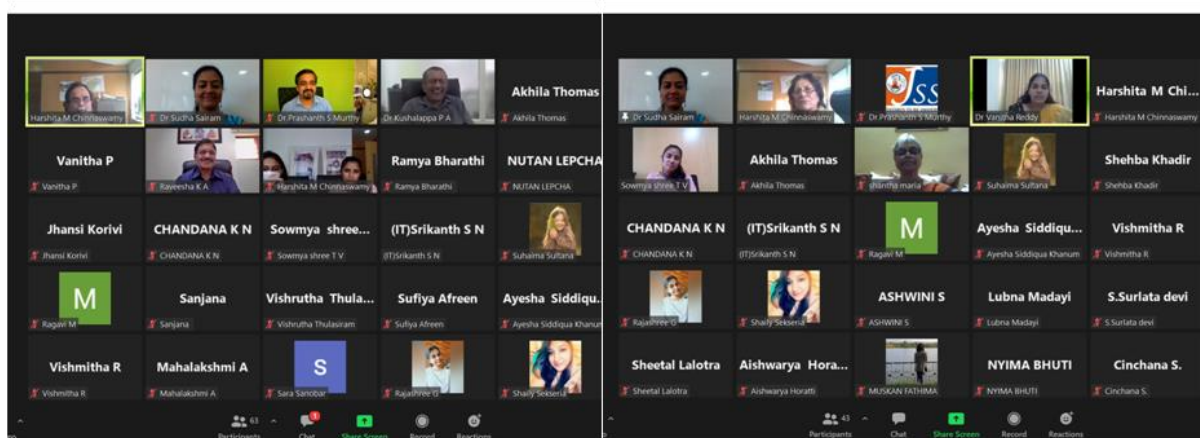
Webinar on "Advanced Statistical Tools to Analyse Infectious Disease Data"



The opening remarks was given by Dr. K.A Raveesha, HOD, School of Life Sciences, JSSAHER, stressed on the importance of statistics in research. Prof. Panchaksharappa gowda, JSS Pharmacy College, gave

a biography of P.C Mahalanobis. Mrs. Stavelin AK, Division of Medical Statistics, FLS did the welcoming address. Dr. Chaithra N, Assistant Professor, FLS, was the Organizing secretary for this webinar and delivered the vote of thanks and concluded the event.

The resource person Dr. Suresh K. P is an enthusiastic Biostatistician and scientist, presently working as Principal Scientist at ICAR- National Institute of Veterinary Epidemiology & Disease Informatics, Bangalore. He spoke on the topic Advanced Statistical Tools to Analyse Infectious Disease Data. He highlighted the role of Statistics in everyday life and sensitize public on how Statistics helps shaping and framing policies for the health and welfare of people. The webinar was helpful in providing an ideal platform and opportunity for Academicians, Research Scholars working on Statistical Modelling in healthcare.



A 3-day Capacity Building Program on “Health and Nutrition during COVID-19 & Post COVID-19”, As a part of an awareness program, the Division of Medical Physics conducted an essay competition on Cancer & Life. The program was conducted on behalf of the occasion of 106th Jayanthi Celebration of His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji.

JSS ACADEMY OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY) MYSURU

On the Occasion of 106th Jayanthi Celebration of His Holiness
"Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji"
Division of Medical Physics, Lifesciences departments, JSS AHER
Organizes
Essay Competition On...
Cancer & Life...
ಕುಸುರ & ಜೀವನ...

*Special Prize for Kannada Essay
All the participants will be issued e-Certificates & winners will be awarded with cash prize

GUIDELINES
1. Not more than three pages in A4 size
2. Please submit your essay in PDF format only to drsbkaginelli@jssuni.edu.in

CONTACT
Dr. Shanmukhappa B K
9902244859
Ms. Khamsa Fathima
8904087365

Submit on or before
28th September 2021

Accreditation logos: NAAC A+, NIRF 34th (University Category), ASIAN UNIVERSITY RANKINGS 291-300 (31st in INDIA), THE ASSOCIATION OF AMERICAN UNIVERSITIES 2022 351-400 (2nd in INDIA), 93 (1st in INDIA), ARIA 2020 Band A (Rank Band 6 to 25)

An essay competition on Cancer & Life

As a part of World Mental Health Day, on 11th October 2021, the **Division of Cognitive Neuroscience and Psychology**, JSS Academy of Higher Education & Research (JSS AHER), Mysuru – 570015, Karnataka, conducted a live interactive webinar on the topic Covid 19 and Mental Health.

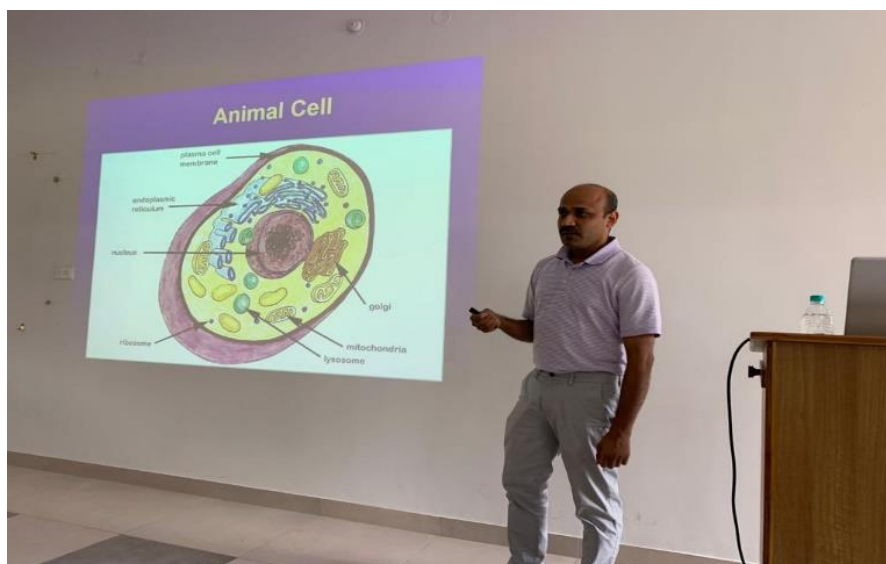
The image is a screenshot of a webinar interface. It is divided into several sections:

- Top Left:** A promotional slide for the webinar. It features the JSS Academy of Higher Education & Research logo, the text "JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH", "FACULTY OF LIFE SCIENCE", "Division of Cognitive Neuroscience and Psychology", and "Organizes Live Webinar on Google Meet". The topic is "COVID-19 AND MENTAL HEALTH". It lists the date as "11 OCTOBER 2021" and the time as "11:00am to 12:30pm". A key speaker, Ms. Aparna Sreevalsan, is mentioned with her credentials: "MSc Applied Psychology" and "MSc Clinical Psychology (UoP Plymouth)". A registration link is provided: "Click here to Register: <https://forms.gle/3YXaRuz764E6>". Accreditation logos for NAAC (A+), NIRF (34th), THE (291-300), and UGC (351-400) are also visible.
- Top Right:** A video feed of Dr. Raveesha KA, the Head of the Department, School of Life Sciences, Mysuru, JSS AHER.
- Bottom Left:** A slide titled "Mental health" with a definition: "According to WHO, mental health can be defined as, 'a state of well-being in which an individual realizes his or her own abilities, can cope with the normal stresses of life, can work productively and is able to make a contribution to his or her community.'"
- Bottom Right:** A video feed of Dr. Aparna Sreevalsan, Clinical Psychologist, University of Plymouth, UK.

A live interactive webinar on the topic Covid 19 and Mental Health.

The workshop was inaugurated by Dr. Raveesha, Head of the Department, School of Life Sciences, Mysuru, JSS AHER. The invited speaker for the webinar was Dr. Aparna Sreevalsan, Clinical Psychologist, University of Plymouth, UK. The invited lecture stressed the importance of mental health and wellbeing especially in the pandemic. Moreover, created an awareness on stress management, coping behaviour and the role of Psychology in general health and chronic health problems. The session was rich with a total of 150 members including students and faculties from School of Life Sciences.

Division of Biochemistry had organised a Special Talk on "Mitochondrial retrograde signalling by Cytochrome Oxidase dysfunction"







The speaker explained the effects of loss of nuclear subunits leading to reduced Cytochrome oxidase activity on tumor. Nuclear subunits IVi1 and Vb of CcO are susceptible to various stress conditions like exposure to long term hypoxia, ischemia-reperfusion and treatment with ethanol resulting in selective degradation and loss of activity. The session was useful for students and faculty pursuing studies and research on mitochondria and its association with human diseases.




Orientation program was conducted to the UG, PG and PhD scholars. Information on the redressal procedure regarding the sexual harassment and gender sensitization, how the students can approach the committee were clearly explained. Additional information about punishments and penalties if the complaint was false was also explained. The students actively participated in the interaction and cleared all their doubts.










Mrs. Taruna Maveer is a clinical psychologist working in the division of psychology. She assists and counsels the students and staff when in need.




GUEST LECTURERS DELIVERED BY FACULTY

 <p>Dr.H.Basavanagowdappa Principal,</p>	<ul style="list-style-type: none"> • Speaker at KAPICON 2020-21 38th Annual Conference of the API Karnataka Chapter on Organized by API Udupi - Manipal Chapter and Department of Medicine, KMC Manipal, MAHE on topic “Carcaduab Ebdicrubikigt” held on 18th and 19th September 2021 • Guest lecture at 17th Annual Conference KRSSDI – 2021 on Topic: “Glipitns in the management of T2DM with Cardio-Renal complications” on 9.10.2021
 <p>Dr. Y.S.Ravikumar Professor and Head, General Medicine</p>	<ul style="list-style-type: none"> • Guest lecture on “100 years of Insulin – An Epic saga Speaker Topic: Making insulins more patient friendly – A review of scientific advancements in Insulin delivery” on 17.07.2021 • Guest lecture at Dew Device Experience Workshop on Topic: Innovation in Insulin delivery: A patient-friendly approach on 4.07.2021 • Guest lecture at “Insulin Symposium” on the eve of World Diabetes day on topic: Early Initiation of Insulin in clinical Practice held on 11.11.2021
 <p>Dr.M.Bhanukumar Professor, Dept of General Medicine</p>	<ul style="list-style-type: none"> • Guest lecture at CME on Telmisartan Role in ‘ The Art of Protection’ on 4.07.2021 • Guest lecture series at Dew Device Experience Workshop on Topics: <ul style="list-style-type: none"> ○ Timely Insulin Initiation: Why is it important? ○ Seamiless Transition in Diabetes Management with Innovation In Insulin Therapy ○ Understanding Insulin Devices: Demo • Speaker at Remolution CME discussing relevant clinical studies in India T2DM Patients on Speaker: Topic: ILnspire Study Emerging Indian Real World Evidence on Remogliflozin on 7.08.2021
 <p>DR. SUMA K B</p>	<ul style="list-style-type: none"> • Panel member in Panel discussion on Basics to Reality organised by KSOGA – Safe Motherhood Committee held on 19.08.2021 • Guest lecture at “SUSTHIRA” webinar on Diagnosis and Management of ASRUGDARA • Case discussion on UV prolapse conducted by BSOG Annual conference of BSOG PG teaching programme on 1st to 5th September 2021

<p>Professor and Head, Dept of OBG</p>	<ul style="list-style-type: none"> • Guest lecture on “The need of OGCT in ANC profile for the lab technicians by Safe mother wood committee with KSOGA” on 10.03.2022 • Moderator at GURUKUL PG Taching Programme Case discussion Topic: AUB on 23.04.2022 • Resource person at SHUSHTI-2022 Conclave- Focus Group Discussion On Integrated Approach to Infertility at JSS Ayurveda Medical College & Hospital on 02.06.2022
 <p>Dr. Prathap T Associate Prof, Dept of OBG</p>	<ul style="list-style-type: none"> • Resourse person at Laparoscopic workshop on 26.08.2021 • Challenges –Gynecological laparoscopy Live work shop CME (complications of operative laparoscopy informative session) on 12.03.2022 at Kodagu • Guest Lecture on HYSTERECTOMY on 01.06.2021 organised by JSS Ayurveda college
 <p>Dr. Jayashree S Associate Prof, Dept of OBG</p>	<ul style="list-style-type: none"> • Guest lecture at WebEx conference on the topic of “BACTERIAL VAGINOSIS” on 23.10.2021 • Guest lecture on “Preterm Labour: Current treatment guidelines tips & tricks of IUI” on 26.11.2021 • Panelist at Panel discussion in infertility on 04.06.2022 • Participated in Radio Live Phone in programme in Akashavani Mysuru on Menopause on 06.06.2022
 <p>Dr. Virupaksh Ajjammanavar Associate Prof, Dept of OBG</p>	<ul style="list-style-type: none"> • Guest lecture on TLH with ultrasonic energy video presentation 26.11.2021 • Presented LIVE SURGICAL RELAY-Laparoscopic Tubal Recanalisation

 <p>Dr. Madhuri .N. Asst. Prof, Dept of OBG</p>	<ul style="list-style-type: none"> • Guest lecture at Workshop on fetal monitoring 08.12.2021 organized by JSS College of Nursing, Mysuru • Panelist at Panel discussion in infertility on 04.06.2022
 <p>Dr B.Vijaya Professor and Head, Dept of Pathology</p>	<ul style="list-style-type: none"> • Guest lecture at CPC , MPMRT on 09.04.2022 • Guest lecture on “Surgical Jamborie” at IMA Branch Sirsi on 28.5.2022
 <p>Dr Pallavi Associate Prof, Dept of Pathology</p>	<ul style="list-style-type: none"> • Guest lecture online on zoom platform on topic “Importance of voluntary blood donation”organised by university of mysuru on 14.6.2021 • Guest lecture on “Haemovigilance and patient safety Case Illustrations on Adverse transfusion reactions” at IMA, KARNATAKA BRANCH, WOMEN DOCTORS WING on 18.01.2022
 <p>Dr.Sujatha S R, Senior Resident, Dept of Microbiology</p>	<ul style="list-style-type: none"> • Guest lecture on “Bio-medical waste management” at JSS nursing college on 26.04.22 • Guest lecture on “Diarrheal diseases and Cholera” on 15.03.2022 organised by University of Florida
	<ul style="list-style-type: none"> • Guest Lecture on Comprehensive Management of Mucormycosis & Beyond – Management of Post COVID Patients in Dentistry • Dr. Mamatha S , Organized the programme as a member of SIG, Management of Medical Problems and Medical Emergencies in Dentistry • Expert panelist on Contraception Plus Expert Group Meeting on 18.12.2021





<p>Dr. Mamatha S, Professor, Dept of OBG</p>	
 <p>Dr. Bharathi M.B, Professor, Dept of ENT</p>	<ul style="list-style-type: none"> • Resource person at 4th ENT rain live surgical workshop exclusively designed for the ENT surgeons by renowned faculties across the country on 14th Aug 21. • Guest lecture at AOI Nationwide walkathon Talk : Don't be deaf for the deaf on 26.9.2021 • Guest lecture at Dr Abirlal Mukherjee Memorial Oration on 26th September 2021. • Talk at JSS Radio station 91.2 on the occasion of international week for the deaf 25.09.2021 • Guest lecture on 3rd international conference on noise & Health on 11.12.2021 & 12.12.2021 • Oration on "An overall view of parotid tumours" at 49th Annual Conference organized by the association of Otolaryngologist of India on 28.03.2022 • Guest lecture on "Prevention and treatment of Deafness- The Indian Perspective and the Role of AOI" at The Association of Otolaryngologist of India Basics to advanced certificate series part -02 The world Hearing Day on 06.03.2022 • Guest lecture on "endoscopic Sinus surgery with Hands -on cadaver dissection course" at Manipal Academy of Higher Education - Kasturba Medical College, Manipal on 19.03.2022 • Invited speaker at 12th SAARC ENT Congress organized by Society of Otolaryngologists of Nepal, Kathmandu, Nepal from 25.05.2022 – 30.05.2022
 <p>Dr. Gurudatt C L, Prof and Head, Dept of Anaesthesiology</p>	<ul style="list-style-type: none"> • Guest lecture on Anaesthesia Breathing Circuits on 17/07/21 • TURP long case discussion on 18/7/21 • Short case discussion on 8 yr child for TAR on 19/7/21 • Guest lecture on Ischemic heart disease on 14th & 15th August 2021 • Guest lecture on ISA webinar, ECG Monitoring on 4.08.2021 • Focused Theme on Exam Prep Series 2021- COPD & Anaesthesia case discussion on 18/09/2021 • Guest lecture on Anaesthesiology Education & workforce training held on 9/10/21 • Guest lecture on Labour analgesia on 9/10/21 • Guest lecture on PFT- Clinical Relevance in everyday Anaesthetic practice from 16.10.21 to 17.10.21 • Guest lecture at CME- Paediatric Anaesthesia Update on 21.11.2021 organised by DM WIMS

	<ul style="list-style-type: none"> • Guest lecture on Local anaesthetic systemic toxicity 25.11.2021 • Guest lecture on Preferred anesthesia Regional (vs GA) for Pre-eclamsia patient for LSCS 12.12.2021 • Lecture series at PG Excel 2022 on 12th and 13th February 2022 • Guest lecture on “Inhaled Anaesthesia Delivery Systems” on 19.03.2022 and 20.03.2022 at Rajarajeshwari Medical College, Bangalore • Guest lecture at webinar on Anesthesia machine to workstation on 15.06.2022
 <p>Dr. Anil Kumar M R, Asso. Prof, Dept of Anaesthesiology</p>	<ul style="list-style-type: none"> • Guest lecture on “Unlock Covid 19” held on 02.08.2021 • Guest lecture on “Covid 19 Affected Parturients” held on 10.08.2021 • Guest lecture on “BCLS instructor certificate course accordance with CPR guidelines” on 19.09.21 • Guest lecture at 35th Annual Karnataka state conference of ISA on 9.10.21 • Guest lecture on “Palliative care multifactor approach” • Guest lecture on “Update on ICP monitoring” on 20.10.21 • Guest lecture on “Kidney – Save & support” on 27.10.2022
 <p>Dr. Archana K N, Prof, Dept of Anaesthesiology</p>	<ul style="list-style-type: none"> • Resource faculty for “Asclepius- 2021” from 28th -30th 82ctober 2021 • Guest lecture at PG Excel 2022- obese patient coming for laparoscopic cholecystectomy on 12.02.2022 and 13.02.2022
 <p>Dr. Anup N R, Asst Prof, Dept of Anaesthesiology</p>	<ul style="list-style-type: none"> • Guest lecture on “BCLS instructor certificate course accordance with CPR guidelines” on 19/09/21 • Guest lecture at webinar on “ phrenic nerve sparing superior trunk block” on 15.06.2022

	<p>Dr. Manjula B P, Prof, Dept of Anaesthesiology</p>	<ul style="list-style-type: none"> • Guest lecture at 17th World Congress of Anaesthesiologists from 01.09.2021-05.09.2021 • Guest lecture on “Lung protective ventilation during anaesthesia- Is it necessary?” on 9.10.21
	<p>Dr. Pratibha Matche, Asso. Prof, Dept of Anaesthesiology</p>	<ul style="list-style-type: none"> • Guest lecture in CME on Cervical Pain on 01.10.2021 • Guest lecture in CME on Orofacial Pain on 5.10.2021 • USG hands on chronic pain workshop on 9.10.21 • Guest lecture on Management of CRPS from 08.10.21 & 9.10.21 • Guest lecture at CME on Palliative care- Moderator for panel discussion on 25.05.2022 • Guest lecture on “USG Musculoskeletal application on knee and shoulder” on 22.05.2022 at Alleviate hospital, Bangalore • Guest lecture on “Fluoroscopy guided sphenopalatine ganglion block” on 05.06.2022
	<p>Dr. Srinivas H T, Asso. Prof, Dept of Anaesthesiology</p>	<ul style="list-style-type: none"> • Guest lecture at 17th World Congress of Anaesthesiologists from 01.09.2021-05.09.2021 • Guest lecture at KISACON- 2021 from 7th to 10th October 2021
	<p>Dr. Narayanappa D, Professor, Dept of Pediatrics</p>	<ul style="list-style-type: none"> • Guest lecture in Maha pedicon Maharashtra On 12.06.2021 • Guest lecture in National ID Conference on 20.06.2021 • Guest lecture on “Rational antibiotic therapy” at State Infectious Disease Conference on 25.06.2022



 <p>Dr. Prashanth S.N, Professor, Dept of Pediatrics</p>	<ul style="list-style-type: none"> • Guest lecture on Covid-19 in Children on 08.06.2021 • Guest lecture on awareness initiative on cognitive health and Behaviour in children during this pandemic on 12.06.2021 • Respiratory System Examination-Weekly post graduate E-Teaching Program- IAP Uttarpradesh on 08.04.2022 • Guest lecture on “Vaccine preventing pneumonia” on 25.06.2022
 <p>Dr T.S Sathyanarayana Rao, Professor, Dept of Psychiatry</p>	<ul style="list-style-type: none"> • Guest speaker in Sumana Surathi Telecasted in Swarna.T.V Mandya Live Program from 05.01.2021 & 08.06.2021 • Guest speaker on topic Pre & Post Era of PDE 5 Inhibitors in Sexual Medicine Practice on 04.03.2022 • Guest lecture on UG teaching in Psychiatry- Importance of teaching sexuality and management of sexual disorders from 24 to 26.03.2022 at 73rd Annual National Conference of Indian Psychiatric Society (ANCIPS 2022) • Guest lecture on Gender Dysphoria: Diagnosis and management in clinical practice on 27.03.2022 at National Conference of Sexology Goa • Guest lecture on “Medical Management of Psychosexual Disorder” on 10.04.2022 at JJM Medical College,Davangere • Guest lecture on “Understanding Management of Common Sexual Problems” on 03.05.2022 at IMA College of General Practitioners Kanpur 39th Annual Refresh Course
 <p>Dr Kishore M, Asso. Professor, Dept of Psychiatry</p>	<ul style="list-style-type: none"> • Guest lecture on Understanding Disaster and the Psychological Impact organised by JSSAHER, Sambav Health Professionals as Mental Health Facilitators Interactive Online Symposia for Augmenting Mental Health Services on 11th & 12th June 2021 • Resource person at National CME on Psychiatry Education and faculty training on 15th January 2022 Speakers:- Creating Self - Sustaining Initiatives for Psychiatry Faculty Enrichment • Resource person at National Conference ANCIPS -2022 on 25th March 2022 Speaker;- Reflections of Psychiatry Teachers in India; Sunday Special 60Minutes Experience • Guest lecture at The Steps Program Curriculum on topic Why is Next important for Psychiatry Teachers on 26.03.2022 • Guest lecture on topic Pervasive Development Disorder On 28.04.2022 • Guest Lecture on Be kind to the Mind held on 7th April 2022 on the occasion of ‘WORLD HEALTH DAY’ Organized by Department





	<p>of Pharmacy Practice, JSS College of Pharmacy, JSS AHER, Mysuru</p> <ul style="list-style-type: none"> • Radio talk World Family Day on 15.05.2022, At JSS Radio 91.2FM • JSS Mahavidya Peeta , JSS Radio 91.2 FM , Community Banuli Center.SSLC Exam Results and children state of mind on 18.05.2022
 <p>Dr. Manjappa M, Asso. Prof, Dept of Cardiology</p>	<ul style="list-style-type: none"> • Guest lecture on Break the Chain of Rehospitalization: Iron Deficiency in ADHF on 12-06-2021 • Guest lecture on LSD in LMCA PCI on 13-06-2021 • Guest lecture on Revolution in Indian Type 2 DM Management on 13.07.2021 • Guest lecture on Choosing the correct dose of NOAC for the right patient on 14.07.2021 • Guest lecture ASCVD – Bearing the brunt of LDL-C on 27-07-2021 • Guest lecture on LSD in LMCA PCI on 13-06-2021 • Guest lecture on Cilostazol – PAD & Diabetic Foot Infections on 31-07-2021 • Guest lecture on Implications of ESC HF Guidelines on HF Management on 04-08-2021 • Guest lecture Predicting Heart Failure, Hospitalization, And Death Using Machine Learning and Multivariate Data Analysis in Healthy and Heart Failure Patients on 20-08-2021 • Guest lecture at webinar on TITRE Concept & Its Relevance on 28-08-2021 • Guest lecture on Cardiovascular Involvement in COVID-19 : Key manifestations and Involvement Hypothesis on 02.09.2021 • Guest lecture on Importance of Reversal agents while selecting NOAC on 18.09.2021 • Guest lecture on Prevention of Hospitalization in HfrEF patients with DM on 30.09.2021 • Guest lecture on Effects of Yoga and Meditation on the outcomes of patients with heart failure and reduced ejection fraction concerning the progression of the disease, recurring hospitalization, and quality of life: An interventional study on 12.12.2021


	<p>Dr. Pushpalatha .K, Prof and Head, Dept of Anatomy</p>	<ul style="list-style-type: none"> • Guest lecture on “Selection of topic” organized by student research cell, JSSMC , Mysuru from 7th to 9th Feb 2022 • Guest lecture in International Webinar on Changing trends in Anatomy education in COVID Era on 18.08.2021 • Guest lecture on Teaching generation next- Online organised at RV Dental College, Bangalore on 20.04.2022
	<p>Dr Deepa Bhat, Asso Prof, Dept of Anatomy</p>	<ul style="list-style-type: none"> • Guest lecture on ABC of research for UG Medical Students” organized by GCMER on 26th July 2021 • Guest lecture on “Literature Search” organized by student research cell, JSSMC , Mysuru from 7th to 9th Feb 2022 • Guest lecture on “Context of genetic counselor in current day clinical diagnosis” at YMC, Mangalore on 16.02.2022 • Panelist for Rare Diseases in Public Health. Session II: Strengthening Rare Disease Registry in India conducted by DST-CPR-IISc and Ashoka University on 20.02.2022 • Resource person for KANA-JAAL _2022 “ Role of Genetic Counseling in Blood Disorders”at Rashthrothana Blood Bank, Bangalore • Guest lecture on Teaching generation next- Online organised at RV Dental College, Bangalore on 20.04.2022
	<p>Dr. Shivaprakash.S. Asst. Prof, Dept of Anatomy</p>	<ul style="list-style-type: none"> • Guest lecture on Addressing Ethical Concerns in Research on 15.12.2021 and 22.12.2021 • Guest lecture on Anatomy of Lumbar Plexus on Virtual Conference organized by Pune regional Anaesthesia course, Sancheti hospital, Pune on 21.08.2021 • Guest lecture on Ethical Concerns in Research and ways to address them organized by Student research cell, JSSMC, Mysuru on 9.2.2022
	<p>Dr. Vidya.C.S. Prof, Dept of Anatomy</p>	<ul style="list-style-type: none"> • Guest lecture on Overview of gross anatomy and embryology of pancreas organised by Raja Rajeshwari Medical College, Bangalore on 7.09.2021 • Guest lecture on NIRF – An Insight organised at AIMS BG nagar on 13.01.2022 • Guest lecture on Awareness on ICC for I MBBS students on 21.02.2022

	<ul style="list-style-type: none"> • Guest lecture on Teaching generation next- Online organised at RV Dental College, Bangalore on 20.04.2022
 <p>Dr. Vijaya Vageesh Y, Asso. Prof, Dept of Physiology</p>	<ul style="list-style-type: none"> • Guest lecture on “Clinical Implication of HRV” in the national level webinar “HRV in Clinical Practise” on 28.09.2021 organised by AD Instrument. • Guest lecture on “Nonlinear measures in HRV” rom 25th to 29th October 2021 organised by Model Engineering College, Thrikkakara Cochin, Kerala
 <p>Dr. Prashant Vishwanath. Prof, Dept of Biochemistry</p>	<ul style="list-style-type: none"> • Guest lecture on “Team work” organized by IQAC, JSSATE,Bangalore on 16.07.2021 • Guest lecture on “Future Challenges in Higher Education” on 20.07.2021 at JSS College for Women, Chamaraanagar • Resource person for Workshop on Outcome Based Education: Curriculum Design, Teaching, Learning and Assessment Strategies organized by Faculty of Life sciences ,JSSAHER,Mysuru on 27.07.2021 • Resource person for Workshop- Revised Basic Course from 16th to 18th August 2021 at JSSMC,Mysuru • Resource person for National level workshop on NIRF INDIA RANKINGS -2022 for Higher Educational Institutions organized by Institute for Academic Excellence in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana on 5th and 6th January 2022 • Resource person for New normal Education Leadership Summit & Awards 2022 held on 7th & 8th Jan 2022
 <p>Dr. Akila Prashant, Prof, Dept of Biochemistry</p>	<ul style="list-style-type: none"> • Talk in conference on “Time to Untangle Research” from 12th-14th august 2021 organised by JSS college of nursing,Mysuru • Guest lecture on “Update on diagnostics in medical genetics” held on 18.08.2021 at Raipur institute of medical sciences,Raipur • Guest lecture on “Universal Newborn Screening- Need of the hour” held on 24th & 25th September 2021 at All India institute of medical sciences, mangalagiri • Scientific talk at BMSseCON 2021, 2nd International e- conference on Competency –based education to outcome based education: Means to attain higher-level Bloom’s taxonomy held on 25th to 27th November 2021 organised by AVMCH, Puducherry • Guest lecture at INDO-US workshop on Basics of PCR & Basics of Primer designing at JSSMC

	<ul style="list-style-type: none"> • Resource person at CME title current trends in cancer biology- Emerging biological mechanisms linking obesity to cancer organized at Sri Devaraj Urs Medical College, Kolar on 11.05.2022
 <p>Dr. Divya P Kumar, Asso. Prof, Dept of Biochemistry</p>	<ul style="list-style-type: none"> • Guest lecture on “Liver & Obesity: Kutuhali Kannada Science Webinar” on 2.07.2021 • Guest lecture at Workshop on “Nuances of Research Ecosystem to Postgraduate Students- Scientific Writing Skills” held from 13th – 15th September 2021 organised by JSS pharmacy college, Mysuru • Guest lecture on “AATF: An emerging player in non-alcoholic fatty liver disease (NAFLD) and hepatocellular carcinoma” held on 25.10.2021 at Institute of Bioinformatics and Applied Biotechnology (IBAB), Bengaluru • Resource person at 12th Ramalingaswami Re-entry fellowship conclave 2021-2022 • Resource person on Fatty liver disease on 16.04.2022
 <p>Dr. Prasanna Kumar S, Asso Prof, Dept of Biochemistry</p>	<ul style="list-style-type: none"> • Guest lecture on “New Strategies for cancer prevention and survival” on 31.07.2021 at Sahyadri Science College, Shimoga • Talk on CAUSES AND PREVENTION OF LIVER CANCER IN VIGNANA BHARATHI. Akashavani, Mysore on 2.10.2021 • Guest lecture at Hampi Kannada University on topic “Women and cancer” on 30.11.2021 • Resource person at XYLEM workshop- Lifestyle, food and cancer on 3.4.2022
 <p>Dr. Rajesh Kumar T Asso Prof, Dept of Biochemistry</p>	<ul style="list-style-type: none"> • Guest lecture on “How to Choose a Research Topic & Importance of Multidisciplinary Research” on 14.09.2021 at JSS pharmacy college, Mysuru • Guest lecture on “Career Opportunities in Life Sciences” at department of Faculty of life sciences, JSSAHER Mysuru • Guest lecture on Targeting Oxidative stress to mitigate air Pollution and adverse health effects at Dept of Environmental Sciences, University of Mysore on 05.06.2022
	<ul style="list-style-type: none"> • Guest lecture at National level conference – AMBICON on topic “CEMR Laboratory: From Scratch to Sophisticated Instrumentation Facility” organized at AIIMS, Raipur on 2.12.2021 • Guest lecture at INDO-US workshop on Fundamentals of polymerase chain reaction at JSSMC • Guest lecture on MPH Research Methods workshop part-1 and 2 on 10th to 12th January 2022 at School of Public Health, JSS Medical College, Mysuru

<p>Dr. M.V.S.S.T.SubbaRao, Prof, Dept of Biochemistry</p>	
 <p>Dr Praveen Kulkarni, Asso Prof, Dept of Community Medicine</p>	<ul style="list-style-type: none"> • Innovation Through Crisis - Development of Indigenous Vaccine for COVID-19 – An India Story. The event was organised by Indian Society for Clinical Research (ISCR) on 12th Nov.2021 • Resource person for topic COVID-19 Vaccine Drive: Untold story of Myths and Facts on 10.07.2021 Organized by Dept of Zoology and Dept of Genetics and Genomics, University of Mysuru • Resource person for Workshop- Revised Basic Course from 16th to 18th August 2021 at JSSMC,Mysuru • Guest lecture on MPH Research Methods workshop part-1 and 2 on 10th to 12th January 2022 at School of Public Health, JSS Medical College, Mysuru • Guest lecture on “study designs” organized by student research cell, JSSMC , Mysuru from 7th to 9th Feb 2022
 <p>Dr G B Aravind, Asso Prof, Dept of Forensic Medicine</p>	<ul style="list-style-type: none"> • Guest lecture on “Next generation technologies improving prisons and correction and improving transparency and efficiency through technology” on 25.06.2021 at Department of Prisons and Correctional Services, Karnataka • Guest lecture on “Drug abuse : Challenges and legal response” on 26.06.2021 at University of Mysore, Mysuru • Guest lecture on “Crimes during pandemic period – An overview” on 4.08.2022 at St. Philomena’s College, Mysore • Guest lecture on “Next generation technologies improving prisons and correction and improving transparency and efficiency through technology” on 11.10.2021 at Department of Prisons and Correctional Services, Karnataka • Guest lecture “Modern Interrogation Techniques: Psychological Profiling of a Criminal” on 29.10. 2021 at Karnataka Police Academy, Mysore • Guest lecture “Modern Interrogation Techniques: Use of Forensic Hypnosis in Investigation ” on 29.10. 2021 at Karnataka Police Academy, Mysore • Guest lecture on “Next generation technologies improving prisons and correction and improving transparency and efficiency through technology” on 29.11.2021 at Department of Prisons and Correctional Services, Karnataka • Guest lecture on “Advanced Technologies in Forensic Science” on 22.12.2021 at PG Department of Studies and Research in Criminology and forensic Science, Karnataka University, Dharwad. • Guest lecture on “Next Generation Technologies and Improving Prisons and Corrections & Improving transparency and Efficiency

	<p>through Technology” on 20.01.2022 at Karnataka Department of Prisons and Correctional Service, Karnataka</p> <ul style="list-style-type: none"> • Guest lecture on “Merging Trends in Computer Forensics” on 21.02.2022 at Karnataka police academy • Guest lecture on “Cyber Crimes & Safety” at ICMR-National Institute of Traditional Medicine, Belagavi on 01.06.2022
 <p>Dr .Chandrakanth HV, Prof, Dept of Forensic Medicine</p>	<ul style="list-style-type: none"> • Guest lecture on Autopsy procedure held on 14.07.2021 at JSS Ayurveda Medical College & Hospital, Mysuru • Guest lecture on online training for KPA, Mysuru on topic “Effect of drugs on Health and Mind” on 11.10.2021 • Guest lecture on “Anti ragging& Awareness on Prevention of sexual harassment” on 26.10.2021 at JSSMC, Mysuru • Guest lecture on “Address on Internal Complaint Committee and anti ragging policy” on 27.10.2021 at Department of Health system management studies, JSS Hospital, Mysuru • Special lecture on role of Forensic Medicine at JSS Law college, Mysuru on 17.12.2021 • Guest lecture on “Digital autopsy V/S Invasive autopsy” on 22.02.2022 at Karnataka Police academy
 <p>Dr . Arun M, Prof and Head, Dept of Forensic Medicine</p>	<ul style="list-style-type: none"> • Guest lecture on “Forensics in pulmonology” held on 23.09.2021 organised by Chest council of India • Guest lecture at International conference on topic “CBME and Forensic medicine – Future scope” organized by 17th Annual conference of South India Medicolegal association – SIMLA 2021 on 5.10.2021 • Guest lecture on “Gender sensitivity in Indian medical education are we reaching out to LGBTQIA+” on 3.12.2021 at 29th Annual conference of Karnataka Medicolegal Society –KAMLSCON 2021
 <p>Dr. Smitha Rani, Asst Prof, Dept of Forensic Medicine</p>	<ul style="list-style-type: none"> • Guest lecture on “Nurses: Confronting Medico Legal issues” at JSS Nursing college on 03.01.2022 • Guest lecture on “Handling Medicolegal Cases” on 25.04.2022
	<ul style="list-style-type: none"> • Guest lecture on Apomorphine During Inauguration of Sexual wellness clinic at Nursing College Chamarajanagar on 26.10.2021 • Guest lecture on (1)Neurotransmitters and (2) Cariprazine at Kasturba Medical College Mangalore on 12.05.2022 • Guest lecture on “Identifying and treating depression in general practice” on 24.05.2022

<p>Dr.Shivanada Manohar.J, Asst Prof, Dept of Psychiatry</p>	
 <p>Dr.Manjunath S Shetty, Prof and Head, Dept of Nephrology</p>	<ul style="list-style-type: none"> • Guest lecture on “Renal disorders in pregnancy” organized by Obstetrics society of Mysore in association with Mysore Nephrology Association on 12.09.2021 • Guest lecture on “Interesting Cardio diabetic cases - Nephrology Perspective” on 23.09.2021

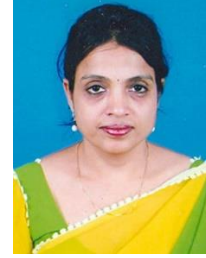
 <p>Dr.Mahesh.M, Professor, Dept of General Medicine, delivered Guest lecture on Importance of Micronutrients on 31.07.2021</p>	 <p>Dr.B.J.Subhash Chandra Professor, Dept of General Medicine delivered Guest lecture at “Insulin Symposium” on the eve of World Diabetes day on Topic: Understanding Insulin Regimens on 14.11.2021</p>	 <p>Dr.M.Suresh Babu, Professor, General Medicine delivered Guest lecture at KAPICON 2020-21, 38th Annual Conference of the API Karnataka Chapter at KMC Manipal, MAHE on topic: delirium in ICU on 18th and 19th September 2021</p>
 <p>Dr.K.M.Srinath, Professor, Dept of General Medicine delivered Guest lecture at KAPICON 2020-21, 38th Annual Conference of the API Karnataka Chapter at KMC Manipal, MAHE Topic: Renal and Cardiac Benefits of newer Anti Diabetic Agents held on 18th and 19th September 2021</p>	 <p>Dr Ashok P, Asst Prof, Dept of General Medicine delivered Guest lecture at CME on Topic: Uniqsue CCB Azelnidipine on 1.07.2021</p>	 <p>Dr. Soumya R Patil, Asst Prof, Dept of OBG, delivered Guest lecture at Gurukul MOGS PG Teaching Programme for Case discussion on Recurrent pregnancy loss on 19.03.2022</p>



Dr. Rashmi H S Asst Prof, Dept of OBG, participated as panellist in Panel discussion on blood transfusion on 18.06.2022



Dr. Sapna H.P, Asst Prof, Dept of OBG, presented Capsule in GURUKUL PG Teaching by MOGS Mysuru on 23.04.2022



Dr Sumana M N, Prof, Dept of Microbiology, delivered Guest lecture on "Dengue" on 06.04.2022 organized by Malcolm Randall VA hospital



Dr Rashmi P Mahale, Asso. Prof, Dept of Microbiology, delivered Guest lecture on Modular Exercise – cluster of infections by KPC producing Klebsiella pneumoniae isolates of epidemic clone ST 258: is there an outbreak" on 21st and 22nd March 2022



Dr. Ranjitha Shankare Gowda, Asst. Prof, Dept of Microbiology, delivered Guest lecture on Tropical medicine elective lecture on tuberculosis and non-tuberculous Mycobacteria" on 09.03.2022 organised by University of Florida.



Dr. Vidyavathi B Chitharagi, Asst. Prof, Dept of Microbiology, delivered Guest lecture on Skill Station: Prevention of Nosocomial Infection VAP Bundles/CRBS Bundles/UTI bundles. General care of ventilated patients from 25.02.2022 to 26.02.2022



Dr. M Raghavendra Rao, Asso. Prof, Dept of Microbiology, delivered Guest lecture on "Recent trends and challenges in TB diagnostic in India" on 23.03.2022 held at Father Muller Medical College & Hospital



Dr. Neetha S. Murthy, Senior Resident, Dept of Microbiology, delivered Guest lecture on "Chikungunya and KFD" on 18.04.2022 organized by Malcolm Randall VA hospital



Dr. Prathibha Pereira, Prof and Head, Dept of Geriatrics, delivered Guest lecture online on topic ELDER ABUSE Awareness & prevention, organised by BLDE university on 15.6.2022



Dr. Babu A.R, Asso. Prof, Dept of ENT was a Resource person at workshop on endoscopic Sinus surgery with Hands -on cadaver dissection course “**Endoscopic DCR**” organized at - Kasturba Medical College, Manipal on 19.03.2022



Dr. Sandhya D, Asst. Prof, Dept of ENT was Faculty at at 12th SAARC ENT Congress organized by Society of Otolaryngologists of Nepal, Kathmandu, Nepal from 25.05.2022 – 30.05.2022



Dr. Amulya Thotambailu, Senior Resident, Dept of ENT delivered Webinar Talk on Cartilage Tympanoplasty on 9/12 /2021 at the 16th International Conference on Otolaryngology



Dr. Akshay H M, Asst Prof, Dept of Anaesthesiology delivered Guest lecture on “Covid 19 Affected Parturients” held on 10.08.2021



Dr. Sarika M Shetty, Asso. Prof, Dept of Anaesthesiology delivered guest lecture at 35th Annual Karnataka State Conference – KISACON 2021 from 7th to 11th October 2021



Dr Vyshnavi, Asso. Prof, Dept of Anaesthesiology, delivered guest lecture at TNMC- Pudukkottai Bhudhan Anesthesia on 20.04.2022



Dr Archana S, Asst Prof, Dept of Anaesthesiology, delivered Guest lecture on Role of simulation training in improving quality of patient care 29.04.2022



Dr. M.D Ravi, Professor, Dept of Pediatrics, delivered Guest lecture on Leadership webinar series Member connect initiative for JSS AHER Faculty/ Leadership Topic: Building a culture of accountability on 03.06.2021 organised by JSSAHER







Dr. Purushotham Sastry, Professor, Dept of Orthopedics delivered Guest lecture on Metals in Orthopaedic Implants organised by Karnataka Orthopaedic Association (KOA) on 20.06.2021



<p>Dr.Kantharaj.G.R, Professor, Dept of Dermatology, delivered Guest lecture on Tele dermatology consultation & its guidelines on 13.06.2021</p>	<p>Dr. Sunil Kumar S, Asso. Prof, Dept of Cardiology delivered Guest lecture on For ever Together Symposium to achieve 90-90-90(Diabetes) on 05-06-2021</p>	<p>Dr. Devanand D, Asst Prof, Dept of Biochemistry delivered Guest lecture at INDO-US workhop on Fundamentals of polymerase chain reaction at JSSMC</p>
 <p>Dr.Nandini N.M, Prof, Dept of Pathology delivered Guest lecture on “Liquid Based Cytology” on 18.12.2021 at S.S institute of Medical Science & Research Centre Dome Hall Collage Davangere</p>	 <p>Dr. Tejashree A, Prof and Head, Dept of Microbiology delivered guest lecture on “Oral Microbiological Aspects in Diabetic Patients: A Review” held on 21st & 22nd August 2021</p>	 <p>Dr Smitha M C, Asst Prof, Dept of Community Medicine was resource person for topic “Population explosion, its effects & control” on 12.07.2021 organised by JSS Ayurveda Medical College</p>
 <p>Dr. Nayanabai Shabadi, Asst Prof, Dept of Community Medicine delivered guest lecture on “Role of Community in Pharmacovigilance” on 23-09-2021 at Mysore Medical College and Research Institute</p>	 <p>Dr Shyam Prasad Shetty, Professor, Dept of CTVS was guest speaker at Namma Arogya Karyakrama All India Radio Mysuru FM 100.6 on 09.01.2022</p>	

AWARDS AND ACHIEVEMENTS OF FACULTY

	<p>Dr. Basavana Gowdappa H, Principal and Professor of Medicine have been awarded with “National Master Teacher Award” by Indian College of Physicians during virtual convocation held from Mumbai on 6th March 2022.</p>
	<p>Dr. Pushpalatha K, Professor, Dept. of Anatomy, felicitated by Mysore district druggist and chemists association and rotary club on international women's day, 8th March 2022</p>
	<ul style="list-style-type: none"> • Dr. Vidya C.S., Professor, Department of Anatomy won 3rd prize for e-poster organized by SDU AHER, Kolar on 29th May 2022. • Best teacher award • Best paper award
	<p>Dr. Vinutha S P, Asst Professor, Dept of Anatomy received Best teacher award</p>
	<p>Dr. Thanzeemunisa, Senior Resident in department of E.N.T. got Gold Medal for best video presentation at 38th karnataka state AOI conference (AOIKCON 2021) virtual organised by AOIK-Davangere chapter on 18th Dec.2021. Title of video presentation- endoscopic transoral excision of right parapharyngeal space tumor.</p>

	<p>Dr.Nandini Manoli, Professor of Pathology received Bronze award for paper presentation</p>
	<p>Dr.Akila Prashant, Professor, Dept. of Biochemistry has been awarded Excellence in Reviewing in recognition of an outstanding contribution to the quality of journal on 2021.</p>
	<p>Dr.S.K.Prabhakar, Prof. & HOD, Dept. of Ophthalmology received JSS Ophthalmology department and Eye Bank Best Specialty Hospital Ophthalmology award issued by KARNATAKA EXCELLENCE AWARDS, Regd under Niti Aayog, Govt of India No MYE-4-00428-2018-19. Ministry of Social Justice and Empowerment, Govt. of India. Ministry of Tribal Affairs, Govt. of India.</p>
	<p>Dr.M.B.Bharathi, Professor, department of E.N.T. has received certificate of excellence in reviewing Indian journal of Otolaryngology in recognition of her outstanding contribution to the quality of the journal.</p>



National Educational Excellence Awards – Leading Medical College of the year 2021, South India in the category of Quality Medical Education, Social Welfare & Medical Research at Taj West End, Bengaluru on 23rd Sept.2021 presented by Beginup Research Intelligence Private limited, Bengaluru



Special Awards for outstanding performance in Virtual Knowledge Delivery during pandemic



JSS Medical College Magazine “Samarthyaa” received 2nd prize

CURRICULUM ENRICHMENT IN SUPPORTING OF SDG 3

- **Curriculum enriched with various health education concepts**
- **Hospital postings to help students perceive and understand healthcare facilities and its operations**
- **Undertake various research activities and dissemination of healthcare knowledge through dissertations and publications**
- **Various outreach programs to spread healthcare awareness among people of the community**

Table 03: Activities conducted aligning to Goal 3

Curriculum	<p>The curriculum is designed by incorporating health education modules to students on areas such as various communicable and non-communicable diseases, various modes of disease transmission, ways of disease prevention, 3-tier system (Primary, Secondary and Tertiary care) of healthcare delivery in the country along with administration of healthcare in private and public healthcare facilities.</p> <p>Curriculum is also enriched with concepts related to patient safety issues in healthcare, ethical and legal issues in healthcare delivery, incorporating information communication technology tools to healthcare and economics of healthcare to enable comprehensive learning by student.</p>
Teaching & Learning	<p>Hospital postings being an integral component of curriculum helps students to get a real exposure to health care delivery systems. Students have the benefit of hands-on-experiential learning by solving real-time problems and issues in healthcare facility.</p> <p>The department organizes visits to various industries regularly during the course. Students are taken to various healthcare facilities, hospitals, and pharmaceutical companies for enhanced hands-on learning about the advancements in their respective areas.</p> <p>Students visited JSS Hospital Chamarajanagara to observe the functioning of various departments.</p>
Doctoral Research (PhD)	<p>Doctoral Research was carried out and submitted on the impact of telephone call-based health education intervention for diabetes patients on the control of hyperglycemia and knowledge enhancement in diabetes self-management. The research was carried out by Dr. Kanakavalli K. Kundury, Assistant Professor, DHSMS under the guidance of Dr. H. Basavana Gowdappa, Principal, JSS Medical College and Hospital.</p>
Publications	<p>1. Dr Mamatha HK, Ms. Padmashree G S-Teachers' Challenges And Their Perception - An Interventional Study Through Reading And Reflecting</p>

- For Collaborative Learning "Journal of Positive School Psychology
<http://journalppw.com> 2022 Vol. 6, No. 3, 7322– 7331 - SCOPUS"
2. Dr Mamatha HK, Mohinish S -A Study on Patient Safety Practice Compliance in a Tertiary Care Teaching Hospital International Journal of Health Sciences and Research 01-05-2022 Website: www.ijhsr.org ISSN: 2249-9571 DOI: <https://doi.org/10.52403/ijhsr.20220509> Vol.12 Issue: 5; 64-74 Google Scholar"
 3. Dr Mamatha HK, Ms. Padmashree GS-TRANSFERENCE OF TEACHERS' EMOTIONAL INTELLIGENCE TO STUDENTS DURING ADOLESCENCE" Education and New Developments 2022 ISSN (electronic version): 2184-1489 ISSN (printed version): 2184-044X ISBN: 978-989-53614-3-4.
 4. Dr. Mamatha HK, Dr.R. Sridhar, V.Dineshkumar, Dr. M. Chandran "Association between Peace and Education as a Single Index Value: An empirical study of the World Countries, Technium Science journal
 5. Dr.Sujay M.J. Impact of digital marketing on customer's purchase ECS Transactions, Vol. 107, Issue 1 Scopus
 6. Dr.Sujay M.J. Brand loyalty and customer satisfaction in online retailing with amazon ECS Transactions, Vol. 107, Issue 1 Scopus
 7. Dr.Sujay M.J. Perception and awareness of differences between branded and generic drugs among public International Journal of Special Education, Vol. 37, Issue 3 Web of Science
 8. Dr.Sujay M.J.-E marketing strategy in health care using IoT and machine learning Materials Today : Proceedings Scopus
 9. Dr.Sujay M.J.-factors affecting the effectiveness of HRIS (Human Resource Information System) Journal of Positive School Psychology Scopus
 10. Dr. Divya Rao -A Study to Assess Consent Practices in a Multispeciality Hospital Asian Journal of Organic & Medicinal Chemistry UGC Care Journal
 11. Dr. Divya Rao -A STUDY ON ANALYSIS OF SURGICAL SITE INFECTION USING QUALITY TOOLS AT A TERTIARY CARE TEACHING HOSPITAL International Journal of Health Sciences Scopus
 12. Dr. Divya Rao-A STUDY ON APPROPRIATENESS OF PACKED RED BLOOD CELLS TRANSFUSION IN A TERTIARY CARE HOSPITAL NeuroQuantology Scopus
 13. Dr. Divya Rao-A study on challenges faced by health care workers in a tertiary care hospital during covid 19 Pandemic, AHA Journal
 14. Dr. Divya Rao-Analysis of factors for Knowledge component on Biomedical waste management among health care professionals: A hospital-based study Journal of Chemical Technology and Biotechnology Scopus
 15. Dr. Kanakavalli K. Kundury- Willingness of patients to use WhatsApp and Zoom applications for receiving diabetes self-management education: Results of a pilot study Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598, Volume-12, May 2022
 16. Dr. Kanakavalli K. Kundury-A Study to Assess the Knowledge on Obesity and Lifestyle Practices among Adolescents through Various

	<p>Digital Technologies – A Pilot Study Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598, Volume-12, May 2022</p> <p>17. Dr Shalini N- A STUDY TO ASSESS THE CONSENT PRACTICES IN A MULTISPECIALITY HOSPITAL Asian Journal of Organic & Medicinal Chemistry UGC Care 1 group</p> <p>18. Dr Shalini N A STUDY TO ASSESS THE SERVICE QUALITY IN A TERTIARY CARE HOSPITAL</p> <p>19. Dr Shalini N- A study on Analysis of surgical site infection using a quality tool at a tertiary care hospital, International journal of health Sciences Scopus</p> <p>20. Mahadevaswamy R M- COMPARATIVE ANALYSIS ON DIGITAL BANKING SERVICES: WITH SELECT PUBLIC AND PRIVATE BANKS JOURNAL OF MANAGEMENT & ENTREPRENEURSHIP UGC Care I</p> <p>21. Dr. Mamatha HK, Varsha T- Management of Stress at Workplace International Journal of Scientific Research and Reviews (IJSRR), 2021, 10(3),85-9, UGC, Google Scholar</p> <p>22. Dr. Mamatha HK, Varsha T -A STUDY ON THE IMPACTS OF WORK FROM HOME AMONG INFORMATION TECHNOLOGY PROFESSIONALS International Journal of Advance and Innovative Research (IJAIR) Volume 8, Issue 4 (VII) October - December 2021 Google Scholar</p> <p>23. Dr Mamatha HK, Varsha T - Teachers' experiences of stress and their coping strategies during covid-19 on online education system "International Journal of Current Research Vol. 13, Issue, 11, pp.19505-19507, November, 2021" Google Scholar</p> <p>24. Dr.Sujay M.J. Investigating the use of performance management on customer service and their impact on e-commerce to gain competitive advantage Vidyabharati International Interdisciplinary Research Journal " Web of science"</p> <p>25. Dr. Divya Rao- A STUDY TO ASSESS THE CONSENT PRACTICES IN A MULTISPECIALITY HOSPITAL Asian Journal of Organic & Medicinal Chemistry UGC Care 1 group</p> <p>26. Dr. Divya Rao- A study on the factor analysis of biomedical waste management practices in Mysuru City</p> <p>27. Dr Shalini N- SERVICE QUALITY ASSESMENT OF A TERTIARY CARE HOSPITAL USING TERHOSQUAL: A NOVEL APPROACH</p>
<p>Student Dissertations</p>	<ul style="list-style-type: none"> • Students are encouraged to take up various research projects for dissertation submission to the department on areas such as health education interventions, application of quality management tools such as Lean and re-engineering concepts in reducing Turn-Around-Time (TAT) of outpatient consultation and emergency services in hospitals, resource optimization in insurance and billing desk and patient satisfaction surveys

RESEARCH SUPPORTING SDG 3

FUNDED PROJECTS

S.No	TITLE	Principal Investigator	Funding agency	Amount	Duration
1	“Improving the capacity of health system and community for sickle cell disease screening and management: an intervention study”	Dr.Deepa Bhat Dept of Anatomy	ICMR	90,00,000/year	3 years
2	Assessment of Physical and chemical properties of saliva in tuberculosis patients	Dr Vidya CS, Dept of Anatomy	National Tuberculosis association of India	50,000	2 years
3	“Assessing the feasibility of practicing integrated Yoga and Transcendental Meditation to reduce perceived stress, anxiety and improve the quality of life by frontline COVID warrior women in Mysuru,	Dr.Madhu S, Dept of Com Medicine	DST-SATYAM	5.50 lakhs	01Year
4	Preclinical evaluation of the therapeutic potential of olfaction for treating dementia	Dr. M.V.S.S.T. SubbaRao, Dept of Biochemistry	DST-CSRI	40.00 Lakh	3 years
5	Understanding the role of Vitamin D on Glomerular Basement Membrane (GBM) constituents during diabetic nephropathy	Dr. Paramahans Salimath, Dept of Biochemistry	DST-SERB	51.30 Lakh	3 years
6	National Registry for Rare and other Inherited disorders (NRROID)	Dr. Akila Prashant, Dept of Biochemistry	ICMR	2.44	5 years
7	FIST (CEMR Laboratory)	Dr. M.V.S.S.T. SubbaRao Dept of Biochemistry	DST	58.0	5 years
8	Molecular mechanism underlying high fat diet (HFD)- induced hepatocellular carcinoma (HCC): specific role of TNF- α converting enzyme (TACE) and apoptosis antagonizing transcription factor (AATF)	Dr. Divya P. Kumar, Dept of Biochemistry	DBT	113.60	5 years
9	Targeting Key Signaling Cascades Using D-Formin (A Combination of Vitamin-D and Metformin) For Inhibiting Carcinomas Of Breast In Vitro And In Vivo	PI- Dr. M.V.S.S.T. SubbaRao, Dept of Biochemistry	DBT	49.69	3 years
10	Upregulation of Hydroxy Prostaglandin Dehydrogenase (HPGD) expression using Hydroxy chloroquine as a novel therapeutic strategy in carcinoma cervix	Dr.M.N. Suma, Dept of Biochemistry	ICMR	38.00	3 years

11	Cervicovaginal microbiota and its association with inflammatory cytokines, lipid metabolites among healthy and HPV-infected women at risk for cervical cancer	Dr. M.V.S.S.T. SubbaRao, Dept of Biochemistry	GHES, NIH, USA	16.89	1 Year
12	Longitudinal effects of Air Pollution Exposures on Lung growth and development of biomarker of lung function deficit in Urban Children	Dr. Rajesh Kumar T, Dept of Biochemistry	India Alliance DBT-Wellcome	350.0	5 years
13	Evaluation & comparison of serum calcium, Magnesium, Phosphate, Alkaline Phosphatase, Vitamin-D and Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO and High Fluoride drinking water	Dr. Devananda D., Dept of Biochemistry	ICMR	20.41	2 Years
14	Apoptosis Antagonizing Transcription Factor (AATF): A Novel oncogenic Driver in Hepatocellular Carcinoma	Dr. Divya P. Kumar Dept of Biochemistry	ICMR	32.41	3 years
15	BUILDER Programme	Dr. Rajesh Kumar T. Dept of Biochemistry	DBT-BUILDER	600.0	5 years
16	Assessing the relevance of Salivary Hemoglobin, Interleukin 6 and Lactate Dehydrogenase Level in determining the Chronic Periodontitis in Type 2 Diabetic subjects with and without tooth loss -- A Case Control Study'	Dr. M.V.S.S.T. SubbaRao, Dept of Biochemistry	ICMR	18.6	2 Years
17	The role of RNA-induced silencing complex in the development and progression of Nonalcoholic Steatohepatitis and Hepatocellular Carcinoma: The molecular intervention using natural compounds.	Dr. Prasanna Kumar S. Dept of Biochemistry	DBT-Ramalingaswamy Fellowship	113.60	5 years
18	Post transcriptional modification of Sp 1 transcription factor in Hepatocellular carcinoma (Liver cancer) by Withaferin A.	Dr. Prasanna Kumar S. (Mentor), Dept of Biochemistry	KSTA	35 thousand rupees	6 months
19	Quercetin acts as a novel regulator of LXR-alpha/VDR in Hepatocellular carcinoma.	Dr. Prasanna Kumar S. (Mentor), Dept of Biochemistry	KSTA	35 thousand rupees	6 months
20	Practicing Integrated Yoga And Transcendental Meditation By Frontline COVID Warrior Women To Reduce Perceived Stress, Anxiety And Improve Quality Of Life	Dr Rajesh Kumar T, Dept of Biochemistry	DST-SATYAM	5.5 Lakh	3 years
21	"Evaluation of Fluorescein diacetate sputum smear staining in Comparison with culture for assessing microbiological conversion during follow-up of	Dr. Tejashree.A, Dept of Microbiology	NTEP	1,46,000/-	1 year

	pulmonary DR-TB patients in Karnataka, India”				
22	Spatial mapping of microbial population in the soil surrounding the hospital/ university	Dr.Steve Petrovski, Dept of Microbiology	LaTrobe university	1,10,40000/-	3 years
23	Viral Load Laboratory	Dr.Sumana.M.N (I/C SRL), Dept of Microbiology	NACO	30,00,000/-	3 years
24	State Reference Laboratory	Dr.Sumana.M.N (I/C SRL), Dept of Microbiology	NACO	2,10,000/-	3 years
25	A phase 3 prospective, randomized, multicentre, open-label, central assessor-blinded, parallel group, comparative study to determine the efficacy, safety and tolerability of aztreonam-avibactam (ATM-AVI) ±metronidazole (MTZ) versus meropenem±colistin (MER±COL) for the treatment of serious infections due to gram-negative bacteria, including metallo-β-lactamase (MBL)-producing multidrug resistant pathogens, for which there are limited or no treatment options	Dr. Sumana M N, Dept of Microbiology	Pfizer	-	1 year
26	Impact of conducting hand hygiene audit in COVID-19 care locations of India- A large scale national multicentric study	Dr Deepashree,, Dept of Microbiology	JIPMER, Pondicherry	Nil	6 months
27	Comparison of antimicrobial susceptibility testing methods for colistin against carbapenem resistant Enterobacteriaceae in a tertiary care hospital of Southern India	Dr.Deepashree, Dept of Microbiology	JSSAHER	50,000/-	1 year
28	Study to Evaluate the Effectiveness of BCG vaccine in Reducing Morbidity and Mortality in Elderly individuals in COVID-19 Hotspots in India.	Dr. Prathiba Pereira, Dept of Geriatrics	ICMR	69,00,000/-	9 months
29	Risk factors for SARS-CoV-2 infection among healthcare workers in India: A Case Control Study	Dr. Anil Bilimale, Dept of Com Medicine	WHO	8,30,000/-	1 year
30	Effectiveness of Covaxin and Covishield vaccines against severe COVID-19 in India, 2021: Multi-centric hospital-based case control study	Dr. Anil S Bilimale, Dept of Com Medicine	ICMR	10,95,000/-	3 months

31	Thyroid dysfunction and thyroid autoimmunity in women with iron deficiency anemia in early pregnancy	Dr.Savitha.V, Dept of Gen Medicine	MPMRT Karnataka API	3 lakhs	4 years
32	The International Polycap study (TIPS -3)	Dr.K.M.Srinath , Dept of Gen Medicine	PHRI, Hamilton, Canada Cadila	Rs.11,72,164/	6 Years
33	Phase 2/3, RCT on Comparision of safety and efficacy of inactivated hepatitis A virus vaccine.	Dr.T.Thippeswamy, Dept of Gen Medicine	Human Biologicals Institute, (A Division of Indian Immunologicals Ltd)	Rs.10,60,2020	1 Year
34	Pemafibrate to reduce cardiovascular outcomes by reducing triglycerides	Dr.Y.S.Ravikumar, Dept of Gen Medicine	KOWA	Rs.14,67,722	5 Years
35	Capacity building of infrastructure and human resource for conducting covid vaccine clinical trial and Immunogenicity as per GCP guidelines	Dr H Basavanagowdappa Principal	BIRAC	176.92 Lakhs	12 Months
36	Efficacy of deep learning algorithms in reporting MSK Radiographs	Dr. Vikram Patil, Dept of Radiodiagnosis	iMERA	Rs. 10 Lakhs	2 Years
37	Xplore: A Phase III Double-Blind, Parallel-Group, Multicenter Study to Compare the Efficacy and Safety of Xlucane versus Lucentis® in Patients with Neovascular Age-Related Macular Degeneration	Dr. Premnath Raman, Dept of Ophthalmology	Xbrane	Total remuneration per Trial Subject: 404306.00 INR	
38	A Double-Masked, Placebo-Controlled, Randomized, Phase II Clinical Trial To Assess The Efficacy Of IVIEW-1201 In The Treatment Of Acute Adenoviral Conjunctivitis	Dr. Premnath Raman- Dept of Ophthalmology	IVIEW Therapeutics Inc., USA	Total budget Per Patient -Rs 63,760	
39	A Randomized, Phase 3, Double-masked, Parallel-group, Multicenter Study to Compare Efficacy and Safety of QL1205 Versus Lucentis® in Subjects With Neovascular Age-related Macular Degeneration	Dr. Premnath Raman, Dept of Ophthalmology	Qilu Pharmaceutical Co., Ltd		
40	A study of RT-PCR quantification on 16s RNA and 18IDa antigen gene targets in assessing the efficacy of multidrug therapy	Dr.Ranugha P S S, Dept of Dermatology	IADVL	4.43 LAKHS	3 years
41	A Pivotal, Multiple-dose, Pharmacokinetic Bioequivalence Trial Comparing Generic To Reference Listed Drug Of Paliperidone Palmitate Extended-release Injectable Suspension	Dr.T.S.S Rao, Dept of Psychiatry	Tolmar Inc.	30 Lakhs	3 years

	(156 Mg) In Subjects With Schizophrenia Or Schizoaffective Disorder				
42	A Randomized, Multicenter, Multiple-dose, Crossover, Steady-state Bioequivalence Study of Aripiprazole Extended Release Injectable Suspension and Abilify Maintena® in Subjects with Schizophrenia	Dr.T.S.S Rao, Dept of Psychiatry	Mylan Laboratories	30 Lakhs	3 years
43	A randomized, open label, multicenter, parallel group, multiple dose, steady state study to compare the bioavailability and characterize the pharmacokinetic profile of the sponsor's test formulation [Paliperidone Palmitate extended release injectable suspension, (156 mg/ml)] relative to that of the reference formulation [Invega® Sustenna® (Paliperidone Palmitate extended release injectable suspension, 156 mg/ml), Janssen Pharmaceuticals, Inc., Titusville, New Jersey] and establish bioequivalence in patients of Schizophrenia already receiving a stable regimen of paliperidone palmitate extended release injectable suspension	Dr.T.S.S Rao, Dept of Psychiatry	Intas Pharma Co.	18 Lakhs	2 years
44	Centre for Training, Research & Innovation in Tribal Health submitted to Wellcome trust – India alliance 2021	Dr Deepa Bhat, Dept of Anatomy	Wellcome trust India Alliance	1.2crore	5 yrs
45	Burden of Vaso-Occlusive pain crisis: A Cross-sectional Observational Study Among Patients with Sickle Cell Disease in India (B-VOCAL SCD) with Novartis India	Dr Deepa Bhat, Dept of Anatomy	Novartis	Per case	5 years
46	A phase 2/3, Observer-blind, Randomized, Controlled study to determine the safety and immunogenicity of COVOVAX [SARS-CoV-2] recombinant spike protein nanoparticle vaccine (SARS-CoV-2 rS) with MATRIX-MI™ adjuvant in Indian adults	Dr Praveen Kulkarni, Dept of Com Medicine	ICMR	35.7 Lakh	1 year
47	Rapid Assessment of Continuum of Care for Diabetes and Hypertension in India	Dr Praveen Kulkarni, Dept of Com Medicine	WHO-ICMR, NCDIR	2,74,575/-	3 months

	“An open lable single center phase 1 study to evaluate safety, reactogenicity and immunogenicity of a single intramuscular dose of an inactivated polilomyelitis vaccine of Biological E Limited in 18 – 45 year old healthy adults”	Dr.H.R.Prasanna Kumar, Dept of Biochemistry	Bio E Ltd.	Rs.6,99,000	Close Awaited
48	Phase 2/3, RCT on Comparision of safety and efficacy of inactivated hepatitis A virus vaccine.	Dr.T.Thippeswamy , Dept of Gen Medicine	Human Biologicals Institute, (A Division of Indian Immunologicals Ltd)	Rs.10,60,2020	1 Year
49	Multicenter, Single-dose, Randomized, Parallel Arm Two-treatment Bioequivalence Study of Mylan’s Iron Dextran (50 mg/mL) versus Allergan’s INFeD® (50 mg/mL) Following a Single Intravenous Injection in Patients with Iron Deficiency Anemia	Dr.Ashoka.H.G, Dept of Gen Medicine	Mylan Laboratories Ltd DCGI Approval pending	72,800 per subject	1 Year
50	Pemafibrate to reduce cardiovascular outcomes by reducing triglycerides	Dr.Y.S.Ravikumar, Dept of Gen Medicine	KOWA	Rs.14,67,722	5 Years
51	A Prospective, Multi-centric, Randomized, Double- Blind, Parallel, Phase-III study of Assess Efficacy of PMZ 2010 as a Resuscitative Agent for Hypovalemic Shock to be Used as an Adjuvant to Standard Shock Treatment.	Dr.Mahesh, Dept of Pulmonology	Pharmazz India Pvt. Ltd	Rs.10,000/-	1 Year
52	EDP1815/TACTIC-E, Amberisentan, Dapagliflozin	Dr Subash Chandra B J, Dept of Gen Medicine	NHS UK, Apollo Hospitals		
53	Capacity building of infrastructure and human resource for conducting covid vaccine clinical trial and Immunogenicity as per GCP guidelinesCO-PI Dr. Prathibha Pereira Dr. Shilpa Avarebeel	Dr.Tejaswini , Dept of Geriatrics	BIRAC	Rs. 176.92 Lakhs	12 months
54	COVID drug- Molnupiravir	Dr.Shilpa	Dr Reddys/ JSS Medical Research Ltd - Phase 3	5 lakhs	1 year

JSSAHER FUNDED PROJECTS

SI No	Title	PI	Guide	Total Amount	Duration
1	Awareness on hand hygiene and risk of infections in dissection theatre among I MBBS students	Nimisha	Dr Vidya CS, Dept of Anatomy	10,000	1 yr
2	“Anthropometric Measurements of Cerebral Palsy Children at Tertiary Care Hospital”	Ms Sakshi Bhargava	Dr Deepa Bhat, Dept of Anatomy	12500	1 year
3	Delineating the mechanism(s) of cell death induced by Diallyldisulfide (DADS) in vitro	Dr. Sujatha P. Dept of Biochemistry	--	50,000	02
4	Association of genotypic pattern of obesity related genes with the cardiometabolic parameters among young adults with and without family history of obesity	Dr. Shobha C. R.	Dr Prashant Vishwanath, Dept of Biochemistry	50,000	02
5	Genotypic characterization of Mycobacterium tuberculosis isolated from tuberculosis patients with and without diabetes	Mohammed Kaleemullah	Dr. Prashant Vishwanath, Dept of Biochemistry	25,000	03
6	Detection of antibiotic resistance gene pattern in clinical isolates of Escherichia.coli & Klebsiella.pneumoniae using multiplex PCR in the impact of management in patients diagnosed with sepsis.	Nishitha R Kumar	Dr. Akila Prashant, Dept of Biochemistry	25,000	03
7	Effect of vitamin D on oxidative stress induced changes in the glomerular basement membrane during diabetic nephropathy	Lavanya B R	Dr. Akila Prashant Dept of Biochemistry	25,000	02
8	Anti-cancer activity directed characterization of venom bio-molecules isolated from jellyfish, specific to the west coast of India	Dr. Devananda D, Dept of Biochemistry		15,000	01
9	Role of Androgen Receptor (AR) in Determining Response to Neoadjuvant Chemotherapy (NAC) in Triple Negative Breast Cancer (TNBC) Patients	Dr. M.V.S.S.T. SubbaRao Dept of Biochemistry		5,00,000	02
10	Association of gene polymorphism in obesity related genes and its association with histopathological prognostic factors, hormonal receptor status and Ki67 index in obese breast cancer patients	Mr. Adel Mohammed Saleh Ahmed	Dr. Akila Prashant Dept of Biochemistry	25,000	03
11	Role of core clock genes in Breast Cancer and their response to treatment	Ms. Supriya Bevinakoppamath	Dr. Akila Prashant, Dept of Biochemistry	25,000	03
12	A Comprehensive approach to explore the antidiabetic potential of bioactive peptides from colostrum	Dr.Satish.A.M, Dept of Pharmacology		50,000	03
13	A study on Antidiabetic and probiotic potential of Lactyobacillus isolates from food sources	Dr. Kalabharathi. H L Dept of Pharmacology		50,000	03
14	Screening of anticancer activity of Ayurvedic formulations on breast cancer cell lines.	Dr Pushpa.V.H, Dept of Pharmacology		40,000	01 year 11 month
15	Comparision of antimicrobial susceptibility testing methods for colistin against Carbapenem resistant Enterobacteriaceae in a tertiary care hospital of southern Inida	Dr Deepashree.R, Dept of Microbiology		25,000	01

ICMR STS Projects – Reports Accepted in 2021

Sl. No	Title of the Project	Name of the student	Name of the Principal Investigator/Mentor & Department	Grants Sanctioned
1	Influencers in adopting terminal methods (both tubectomy and vasectomy) of contraception among target couples of urban and rural areas	Ms. Nivedya Krishnan C MBBS Student	Dr. Smitha M C Asst Professor Community Medicine JSS Medical College	20,000.00
2	Relationship between frailty glycemic control and Nutritional status among elderly with Diabetes Mellitus residing in an Urban Community of Mysuru.	Ms.PoorvikaK.Babu	Dr.Praveen Kulkarni, Associate Professor, Dept of Community Medicine	20,000.00
3	Assessment of indoor air quality and its implication on health in an urban slum of Mysuru City, Karnataka.	Mr.SamyakTushar Shah	Dr.NayanabaiShabadi, Asst Professor Community Medicine JSS Medical College	20,000.00
4	A study on risk factors and adverse drug reactions among drug sensitive and drug resistant tuberculosis patients.	Ms.ShantviKumari	Dr.Prathima C. Associate Professor, Dept of Pharmacology	20,000.00
5	A comparative study on cognition and its association with perceived stress, body mass index and lung functions in medical students with and without physical activity	Mr. Ankireddy Ritish Reddy	Dr.Bharath T, Assistant Professor, Dept of Physiology	20,000.00
6	Assessment of fungiform papillae among geriatrics using digital camera	Ms A AnushkaRao	Dr.Vidya C S, Professor, Dept of Anatomy	20,000.00
7	Prevalence of Carbapenem resistance among enterobacteriaceae and the number of past hospital admissions, age and diabetic status	Mr. RohanKarkara	Dr.Teashree A, Professor and Head, Department of Microbiology	20,000.00
8	Effectiveness and challenges perceived by mother ancommunity health worker during the home based new born care visits	Ms. Riya Jain	Dr Anil S Bilimale, Asst Professor Community Medicine JSS Medical College	20,000.00
9	Evaluation of visual communication board among communication compromised patients in intensive care units of a tertiary care hospital	Ms. Rudrani Mukharjee	Dr Sunil Kumar D, Associate Professor, Dept of Community Medicine	20,000.00

10	Drug utilization and prescribing pattern of antipsychotic and anti dementia drugs in geriatric patients	MsReetuArora	DrKalabharathi H L, Associate Professor, Dept of Pharmacology	20,000.00
11	A cross sectional study evaluating relationship between nicotine use, body mass index and impaired sleep with cognitive functions in elderly population in a tertiary care facility	Mr.Mahnmohan YashMahajan	Dr Kishore M, Associate Professor, Dept of Psychiatry	20,000.00
12	A study to assess knowledge, attitude and practice of insulin therapy in patients with Diabetes Mellitus	Mr. Mehak Gera	Dr. Varsha, Assistant Professor, Dept of General Medicine	20,000.00
13	Effect of Raja Yoga on quality of sleep and pain symptoms in inpatients	Mr.Krishna	Dr.ShivanandManohar, Assistant Professor, Dept of Psychiatry	20,000.00
14	Effects of obesity indices on severity of menopausal symptoms in urban and rural women	Mr.Pranav B Kashyap	Dr.Sudha B Srinivas, Associate Professor, Department of Physiology	20,000.00
15	A multimodal interventional strategy to increase the hand hygiene compliance in intensive care unit of a tertiary care hospital in South India	Mr.Shashwath G	Dr.Deepashree R Assistant professor Department of Microbiology	20,000.00
16	Assessment of Calcium and Vitamin D levels in thalassemic children in a tertiary care unit	Ms.ShikhaAgarwal	Dr. M D Ravi Professor, Department of Pediatrics	20,000.00
17	Cytological diagnostics and prognostics methods using immunocyto chemistry (estrogen receptor marker) for surgical management of breast cancer	Mr. Rohith R Nair	Dr. Nandini N M Professor Dept of Pathology	20,000.00

Approved ICMR STS Projects for the year 2022

Sl No	Name of the student	Year/Term	Guide	Department	Title
1	Ms. Smriti Utreja	4th year (8th term)	Dr Pushpa.B	Anatomy	Histomorphometric analysis of newly discovered tubarial salivary gland and its clinical implications
2	Aishwarya V Bhat	4th year (8th term)	Dr. Vidya C S	Anatomy	Assessment of taste sensation in Type 2 Diabetes Mellitus patients and its correlation with fungiform papillae density, random blood sugar and HbA1c levels
3	Ms. Nimrah Rehman	3rd year (6th term)	Dr Priya S A	Physiology	Cognitive responses to acute water ingestion and its correlation with hydration status
4	Vatsala Verma	8th term ; Final year	Dr. M. Raghavendra Rao	Microbiology	COVID-19 Infection Outcome among Vaccinated and Unvaccinated Individuals During Second and Third Wave of the Pandemic - A Cross-Sectional Retrospective Study
5	Isha Aniruddha Kumthekar	6th term (3rd year)	Dr. Tejashree A	Microbiology	Effectiveness of multimodal intervention to improve blood culture collection in a tertiary care hospital
6	Dhamini S	4th term ; 2nd year	Dr Sowmya G S	Microbiology	Multi-modal capacity building strategy to improve Biomedical waste management practices at Primary health care centres
7	Varuni Makam	3rd year, 6th term	Dr. Vidyavathi B C	Microbiology	An insight to covid 19 reinfections and it's correlation with vaccination status
8	Nimisha Sinha	6th term (3rd year)	Dr Deepashree R	Microbiology	A multimodal approach for prevention of ventilator associated pneumonia- A study from a tertiary care hospital in South India.
9	Subhradeep Dhar	4th year (8th term)	Dr Suchitha S	Pathology	Clinicopathological spectrum of renal diseases in diabetics in a south Indian Tertiary care centre
10	Ms. Sejal Agarwal	4th year (8th term)	Dr.SHWETHASHREE M	Community Medicine	Effect of online classes *on refractive error progression * among school children during the COVID-19 pandemic
11	Mr. Vishal Juneja	3rd year (6th term)	Dr Praveen Kulkarni	Community Medicine	Prevalence of Frailty and its association with Vitamin D, Calcium deficiency and nutritional status among elderly residing in Tribal areas of Mysuru, Karnataka
12	Ms. Palak Talwar	4th year (8th term)	Dr Smitha MC	Community Medicine	Prevalence and role of sociodemographic variables, Family planning services, Gender preferences and Decision making on Sterilization Regret among Women in Urban, Rural and Tribal areas.
13	Sruthi Konduri	4th year (8th term)	Dr. Nayana Shabadi	Community Medicine	Geo-spatial mapping of Interstitial Lung Diseases diagnosed in a tertiary care hospital and finding the role of

					occupation in the causation. A Cross-sectional survey
14	Ms Utkarsha Bharadwaj	4th year (8th term)	Dr Bindu Malini	Ophthalmology	Contact lens, case and solution related microbiological evaluation in Healthcare providers and medical students
15	Ritik Raj	4th year (8th term)	Dr.Prajwala Hassan Vasudev	Paediatrics	Comparison of clinical severity and epidemiological spectrum of SARS-COV-2 and co-infections in children from ages 2 months to 18years
16	Vibhuti Bhardwaj	8th Term , Final year	Dr. Manthappa M	Gen Medicine	A comparative cross sectional study evaluating association between sleep wake cycle impairment in diabetic and non diabetic patients who suffered from COVID - 19 infection
17	Ishika	8th Term , Final year	Dr. Ashwini P K	Dermatology	LEEP QUALITY IN PSORIASIS PATIENTS AND PREVALENCE OF SMOKING AMONG THEM

Research Projects aligning to this goal

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received
1	Principal Investigator: Dr Indira M D Lecturer, Dept. of Pedodontics & Preventive Dentistry Co-PI Dr Sushma, Dept. of Pediatrics, JSSH	Oral health status and oral health related quality of life among children born preterm- A cross sectional study	0.25	ISPPD	1 Yr.	Sanctioned 06.06.2022	1.25
2	Principal Investigator: Mr Jayachandran P P Course Co-ordinator Dental Mechatronics & Care of SPARKLE CINE foundation JSS Academy of Higher Education & Research	NIDHI-Promotion and acceleration of young and aspiring technology entrepreneurs (NIDHI-prayasee)	5.00	SJCE-STEP NIDHI PRAYAS	1 Yr.	Sanctioned 06.06.2022	2.50
3	Principal Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Raghavendra Shanbhog, JSSDCH Dr Subbarao, JSSMC Dr Raghunath, JSSDCH Dr Meenakshi, JSSDCH	ATP evaluation of antibiofilm and antimicrobial efficacy of denture cleanser tablet	3.0675	Group Pharmaceutic als Ltd., Bangalore	6 Months	Sanctioned 19.02.2022	1.0

4	Principal Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Raghavendra Shanbhog, JSSDCH Dr Subbarao, JSSMC Dr Mruthyunjaya, JSSCP, Mysore Dr Gowthamrajan, JSSCP, Ooty	Fennel Extract Gel for Dental Purpose- Phase-1	1.13503	Group Pharmaceuticals Ltd., Bangalore	1 Year	Sanctioned 03.01.2022	1.13503
5	Principal Investigator: Dr Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry Co-investigators Dr. Jaishankar HP, JSSDCH, Dr. Suma S, JSSDCH, Dr. Praveen Kulkarni, JSSMC, Dr. Madhu B, JSSMC, Dr. Kishor M, JSSMC	Enhancing identification and counseling skills of medical and dental undergraduate students using a customized e-learning module on Tobacco Counseling - An education innovation project using ADDIE framework.	17.94560	ICMR	3 Yrs.	Sanctioned 30.12.2021	8.79186
6	Principal Investigator: Dr Aruna G Lecturer Dept. of Periodontology Co-PI: Dr Chandrashekar B R, JSSDCH Dr Venkatesh M C, JSSCP Mysore	Effect of locally delivered melatonin as an adjunct to scaling and root planning in the treatment of Periodontitis with or without diabetes	7.8860	DST-SERB	1.5 Yrs.	Sanctioned 29.12.2021 CRG/2021/002186/29.12.2021	4.7550 (14.02.2022)

7	Dr Suman Basavaraju Reader Dept. of Periodontology	Assessing the clinical effectiveness of resolvins as a locally delivered drug as adjuncts to non-surgical periodontal debridement in patients with Periodontitis: clinical and immunological study - A randomized clinical trial	1.00	JSSAHER	2 Yrs.	Ongoing	0.50
8	Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	To Evaluate and correlate serum vitamin D levels and antimicrobial peptides in saliva and inverse correlation with inflammatory cytokines in dental health among patients with metabolic syndrome and healthy controls	1.00	JSSAHER	2 Yrs.	Ongoing	0.50
9	Dr Vidya C S, Prof., Dept. of Anatomy, JSSMC Co-investigators Dr Vidya G D, Reader, Dept. of Oral pathology	Digital Image Quantification of fungiform papillae and assessment of the metabolome of oral microflora to screen the plausible antagonist(s) of taste and smell receptors in COVID-19 patients	0.50	JSSAHER	1 Yr.	Ongoing	1.0

10	<p>Dr Anitha Subbappa Reader Dept. of Periodontology</p> <p>Co-investigators Dr Mahesh P A Prof., Dept. of Pulmonology, JSSMCH</p> <p>Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry</p>	Association of Saliva Interleukin 6 levels in COPD patients with periodontitis	0.50	JSSAHER	1 Yr.	Ongoing	0.25
11	<p>Dr Mahesh K P Reader, Dept. of Oral Medicine & Radiology</p> <p>Co-investigator Dr Aparna Vijayan N PG Student Dept. of Oral Medicine & Radiology</p>	Efficacy of two different modified brushes for brush biopsy to analyse the cytomorphologic and molecular changes in oral prealignant disorders	0.50	JSSAHER	1 Yr.	Ongoing	0.25
12	<p>Dr Karthikeya Patil Prof., & HOD Dept. of Oral Medicine & Radiology</p>	Retromolar Canal: A Cone Beam computed tomographic study	0.50	JSSAHER	1 Yr.	Ongoing	0.25

13	<p>Dr Priyanka Nitin Lecturer Dept. of Oral Pathology</p> <p>Co-investigator: Dr Vishakantesh Gowda Prof. & HOD, JSSCP, Mysore</p>	<p>Development and commercialization of thermochromic hand wash to combat the present COVID 19 pandemic.</p>	0.50	JSSAHER	1 Yr.	Ongoing	0.25
14	<p>Dr Vidya Priyadharshini D S Reader, Dept. of Periodontology</p> <p>Guide: Dr Ravindra S Prof., Dept. of Periodontology</p>	<p>To evaluate the effect of photo functionalization on secondary stability in short dental implants</p>	0.50	JSSAHER	3 Yrs.	Ongoing	0.25
15	<p>Dr Sanjay C J Reader Dept. of Oral Medicine & Radiology</p>	<p>Assessment of Oral Red Patch as a diagnostic marker for vitamin B12 deficiency</p>	0.50	JSSAHER	2 Yrs.	Ongoing	0.25

16	Dr B Nandlal Professor Dept. of Paediatrics & Preventive Dentistry	3D Enhanced devices for Dental Procedures for increasing patient and dental team safety during and post COVID-19	0.30	JSSAHER	6 months	Ongoing	0.15
17	Dr Vinutha M Reader, Dept. of Conservative Dentistry & Endodontics	An in vitro evaluation of the apical sealing ability of Bio Root RCS with various core materials: A micro leakage study using Spectrophotometer	0.20	JSSAHER	6 months	Ongoing	0.20
18	Dr Anitha Subbappa Reader Dept. of Periodontology Co- Investigators: Dr Harsha Raj B S Lecturer Dept.of Oral & Maxillofacial Surgery	Determination of P.gingivalis and Streptococcus pyogenes incidence by RT PCR in patients with facial space infections caused by odontogenic etiology and prognosis with specific antibiotic therapy determined by antibiotic culture sensitivity	0.26	JSSAHER	2 Yrs.	Ongoing	0.13000

Faculty Submitted projects

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted
1.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Monitoring the effect of indoor air quality in dental healthcare units on the dental health professional and nurses.		ICMR	3 Yrs.	Submitted 15.7.2022
2.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Detection and classification of mandibular fracture on CT scan using deep neural network	10.00	BIRAC Ref. No. BT/ AGCJC0144/01/22	6 Months	Submitted May-2022
3.	Principal Investigator: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Machine learning based smart mobile application for detecting clinical dental fluorosis	10.00	BIRAC Ref. No. BT/ AGCJC0050/01/22	6 Months	Submitted May-2022
4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for debilitated bedridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/ AGCJC0153/01/22	6 Months	Submitted May- 2022

5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022

8.	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry Co-PI: Mr Jayachandran PP.	Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.	25.00	VGST	2 Yrs.	Submitted 22.02.2022
9.	Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillofacial Surgery	Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.	19.58	VGST	2 Yrs.	Submitted 23.02.2022
10.	Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Periodontology Co-PI: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology &	Comparison of the efficacy of combination of punica granatum and citrus paradise herbal extract mouth rinse with chlorhexidine gluconate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study	1.00	ICMR	6 months	Submitted 19.02.2022

	Microbiology					
11.	<p>Principal Investigator: Dr Srinath S Asso.Prof., SJCE</p> <p>Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE</p> <p>Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry</p> <p>Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry</p>	<p>Deep learning based system for automatic cephalometric analysis</p> <p>(Inter-institutional research project with SJCE)</p>	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022
12.	<p>Principal Investigator: Dr Raghunandan S NIE College, Mysore</p> <p>Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry</p>	<p>Core and shell type multi-functional YSZ based composite material for dental application</p>	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022

13.	<p>Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery</p>	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022
14.	<p>Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy, JSSDC Prof., Aradya HV, JSSMC</p>	Investigation of <i>Hylicobacter pylori</i> in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021
15.	<p>Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS</p>	Efficacy of infection responsive anti-candida thin film based zinc oxide nanomaterials in the management of denture stomatitis - a randomized controlled trial	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021
	<p>Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry Co-PI:</p>	Assessment of effectiveness of 3D bioprinted feeding appliances on feeding practices and growth				

16.	Dr Prashanth Murthy Dr Deepti Thandaveshwara, JSSMC Dr RaviShankar SN Accreate Labs Private Limited, B'lore	parameters in cleft lip and palate affected infants – A Randomized Controlled Trial	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021
17.	Principal Investigator: Dr Anitha S Reader, Dept. of Periodontology Co-PI: Dr Ravindra S, JSSDCH Dr Suneethshetty, JSSDCH Dr Vidyawathi Chitharagi, JSSMC Dr Prasanna H R, JSSMC Dr Tejashree A, JSSMC	Comparative Evaluation of the effects of photodynamic therapy versus diode laser on microbiota of endoperio lesions in type 2 diabetes patients	37.00	SERB Govt. of India	30 Months	Submitted 27.11.2021
18.	Principal Investigator: Dr Parasmull J Reader Dept. of Conservative Dentistry & Endodontics	Evaluation of the remineralisation potential of four toothpastes on artificially induced carious lesion – an in vitro pilot study	1.67	Dabur India Ltd.,	1 Yr.	Submitted Sept-2021 MOU on 1.12.2021

19.	Principal Investigator: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Oral Candidiasis, HIV, Tuberculosis and Coexistence of the trio- A prospective clinical study to investigate the potential of oral candidiasis in HIV patients as early diagnostic indicator of tuberculosis	29.00	ICMR-ITRC	3 Yrs.	Submitted August-2021
20	Dr Prathibha Shashikumar Reader Dept. of Periodontology	Clinical evaluation of photodynamic therapy using indocyanine green loaded chitosan nanoparticles, as an adjunct to non-surgical periodontal therapy in patients with chronic periodontitis"- A randomized controlled trial	0.85	JSSAHER	1 Yr.	Submitted 29.06.2022
21	Dr Sheelakumar Gujjari Professor Dept. of Periodontology	Evaluation of cinnamon mucosal patch on candida albicans in diabetic patients with chronic periodontitis	0.95775	JSSAHER	1 Yr.	Submitted 26.05.2022

ICMR / VGST FINANCIAL ASSISTANCE FOR STUDENTS MDS DISSERTATION THESIS

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted
1	Principal Investigator Dr Abhinav Kathuria PG Student Guide: Dr Shivananda S, Reader Dept of Oral & Maxillofacial Surgery	Comparative evaluation of bone and soft tissue healing around dental implants among diabetic and hypothyroidism patients - A prospective case control study	0.50	ICMR	1 yr.	Submitted July- 2022
2	Principal Investigator Dr Suman S D PG Student Dept. of Pedodontics & Preventive Dentistry	Machine learning and deep learning application of lateral cephalometric parameters of growth prediction in children: A comparative study	0.10	ISPPD	1 yr.	Submitted Jan- 2022 Approval pending
3	Principal Investigator Ms Anusha U BDS Student Guide: Dr Usha Hegde Professor Dept. of Oral pathology	Utility of cytology in immunohistochemical analysis: A comparative assessment among oral potentially malignant disorders and normal mucosa	0.50	ICMR-STS	2 months	Sanctioned May- 2022

3A	Principal Investigator Ms Sara Sultana BDS Student Guide: Dr Sreeshyla H S Lecturer Dept. of Oral pathology	Salivary pH, flow, viscosity and lactate dehydrogenase biomarker-A comparative analysis among tobacco habitués associated with and without oral potentially malignant disorders	0.50	ICMR-STS	2 months	Sanctioned May-2022
4	Principal Investigator Ms Srushti Shivaraj Sunkad BDS student Guide: Dr Sanjay C J Reader Dept. of Oral Medicine & Radiology	Prevalence of oro-nuecosal changes in non-alcoholic fatty liver disease (NAPID) in Indian population	0.50	ICMR-STS	2 months	Submitted 21.02.2022
5	Principal Investigator Ms Kevilenud Sekhose BDS student Guide: Dr Nitin V M Reader Dept. of Orthodontics & Dentofacial Orthopedics	Assessment of antimicrobial efficacy curcumin on the oral microbiota in orthodontic patients	0.50	ICMR-STS	2 months	Submitted 21.02.2022
6	Principal Investigator Ms Harshita Bharat Prem BDS student Guide: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics &	Development and evaluation of public awareness tool kit in appropriateness of FACE MASK and Covid-19 vaccine under the age of 18 years.	0.50	ICMR-STS	2 months	Submitted 19.02.2022

	Preventive Dentistry					
7	Principal Investigator Ms Krihshnapriya Varma BDS student Guide: Dr Ravi M B Reader Dept. of Prosthodontics and Crown & Bridge	Assessment of anxiety among geriatric patients during prosthodontics treatment	0.50	ICMR-STs	2 months	Submitted 19.02.2022
8	Principal Investigator Ms Priyanka C P BDS student Guide: Dr Manjula S Reader, Dept. of Oral & Maxillofacial Surgery	Comparative evaluation of post extraction socket healing in diabetic and non-diabetic patients a prospective study	0.50	ICMR-STs	2 months	Submitted 18.02.2022
9	Principal Investigator Ms Shevangi Baruah Pegu BDS student Guide: Dr R Sathish Professor Dept. of Oral & Maxillofacial	Neurological consequences of oral and maxillofacial surgery	0.50	ICMR-STs	2 months	Submitted 18.02.2022

	Surgery					
10	Principal Investigator Mr Adithya Mahesh BDS student Guide: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Evaluation of effect of augmented reality assisted tooth brush on theoral hygiene practices among 6-8 year old children	0.50	ICMR-STs	2 months	Sanction ed May- 2022 (Submitted 18.02.2022)
11	Principal Investigator Ms Nishika S Gowda BDS student Guide: Dr Nagabhushana Doggalli Reader, Dept. of Oral Medicine & Radiology	Willems method of age estimation in mysuru population	0.50	ICMR-STs	2 months	Submitted 18.02.2022
12	Principal Investigator Ms Sumukhi S Rao BDS student Guide: Dr B Nandlal Professor Dept. of Pedodontics &	Evaluating efficacy of remote site education by whats app using filmed version of brushing method in children with type 1 diabetes	0.50	ICMR-STs	2 months	Submitted 18.02.2022

	Preventive Dentistry					
13	Principal Investigator Ms Aston Varghese BDS student Guide: Dr Maurya M Lecturer Dept. of Public Health Dentistry	Oral Health status and quality of life among middle aged male smokers and non-smokers in mysore city-A comparative study	0.50	ICMR-STs	2 months	Sanctioned May-2022
14	Principal Investigator Ms Anju Vijayan Nair BDS student Guide: Dr Aruna G Lecturer Dept. of Periodontology	Expression of autophagy-5 protein in periodontal health and disease	0.50	ICMR-STs	2 months	Submitted 18.02.2022
15	Principal Investigator Ms Reshmitha R BDS student Guide: Dr Sushma R Lecturer Dept. of Public Health Dentistry	Influence of personal, social, environmental factors on adolescents consuming carbonated drinks and its effect on hard tissues of oral cavity	0.50	ICMR-STs	2 months	Submitted 18.02.2022

16	Principal Investigator Ms Suhani Jain BDS student Guide: Dr Sowmya H K Lecturer Dept. of Conservative Dentistry & Endodontics	Comparison of dentinal tubule occlusion of an herbal and non herbal mouthwash-A scanning electron microscopic study	0.50	ICMR-STs	2 months	Submitted 18.02.2022
17	Principal Investigator Ms Tejaswini Agarwal BDS student Guide: Dr Talwade priyanka Lecturer Dept. of Pedodontics & Preventive Dentistry	Impact of covid-19 on healthcare profession aspirants will the virus expedite the shortage of doctors in the country-A cross sectional survey	0.50	ICMR-STs	2 months	Submitted 18.02.2022
18	Principal Investigator Mr Abhinav P R BDS Student Guide: Dr Mahesh K P Reader, Dept. of Oral Medicine & Radiology	A comparative study between self controlled energetic neuro adaptive regulator and commercially available similar equipment in the management of orofacial pain	0.50	ICMR-STs	2 months	Submitted 18.02.2022

19	Principal Investigator Ms Disha R Jain BDS student Guide: Dr Girish M S Reader, Dept. of Pedodontics & Preventive Dentistry	Knowledge about oral health status during pregnancy and awareness of infant oral health among mothers in anti natal period	0.50	ICMR-STs	2 months	Submitted 18.02.2022
20	Principal Investigator Ms Annamaria Reeson Guide: Dr Annapoorna B M Professor Dept. of Conservative Dentistry & Endodontics	A prospective cohort study in patients with dental lesions during different gestation period in the province of mysuru	0.50	ICMR-STs	2 months	Submitted 18.02.2022
21	Principal Investigator Ms Dishani Halder BDS student Guide: Dr Chandrashekar B R Prof. & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing knowledge, practices on emergency management of tooth avulsion among Karnataka state road transport corporation employees in mysuru	0.50	ICMR-STs	2 months	Submitted 18.02.2022
22	Principal Investigator Ms Samyuka S Gowda BDS student Guide: Dr Sunitha S	Antimicrobial efficacy of essential oils of clove, tulsi and eucalyptus on smutans and lactobacillus in composition with 0.27 clohexidine - an in vitro experimental	0.50	ICMR-STs	2	Submitted 18.02.2022

	Reader, Dept. of Public Health Dentistry	study			months	
23	Principal Investigator Ms Akanksha Choudhary BDS student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluate and correlate the salivary vitamin D and salivary calcium and phosphorus levels in patients with dental caries in healthy male and female	0.50	ICMR-STs	2 months	Submitted 18.02.2022
24	Principal Investigator Ms Sreelakshmi M D BDS student Guide: Dr Shruti S Kumar Lecturer Dept. of Pedodontics & Preventive Dentistry	Estimation of salivary cortisol levels in children with mild to moderate hearing loss.	0.50	ICMR-STs	2 months	Submitted 17.02.2022
25	Principal Investigator Ms Aiswariya P BDS student Guide: Dr Avinash B S Reader Dept. of Periodontology	Comparison of reduction of dental plaque and gingivitis with and without visual aid instructions in orthodontic cases a randomized single blind clinical study	0.50	ICMR-STs	2 months	Submitted 17.02.2022

26	Principal Investigator Ms Lakshmeesha D BDS student Guide: Dr Shivananda S Lecturer Dept. of Pedodontics & Preventive Dentistry	Evaluation of the antibacterial efficacy of the essential oil of spilanter acmella on bacteria causing dental caries and periodontal disease - an in vitro microbiological array	0.50	ICMR-STS	2 months	Submitted 17.02.2022
27	Principal Investigator Ms Sandra Prasad Felix Cherukodath BDS student Guide: Dr Brinda Suhas Godhi Reader Dept. of Pedodontics & Preventive Dentistry	Anti-bacterial efficacy of alpinia officinarum against oral pathogen in comparison with commercially available mouthwash-an in vitro study	0.50	ICMR-STS	2 months	Submitted 17.02.2022
28	Principal Investigator Ms Samredhi Singh BDS student Guide: Dr Indira M D Lecturer Dept. of Pedodontics & Preventive Dentistry	Prevalence of early childhood caries among children born pre term - A cross sectional study	0.50	ICMR-STS	2 months	Submitted 17.02.2022

29	Principal Investigator Ms Akshitha Bhatt Yogaraj BDS student Guide: Dr Parinitha M S Reader, Dept. of Conservative Dentistry & Endodontics	To compare the effect of propolis varnish and green tea varnish on treatment of dentinal hypersensitivity. An in-vitro scanning electron microscope study	0.50	ICMR-STC (2022-06373)	2 months	Sanctioned June - 2022
30	Principal Investigator Ms Hima M Final BDS student Guide: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	A biomechanical reinforcement of PMMA denture based material with sericin and fibroin; A preliminary screening study	0.50	ICMR-STC	2 months	Sanctioned May - 2022
31	Principal Investigator Mr Swagatam Dhali BDS student Guide: Dr Anitha S Reader Dept. of Periodontology	Evaluation of migration inhibitory factor, (MDF) Level in gingival crevicular fluid and serum in periodontal health and disease with and without type-II diabetes	0.50	ICMR-STC	2 months	Submitted 16.02.2022

32	Principal Investigator Mr Arjun S BDS student Guide: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge	Analysis of associatin between oral hygiene, tooth loss among Alzheimer patients using montreal cognitive assessment and lactoperrin salivary biomarkers	0.50	ICMR-STS	2 months	Submitted 16.02.2022
33	Principal Investigator Ms. Anuharshitha Karanam Thinnapuram BDS student Guide: Dr Premalatha B R Reader, Dept. of Oral Pathology & Microbiology	Cheilosopic analysis of different ethnic population of south India –A cross sectional study	0.50	ICMR-STS	2 months	Submitted 16.02.2022
34	Principal Investigator Ms. Pragathi M H BDS Student Guide: Dr Chandan S N Reader Dept. of Oral & Maxillofacial Surgery	Prevalence of antibiotic resistance in odontogenic space infection	0.50	ICMR-STS	2 months	Submitted 04.02.2022
35	Principal Investigator Ms Kiruthika M IV BDS student Guide: Dr Anupama C Lecturer Dept. of Prosthodontics and Crown & Bridge	Prevalence of missing tooth and reasons for not replacing lost teeth: a cross-sectional survey among dental students and medical students	0.50	ICMR-STS	2 months	Submitted 03.02.2022

36	Dr Parvathi Sudeep PG Student Guide: Dr Paras Mull J Reader, Dept. of Conservative Dentistry & Endodontics	Apically extruded debris and canal cleanliness following retreatment of calcium silicate-based sealer and single cone obturation with XP-endo shaper and wave one gold with the without the use of supplementary instrumentation techniques: an in vitro comparative study	0.50	JSSAHER	1 Year	Submitted 08.08.2022
37	Dr Ankita Singh PG Student Guide: Dr Sunil Tejaswi Reader, Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of microhardness and color change of root dentin using punica greanatum (Pomegranate extract), sodium hypochlorite, chlorhexidine and normal saline as an endodontic irrigant - an in vitro study	0.67	JSSAHER	2 Years	Submitted 08.08.2022
38	Dr Kotha Naga Sai Maruti Venkanna Gupta PG Student Guide: Dr Annapoorna B M Prof., Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of dentine remineralization potential of different agents using QLF,SEM,DEX-An vitro study	0.88	JSSAHER	2 Years	Submitted 08.08.2022

39	Dr Akshay G PG Student Guide: Dr Parinitha M S Prof., Dept. of Conservative Dentistry & Endodontics	Effect of herbal antiozidant on push out bond strength of resin based composite to dentin after intracoronal bleaching – an invitro study	0.60	JSSAHER	2 Years	Submitted 08.08.2022
40	Dr Prakash P PG Student Guide: Dr Anilkumar G Prof., Dept. of Prosthoodontics and Crown & Bridge	Evaluation of ultraviolet light, dentifrices and tap water brushing techniques for disinfecting removable acrylic dentures - A comparative ex-vivo study	0.47	JSSAHER	2 Years	Submitted 08.08.2022
41	Dr Laura Anne Prisca Melba Albuquerque PG Student Guide: Dr Sunila B S Reader Dept. of Prosthoodontics and Crown & Bridge	Efficacy of chemically and biologically synthesized zinc oxide nanoparticles incorporated in soft denture liner against candida albicans - A comparative in vitro study	0.49	JSSAHER	2 Years	Submitted 11.07.2022
42	Dr M Anusuya PG Student Guide: Dr Ravi M B Reader Dept. of Prosthoodontics and Crown & Bridge	Incorporation of naturally obtained hydroxyapatite nanoparticles in resin luting cements and GIC to evaluate water sorption and solubility – an in vitro study	0.37	JSSAHER	2 Years	Submitted 18.05.2022

43	Dr Nikita Sebastian PG Student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluation and comparison of the efficiency of ultrasonically activated intracanal irrigants grape seed and pineapple extract in removing the smear layer from the apical third of the root canal: An in vitro SEM analysis	0.25	JSSAHER	2 Years	Sanctioned JSSAHER/REG/ RES/URG/54/2011- 12/2267/27.5.202 2
44	Dr Kritika Banerjee PG student Guide: Dr Sheelakumar G Prof., Dept. of Periodontology	Assessment of wound healing using MMP-8 levels in GCF of diabetics with chronic periodontitis after diode laser assisted flap surgery	0.534	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022
45	Dr Mirunalini Sundaravadivelu PG student Guide: Dr Chandrashekar B R, Dept. of Public Health Dentistry	Evaluation of sealant retention and caries prevention on first and second premolars and molars among 6-14 years old children-A double blind randomized split mouth trial.	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022
46	Dr Madhushree J T PG Student Guide: Dr Deepika P C	Evaluation of ocimum sanctum local drug delivery as an adjunct to scaling and root planning in the treatment of chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12 / 10392/15.2.2022

	Professor, Dept. of Periodontology					
47	Dr Priyanka Agarwal PG Student Guide: Dr Prathibha Shashikumar Reader, Dept. of Periodontology	Efficacy of Antimicrobial photodynamic therapy using indocyanine green as an adjunct to nonsurgical periodontal therapy in controlled type 2 diabetes mellitus patients with chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	3 Months	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12 / 10392/15.2.2022
48	Dr Jeessica PG Student Guide: Dr B Nandlal Prof., & HOD, Dept.of Pedodontics & Preventive Dentistry	Evaluation of remineralization of demineralized dentin of primary teeth using quantitative light induced fluorescence and scanning electron microscope study: An in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021
49	Dr Harshitha N PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of vitamin D oral gel in prevention and management of radiation induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021

50	Dr Romali Panda PG Student Guide: Jaishankar H P Reader, Dept. of Oral Medicine & Radiology	Serum vitamin B12 deficiency in metformin and non metformin treated type 2 diabetes mellitus patients: A comparative study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
51	Dr Renuka Devi K R PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of zinc sulfate mouthwash in managing patients with radiotherapy induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
52	Dr Soumee Sengupta PG Student Guide: Dr Ganesh S Reader, Dept. of Prosthodontics and Crown & Bridge	Comparative evaluation of antibacterial efficacy of red diode laser and 0.2% chlorhexidine against aggregatibacter Actinomycetemcomitans present on implant abutments – an ex-vivo study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
53	Dr Bharath S PG student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Antimicrobial efficacy of essential oils of clove, neem and cinnamon on streptococcus mutans and Lactobacillus acidophilus in comparison with 0.2% chlorhexidine - An in-vitro study	0.25	JSSAHER	9 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021

54	Dr Mirunalini Sundaravadivelu PG Student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing the knowledge, attitude and practices related to emergency management of dental trauma and tooth avulsion among ASHA workers in Mysuru district - An interventional study	0.20	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
55	Dr Shyla Dureja PG Student Guide: Dr Raghavendraswamy Prof., Dept. of Prosthodontics and Crown & Bridge	Effect of incorporation of reduced grapheme oxide nanoparticles on the mechanical properties of heat cured polymethylmethacrylate denture base resin material fabricated by conventional processing method : An in-vitro study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
56	Dr Dipasha Kirthi Rao PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Assessment of orthodontic treatment needs in individuals with sleep disordered breathing	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
57	Dr Saumya Upadhyay PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	A comparison of treatment effects produced by advansync and forsus fatigue resistant device in growing class II patients - An in vivo study	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021

58	Dr Anusha A Joshi PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Analysis and comparison of pharyngeal airway morphology and dentoskeletal changes following mandibular advancement with functional appliances in class II malocclusion with skeletal mandibular retrognathism: A CBCT study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021
59	Dr Aiswarya Balakrishna PG Student Guide: Dr B Nandlal HOD, Dept. of Paediatric & Preventive Dentistry	A Comparative Assessment of the efficacy of commercially available low concentration bleaching agents using quantitative light induced fluorescence in removing stains: an in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021
60	Dr Ashwini K P PG student Guide Dr Raghavendra Shanbhog Reader, Dept. of Paediatric & Preventive Dentistry	Efficacy of Self assembling peptide P 11-4 in constructing a remineralization scaffold on incipient enamel lesions on human enamel, used in combination with calcium phosphate based remineralization compounds: An in vitro study.	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021
61	Dr Arundhatee Banerjee PG Student Guide: Dr Seema Deshmukh Reader, Dept. of Paediatric & Preventive Dentistry	An In Vitro comparative evaluation of the efficacy of green tea and chia seeds extract as intra canal irrigant on smear layer removal and its effect on the microhardness of root dentine.	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021

62	Dr Contractor Inshiya Alazhar PG Student Guide: Dr Girish M S Reader, Dept. of Paediatric & Preventive Dentistry	An in-vitro evaluation of tooth discolouration and shear bond strength of Glass Ionomer cement bonded to tooth surface pre-treated with silver Diamine fluoride and Glutathione bio-molecule	0.25	JSSAHER	4 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
63	Dr Brindha M PG Student Guide: Dr Parasmull G Reader, Dept. of Conservative Dentistry & Endodontics	Effect of two universal bonding agents on fracture resistance, microleakage and fluoride release in class 2 MOD cavities of maxillary premolars restored with active bioactive-an in vitro comparative study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
64	Dr Raveena P John PG Student Guide: Dr Vinutha M Reader, Dept. of Conservative Dentistry & Endodontics	An in vitro comparative study of fluoride ion release from tooth coloured dental restorative materials using ion selective electrode and spectrophotometer	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021
65	Dr Ashique Navas K K PG Student Guide: Dr Annapoorna B M HOD, Dept. of Conservative Dentistry & Endodontics	Comparative Evaluation of Fracture resistance of varying thickness of peri-cervical dentin (PCD) reinforced with different obturation materials-an invitro study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/Dt 1.10.2021

External Funded Research Projects: Submitted

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
1.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Monitoring the effect of indoor air quality in dental healthcare units on the dental health professional and nurses.		ICMR	3 Yrs.	Submitted 15.7.2022	3
2.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Detection and classification of mandibular fracture on CT scan using deep neural network	10.00	BIRAC Ref. No. BT/AGCJC0144/01/22	6 Months	Submitted May-2022	3
3.	Principal Investigator: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Machine learning based smart mobile application for detecting clinical dental fluorosis	10.00	BIRAC Ref. No. BT/AGCJC0050/01/22	6 Months	Submitted May-2022	3
4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for debilitated bedridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/AGCJC0153/01/22	6 Months	Submitted May-2022	3

5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & B defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022	3
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022	3
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022	3

8.	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry Co-PI: Mr Jayachandran PP.	Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.	25.00	VGST	2 Yrs.	Submitted 22.02.2022	3
9.	Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillofacial Surgery	Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.	19.58	VGST	2 Yrs.	Submitted 23.02.2022	3
10.	Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Periodontology Co-PI: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Comparison of the efficacy of combination of punica granatum and citrus paradise herbal extract mouth rinse with chlorhexidine gluconate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study	1.00	ICMR	6 months	Submitted 19.02.2022	3

11.	Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Deep learning based system for automatic cephalometric analysis (Inter-institutional research project with SJCE)	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022	3
12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry	Core and shell type multi- functional YSZ based composite material for dental application	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022	3
13.	Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022	3

14.	<p>Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics</p> <p>Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy, JSSDC Prof., Aradya HV, JSSMC</p>	Investigation of <i>Hylicobacter pylori</i> in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021	3
15.	<p>Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge</p> <p>Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS</p>	Efficacy of infection responsive anti-candida thin film based zinc oxide nanomaterials in the management of denture stomatitis – a randomized controlled trial	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021	3
16.	<p>Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry</p> <p>Co-PI: Dr Prashanth Murthy Dr Deepti Thandaveshwara, JSSMC Dr RaviShankar SN Accreate Labs Private Limited, B'lore</p>	Assessment of effectiveness of 3D bioprinted feeding appliances on feeding practices and growth parameters in cleft lip and palate affected infants - A Randomized Controlled Trial	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021	3

17.	Principal Investigator: Dr Anitha S Reader, Dept. of Periodontology Co-PI: Dr Ravindra S, JSSDCH Dr Suneethshetty, JSSDCH Dr Vidyawathi Chitharagi, JSSMC Dr Prasanna H R, JSSMC Dr Tejashree A, JSSMC	Comparative Evaluation of the effects of photodynamic therapy versus diode laser on microbiota of endoperio lesions in type 2 diabetes patients	37.00	SERB Govt. of India	30 Months	Submitted 27.11.2021	3
18.	Principal Investigator: Dr Parasmull J Reader Dept. of Conservative Dentistry & Endodontics	Evaluation of the remineralisation potential of four toothpastes on artificially induced carious lesion – an in vitro pilot study	1.67	Dabur India Ltd.,	1 Yr.	Submitted Sept-2021 MOU on 1.12.2021	3
19.	Principal Investigator: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Oral Candidiasis, HIV, Tuberculosis and Coexistence of the trio- A prospective clinical study to investigate the potential of oral candidiasis in HIV patients as early diagnostic indicator of tuberculosis	29.00	ICMR-ITRC	3 Yrs.	Submitted August-2021	3

Funded Projects ongoing:

Title of the project	Scheme of the Project	Name of the Sanctioning Agency	Date Sanctioned
Design, synthesis, development of novel DprE1 enzyme inhibitors as anti-tubercular agents	ICMR (ad-hoc)	ICMR	29-08-2019
Synthesis, Characterization and Evaluation of Graphene Nanoribbons as a Carrier for Selective Estrogen Receptor Modulators for the Treatment of Breast Cancer	Ad-Hoc-Extramural	ICMR	04-01-2021
Development and evaluation of oral insulin drug delivery system using yeast cell	Seed Money	JSS AHER, Mysuru	19-10-2020
Rational design and synthesis of novel dual enzyme inhibitors as potential Anticancer agents.	JSSAHER Research Grant	JSS AHER	10-01-2022
Rational design and synthesis of novel dual enzyme inhibitors as potential Anticancer agents.	JSS AHER Research Grant	JSS AHER	01-10-2021
Pharmacological evaluation of palm oil mill effluent derived beta-carotene and astaxanthin in experimental models of diabetic retinopathy"	FRGS 2021 GRANT	Fundamental Research Grant Scheme(FRGS), Malaysia	07-09-2021

Consultancy Activities:

Name of Coordinator	Department	Name of the Company	Title of the Project	Date of Initiation	Duration of the Project
K L Krishna	Pharmacology	Govt. Ayurvedic Medical College & Hospital, Mysuru	Evaluation of shodhana effect on Arsenic compound with special reference to Gouripashana by physicochemical characterization and Toxicity study in Albino rats	9/6/2021	01 Year
K L Krishna	Pharmacology	Govt. Ayurvedic Medical College & Hospital, Mysuru	Comparative evaluation of Ghrita and Purana Ghrita with reference to memory enhancing activity in Swiss Albino Mice	9/6/2021	01 Year
K L Krishna	Pharmacology	M/S Duosis Bioscience Pvt. Ltd	Development and evaluation of topical preparation using test substance provided by the sponsor (Analytical & stability studies, acute dermal toxicity studies of developed formulation)	12/8/2021	3 Months

Patents:

Sl. No	Title of the patent Published	Application No	Name of Inventors	Filed / Published Granted Date
01	A sprayable liquid pharmaceutical formulation for in situ film-forming and a process thereof	202241005026	Amit B Patil, Nabil AMA, Vishal B R, G.L. Gayathri	Published 04/02/2022
02	A stable and rapidly disintegrating orodispersible film formulation and a process thereof	202241004680	Amit B Patil, Mahesh K P, Suraj S, Prasad Rao, Aparna V M	Published 04/02/2022
03	Synthesis and <i>in silico</i> studies of novel Anti-SARS-COV sulfonamides as Potential inhibitors against covid-19 protein target: SARS-COV-2 main protease (M PRO)	WO2022/049567	Chandan R S , Al-Sehemi Abdullah G, Chinnam Sampath, Pannipara Mehboobali, Yallur Basappa C, Chigurupati Sridevi, Gowda B H Jaswanth, Paul Karthika, Vardharajula Venkata Ramaiah	Published 10/03/2022
04	Intermediates And Processes to Prepare Micafungin	392854	H Yogish Kumar, Alaparathi Lakshmi Prasad, Mantri Anand Vijaykumar; Huchanna Yogish Kumar; Chowdary Talluri Bhushaiah; Kulkarni Gaurav, Vasanthakumar Ganga Ramu	Filed 07/10/2014 Granted 23/04/2022
05	A stable and solid self-nano emulsifying drug delivery system and a process thereof		Dr. Balamuralidhara V, Vinod Kumar Yadav, Hosahalli Veerabhadrapa Gangadharappa	Filed 22/12/2021

Textbooks Published

Textbook / Chapter Title	Name of the Author at JSSCPM	Textbook Title	Edited By	Name of the Publisher	ISBN of Textbook
"Therapeutic investigation of ginsenoside Rb1 and phosphoramidon (endothelin converting enzyme inhibitor) in the zebrafish model of diabetic retinopathy"	Paramakrishnan Nallupillai	Advances in Medicine and Biology	Leon V. Berhardt (Ed.)	Nova Science Publishers INC., Newyork, USA	978-1-53618-148-7
Lipid-Based Nanocarriers as Drug Delivery System and Its Applications	Dr. Vikas Jain	Nanopharmaceutical Advanced Delivery Systems	Vivek Dave Nikita Gupta Srijia Sur	John Wiley & Sons, Inc.	9781119711698
Novel Targets for Parkinson's disease, PPAR- γ Agonist could be the Future Therapeutics?	Shreyas Ayachit, K.L. Krishna, Sneha Desai, Nandini HS and Seema Mehdi	Recent Research in Pharmaceutical Sciences	Dr. Shwetha Sharma	weser Books	978-3-96492-262-5
Study on Designing and Quality Aspects of Aseptic Process Simulation	S. Hemanth Kumar Teja Sri Maddirala T. Shailesh M. P. Gowrav D. V. Gowda	Technological Innovation in Pharmaceutical Research Vol. 7	Dr. Ashish Anand	B P International	978-93-91312-72-5

Huntington's Chorea: A Review on Pathogenesis and Biomarkers	Desai Sneha, Krishna KL, Ayachit Shreyas, Nandini HS and Seema Mehdi	Recent advancement in Pharmaceutical sciences	Dr. Chhavi Singla	AkiNik Publications	978-93-91216-76-4
A Textbook of Novel Drug Delivery Systems	Mahendran B	A Textbook of Novel Drug Delivery Systems	S. Vikas	PV Books, Jalandhar, Punjab	97815-43345-21-6
Flora of JSS College of Pharmacy, Mysuru	Dr.J.Suresh & Ms.G.Haripryia	Flora of JSS College of Pharmacy, Mysuru	Dr.J.Suresh	JSSCPM	NA
Biostatistics With Its Applications to Epidemiological Study	Panchaksharapa GOWda D.H	Applied Statistics With Its Applications in Epidemiological Studies	Panchaksharappa Gowda	BSP Books Pvt. Ltd	978-93-90211-70-8
Cumin (Cuminum cyminum L.)	1. Rajput R.P.S., Paramakrishnan N., Gangadharappa H.V.	Oilseeds: Health Attributes and Food Applications	Tanwar B., Goyal A	Springer, Singapore	978-981-15-4193-3
Flora of JSS College of Pharmacy, Mysuru	Dr.J.Suresh, Ms Hari Priya	Flora of JSS College of Pharmacy, Mysuru	Dr.J.Suresh	NA	NA
Artificial Intelligence in Biomedical Image Processing	Dr. T. Durai Ananda Kumar	Machine Learning and Systems Biology in Genomics and Health	Shailza Singh	Springer	978-981-16-5993-5
Pharmaceutical Organic Chemistry for First Pharm D	NL Naishima and BR Prashantha Kumar	Pharmaceutical Organic Chemistry for First Pharm D Students	BR Prashantha Kumar	Amazon	9798413481622

Antivenom plants of Karnataka	Dr.J.Suresh, Ms.HariPriya, Mrs. Hamsalakshmi, MS.Ann Maryia Alex,Ms.Divya,Ms.Kavya,Mr .Manjunath	Compendium on Antivenom plants of Karnataka	Dr.J.Suresh	JSS College of Pharmacy, JSSAHER Mysuru-15	-
Pharmaceutical Organic Chemistry - I for 2nd Semester B. Pharm Students	Dr. Sheshagiri Dixit, Dr. H. Yogish Kumar, Dr. B. R. Prashantha Kumar	Pharmaceutical Organic Chemistry - I for 2nd Semester B. Pharm Students	Amazon KDP	Amazon KDP	8423340865
Introduction to Toxicological Screening Methods and Good Laboratory Practice	Dr. Saravana Babu C	Introduction to Toxicological Screening Methods and Good Laboratory Practice	NA	Springer	978-981-16- 6092-4
Graphene Nanoribbons, Fabrication, Properties, and Biomedical Applications	Asha P. Johnson, H. V. Gangadharappa	Advanced Nanocarbon Materials	Sarika Verma, Raju Khan, Avanish Kumar Srivastava	CRC Press	9781003110781
Pharmaceutical Analysis	Dr. Chandan R S	Pharmaceutical Analysis for Third Year Pharm D	Dr. Sanjay G Walode	Nirali Prakashan	978-93-54513- 95-4
Drug Design A Conceptual Overview	Dr. T. Durai Ananda Kumar	Drug Design A Conceptual Overview	Dr. T. Durai Ananda Kumar	CRC Press, London	9781003298755

Apropos and future prospects of bionanocomposites in food packaging applications	Dr Riyaz Ali M Osmani	Bionanocomposites for Food Packaging Applications	Prof. Shakeel Ahmed	Elsevier	978-0-323-88528-7
Bionanocomposites in food packaging applications and their risk assessment for public health	Dr Riyaz Ali M Osmani	Bionanocomposites for Food Packaging Applications	Prof. Shakeel Ahmed	Elsevier	978-0-323-88528-7
Fundamental of Organization Behavior	Dr U R Rakshith	Fundamental of Organization Behavior	Varun Mishra	Book Rivers	978-93-5515-161-2
A traditional approach to manage depression - emphasizing on medicinal herbs and phytochemicals as anti depressants	Seema Mehdi, Dr.K L Krishna	Medicinal and aromatic plants of the world	Munir Ozturk	UNESCO-EOLSS	NA
Targeting triple-negative breast cancers using nanomedicine	Rupshee Jain	Targeted nanomedicine for Breast cancer Therapy	Shivani Rai Paliwal and Rishi Paliwal	Academic Press	9780128244760
Chapter 9 - Targeting triple-negative breast cancers using nanomedicine	Dr. Vikas Jain	Targeted Nanomedicine for Breast Cancer Therapy	Shivani Rai Paliwal, Rishi Paliwal	Academic Press	9780128244760

PUBLICATIONS ALIGNING TO THIS GOAL

PUBLICATIONS

1. Dr Subramanian R., Siddarth D N., Madhan Ramesh., Atiqulla Shariff., P Niharika., Sujit Kumar Sah., Bilesh Shakya., Dr Suresh Babu Aceclofenac-induced drug reaction with eosinophilia and systemic symptoms syndrome; *Journal of Pharmacology and Pharmacotherapeutics*; 2021 Jul 1; 12(3); 144-146.
2. Dr Babu A.R., Dr Prakash B.G., Dr (Col) T S Vasan., Sunena Saju Anatomical Variations of Sphenoid Sinus in South Indian Population: All That You Need for Trans-Sphenoidal Pituitary Surgery; *Indian Journal of Otolaryngology and Head & Neck Surgery*; 2021 Aug 3; 1-5.
3. Roshan Iqbal., Dr Harsha S., Siddarth S Joshi., Dr Nemichandra S.c., Shasthara Paneyala., Dr Akila Prashant., K Vimala Christina Colaco Assessment of Alteration of Serum Adiponectin Levels in Migraineurs: An Interventional Case Control Study; *Annals of Neurosciences*; 2021 Jul; 27(3-4); 148-152.
4. Lena Palmberg., Dr Jayaraj B S., Vivek Vardhan Veerapaneni., Dr Rajesh Kumar Thimmulappa., Koustav Ganguly., Tania A Thimraj., Swapna Upadhyay., Dr Mahesh P.A., Lokesh K S., Dr Chaya S.K. Circulating Secretoglobulin Family 1A Member 1 (SCGB1A1) Levels as a Marker of Biomass Smoke Induced Chronic Obstructive Pulmonary Disease; *Toxics*; 2021 Sep; 9(9); 208.
5. Dr Mahesh P.A., Ashwaghosha Parthasarathi., Sunag Padukudru., Mamidipudi Thirumala Krishna Clinical characterization of asthma with fungal sensitization in a South Indian paediatric cohort; *Clinical & Experimental Allergy*; 2021 Nov 4.
6. Jeswanth Reddy N., Dr Kiran H.S., Dr Basavana Gowdappa H., Dr Subhash Chandra B.J Comparison of Pocket Pulse Oximeter and Standard Pulse Oximeter With ABG Analysis in Critically Ill Patients; *Sudan Journal of Medical Sciences (SJMS)*; 2021 Dec 31; 16(4); 509-518.
7. Jahagirdar, Deepa; Walters, Magdalene K.; Novotney, Amanda; Brewer, Edmond D.; Frank, Tahvi D.; Carter, Austin; Biehl, Molly H.; Abbastabar, Hedayat; Abhilash, E. S.; Abu-Gharbieh, Eman; Abu-Raddad, Laith Jamal; Adekanmbi, Victor; Adeyinka, Daniel Adedayo Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990–2019, for 204 countries and territories: the Global Burden of Diseases Study 2019; *The Lancet HIV*; 2021 Oct 1; 8(10); 633-651.
8. Reshma Raju., Namratha Ravishankar., Dr Vijaya B. Histopathological Spectrum of Cutaneous Basal Cell Carcinoma-An 11 Year Retrospective Study in a Tertiary Care Hospital in Southern Karnataka; *Journal of Clinical & Diagnostic Research*; 2021 Oct 1; 15(10); 6-10.
9. Bubu A Banini., Cristina Alonso., Dr. Divya P. Kumar., Pierre Bedossa, Banini BA, Cazanave S, Seneshaw M, Mirshahi F, Santhekadur PK, Wang L, Guan HP, Oseini A, Alonso C, Bedossa P, Koduru SV. Identification of a metabolic, transcriptomic and molecular signature of PNPLA3-mediated acceleration of steatohepatitis; *Hepatology (Baltimore-Md.)*; 2021 Nov 1;
10. Samaksha, P. B.; Ramesh, M.; Kishor, M. IMPACT of Clinical Pharmacist-Initiated Medication Information Services Among Psychiatric Patients; *Value in Health*; 2021 Jun 1; 24:S135-S135.
11. Sahadevan S., Kurian N., Mani A.M., Kishor M.R., Menon V. Implementing competency-based medical education curriculum in undergraduate psychiatric training in India: Opportunities and challenges; *Asia-Pacific Psychiatry*; 2021 Dec 7; 13(4); e12491.
12. Venkataramana G Venkatareddy., Pradhi Rajeev., Dr Rajesh Kumar Thimmulappa., Tarun Gupta., Sumit K Dey., Kavya Sugur Lipid peroxidation index of particulate matter: Novel metric for quantifying intrinsic oxidative potential and predicting toxic responses; *Redox biology*; 2021 Dec 1; 48; 102-189.
13. Dr Mahesh P.a. Local Burden of Disease HIV Collaborators ladwyer@uw.edu. Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems; *Bmc Medicine*; 2021 Dec; 19(4); 1-25.

14. Dr Subramanian R., Nidhal A Amanullah., Muath Alammar., Dushad Ram Positive Emotion Induction for Pain Associated with Rheumatoid Arthritis-A Quasi-Experimental Study;Journal of Clinical & Diagnostic Research;2021 Aug 1;15(8);1-4.
15. Eric Bateman., Amund Gulsvik., Li-cher Loh., Christine Jenkins., Mohamed Al Ghobain ., Peter Burney., Mahesh Padukudru Anand., Ali Kocabas., Hamid Hacene CherkaskiBurney P, Patel J, Minelli C, Gnatiuc L, Amaral AF, Kocabaş A, Cherkaski HH, Gulsvik A, Nielsen R, Bateman E, Jithoo A. Prevalence and population-attributable risk for chronic airflow obstruction in a large multinational study;American Journal of Respiratory and Critical Care Medicine;2021 Jun 1;203(11);1353-1365.
16. Shivanagappa M., Kumararadhya G.B., Thammaiah S.H., Swamy A.H.M., Suhas N. Progress of labor and obstetric outcome in parturients with combined spinal–epidural analgesia for labor: A comparative study;Annals of African medicine;2021 Oct;20(4);270-275.
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