

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

COMPENDIUM ON SDG-9

Industry, Innovation and Infrastructure

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



2023-24

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Introduction:

Building Resilient Infrastructure, Promoting Sustainable Industrialization, and Fostering Innovation

SDG 9 is a cornerstone of sustainable development, focusing on creating resilient infrastructure, promoting sustainable industrialization, and fostering innovation. These elements are essential for driving equitable access to basic services, enabling economic growth, and addressing global challenges.

Building Resilient and Sustainable Infrastructure:

Developing robust and sustainable infrastructure is key to ensuring that everyone has equitable access to essential services. In recent years, significant progress has been made globally, including in India, with initiatives such as the **Bharatmala Project** and the **Sagarmala Initiative** aimed at enhancing road networks and port connectivity. Despite these advancements, disparities in infrastructure accessibility persist, particularly in rural and underserved areas. Continued efforts are necessary to close these gaps and ensure that infrastructure development is inclusive and sustainable.

Fostering Sustainable Industrial Growth:

Balancing economic growth with environmental sustainability is a complex but necessary endeavour. The transition towards cleaner production methods and the efficient use of resources is progressing, as seen in India's emphasis on **green manufacturing** and the promotion of **eco-friendly technologies** under the ****National Manufacturing Policy****. However, the transformation of industries and supply chains into sustainable models remains a challenge globally. Policies like the **European Union's Green Deal** and India's **National Action Plan on Climate Change (NAPCC)** are crucial in driving this shift. Collaborative efforts between governments, businesses, and communities are vital for accelerating this transition.

Promoting Innovation for Sustainable Development:

Innovation plays a pivotal role in developing solutions to economic, social, and environmental challenges. Globally, there has been a surge in technological advancements in renewable energy, digital connectivity, and healthcare. India has become a hub for innovation, with initiatives such as **Startup India*** and the **Atal Innovation Mission** fostering a vibrant ecosystem for technological development. Investment in research and innovation is crucial to achieving breakthroughs that can drive sustainable development.

Integrated Strategies for Achieving SDG 9:

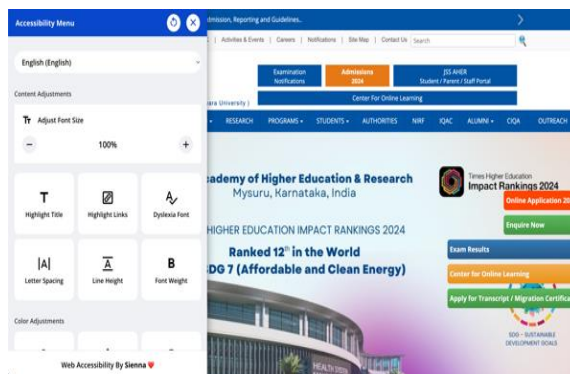
To achieve SDG 9, integrated strategies that strengthen infrastructure, transform industries, and boost innovation are essential. India's focus on **Digital India** and global efforts like the **United Nations Industrial Development Organization (UNIDO)** initiatives are examples of how infrastructure, industry, and innovation can be interconnected to build resilient economies and societies. Sustainable technologies, equitable access to resources, and comprehensive policies are needed to ensure that the benefits of these developments are widespread and inclusive.

By bringing together these critical elements—resilient infrastructure, sustainable industrialization, and innovation—we can build a future where prosperity is achieved through sustainable means. The promise of SDG 9 can be realized with concerted global and local action, ensuring a better world for all.

Campus facilities for students

We have implemented a range of campus facilities designed to enhance the student experience and ensure that their time on campus is enriching and productive.

1. **Green Campus Initiatives:** It promotes sustainability and an eco-friendly environment. We restrict automobile entry to reduce carbon emissions, providing electric and battery-powered vehicles for on-campus transport. Pedestrian-friendly pathways encourage walking, and a strict ban on plastics supports waste reduction. The campus is beautifully landscaped with trees and plants, enhancing its natural beauty and serenity. Additionally, students are encouraged to use bicycles for a sustainable and healthy mode of transportation.
2. **Internet Browsing Facilities:** Students can access the Internet at various locations across the campus, including digital libraries, meeting rooms, and hostel reception areas. This ensures easy access to digitized curricula and online resources.
3. **Bank Branch and ATM:** The campus has its own bank branch and ATM, offering convenient on-site banking services to meet students' financial needs.
4. **Canteens & Restaurants:** Strategically located canteens and restaurants are available to serve both students and parents, providing a variety of dining options that offer convenience and satisfaction.
5. **Well-Equipped Laboratories:** Each department on campus is equipped with state-of-the-art laboratories, ensuring that students have the practical resources needed for hands-on learning in their respective fields.
6. **Parking Facilities:** Dedicated parking lots are available for students and faculty, offering ample space for vehicles and cycles and streamlining campus transportation.
7. **24-Hour Security Service:** A round-the-clock security service is in place to maintain a safe and secure environment for all students and staff.
8. **Gymnasium:** A modern gymnasium is available to students and staff, promoting fitness and a healthy lifestyle within the campus community.
9. **Assistive Technology and Accessibility for Divyangjan:** The campus has comprehensive assistive technology and facilities to ensure accessibility for Divyangjan (persons with disabilities). This includes wheelchairs, ramps, disability-friendly washrooms, and an accessible website with screen-reading software and other mechanized equipment.





Inclusive and sustainable industrialization, together with innovation and infrastructure, can unleash dynamic and competitive economic forces that generate employment and income. They play a key role in introducing and promoting new technologies, facilitating international trade and enabling the efficient use of resources.

The Goal is to build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.




A functioning and resilient infrastructure is the foundation of every successful community. To meet future challenges, our industries and infrastructure must be upgraded. For this, we need to promote innovative sustainable technologies and ensure equal and universal access to information and financial markets. This will bring prosperity, create jobs and make sure that we build stable and prosperous societies across the globe.

Status in India

- 111 million people employed in micro, small and medium enterprises produce 33% of the manufacturing output
- 566 million internet subscribers (mobile and landline)
- Mangalyaan is the world's least expensive interplanetary mission to mars

GDP growth averaged 7.2% between 2018-2019

FACULTY DEVELOPMENT PROGRAMME [FDP] ATTENDED BY FACULTY

Sl. No.	Name & Designation	Title of the programme	Date, Name of the Institution & Place	Copy of Certificate & Photos (jpg format)
1	Dr Vidya C S	Innovative Teaching Strategies and Tools in the Digital Age	03/01/2024 to 09/01/2024, Scrollwell and Lyallpur Khalsa College Kapurthala, Punjab	
2	Dr. Vinutha S P Assistant Professor, Anatomy	“Innovative Teaching Strategies and Tools in the Digital Age”	03/01/2024 to 09/01/2024, Scrollwell and Lyallpur Khalsa College Kapurthala, Punjab	
3	Dr Anil Kumar M R, Professor, Dr Anup N R, Asst Professor Dr Sarika M Shetty, Asso. Professor, Dept of Anesthesiology	7 days - Innovative teaching strategies and tools in the digital age	Jan 3rd to Jan 9th 2024, JSS Medical College	

PROGRAMME CONDUCTED
(CME / Workshop / Conference / Seminar / Symposium / Quiz)

Theme – Accelerating Progress Towards a TB-free World: Innovations, Challenges and Solutions - 22nd, 23rd, 24th November 2023 by Comm. Medicine

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



Tuberculosis (TB) is a significant cause of ill health and death worldwide. The sharing of knowledge, best practices, innovations, and strategies through scientific platforms is essential for policy-making and program implementation for prevention and control of Tuberculosis. International Tuberculosis Conclave-2023 aimed at bringing together experts from around the world to share information and best practices on preventive, diagnostic, and therapeutic advances in TB.

More than 500 delegates from various parts of India and overseas and 34 renowned resource persons from reputed institutes in India and abroad participated. The conference provided an academic feast, and exchange of scientific ideas through scientific presentations and interactions. There were sessions on critical thinking to overcome the existing challenges.

Day 1: 22nd Nov 2023

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

Day 2: 23rd Nov 2023

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

The day started with a session on Tuberculosis: the path travelled from ‘control to the ambition of ‘elimination’ by Dr Somashekar N, Director, National Tuberculosis Institute (NTI), Bengaluru followed by a session by Dr. Anil S, Deputy Director, TB STO, Karnataka State, Bengaluru, Karnataka on Management of DS TB, Role of steroids and Adverse Drug Reactions of ATT.

The inauguration of the conclave was held at 10.30 am at Sri Rajendra Auditorium, JSS Medical College, Mysuru where Dr Sunil Kumar D, Organizing Chairman formally welcomed the gathering. This was followed by lighting the lamp by Dr Salil Bhargava, Dean, Gandhi Medical College, Bhopal who was the Chief Guest. He also, while releasing the E-Souvenir of the conclave, highlighted the importance of conducting a conference at the International level, stressed on addressing co-morbidities like malnutrition, and also highlighted initiatives of the government like TB Mukth Gram Panchayat.

Hon'ble Sri Bhagwanth Khuba, Minister of State for Chemicals, Fertilizers, New and Renewable Energy, Govt of India highlighted the efforts of the current Govt of India towards TB elimination. He ended on a positive note with 'TB Harega, Bharat Jeetega'. Hon'ble Sri A Namassivayam, Minister for Home, Electricity, Education, Industries & Commerce, Govt of Puducherry presided over the ceremony. He highlighted the challenges of TB and tackling the disease towards elimination and efforts of the present government towards TB Mukth Bharath. Dr. B. Suresh, while addressing the august gathering appreciated the efforts of both the departments in the past and extended his support for TB elimination in the future as well.

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji graced the occasion. His divine benediction addressed the issues of tuberculosis and how it affects the families and the role of stakeholders towards its elimination.

Dr.C.G.Betsurmth, the Executive Secretary of JSS Mahavidyapeetha, Dr.B.Suresh, Pro-Chancellor and Dr Surinder Singh, Vice Chancellor, Dr B Manjunatha, Registrar, JSS Academy of Higher Education & Research were the Guests of Honour. Dr Rajendra Panduranga Joshi, DDG, Central TB division, Ministry of Health and Family Welfare, Govt. of India, Dr Suma M N, Vice Principal, Dr Praveen Kulkarni, Vice Principal, Dr Jayraj, Professor and Head, Dept. of Respiratory Medicine were present. Dr Nayana Shabadi, Organizing Secretary proposed the vote of thanks. Dr Sunitha Singh and Dr Shwetha Kurkuri, Assistant Professors, Department of Community Medicine compered the whole event.

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

Day 3: 24th Nov 2023

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

Pediatrics, Karnataka Institute of Medical Sciences, Hubballi and Community Engagement in TB management by Dr. Ramya Anathakrishnan, Director at REACH (Resource group for Education and Advocacy for Community Health) India.

First session post lunch was by Prof. Nimalan Arinaminapathy, Faculty of Medicine, School of Public Health Professor in Mathematical Epidemiology Imperial College of London, UK on Mathematical Model Analysis – best utilization in achieving END TB goal. This was followed by a session on **Role of TB preventive therapy in TB Prevention by Dr Shazia Anjum, WHO, State Consultant, NTEP, Karnataka and another session on Tuberculosis Prevalence survey (National & Sub National) by Dr Leebek Raja I, Scientist- E, ICMR- National Institute for Research in Tuberculosis, Chennai Dept. of Health Research, Ministry of Health & Family welfare. The technical session for the day concluded with the last session on Successfully Eliminating TB through Quality Improvement-PDSA by Dr. Manoj Jain, MD MPH Rollins School of Public Health, Emory University -Atlanta.** The conference ended with valedictory function. The winners of various events were distributed prizes.

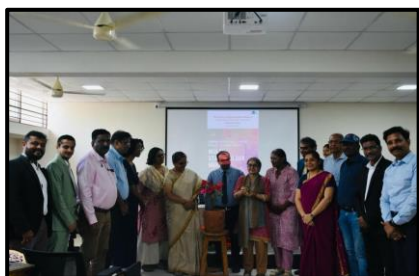
ONE-DAY WORKSHOP – MAGICC (Medical Hackathon Aimed towards Groundbreaking Innovation from Concept to Commercialization) – 28-07-2023

The Institution Innovation Council of JSS Medical College organised a one-day workshop MAGICC (Medical Hackathon Aimed towards Groundbreaking Innovation from Concept to Commercialization), for MBBS students to introduce healthcare innovation and entrepreneurship to aspiring medical professionals. Dr.Praveen Kulkarni, the Vice Principal, inaugurated the event, emphasising the importance of innovation in healthcare and encouraging students to submit their ideas to the YUKTHI portal for potential funding. Dr Shwethashree M, Assistant Professor of Community Medicine at JSSMC, led the Conceptualisation session, where students explored the



Creation and Prototyping phase, guided by Mr Samyak Shah, representing 3 ZERO 3D PRINTING. After a refreshing tea break, Dr Raju C, a distinguished Professor from IIM Kozhikode, provided insights into the commercialisation aspect of healthcare innovation. Dr Balamuralidhara V, an Associate Professor & HOD at JSS College of Pharmacy, Mysuru, conducted a post-lunch session on Intellectual Property Rights. The workshop's highlight was Session 5 - an enthralling Incubation Center Tour by Mr Praveen Kumar of SPARKLE CINE TEAM. Students had the opportunity to interact with real-life startup founders and healthcare innovators during the tour, which showcased cutting-edge technologies and inspiring success stories in healthcare innovation. The day concluded with a Q&A session, where participants sought clarifications and advice from the experts.

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



The Ambari Sickle Cell Disease Health System Project was organised by The School of Public health. The main agenda of the gathering revolved around a thorough examination of the Government of India's policy blueprint aimed at eliminating sickle cell disease (SCD). Attendees were divided into five separate groups, each assigned to assess various aspects of the policy, including infrastructure, human resources, governance, and health system information systems.

The inauguration ceremony featured a symbolic plant-watering ritual, signifying the event's commitment to growth and revitalization. Subsequently experts, delivered insightful introductions, drawing from their

extensive expertise and perspectives, setting the stage for a comprehensive and enlightened dialogue. Esteemed experts and dignitaries from across the globe convened for this assembly, including individuals such as Dr.Tulika Seth, Dr.Dipty Jain, Dr.Nandakumar Menon, Dr.Prantar Chakrabarti, Zoho corporation Chennai, , Mr.Gautam Dongre, Secretary, National alliance of Sickle cell organization (NASCO), and Dr.Tanya Seshadri, Director of Tribal Health Resource Centre, Vivekanand Girijana Kalyana Kendra, Additionally, noteworthy contributions were made by Dr.Staci Arnold, Associate Prof, Emory School of Medicine and Dr.Giriraj R Chandak, Scientist F, Centre of Cellular & Molecular Biology, Hyderabad.

Panel discussions underscored essential approaches vital for the efficient handling and elimination of Sickle Cell Disease (SCD). These strategies encompassed the elevation of public consciousness, the utilization of digital innovations for enhanced communication, the validation of screening and diagnostic techniques, and the formation of supportive frameworks within indigenous populations. Moreover, there was a suggestion to adopt a Public-Private Partnership (PPP) model as a pivotal strategy, aiming to leverage combined capabilities for substantial progress in addressing SCD. The event concluded with a comprehensive presentation of strategic recommendations covering short, mid, and long-term initiatives drawn from the discussions, presenting a cohesive strategy for addressing



Sickle Cell Disease (SCD). Concluding statements, provided by the faculty of the School of Public Health, conveyed deep appreciation to all participants for their invaluable insights and collaborative contributions. This gathering not only tackled the urgent challenges in SCD elimination but also outlined actionable plans, emphasizing a commitment to devising effective solutions through coordinated efforts and common goals.



Following the successful conclusion of the event a feedback session was conducted to gather insights, opinions, and suggestions from the participants. The purpose of this session was to assess the effectiveness of the event, identify areas of improvement, and gather feedback to enhance future events. The feedback session was attended by a diverse group of participants, including stakeholders, organizers, speakers, and volunteers who contributed to the success of the event. The session aimed to capture perspectives from various individuals involved in different capacities. The feedback session provided valuable insights and suggestions for enhancing future events. The organizers carefully reviewed the feedback received and incorporate relevant suggestions to improve the overall experience for participants.

Day 2:

DATE: 06.03.2024

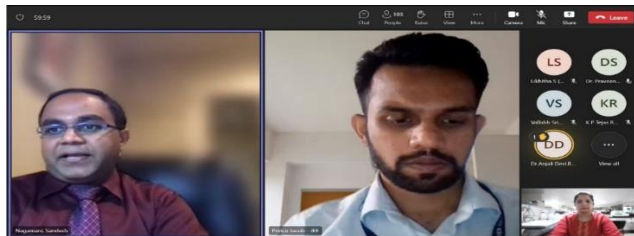
MEETING ON AMBARI SICKLE CELL DISEASE HEALTH SYSTEM PROJECT SICKLE CELL DISEASE CARE: PANEL DISCUSSION WITH NATIONAL MENTORS

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



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

Department of Medical Genetics, JSS Medical College, Mysore conducted an online guest lecture on 30-01-2024 on the topic of Urea cycle disorders- Treatment and Therapeutic modalities. The resource personnel for this lecture was our alumni of MBBS 1999 Batch, Dr. Sandesh C.S. Nagamani, Professor, Department of Human and Molecular Genetics, Baylor College of Medicine, Texas, USA. We got connected to him through an interaction at American Society of Human Genetics conference (2023) with Dr. Prince Jacob (Assistant Professor, Department of Medical Genetics). Prof. Nagamani humbly accepted our request for the lecture and delivered the talk to 140 participants which included faculties and students of Department of Medical Genetics and Biochemistry. He answered the queries of participants after the talk as well. We look forward to successful consecutive engagements and collaboration with his team of Baylor college of Medicine in the future.



ASCLEPIUS 2023 - 20th & 21st Sept.2023

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

Asclepius 2023, an annual flagship event, proved to be a triumph of knowledge exchange and collaborative learning. The conference aimed at providing a platform for medical enthusiasts to engage in insightful discussions, enhance practical skills, and explore the latest advancements in the field.

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

Hands-on experiences were a cornerstone of Asclepius 2023, with workshops covering essential topics such as basic surgical skills, life support techniques, forensic medicine, and ultrasound-guided nerve blocks. These sessions provided participants with practical insights and a platform to refine their clinical skills under the guidance of seasoned professionals.

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

A significant emphasis was placed on intellectual exchange through paper and poster presentations. Participants had the opportunity to share novel research findings, discuss clinical cases, and engage in thought-provoking discussions on diverse topics.

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

Asclepius 2023 concluded with a resounding success, leaving participants with enriched knowledge, lasting memories, and a sense of camaraderie. The conference not only achieved its goal of advancing medical education but also laid the groundwork for future editions, promising continued excellence in fostering learning and collaboration within the medical community.



Programs aligning to SDG 9

Institutional Innovation Council Workshop Report

Workshop Title: Know About 3D Printing from Preprocessing to Post Processing

Date: August 5, 2023 **Time:** 10:00 AM - 1:00 PM **Location:** Ravivarma Art Institute, Mysore

Participants: 25



The Institutional Innovation Council organized an innovation outreach program in the form of a workshop titled "Know About 3D Printing from Preprocessing to Post Processing" on August 5, 2023, at the Ravivarma Art Institute in Mysore. This workshop was tailored for educators and students specializing in visual arts, including various art forms such as paintings and sculptures. The event aimed to provide participants with insights into the applications of 3D printing in the realm of visual arts.

Resource Faculty:

The workshop featured Dr. Shyam Sundar, Reader, Department of Oral and Maxillofacial Surgery, JSSDCH, JSSAHER as the resource faculty, with Dr. Abraham Rajiv assisting in the workshop's organization and coordination.

Workshop Content:

The workshop commenced at 10:00 AM and continued until 1:00 PM. It encompassed a comprehensive exploration of 3D printing, spanning from preprocessing to post-processing techniques.

Interactive Audiovisual Presentation (10:00 AM - 11:00 AM):



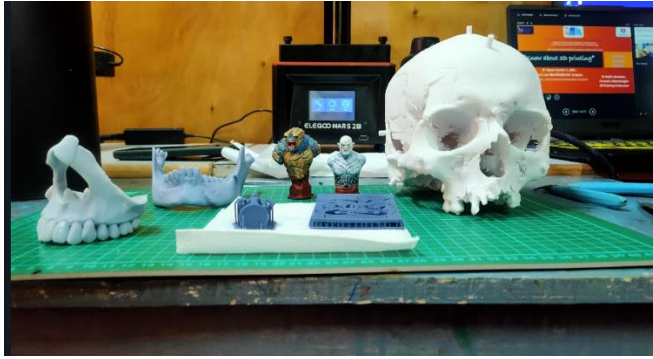
Dr. Shyam Sundar's session during the workshop was a captivating exploration of the intersection between 3D printing technology and the world of visual arts. With his expert guidance, participants delved deep into the fundamental principles of 3D printing, grasping its additive manufacturing process and how it diverged from traditional artistic methods. Dr. Sundar's presentation was enriched with an array of real-world case studies, showcasing how artists, sculptors, and educators had harnessed 3D printing to transcend creative boundaries. He stressed that 3D printing was not just a tool but a catalyst for imagination, encouraging attendees to push their artistic visions beyond traditional constraints. Through interactive discussions and a focus on inclusivity, Dr. Sundar illuminated how 3D printing could democratize art, foster collaboration, and inspire future artistic endeavors. As participants left the session, they carried with them a profound sense of inspiration and the belief that 3D printing held the power to revolutionize their artistic and educational pursuits.

Live Demonstration (11:15 AM - 12:15 PM):



During this engaging workshop, participants were granted a unique and immersive experience as they had the privilege of witnessing a live demonstration of the complete 3D printing workflow. The demonstration encompassed every crucial stage of the 3D printing process, leaving no stone unturned in terms of comprehending this transformative technology.

The session began with design creation, where attendees could witness the birth of 3D models right before their eyes. Dr. Shyam Sundar along with Dr. Abraham Rajiv, meticulously walked the participants through the intricacies of designing for 3D printing. They provided valuable insights into selecting appropriate software tools, creating intricate designs, and ensuring the digital models were optimized for the subsequent phases.



Moving forward, the focus shifted to preprocessing. This phase is often seen as the bridge between the digital and physical realms in 3D printing. The Resource faculty elucidated the importance of proper preprocessing techniques, including setting print parameters, support structures, and addressing potential issues to ensure a seamless transition from the digital design to the physical object. Participants were enthralled as they observed how meticulous attention to preprocessing details could greatly influence the quality of the final 3D print. The climax of the live demonstration was the actual 3D printing process itself. Attendees eagerly gathered around the 3D printer, eagerly awaiting the moment when their digital creations would materialize layer by layer. Dr. Shyam Sundar and Dr. Abraham Rajiv expertly operated the printer, explaining each step as it happened. As the 3D printing process neared its completion, the workshop transitioned to the post-processing phase. Dr. Sundar and Dr. Rajiv demonstrated the critical steps involved in refining the 3D-printed objects. This included removing supports, surface finishing techniques, and any necessary quality control measures. Participants gained a comprehensive understanding of how to take a freshly printed object and transform it into a polished and refined work of art. Throughout the entire demonstration, the resource faculty's step-by-step guidance and clear explanations ensured that participants not only observed the process but truly comprehended it. This holistic experience left attendees feeling empowered and confident in their ability to engage with 3D printing technology from start to finish, setting the stage for their own creative journeys in the world of additive manufacturing.

Q&A and Discussion (12:15 PM - 1:00 PM): The workshop concluded with an interactive session where participants could ask questions and engage in a discussion with the resource faculty, further enhancing their understanding of 3D printing in the context of visual arts.

Feedback:

The feedback from the participants was overwhelmingly positive. They expressed their satisfaction with the quality of teaching and the comprehensive coverage of 3D printing concepts. Several participants found the workshop fascinating, highlighting how it had opened new avenues for them to explore in their teaching and artistic endeavors. Many participants also voiced their desire for more teaching-learning sessions on similar topics in the future, emphasizing the value they found in expanding their knowledge and skills in the realm of 3D printing.

Conclusion:

The "Know About 3D Printing from Preprocessing to Post Processing" workshop organized by the Institutional Innovation Council at the Ravivarma Art Institute proved to be a successful initiative. It equipped educators in visual arts with valuable insights and practical knowledge about 3D printing, enabling them to incorporate this

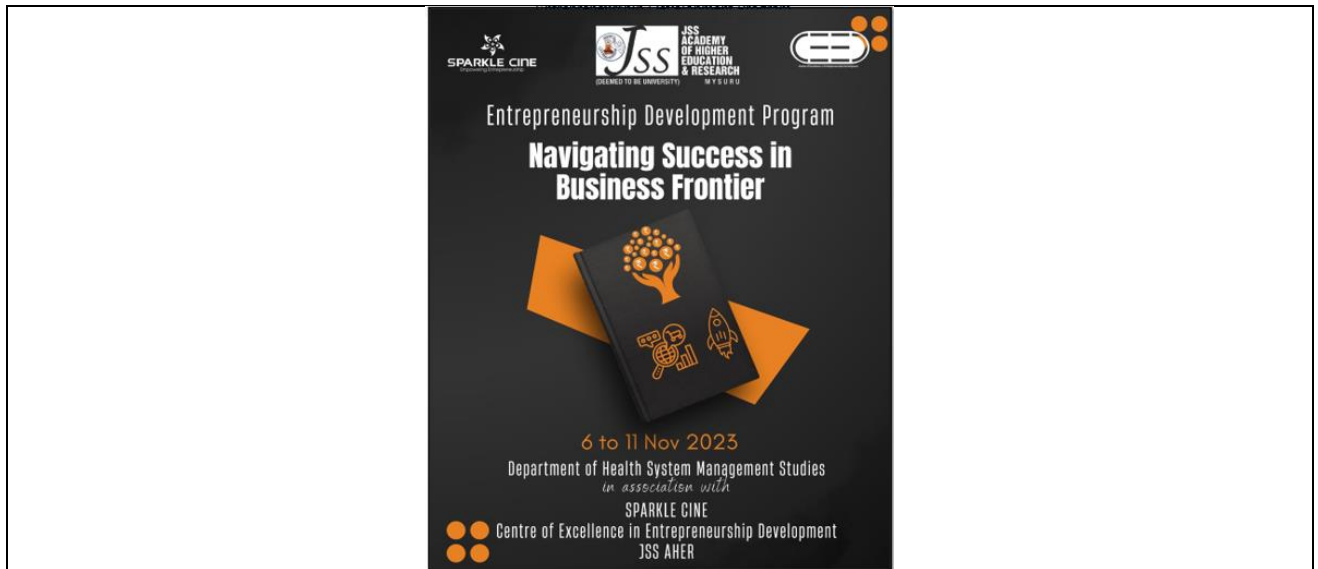
cutting-edge technology into their teaching and artistic practices. The positive feedback received from participants highlights the potential for future workshops and educational activities in the field of innovation and technology integration in art education.



JSS DENTAL COLLEGE & HOSPITAL ISO 9001:2015 Certified Sri Shivarathreeswara Nagara MYSURU 570015 DENTAL EDUCATION UNIT Report of Faculty Development Program Faculty Development Program (FDP) was conducted for the Teaching staff of JSS Dental College & Hospital titled “Program and Course Outcomes Mapping and Analysis in Dental Education” on 20.9.2023 & 21.9.2023 at Gowri Shankar Auditorium JSSDCH by the Dental Education Unit. This program was inaugurated by Dr. Vishal Kumar Gupta, Dean, Academics, JSSAHER in the august presence of Dr. Dhakshaini M R, Principal, JSS DCH, and Dr. Jaishankar H P, Vice Principal, JSS DCH. Chief guest Dr. Vishal Kumar Gupta congratulated the team of Dental Education Unit of JSS Dental College & Hospital for all its well-structured initiatives till date. Principal Dr Dhakshaini M R and Organising Chairperson emphasized the need to equip faculty members with the knowledge and skills to design, assess, and improve outcomes as this step can enhance the institution’s educational offerings to the overall development of students by catering to the accreditation requirements. Dr. Pushpalatha K, Convener CCLPE in her remarks underlined the need of FDP on OBE. Dr. Sunila B Sangappa, Organising Secretary and Convener, Dental education Unit presented the Vote of Thanks by thanking JSSAHER for its consistent support across the journey of DEU. The program was coordinated by Dr. Seema Deshmukh, Member Secretary, Dental Education Unit. Program intended to enhance the knowledge of all the Institutional faculty in Outcome Based Education in dental education and its implications. Program was designed with three sessions scheduled across the day and ended with an Hand-on activity session for designing the program and course outcomes, mapping them with articulation matrix and performing the framing and assessing the attainment of the outcomes. Dr. Pushpalatha K, Convener CCLPE, and Dr. Sunila B Sangappa Convener, Dental Education Unit, the Resource Faculty for FDP together enlightened the faculty with their expertise by providing the essential knowledge to stay updated on OBE and its assessment trends. All the ...participants comprising Heads of the departments, Senior Professors, and faculty participated actively in the session. The program concluded with a valedictory presided by Dr. Madhusudan N Purohit, Dean, IQAC JSSAHER as the guest of honour. Dr. Purohit emphasized that in an era of increased accountability and accreditation requirements, institutions must demonstrate that their programs achieve intended learning outcomes. He further added that a well-defined outcomes assessment process is essential for meeting these demands to equip the faculty with the necessary tools and added a note of appreciation for the inception of Dental Education Unit and its activities at JSSDCH.

Entrepreneurship Development Program

Three-day Entrepreneurship Development Program (EDP), for two distinct batches of students of III semester of the MBA (Hospital Administration), MBA (Pharmacy Administration), MSc (Nutrition & Dietetics) and MBA (Information Technology) was conducted from 6th to 8th November 2023 and 9th to 11th November 2023 respectively at SPARKLE CINE, Centre of Excellence in Entrepreneurship Development (CEED) in collaboration with the Department of Health System Management Studies of JSS Academy of Higher Education & Research, Mysuru. A total of 77 students participated from the two batches.



Awards and Recognition

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



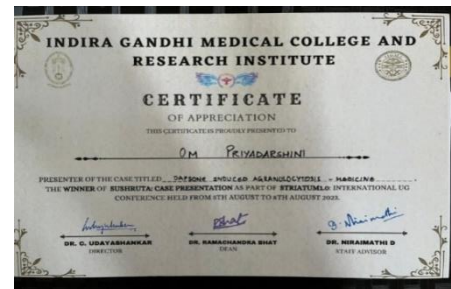
Dr. Srinivasa Murthy, Professor, Dept. of Pediatrics, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru has been awarded the **MOST INNOVATIVE STARTUP OF THE YEAR (Consumer Services Industries)** by the Asia Pacific Stevie Awards-2024. The innovation **“Neonatal Feedrail”** – which is an innovative device to feed neonates with gravity feeding method in NICU has won the **SILVER AWARD** in the category on 14-05-2024



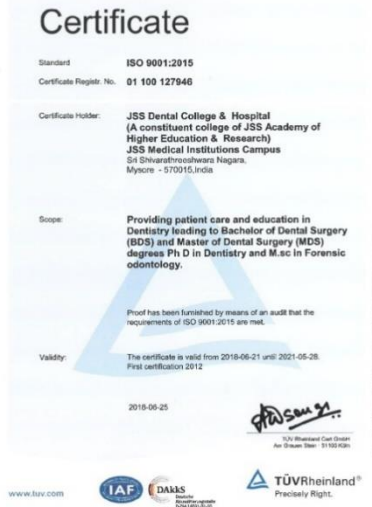
Yashika won the best delegate prize in Model United Nation during **AXON 23 conference** on 3rd August 2023 organized by PSG Institute of Medical Sciences, Coimbatore. The Axon Mun Committee on Healthcare Innovation and Digital Transformation met on August 4th-5th, 2023. Delegates discussed telemedicine accessibility, data privacy, and political impact on healthcare. Challenges arose from allegations of Chinese hackers stealing US patient data, affecting US-China relations. Despite this, productive discussions led to a resolution addressing key healthcare issues. The meeting provided valuable insights into healthcare innovation and digital transformation on a global scale.



Om and Pratham got selected as the top 8 teams in Biomedical Hackathon and presented their model on my health band – an innovative approach on electronic health record systems during ECG’ **AXON 23 conference** on 3rd August 2023 organized By PSG Institute of Medical Sciences, Coimbatore.



Fetching of ranking at various national bodies and accreditation institutions



NIRF-2023 Ranking



Outlook Magazine Ranking



Week Magazine Rankings



QS ranking



Times Higher Education Impact Rankings



Infrastructure & learning resources Details: Details of Central Library

Library Usage Statistics information

(a) Physical Walk in's:

Sl No.	Particulars	UG Students	PG Students	Staff/ Ph.D	Alumni/ Visitor/ Foreigner	Total
1.	Number of Books referred	598	253	13	-	864
2.	Number of Journals referred	3	62	24	-	89
3.	Number of books issued	791	76	10	-	877
4.	Number of books returned	796	67	6	-	869
	Total referred of Library	2188	458	53	-	2699
USERS CATEGORY						
1.	Number of reference users	456	160	7	-	623
2.	Number of Journals users	3	57	18	-	78
3.	Number of borrowers	355	27	2	-	384
4.	Number of internet users	249	209	242	152	852
	Total Number of users	1063	0453	269	152	1937
	Number of Personal book users	1502				
	Total Users of Library	3439				

Faculty Awards

Name & Designation	Date	Awards
Dr Thippeswamy H M, Reader, Dept. of Public Health Dentistry	7th to 9th July 2023	2nd Prize in Scientific E Paper The association between drinking water fluoride and alkaline phosphatase levels in pregnant women and newborn infants - 2nd AIMST International Dental E-Conference AIDEC 2023, Faculty of Dentistry, AIMST University, Malaysia
Dr Ravi M B, Reader, Dept. of Prosthodontics and Crown & Bridge	7th to 9th July 2023	1st Prize in the Scientific E Paper Category - 2nd AIMST International Dental E-Conference AIDEC 2023, Faculty of Dentistry, AIMST University, Malaysia
Dr Nanditha Kumar M, Reader, Dept. of Prosthodontics and Crown & Bridge	7th to 9th July 2023	2nd Prize in the Scientific E Paper Category Evaluation of salivary calcium, phosphorus, and alkaline phosphatase in partially and completely edentulous patients with xerostomia: a cross sectional study - 2nd AIMST International Dental E-Conference AIDEC 2023, Faculty of Dentistry, AIMST University, Malaysia
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	7th to 9th July 2023	1st Prize in the Scientific E Paper Category Biochemical analysis of dental implants - 2nd AIMST International Dental E-Conference AIDEC 2023, Faculty of Dentistry, AIMST University, Malaysia
Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge	7th to 9th July 2023	2nd Prize in the Scientific E Paper Category Evaluation and Comparison of flexural and impact strength of developed poly herbal effervescent denture cleansing tablet-- In vitro study - 2nd AIMST International Dental E-Conference AIDEC 2023, Faculty of Dentistry, AIMST University, Malaysia
Dr Ganesh S, Reader, Dept. of Prosthodontics and Crown & Bridge	14th August 2023 to 13th August 2024	Member of ITI (International team for Implantology) - International team for Implantology
Dr Meenakshi S, Reader, Dept. of Prosthodontics and Crown & Bridge	14th August 2023 to 13th August 2024	Member of ITI (International team for Implantology) - International team for Implantology
Dr Indira M D, Lecturer, Dept. of Pediatric & Preventive Dentistry	24th August 2023	Outstanding contribution to the quality of the journal Reviewed manuscript - Journal of Indian Society of Pedodontics and Preventive Dentistry,
Dr Pratibha Shashikumar, Reader, Dept. of Periodontology	6th to 9th September 2023	3rd position Nanotechnology and Nanomedicine in the treatment of Periodontal disease - Online participation - Faculty & Practitioner category in the International Dentists Convention & 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology & Implantology, Faculty of Dental Sciences, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Lucknow, UP
Dr Anitha S, Reader, Dept. of Periodontology	6th to 9th September 2023	3rd position Pre Diabetis and Periodontise : Connecting the dot - Online participation - Faculty & Practitioner category in the International Dentists Convention & 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology & Implantology, Faculty of Dental Sciences, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Lucknow, UP
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	10th June 2022 to 11th September 2023	Editorial Review Journal of Clinical and Diagnostic Research
Dr Paras Mull J, Reader, Dept. of Conservative Dentistry and Endodontics	30th September	Best Reviewer Award Indian Endodontics Society (IES) for the year 2022 - 31st National Conference of the Indian Endodontics Society at Bhubaneswar, Orissa ,

Name & Designation	Date	Awards
Dr B Nandlal, Prof & HOD , Dept. of Pediatric and Preventive Dentistry	6th October 2023	Best researcher award For patent commercialization - JSS Dental College and Hospital, Mysuru,
Dr Seema Deshmukh, Reader, Dept. of Pediatric and Preventive Dentistry	6th October 2023	Best researcher award for having highest number of research projects, publishing in the journal (National) with the highest impact factor for the year 2022, and the research patent culminating in commercialization - JSS Dental College and Hospital, Mysuru,
Dr Manjula S, Reader, Dept. of Oral & Maxillofacial Surgery	6th October 2023	Best researcher award Publishing in the journal (International) with the highest impact factor for the year 2022. - JSS Dental College and Hospital, Mysuru,
Dr Seema Deshmukh, Reader, Dept. of Pediatric & Preventive Dentistry	10th to 12th October 2023	Best Paper Presentaton award Impact of virtual reality based education on patient care - Virtual International Dental Education Conference (VIDYEN), Yenepoya Dental College in association with Yenepoya Centre for faculty development (Yen-FDC)
Dr Sowmya S, Reader, Dept. of Prosthodontics and Crown & Bridge	10th to 12th October 2023	Best Paper Presentaton award A Training Module for 4th BDS Students to Improve Attitude and Empathy Level in Geriatric Patients' - Virtual International Dental Education Conference (VIDYEN), Yenepoya Dental College in association with Yenepoya Centre for faculty development (Yen-FDC)
Dr Bhagyalakshmi A, Reader, Dept. of Orthodontics & Dentofacial Orthopedics	15th October 2023	Best poster award during the onsite poster session Residential session of M-FILIFE 2023 - M-FIILIFE FAIMER Program, Manipal Academy of Higher Education, Manipal
Dr Aruna G, Lecturer, Dept. of Periodontology	30th & 31st October 2023	2nd Prize Locally delivered Melatonin - Its effect as an anti inflammatory and Anti resorptive agent - DST - SERB Sponsored International Conference on Genetics and Epigenetics of Cancer, Division of Biochemistry, School of Life Sciences, JSS AHER, Mysuru
Dr Jyothi Kiran H, Professor, Dept. of Orthodontics & Dentofacial Orthopedic	10th December 2023	Fellowship Certificate and Membership certificate Fellowship certificate and Membership Certificate - World Federation of Orthodontists (Fellow) and American Association of Orthodontists (Member) an Associatio of Othodontists, World Federation of Orthodontists, USA/ American association of Orthodontists
Dr Sowmya S, Lecturer, Dept. of Conservative Dentistry and Endodontics	3rd to 5th November 2023	1st position in the Online Scientific poster presentation E-Poster was 'Bioscientific Assessment of Dental Materials in Aesthetic Dentistry' - 3rd World Dental and Facial Aesthetics Conference, Himachal Dental College
Dr Vidya G D, Reader, Dept. of Oral Pathology & Microbiology	3rd to 5th November 2023	2nd position in the Online Scientific paper presentation Forensic Examination of Incinerated Dental Hard Tissue: An Analytical Study - 3rd World Dental and Facial Aesthetics Conference, Himachal Dental College
Dr Vidya G D, Reader, Dept. of Oral Pathology & Microbiology	3rd to 5th November 2023	1st position in the Online Scientific poster presentation Bioscientific assessment of dental materials in aesthetic dentistry - 3rd World Dental and Facial Aesthetics Conference, Himachal Dental College
Dr Jyothi Kiran H, Professor, Dept. of Orthodontics & Dentofacial Orthopedic	November 2023 to 12th October 2028	Fellow of World Federation of Orthodontists - - World Federation of Orthodontists,
Dr Seema Deshmukh, Reader, Dept. of Pediatric and Preventive Dentistry	9th to 18th November 2023	1st place Slogan Writing - Pedodontist Day celebration, JSS Dental College & Hospital, Mysuru

Name & Designation	Date	Awards
Dr Sreeshyla H S, Lecturer, Dept. of Oral Pathology & Microbiology	28th November 2023	3rd prize Anticacterial and antifungal effect of trigonella foenum-graecum and ferula asafoetida on oral microbiota - An in vitro microbiological assay - International Conference on "Exploring the potential of Ayurveda in promoting the well-being of human beings, animals environment, plants and animals on the 8th Ayurveda Day with the them of Ayurveda for everyone on every day, Jointly organised by JSS Academy of Higher Education & Research, Mysuru and South Kazakhstan Medical Academy, Kazakhstan.
Dr Sanjay C J, Reader, Dept. of Oral Medicine & Radiology	1st to 3rd December 2023	1st position in Scientific poster presentation Tooth in Cheek - An Entrenched Foreign Body Involving Avulsed Tooth Following Trauma - A Rare Radiographic Entity - 34th National IAOMR Conference, Bapuji Dental college and Hospital, Davangere
Dr Anitha S, Reader, Dept. of Periodontology	7th to 9th December 2023	2nd Prize EYeNo Wear: Yay or Nay - DST - SERB, DBT & CSIR Sponsored International Conference on One-Health: Biotechnology as a Catalyst for sustainable Development (Heal-Biotech-2023), Division of Biotechnology & Bioinformatics, School of Life Sciences, JSS AHER, Mysuru
Dr Maurya M, Lecturer, Dept. of Public Health Dentistry	1st to 3rd December 2023	2nd Position in best paper presentation Oral Health condition and oral health related quality of life among middle - aged male smokers and non smokers in mysore city - A comparative study - 27th National Indian Association of Public Health Dentistry, Faculty of Dental Sciences, SGT University, Gurugram
Dr Suneeth Shetty, Lecturer, Dept. of Conservative Dentistry and Endodontics	7th to 9th December 2023	2nd prize Eye No Wear: Yay or Nay - International Conference on One Health: Biptechnology as a catalyst for sustainable development (Heal-Biotec-2023), Dept of Biotechnology & Bioinformatics, School of Life Sciences, JSS AHER, Mysuru
Dr Nitin V Muralidhar, Reader, Dept. of Orthodontics and Dentofacial Orthopedics	2022-2023	Imm.Past President - IDA Karnataka State Branch,
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	2022-2023	Member ISDR 2023 - Indian Society For Dental Research,
Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge	2022-23	Editor in Indian Dental association- Mysuru Branch - Indian Dental Association, Mysuru ,
Dr Brinda S Godhi, Reader, Dept. of Pediatric and Preventive Dentistry	2022-23	Outstanding achievement in the field of adventure sports - Indian Dental association- Mysuru,
Dr Mahesh K P, Reader, Dept. of Oral Medicine & Radiology	2022-23	Reviewing Scientific articles Journal of Indian Academy of Oral Medicine & Radiology - Indian Academy of Oral Medicine and Radiology,
Dr Mahesh K P, Reader, Dept. of Oral Medicine & Radiology	2022-23	E C Member E.C Member of the Indian Dental Association-Mysuru - Indian Dental Association Mysore Branch, Indian Dental Association Mysore Branch
Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge	29th January 2024	Reviewer for International Journal of Medical Sciences Evaluation of different superiosteal implant thicknesses on mechanical strength and stress on bone by finite element analysis - , International Journal of Medical Sciences
Dr Sathish Radhakrishna, Professor, Dept. of Oral & Maxillofacial Surgery	2nd & 3rd February 2024	1st position in the Online Scientific paper presentation CBCT a new nom for impacted mandibular 3rd molar - CynoDent & ISD in collaboration with Indira Gandhi Government Dental College, Jammu at IGGDC Jammu, 9th World Dental Sciences and Oral Health Conference

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Dr Deepa B V, Lecturer, Dept. of Oral & Maxillofacial Surgery	2nd & 3rd February 2024	2nd position in the Online Scientific paper presentation Application of botulinum toxin in dental and facial - CynoDent & ISD in collaboration with Indira Gandhi Government Dental College, Jammu at IGGDC Jammu, 9th World Dental Sciences and Oral Health Conference
Dr Manjula S, Reader, Dept. of Oral & Maxillofacial Surgery	2nd & 3rd February 2024	2nd position in the Online Scientific paper presentation Application of botulinum toxin in dental and facial - CynoDent & ISD in collaboration with Indira Gandhi Government Dental College, Jammu at IGGDC Jammu, 9th World Dental Sciences and Oral Health Conference
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	19/02/2024	Reviewer for Journal of Clinical and Diagnostic Research Journal of Clinical and Diagnostic Research - Journal of Clinical and Diagnostic Research,
Dr Bhagyalakshmi A, Reader, Dept. of Orthodontics and Dentofacial Orthopedics	2nd March 2024	Outstanding Women Researcher in Orthodontics Contribution and Achievement in the discipline of health and medical sciences - Venus International Foundation, Centre for Women Development, Chennai-600088 Tamilnadu, India
Dr Sunila B S, Reader, Dept. of Prosthodontics and Crown & Bridge	3rd March 2024	Reviewer for Journal of Dental Education Expert Tips on how to publish in the JDE - Journal of Dental Education, Journal of Dental Education
Dr Indira M D, Lecturer, Dept. of Pediatric & Preventive Dentistry	8th March 2024	Distinguished Woman Award Her immense contribution in the field of Pediatric Dentistry on the Occasion of International Women's day March 8th 2024 - Indian Society of Pedodontics and Preventive Dentistry, Indian Society of Pedodontics and Preventive Dentistry
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	1st April 2024	Reviewer for International Journal of Medical Sciences Evaluation of different superiosteal implant thicknesses on mechanical strength and stress on bone by finite element analysis - International Journal of Medical Sciences , Editorial/Publishing Team Ivyspring International Publisher International Journal of Medical Sciences
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	March 2024	First Reviewer In recognition of the review contributed to the journal of Oral Biology and Craniofacial Research - The Editors of Journal of Oral Biology and Craniofacial Research, The Editors of Journal of Oral Biology and Craniofacial Research
Dr Vidya G Doddawad, Reader, Dept. of Oral Pathology & Microbiology	13th April 2024	Pierre Fauchard-Padmashree Prof.Dr. G D Yadav Award Best corporate connect research in oral healthcare (National level) - Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital Hingna, Dist. NAGPUR 5th Edition Research Awards 2023-24, Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital Hingna, Dist. NAGPUR 5th Edition Research Awards 2023-24
Dr Girish Kumar, Lecturer, Dept. of Orthodontics and Dentofacial Orthopedics	December 2022 and March 2024	Awarded for 3 reviews In recognition of the review contributed to the journal of Oral Biology and Craniofacial Research - The Editors of Journal of Oral Biology and Craniofacial Research, The Editors of Journal of Oral Biology and Craniofacial Research
Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge	2nd-4th May 2024	Prosthodontic Maestro for the year 2023-2024 Exemplary Achievements in the field of Prosthodontics - IPS-Karnataka State Branch, Indian Prosthodontic Society- Karnataka State Branch
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	May 2024	Reviewer for Journal Patients perspectives on dental implant treatment before and during the pandemic - Springer Nature SNAPP, BMC Oral Health

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Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	May 2024	Reviewer for Journal 3D-Printable Biopolymers for Socket Preservation Technique: Soft Tissues Response. A randomized Clinical Trial - Springer Nature SNAPP, BMC Oral Health
Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge	May 2024	Reviewer for Journal A novel formula using panoramic radiography for determining the vertical dimension of occlusion - Springer Nature SNAPP, BMC Oral Health
Dr Usha Hegde, Prof & HOD , Dept. of Oral Pathology & Microbiology	19th May 2024	29,030 ft height on top of the Everest Mountain in Himalayan range between Nepal and Tibet - ,
Dr Seema Deshmukh, Reader, Dept. of Pediatric & Preventive Dentistry	June 2024	Selected for Fellows of PSG FRI 2024 - FAIMER Regional Institute,

Student Awards

Name & Designation	Date	Awards
Dr Ankita Chhabrani, PG Student, Periodontology	8th to 10th June 2023	1st Position in the Scientific poster presentation - Concentrated growth factor - revolutionizing the way we heal, 2nd World Dental and Facial Aesthetics conference , PDCH, Udaipur, Rajasthan
Dr Ankita Chhabrani, PG Student, Periodontology	9th June 2023	Young Research of Year 2023 - -, Next-Den-Gen Awards 2023, Pacific Dental College and Hospital, Udaipur, Rajasthan
Dr Ankita Chhabrani, PG Student, Periodontology	1st August 2023	2nd prize - Fill the tooth contest, Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Swathi Vathsa, PG Student, Periodontology	1st August 2023	2nd prize - Fill the tooth contest, Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Ankita Chhabrani, PG Student, Periodontology	1st August 2023	3rd prize - E Poster Competition, Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Swathi Vathsa, PG Student, Periodontology	1st August 2023	3rd prize - Banner Making, Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Pratima Chaurasia, PG Student, Periodontology	1st August 2023	3rd prize - Banner Making, Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Ankita Chhabrani, PG Student, Periodontology	1st August 2023	Consolation prize - Banner Making, Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Muskan Gupta, PG Student, Periodontology	1st August 2023	Consolation prize - Banner Making, Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Sumukh Bharadwaj, PG Student, Conservative Dentistry and Endodontics	1st August 2023	3rd prize - Eco-Smart Dentistry: Greener Choices, Eco-Savvy Solutions' , Oral Hygiene Day, Indian Society of Periodontology, New Delhi
Dr Suprih S Gowda, PG Student, Conservative Dentistry and Endodontics	10th to 12th August 2023	2nd position for presenting the Best scientific Paper Presentation - Cell Homing in Endodontics: Pioneering the Path to Regenerative Dentistry', 2nd ACE Karnataka Conference 2023, The Oxford Dental College, Bangalore
Dr Ankita Chhabrani, PG Student, Periodontology	1st September 2023	Exception writing skills recognition, , Peoples Reflections Writing Competition
Dr Ankita Chhabrani, PG Student, Periodontology	2nd & 3rd September 2023	3rd prize - Slogan writing , UP Dental Show Luncknow 2023, Indira Gandhi Pratishan, Lucknow

Name & Designation	Date	Awards
Dr Ankita Chhabrani, PG Student, Periodontology	2nd & 3rd September 2023	2nd prize - Meme Competition, UP Dental Show Lucknow 2023, Indira Gandhi Pratishan, Lucknow
Dr Ankita Singh, PG Student, Periodontology	6th to 9th September 2023	2nd position in the Online Scientific poster presentation - To assess knowledge, attitudes and practices of oral hygiene among pregnant women, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Swathi Vathsa, PG Student, Periodontology	6th to 9th September 2023	2nd position in the Online Scientific paper presentation - Teriparatide - beyond one's expectation, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Harshita C, PG Student, Periodontology	6th to 9th September 2023	1st position in the Online Scientific paper presentation - Endo perio treatment with PRF, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Ankita Chhabrani, PG Student, Periodontology	6th to 9th September 2023	1st position in the Online Scientific poster presentation - Treatment of Bony defects in Periodontology, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Muskan Gupta, PG Student, Periodontology	6th to 9th September 2023	1st position in the Online Scientific paper presentation - Periodontal smile makeover - A case report on idiopathic gingival enlargement, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Dakshina J, PG Student, Periodontology	6th to 9th September 2023	1st position in the Online Scientific paper presentation - Periodontally accelerated Ostogenic Orthodontics - A case report, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Radhika Muralidharan, PG Student, Periodontology	6th to 9th September 2023	3rd position in the Online Scientific paper presentation - Peripheral adenomatoid odontogenic tumor in association with an intra bony defects - A case report, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP

Name & Designation	Date	Awards
Dr Pratima Chaurasia, PG Student, Periodontology	6th to 9th September 2023	1st position in the Online Scientific paper presentation - Management of Gingival enlargements - A case report, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Sumukh Bharadwaj, PG Student, Conservative Dentistry and Endodontics	6th to 9th September 2023	2nd position in the Online Scientific poster presentation - Space gravity: Effects of microgravity on oral cavity, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Sumukh Bharadwaj, PG Student, Conservative Dentistry and Endodontics	6th to 9th September 2023	1st position in the Online Scientific paper presentation - Unveiling endo perio lesion: The dichotomy in dentistry and An in depth exploration of technological advancements - Revolutionizing dental healthcare, International Dentists Convention, 8th World Dental Sciences and Oral Health Conference, CynoDent & ISD in collaboration with Dept of Periodontology, FODS, King George's Medical University at Atal Bihari Vajpayee Scientific Convention Centre, KGMU, Luknow, UP
Dr Ankita Chhabrani, PG Student, Periodontology	8th September 2023	2nd position in the Scientific poster presentation - Space gravity: Effects of microgravity on oral cavity, Periosakthi 2023, Dept of Periodontics at Adhiparasakthi Dental College & Hospital, Melmaruvathur
Dr Ankita Chhabrani, PG Student, Periodontology	8th September 2023	PG Student of the Year - In the International Dentists Awards 2023, Asia's Biggest Dental Award show, CynoDent, KGMU, Luknow, UP
Dr Ankita Chhabrani, PG Student, Periodontology	5th October 2023	Runner - Ex-Quiz-Me competition, National Orthodontists Day organised by Dept of Orthodontics and Dentofacial Orthopedics, JSS Dental College & Hospital, Mysuru
Dr Muskan Gupta, PG Student, Periodontology	5th October 2023	Runner - Ex-Quiz-Me competition, National Orthodontists Day organised by Dept of Orthodontics and Dentofacial Orthopedics, JSS Dental College & Hospital, Mysuru
Dr Sumkh Bharadwaj, PG Student, Conservative Dentistry and Endodontics	10th to 12th October 2023	Best paper presentation - Personalised learning path ways - tailoring education to individual student needs, Virtual International Dental Education Conference (VIDYEN), Yenepoya Dental College in association with Yenepoya Centre for faculty development (Yen-FDC)
Dr Ankita Chhabrani, PG Student, Periodontology	10th to 12th October 2023	Best paper presentation - Personalised learning path ways - tailoring education to individual student needs, Virtual International Dental Education Conference (VIDYEN), Yenepoya Dental College in association with Yenepoya Centre for faculty development (Yen-FDC)
Dr Sumkh Bharadwaj, PG Student, Conservative Dentistry and Endodontics	3rd to 5th November 2023	2nd Position in the Online Scientific Paper Presentation - Resin Infiltration: A Minimally Invasive Approach to Enamel White Spots, 3rd World Dental and Facial Aesthetics Conference, Himachal Dental College
Dr S R Neha, UG Student, Conservative Dentistry and Endodontics	3rd to 5th November 2023	1st Position in the Online Scientific Paper Presentation - AI Driven Smile Design: Transforming Aesthetic Dentistry', 3rd World Dental and Facial Aesthetics Conference, Himachal Dental College
Dr Ankita Chhabrani, PG Student, Periodontology	9th to 18th November 2023	1st place in Poster competition - Oral health is the pathway to general health, Pedodontist Day (week) Celebration,, Dept of Pediatric and Preventive Dentistry, JSS Dental College & Hospital, Mysuru

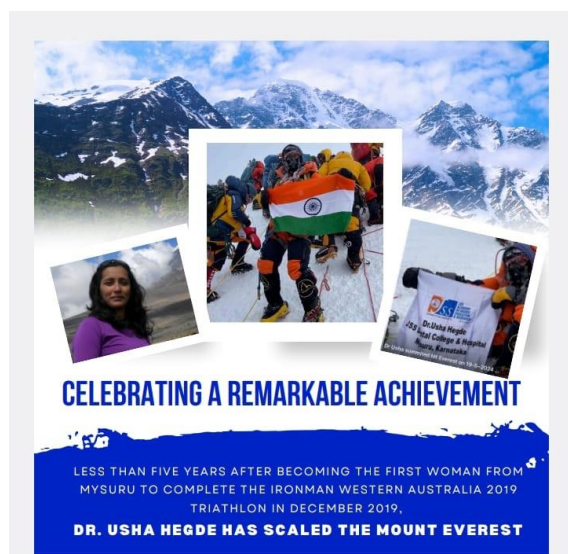
Name & Designation	Date	Awards
Dr Sharath N, PG Student, Oral Medicine & Radiology	1st to 3rd December 2023	1st position in Scientific paper presentation - Anatomisation and Prevalence Of Onodi Cells Using Cone Beam Computed Tomography., 34th National IAOMR Conference, Bapuji Dental college and Hospital, Davangere
Ms Neha S R, UG Student, Periodontology	9th December 2023	PFA INTERNATIONAL SENIOR STUDENT AWARD – 2023 - Outstanding academic Achievements, 37th Annual Continuing Dental Education and Convocation, Ramaiah University of Applied Sciences, Bangalore
Dr.Krithi P and Dr.Anitta Rose, UG Student, Prosthodontics and Crown & Bridge	December	1st Position in Scientific poster presentation - Unlocking the potential of Artepillin C: A breakthrough in oral health care', ISPRP CONFERENCE 2023 , SRM dental college, Chennai.
Dr.Bhagyalakshmi Bhaskaran and Dr. Sai Archana. G, UG Student, Periodontology	December, 2023	1st Position in Scientific paper presentation - unlocking the therapeutic potential of Curcumin in Dentistry, ISPRP CONFERENCE 2023 , SRM dental college, Chennai.
Dr Sumkh Bharadwaj, PG Student, Conservative Dentistry and Endodontics	15th January 2024	3rd rank in People's Reflections Writing Copetition - People's Reflections Writing Copetition, Reflections, Reflections
Dr.Gunica Harjai, PG Student, Pediatric and Preventive Dentistry	22nd to 24th February 2024	Best paper presentation - Efficacy of Amniotic Fluid (Amniocentesis/full-term), and Cornisol in Maintaining PDL Cell Viability and Apoptosis in Comparison with HBSS: An in-vitro evaluation, 20th Post Graduate Convention of the ISPPD "PEDODALES 2024", Indian Society of Pedodontics and Preventive Dentistry, Dehradun
Dr. Sreejeeta Dey, PG Student, Pediatric and Preventive Dentistry	22nd to 24th February 2024	Best paper presentation - Clinical Evaluation of Efficacy of Phosphorylated Chitosan as Cavity Disinfectant in Carious Primary Molars, 20th Post Graduate Convention of the ISPPD "PEDODALES 2024", Indian Society of Pedodontics and Preventive Dentistry, Dehradun
Dr. L.V. Aarthi, PG Student, Pediatric and Preventive Dentistry	22nd to 24th February 2024	Best paper presentation - Comparative analysis of surface morphology and antiadherent property of surface treated 3D printed and grayson's nasoalveolarmolding appliance: an invitro study, 20th Post Graduate Convention of the ISPPD "PEDODALES 2024", Indian Society of Pedodontics and Preventive Dentistry, Dehradun
Dr. Meera Theenathayalan, PG Student, Oral Medicine & Radiology	8th-10th March 2024	1st Poster Presentation - Intramuscular Arteriovenous malformation in right masseter muscle with the turkey wattle sign, 21st National OOO Symposium 2024(Indian Academy of Oral Medicine & Radiology), SCB Dental College and Hospital, Cuttack
Dr Supreeth S Gowda, PG student, Conservative Dentistry and Endodontics	29th February to 3rd March 2024	1st Prize in Scientific paper Presentation - Resin Infiltration :A Minimally Invasive Approach to Enamel White Spots' presented, 24th IACDE National PG Convention 2024, Sri Ramachandra Dental College and Hospital Chennai
Dr Muskan Gupta, MDS Student, Periodontology	6th and 7th March 2024	WOW Dentistry Congress 2024 Student Ambassador - INDIA - celebrating the Entrusting , Elevating , Enlightening and Empowering of Womanhood in dentistry and Facial Aesthetics, Dentistry and Facial Aesthetics Congress, GOA,
Dr. Meera Theenathayalam, PG Student, Oral Medicine & Radiology	8th-10th March 2024	1st Position in Paper Presentation - Arterio venous malformation in the right masseter muscle- A core report, 21st National OOO Symposium 2024(Indian Academy of Oral Medicine & Radiology), SCB Dental College and Hospital, Cuttack

Name & Designation	Date	Awards
Dr. Ritu B, PG Student, Oral Medicine & Radiology	8th-10th March 2024	2nd Poster Presentation - A Rare anatomical perplexity of submandibular cavernous Hemangioma with phleboliths, 21st National OOO Symposium 2024(Indian Academy of Oral Medicine & Radiology), SCB Dental College and Hospital, Cuttack
Dr. Akash Saha, PG Student, Oral Medicine & Radiology	8th-10th March 2024	1st prize in Paper Presentation - Enigmatic diagnosis cinquered- By Multidisciplinary approach, 21st National OOO Symposium 2024(Indian Academy of Oral Medicine & Radiology), SCB Dental College and Hospital, Cuttack
Dr. Ankita Chhabroni, PG Student, Periodontology	23th April 2024	Dr. G B Shankwalkar Award for PG Students(Maharashtra, Karnataka, Tamilnadu & Gujarat level) - Nominated among Top 5 for the Dr. G B Shankwalkar Award for PG Students(Maharashtra, Karnataka, Tamilnadu & Gujarat level), 5th Edition Research Award 2023-24, Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital Hingna, Dist Nagpur
Dr. Dishy S, PG Student, Prosthodontics and Crown & Bridge	21st to 23rd June 2024	2nd place in poster presentation - Loading protocol in immediate restoration, 1st OSI National Implantology Conference, Osseointegration Society of India

NPTEL COURSES COMPLETED BY FACULTY MEMBERS

1. Dr Deepa B V, Lecturer, Dept. of Oral & Maxillofacial Surgery NPTEL - AICTE Faculty Development Programme, Management of medical emergencies in dental practice - MOE, Govt of India, Feb - Apr 2023 (8weeks) - National
2. Dr Parinitha M S, Reader, Dept. of Conservative Dentistry and Endodontics Awarded NPTEL Online Certification course - Elite , Management of medical emergencies in dental practice - Indian Institute of Technology, Madras, Feb-Apr 2023 (8 week course) - National
3. Dr Sathish R, Professor, Dept. of Oral & Maxillofacial Surgery Awarded NPTEL Online Certification course - Elite , Basic Course in Ornithology - Indian Institute of Technology, Madras, Jan-Apr 2024 (12 week course) - National

Dr. Usha Hegde, Jss Academy of Higher Education & Research Conquests Everest



Dr. Usha Hegde, Professor, Dept. of Oral Pathology & Microbiology, JSS Dental College & Hospital, Mysuru holding the logo of JSS Academy of Higher Education & Research on top of the Everest Mountain in Himalayan range.

Dr. Usha Hegde, Professor, Dept. of Oral Pathology & Microbiology, JSS Dental College & Hospital, Mysuru holding the Indian Flag on top of the Everest Mountain in Himalayan range.



The dream to conquer the highest peak in the world is achieved by only a hand full of the world's human race, among those who did, joins our own Dr. Usha Hedge, Professor & HOD, Dept. of Oral Pathology & Microbiology, JSS Dental College & Hospital a Constituent College of JSS Academy of Higher Education & Research (JSS AHER), Mysuru, who created a landmark history on 19th May 2024 at 6.10 am.

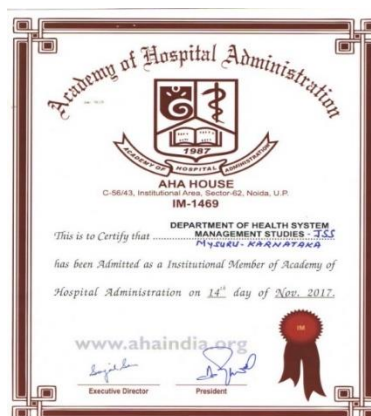
On the early hours of 19th May 2024 at 6.10 AM, she proudly held the Indian flag and also displayed the logo of JSS Academy of Higher Education & Research, Mysuru at 29,030 ft height on top of the Everest Mountain in Himalayan range between Nepal and Tibet also otherwise known as SAGARMATHA the peak of heaven. The mount earlier reached by only one another Mysurean Major Smitha Lakshman an army officer. Dr. Usha Hegde has immensely trained herself physically and psychologically for over years in this venture, walking while carrying weights, running, cycling, swimming, trekking smaller mountains and gym exercises being few among her training patterns along with strict diet which were religiously followed despite of her busy academic job and family commitments.

Enroute to reach the peak, she started trekking on 6th April 2024 and reached Everest Base Camp of 17598 ft., on 13th April 2024. After acclimatizing to the weather conditions, on 11th May 2024 restarted moving ahead. In the early hours of 19th May 2024, she reached the pinnacle of 29,030 ft.

Dr. Usha Hedge a proud alumnus of JSS Dental College & Hospital is presently serving as Professor & Head, Dept. of Oral Pathology in JSS Dental College and Hospital a constituent college of JSS Academy of Higher Education & Research. She has many feathers to her cap in the field of academics in the form of heading the department of Oral Pathology, guiding several PG and Ph.D. students, along with undergraduates, publishing several scientific papers, being resource person, keynote speaker etc.

It is indeed a proud moment for all among JSS family and applauds her for the incredible efforts, extraordinary achievement, and phenomenal success.

Memberships



Infrastructure & learning resources details

Department of Health System Management Studies library

Library statistics: (please furnish details in the Format given below)- June 2022- July 2023

Table 19.1: Library budget 2023-24

Sl. No	Particulars	Total budget allotted Rs. In lakhs	Expenditure Rs. In lakhs
1	Books	2.5 lakhs	1,01,062.00
2	Journals	2.00	1,92,109.00
3	Online database	Nil	Nil
4	Newspapers & Magazines	Nil	10215.00
5	CD ROMs	Nil	Nil
6	Any other	Nil	Nil

Table 19.2: Details of Library books July 2022- June 2023

Sl. No	Particulars	Numbers newly Procured	Total No. of books as on June 2023
1	Reference books	72	1405
2	Course books	Nil	
3	WHO Collections	Nil	
4	Book bank	Nil	
5	Journals	18	18
6	Project reports	36	
7	CD's	Nil	
8	Video cassettes	Nil	

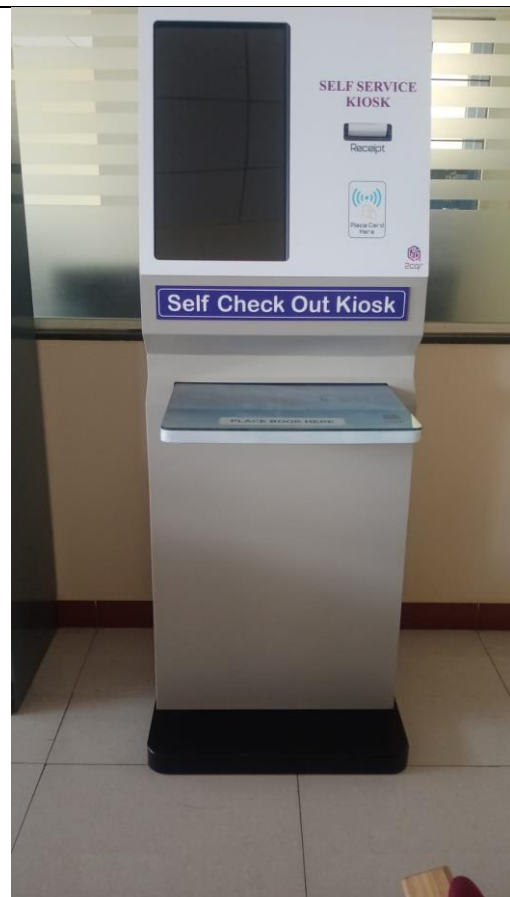
Table 19.3: Infrastructure – Digital library		
Sl. No	Particulars	Numbers newly Procured
1	CPU	18
2	Monitor	18
3	Keyboard	18
4	Mouse	18

Library facilities at the department





Department of Health system management studies has got self checkout kiosk in the library this is a unique facility which works on the feature of RFID tagging all the books in the library got these RFID tags installed base students can check out their books using the RFID card with a smart car facility student has the facility the infrastructure related to the facility is there in the department but still it is under the process of execution to get into its fullest utilization.



One of the additional facilities Department of Health system management library services have received recently ease or pack systems online public access catalogue systems do provide access to all the publications journals and scientific material throughout the university across Medical College dental college pharmacy and faculty of life sciences along with the Department of Health system management studies library catalogue students can view the availability of the resources in each of these facilities and procured the study material as required the facility is in place currently and will be utilised in the nearest time

RESEARCH PROJECTS:

Research Projects details 2023 (July Dec)

Research Projects – Ongoing (External)

Sl No	Title of the project	Principal Investigator	Collaborating Depts	Funding agency	Amount sanctioned	Duration
1	Single Nucleotide Polymorphism of Thyroid Hormone Receptor Gene and Its Association with Dyslipidemia In Tertiary Care Hospital In Mysuru – A cross sectional study	Dr.Hemamlini	Anatomy, Biochemistry, Endocrinology, OBG and Surgery	ICMR	5,15,000	2 Years
2	Sickle Cell Disease-related stigma, economic loss and quality of life among tribal population of India - Mysore district, Karnataka	Dr. Deepa Bhat	Anatomy, Community Medicine	ICMR	19,00,000	2 Years
3	A comparative Study on Cognitive abilities between Hydroxyurea treated and untreated Sickle Cell Disease (SCD) children and possible intervention for SCD children in learning through promotion of educational awareness	Dr.Deepa Bhat	Anatomy, Community Medicine	ICMR	11,00,000	18 Months
4	National Registry for Rare and other Inherited disorders (NRROID)	Dr. Akila Prashant	Anatomy Pediatrics	ICMR	2.44	5 years
5	Upregulation of Hydroxy Prostaglandin Dehydrogenase (HPGD) expression using Hydroxy chloroquine as a novel therapeutic strategy in carcinoma cervix	Dr.M.N. Suma	OBG	ICMR	38.00	3 years
6	Evaluation & comparison of serum calcium, Magnesium, Phosphate, Alkaline Phosphatase, Vitamin-D and Bone Mineral Density in children consuming reverse osmosis (RO), Non-RO and High Fluoride drinking water	Dr.Tippeswamy	JSS Dental College, Paediatrics, JSSMC	ICMR	20.41	2 Years
7	Apoptosis Antagonizing Transcription Factor (AATF): A Novel oncogenic Driver in Hepatocellular Carcinoma	Dr.Divya P. Kumar	Pathology	ICMR	32.41	3 years
8	Assessing the relevance of Salivary Hemoglobin, Interleukin 6 and Lactate Dehydrogenase Level in determining the Chronic Periodontitis in Type 2 Diabetic subjects with and without tooth loss -- A Case Control Study'	Dr.Nandalal	Department of Prosthodontics, JSS Dental College and Hospital	ICMR	18.6	2 Years
9	The novel role of Staphylococcal Nuclease and Tudor Domain Containing 1 (SND1) in obesity-associated NAFLD	Dr. Prasanna Kumar S.	Surgical Gastroenterology	ICMR	44 Lakhs	3 Years
10	Methylation of genes regulating adipogenesis (PPAR gamma, CEBPA, SREBF1) and its relation with serum vitamin D in young adults with and without obesity	Dr. Shobha C R	Biochemistry	ICMR	45.53 lakhs	3 years
11	Development of Millet based dietary fiber for protection of allergic asthma by modulating gut microbiome derived short chain fatty acids	Dr.Kiran	Dr Kiran (PI), School of Life Sciences	ICMR	40 lakhs	3 years
12	Screening for sexually transmitted infections (STIs) and assessment of sexual health practices among tribal women population of HD Kote Taluk in Mysuru district, South India	Dr. Vidyavathi B Chitharagi	Microbiology Anatomy Community medicine	ICMR	Rs 20,15,100/-,	2 years
13	“Epidemiology of chemical hazards among workers in different spectrum of agriculture activities of Southern India: a community based exploratory survey”.	PI: Dr Nayanabai Shabadi Assistant Professor, Department of Community Medicine	Department of Community Medicine	ICMR	36,96,817	3 years

14	An observational study of genomics and sialic acid in oral samples of children receiving multiple blood transfusion and on oral chelators	Dr. B Nandlal	Public Health	ICMR	9,35,000	2 Years
15	Enhancing identification and counseling skills of medical and dental undergraduate students using customized eLearning module on Tobacco counseling – An education innovation project using ADDIE framework	Dr. Chandra sheker JSS Dental College	Comm. Medicine Psychiatry	ICMR Extramural	1794560	3 years
16	Longitudinal effects of Air Pollution Exposures on Lung growth and development of biomarker of lung function deficit in Urban Children	Dr. Rajesh Kumar T. & Dr.P A Mahesh	Respiratory Medicine & Biochemistry	India Alliance DBT-Welcome	350.0	5 years
17	Centre for Training Research and Innovation in Tribal Health	Dr. Deepa Bhat	Anatomy,Biochemistry,Paediatrics	India Alliance DBT welcome trust	17,92,415	5 Years
18	Molecular mechanism underlying high fat diet (HFD)- induced hepatocellular carcinoma (HCC): specific role of TNF- α converting enzyme (TACE) and apoptosis antagonizing transcription factor (AATF)	Dr. Divya P. Kumar	--	DBT- Ramalingaswamy Fellowship	113.60	5 years
19	The role of RNA-induced silencing complex in the development and progression of Nonalcoholic Steatohepatitis and Hepatocellular Carcinoma: The molecular intervention using natural compounds.	Dr. Prasanna Kumar S.	Biochemistry	DBT- Ramalingaswamy Fellowship	113.60	5 years
20	Prevalence of micronutrient deficiency, nutritional status and cognitive dysfunction among elderly residing in tribal areas of southern Karnataka	Dr.Praveen Kulkarni	Community Medicine, Psychiatry	DBT	27.5	3 Years
21	BUILDER Programme	Dr. Rajesh Kumar T. Dr.Gowthamarajan Dr.Balasubramanian S	Department of Pharmaceutics, FLS	DBT- BUILDER	600.0	5 years
22	Preclinical evaluation of the therapeutic potential of olfaction for treating dementia	Dr.Manjula	Pharmacology, JSS CP, Mysore	DST-CSRI	40.00	03 Yrs
23	FIST (CEMR Laboratory)	Dr. M.V.S.S.T. SubbaRao (Coordinator)	--	DST	58.0	5 Years
24	Practicing Integrated Yoga And Transcendental Meditation By Frontline COVID Warrior Women To Reduce Perceived Stress, Anxiety And Improve Quality Of Life	Dr.Madhu B	-Dept of Community Medicine, -Dept of Yoga -Dept of Biochemistry	DST- SATYAM	5,50,000	01 Yr 06 Months
25	Therapeutic Targeting of AATF in Nonalcoholic Steatohepatitis (NASH)	Dr. Divya P Kumar	Biochemistry	DST SERB- POWER	30 lakhs	3 years
26	DST - PURSE	Dr. Prashant V	School of Life Science	DST	1736.00	5 years
27	Molecular mechanisms underlying skeletal muscle wasting in Cancer cachexia	Dr. Vinay Kumar MB	Biochemistry	SERB CRG	5357240	3 yrs
28	Quercetin acts as a novel regulator of LXR- α /VDR in Hepatocellular carcinoma.	Miss Nirmala G.S.	--	KSTA	35000	6 months
29	Optimizing ex-vivo hematopoietic stem cell culture and gene editing	Dr.DeepaBhat	Anatomy, Pediatrics, OBG	TIGS Tata Institute of Genetics and Society, Bangalore	2,00,000	2 Years
30	HIV diagnosis in Integrated counselling and testing centre	Dr. M N Sumana	Dept of Microbiology	NACO	10,00,000 Rs. / Year for 20	20 years

					years (From 2003) =2,00,00,000/- (2 Crore)	
31	State Reference Laboratory for EQAS sample distribution and testing	Dr. M N Sumana	Dept of Microbiology	NACO	Rs. 95,00000/-	Continues
32	Viral load testing in HIV treatment response-Consultancy services of the same on samples received from KR Hospital, Asha Kirana Hospital, and TB Sanitorium	Dr. M N Sumana	Dept of Microbiology	NACO	Rs. 98,00000/-	Continues
33	Genomic studies to identify modifiers of beta thalassemia	Dr.Deepa Bhat	Anatomy,Peadtrics	Medgenome	NIL	2 Years
34	Genetic analysis of Parkinson disease in the Indian population	Dr.Shashthara	Anatomy, Neurology	Medgenome	NIL	2 Yrs
35	Clinical trial of Combi Curd: A Longitudinal Study Clinical validation of pre-clinically proven Combi curd with special emphasis on Immunomodulation and Gut microbiota.	Dr.Prakahs Halami	Dept of Microbiology	CFTRI	Rs.5,00,000/-	1 Yr
36	Oral Microbiomes and IL-17 in oral LP	Dr. Ashwini P K	Biochemistry	IADVL	4,00,000/-	3 years
37	Analysis of Resident Memory T (RM) cells and IL 15 levels in vitiliginous patches as predictors of response to treatment and prognosis	Dr.Vinutha R	Biochemistry	IADVL	4.7 lakh	3 years
38	Nasal stents : designing and analyzing efficacy in post- operative management of functional endoscopic sinus surgery	PI - Dr.Amulya T.M.	Dept. of ENT & JSS College of Pharmacy Mysuru IISc Bangalore	NidhiPrayas	1000000	18 months
39	Acceptability and Effectiveness of Mental Healthcare Services to Adolescents among Urban and Rural Areas of Mysuru District by the use of Medical technology	PI: Dr Sunil Kumar D	Community Medicine	Mamta HMIC, New Delhi	1,00,000	1 yr 06 months
40	Cost of illness and Diabetes-Specific Quality of Life among Type 1 Diabetic adolescents in Mysore District	PI: Madhu B	Community Medicine	Mamta HMIC, NewDelhi	1,00,000	1 year
41	Oral health status and oral health related quality of life among children born preterm- A cross sectional study	Dr Indira M D	Public Health	ISPPD	25000	1 year
42	CARE study	Dr. Karl Krupp	Biochemistry University of Arizona	University of Arizona	USD 30,000	1 Year
43	Community centred Health system strengthening for outpatient antimicrobial stewardship with replicating effective programs and framework	Dr. Sunitha Chandrashekhar Srinivas	Microbiology Dept of Pharmacy Practice	Pfizer- USA	1 crore	4 years
44	Surveillance Of Multidrug-Resistant, Extensively Drug-Resistant and Pandrug-Resistant Organisms for the Healthcare facilities using Automated Ast System— A Large Scale National Multicentric Study	Dr Tejashree A Dr. Sujatha S R	Dept of Microbiology, JIPMER	WHO	18,00,000/-	1 year
45	Global Infectious Diseases	Dr.Mahesh P A	Respiratory Medicine	Global Infectious Disease (GID), Fogarty, NIH	USD 1.1 Million Sanctioned	01-06-2017 to 28-02-2023
46	Molecular patho-mechanism of biomass smoke induced chronic obstructive pulmonary disease among women: Population based- and in vitro exposure studies	Dr.Mahesh P A	Respiratory Medicine	Swedish Heart Lung foundation, Karolinska Institute, Sweden	65 Lakhs Received	01-07-2019 to 31-12-2022
47	Understanding the role of lung micro biome in biomass smoke exposure related chronic obstructive pulmonary disease	Dr.Mahesh P A	Pathology	Swedish research council, Karolinska	46 Lakhs Received	01-01-2021 to 31-12-2022

				Institute, Sweden		
48	Adverse effect of outdoor and indoor air pollution on respiratory and vascular function among adolescents	Dr.Mahesh P A	Respiratory Medicine	Swedish Heart Lung foundation, Karolinska Institute, Sweden	15 Lakhs Received	21-03-2022 to 02-06-2023
49	Pilot study to investigate reasons for poor asthma control and to characterize Asthma and allergic rhinitis in the Indian population (SIRPAC India study & CAAR study) – A mixed methods approach	Dr. Mahesh P A	Respiratory Medicine	University of Birmingham	20 Lakhs Received	3 years
50	Objective structured clinical examination in the era of artificial intelligence Human versus AI system	Dr Vikram Patil	Anaesthesio-logy	Google Research, USA	5,00,000/-	2 years

JSSAHER Projects

Sl. No	Title of the Project	Name of the Principal Investigator/Mentor & Department	Grants Sanctioned	Duration
	“Development of antidiabetic bioactive peptides from cow colostrum”	Dr.Nagma Firdose Senior Resident of Pharmacology, JSS MC, Mysuru	50,000.00	01 Yr. 06 Months
1.	Detection of Omicron variants in SARS COV-2 and its clinical Presentations among COVID-19 patients	Dr.Vidyavathi B. Chitharagi Asst. Professor of Microbiology, JSSMC, Mysuru	55,000.00	01 Yr
2.	Evaluating blood Netrin-1 level in Colorectal cancer patients	Dr.Aradya H.V. Asst. Professor of Medical Gastroenterology, JSSMC, Mysuru	1,00,000.00	01 Yr
3.	“Changes in AKT signaling cascade in brain of diabetic mice with and without vitamin D treatment”.	Dr.Vijaya Vageesh Y Asso. Professor of Physiology, JSSMC, Mysuru	50,000.00	01 Yr
4.	Whole genome sequencing of SARS-CoV-2 with correlation of disease severity among ICU patients and outpatients.	Dr.Ranjitha Shankare Gowda Asso. Professor of Microbiology, JSSMC, Mysuru	76,640.00	01 Yr
5.	Studies on cow colostrum bioactive peptides as a modulator of Peroxisome Proliferator-Activated Receptor-y (PPAR-y) targeting obesity and metabolic disorders	Dr.Manu G Asst. Professor of Pharmacology, JSSMC, Mysuru	50,000.00	01 Yr
6.	“Correlation of potential serum biomarkers (amyloid beta-42, Ptau protein, Vitamin B12 and Acetylcholinesterase) with cognitive, functional and behavioral tests to screen the severity of Alzheimer's disease. A Case control study”	Dr. Vidya C S Professor & Head, Dept of Anatomy JSSMC, Mysuru	1,82,624.00	01 Yr
7.	Study on the Osteoprotective efficacy of Calcium rich functional food formulation for Rheumatoid arthritis	Dr.Subramanian R, Professor & HOD of Rheumatology JSSMC, Mysuru	2,50,000.00	01 Yr

8.	A Feasible 2 Dimensional Score to Interpret Patch Test Results for Patients Scnt Images Using Mobile Messenger Apps in Allergic Contact Dermatitis -A Comparative Study	Dr.Kanthraj G R Professor & HOD, Department of Dermatology JSSMC, Mysuru	2,90,000.00	01 Yr
9.	Delineating the mechanisms underlying hyperglycemia mediated muscle atrophy in Drosophila melanogaster	Dr.Vinay Kumar M B Assistant Professor, Dept of Medical Genetics, JSSMC, Mysuru	3,00,000.00	01 Yr
10.	Formulation of a Specialized Topical Serum for Alleviating Extreme Dryness in Psoriasis: Enhancing Moisturization and Improving Skin Health.	Dr. Satish A M Professor & Head, Dept of Pharmacology JSSMC, Mysuru	2,90,000.00	01 Yr
11.	Spatial mapping of microbial populatioon in soil surrounding the hospital/industry	Dr.Sumana M N Professor & Head Dept. of Microbiology JSSMC, Mysuru	10,00,000.00	5 Yr
12.	The role of air pollution and pollen exposure on asthma Mysore, India	Dr.B.S.Jayaraj Professor JSSMC, Mysuru	10,00,000.00	5 Yr
13.	“Antitumor activity of Nrf2 modulating factor of Anacyclus pyrethrum using EAC solid tumour model”	Dr.C.Akhila PG Student, Dept. of Pharmacology, JSSMC, Mysuru	25,000.00	01 Yr
14.	Genotyping and Geo-spatial Mapping of Dengue Genotypes from a tertiary care hospital situated in Mysuru, South India	Ms.Chinchana E S M.Sc., Student,Dept. of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
15.	Comparative evaluation of triglyceride to Glucose index and HOMA-IR in assessing the insulin resistance in Type 2 Diabetes and metabolic syndrome.	Ms.Najmunnissa, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr
16.	Assessment of PCT and CRP in prognosis of patients with fever and Respiratory infections during Covid 19 pandemic	Ms.Apoorva S, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
17.	Latent TB Infection among Health care workers and their Risk Factors in a tertiary care Hospital situated in Mysuru South India A cross sectional observation study	Dr.Sahira Banu, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
18.	In vitro effect of colistin on vancomycin susceptibility against methicillin resistant staphylococcus aureus	Ms.Sahana A P, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
19.	Evaluation of antioxidant capacity of vitamin C enriched foods in human volunteers.	Ms.Miryala Bhanu Prakash, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr

20.	Evaluation of Disc diffusion susceptibility testing on early growth with reduced turnaround time (TAT) as an alternative method to conventional Kirby-Bauer Antimicrobial susceptibility testing	Mr.Gowtham R, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
21.	Evaluation of ELFA in diagnosis of early Dengue infection among suspected cases of acute febrile illness attending a tertiary care hospital	Ms.Srividya M S, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
22.	Assessment of Procalcitonin as a marker of bacterial blood stream infections in pediatric population	Ms.Bindu S, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
23.	Phenotypic characterization of dermatophytes and comparison of Disk diffusion and E-strip methods for antifungal susceptibility testing among dermatophytes	Ms.Nayana G, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
24.	Evaluation of serum lipid peroxidation inhibition capacity in type 2 diabetic subjects and healthy subjects.	Ms.Gayathri G P & Mr.Gowtham B N, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr
25.	Genetic characterization of VRE isolated from diabetic foot ulcer in a tertiary care hospital in Mysuru, South India”	Ms.Greeshma, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
26.	Study of bacterial respiratory pathogens among patients admitted with fever and respiratory symptoms	Ms.Monica N, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
27.	In vitro Synergistic activity of Fosfomycin-Colistin against Carbapenem resistant Klebsiella pneumonia	Mr.Chethan Kumar P, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
28.	Evaluation of direct susceptibility testing in positive blood cultures for timely detection of antibiotic resistance	Mr.Morrow Minteh, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
29.	Diagnostic utility of procalcitonin to determine Gram-negative, Gram-positive bacterial and fungal bloodstream infections.	Ms.Apurba Anshuman Mishra, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
30.	Use of ceftazidime/ avibactam as a therapeutic option for multidrug resistant gram –negative blood stream infections based on its susceptibility profile	Mr.Sreejith R, M.Sc., Student of Microbiology, JSSMC, Mysuru	25,000.00	01 Yr
31.	Evaluation vitamin c levels after administration of Vitamin C enriched foods in healthy human volunteers.	Ms.Aishwarya K M, M.Sc., Student of Biochemistry, JSSMC, Mysuru	25,000.00	01 Yr
32.	Assessment of the genotypic and allelic frequency of CVP2C9 [rs1057910 and rs1799853] in the healthy population of Mysuru"	Ms.Jayashree N Hegade, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr

33.	Association of ESRI gene polymorphism with Pre-Menstrual Dysphoric disorder in South Indian women	Ms. Shuchi O C M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
34.	Correlation of DNMTI and lipid profile in healthy obese individuals"	Ms. Sindhu S and TasmiyaArbeen M M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
35.	Role of IL..6 in myogenic differentiation and its effect on methyl-transferases	Ms. RajashriMundada, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
36.	A study correlating the expression of erythrocytes Glucose 6 phosphate dehydrogenase with osmotic fragility in Diabetic patients	Ms.A Anantha Bhanusree and Ms.Samanmitha S M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
37.	Association of 161C>T(rs7668258), polymorphism with the risk of epilepsy and drug resistance in Indian epileptic patients"	Ms. Neha Ranjith, M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
38.	Frequency of SNP 802C>T(rs7439366) in Indian Epileptic patient and its association to drug resistance"	Ms. Nagashree K S M.Sc. Student, Dept of Medical Genetics, JSSMC, Mysuru	25,000.00	01 Yr
39.	Evaluation of Aldehyde Dehydrogenase 1 Expression In Breast Carcinomas: Association with Molecular Subtypes	Dr. Aswathy N V PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr
40.	Evaluating Capsaicin as A Potential Therapeutic Regimen to Combat Fatty Acids Induced Steatosis Through RNA Induced Silencing Complex (RISC) mediated pathway.	Ms.Varsha Dilip Shiragannavar Research Scholar, Dept. of Biochemistry JSSMC, Mysuru.	25,000.00	01 Yr
41.	Association of VDR gene polymorphism with obesity among young adults – A cross – sectional study.	Ms.Sushma M and Ms.Thrupthi Rai M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
42.	Phytochemical profiling and evaluation of Antiangiogenic effect of Hydroethanolic fruit extracts of Benincasa Hispida	Ms.Devika Dayanandan M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
43.	Evaluation of Hypoglycemic Effect of Benincasa Hispida Fruit Extracts Using in Vitro Cell lines	Ms.Rohini Kulkarni M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
44.	Study of Immunohistochemical Expression of BRAF in Colorectal Carcinoma	Ms.V G Janani PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr
45.	A Study to know the impact of Glycemic Control on Erythrocyte Superoxide Dismutase levels in Controlled Diabetics.	Mr.Balusupati Gopikrishna 2ndYear, M.Sc Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
46.	A Study to know the impact of Glycemic Control on Erythrocyte Super Dismutase levels in Uncontrolled Diabetics	Ms.Athira Ramdas 2ndYear, M.Sc Medical	25,000.00	01 Yr

		Biochemistry JSSMC, Mysuru		
47.	Unravelling the novel role of Hesperidin in high calorie diet induced steatosis model via modulating the PPAR- γ /NF- κ B signalling pathway.	Ms.Nirmala G S Research Scholar, Dept. of Biochemistry JSSMC, Mysuru.	25,000.00	01 Yr
48.	“Correlation of systemic oxidative stress status and abdominal adiposity in T2D patients for CVD risk stratification”.	Mr.Lohithkumar K & Ms.Krishnapriya M M.Sc., Student, M.Sc., Medical Biochemistry JSSMC, Mysuru	25,000.00	01 Yr
49.	“Medical Technology based smartphone Application in the Management of Cancer”	Dr.G Hari Prakash Ph.D Student, Dept of Community Medicine, JSSMC, Mysuru	25,000.00	01 Yr
50.	Study of Immunohistochemical Expression of BRAF in Thyroid Neoplasms	Dr.P U Vishnuprasad PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr
51.	Glomerular C4D Deposition In Proliferative Glomerulonephritis : A Clinico- Pathological Study	Dr. Gitanjali N Warrier PG Student, Dept of Pathology JSSMC, Mysuru	25,000.00	01 Yr

Consultancy projects

Research Collaborations & Consultancies

Sl No	Collaboration with Institution name	Area	Objectives	Outcomes	Financial details	MOU/MOA
Anatomy						
1	Institute of Public Health	Hemoglobinopathies	CTRITH	India Alliance Wellcome trust project	Granted	MOU
2	Tata Institute for Genetics and Society (TIGS)	Genetics	Joint research in disease biology, community engagement in the field of blood disorders and social science research in understanding the challenges and needs of patients with blood disorders between the JSS Medical College, Mysuru (JSSMC, Mysuru) and the Tata Institute for Genetics and Society (TIGS).	Ongoing research	--	MOU
3	Bodoland University, Assam	Cognitive abilities among SCD children	Cognitive abilities between hydroxy urea treated & untreated SCD children	Ongoing research	1500000	Research collaboration
Biochemistry						
4	CSIR-CFTRI and JSS STU, Mysore	AI and Diabetes	To develop a personalized meal plan for individuals with diabetes using artificial intelligence	The project is currently ongoing	CFTRI – 1.5 Lakhs JSS STU – 1.5 Lakhs	MOA
5	Bangalore Baptist Hospital	Spinal Muscular atrophy	Standardizing and developing a PCR-based diagnostic tool to identify SMN1 exon7 deletion.	The study aims to develop a PCR-based diagnostic tool to identify the homozygous deletion of the SMN1 gene and to standardize it to a low-cost assay by performing simple conventional PCR methods.	-	MOU
6	Center for cellular & Molecular Biology, Hyderabad	Genetics of Diabetes Mellitus	Research Collaboration	Initiated the project	Rs 2,00,000/- received from CCMB to JSSAHER	MOU
7	The Genomic Medicine Foundation UK (GMF-UK)	Medical genomics	To formulate multi-centric collaborative research and development projects in Medical Genomics. • To publish outcomes of joint research collaborations in peer reviewed open access biomedical journals and online resources. • To develop protocols and establish links for providing quality molecular diagnostic laboratory services at JSS Hospital and Medical College.	Protocol development for genomic diagnosis – ongoing	--	MOU

8	Public Health Research Institute of India	Cervical Cancer	Screening of women for cervical cancer using HPV kit and collaborative publications	Screening activities are going on	--	MOU
	Medical Genetics					
9	Indian Institute of Science	Cancer and Diabetes	Research and academic collaboration	Ongoing		MOU signed
	Pharmacology					
10	Sadvaidyasala Pvt., Ltd, Nanjangud B.V. PUNDIT's Traditional & Herbal Healthcare	Caner Biology	1. To collaboratively undertake research on finding novel drug targets, isolation of compounds of medicinal value from herbal products.24. To share competent and relevant services like providing Ayurvedic formulations to ensure quality research in finding novel drug targets. 5. To undertake joint scientific projects in the field of drug development.	1 Publication- Pharmacological profile of Shiva Gutika: an uncharted and versatile polyherbal drug- Published in ALL LIFE International journal (March-2021) *One project computed (Rs.40000/- JSSAHER Fund)-Screening of anticancer activity of Ayurvedic formulations on breast cancer cell lines One Faculty pursuing Ph.D	Shivagutika capsules are supplied Each bottle costs Rs 500 for 50 capsules	MOU
11	The Leads Clinical Research and Bio-services Pvt.Ltd, Bengaluru	Pre clinical trials	Conduct of Clinical - Preclinical trials at JSS Medical college and hospital Exchange of facilities and expertise for collaborative or Independent research and publications based on the policies of both entitle	Ongoing	--	MOU
12	Defence Food Research Laboratory, (DFRL) Mysuru	Pre clinical / clinical studies in the development of food products.	1. To facilitate ethical clearance in conducting human/clinical trials of food products. 2. To identify other areas of possible interest and collaboration. 3. To identify opportunities for exchange of faculty and research staff.			Type of Agreement: MOU Date of Signing the Agreement: 31.10.2019 Duration of Agreement: 5 Years
	Pathology					
13	JSS Science and Technology	Artificial Intelligence	Automatic tool for generation of electronic health records for breast carcinoma using pathology information	---	Nil	MOU
14	JSS Science and Technology	Artificial Intelligence	Normalization and Classification of Histopathology Electronic Health Records on Breast Cancer Using Nlpand MI Approaches	---	Nil	MOU
15	Regional Cancer Centre, Trivandrum	Cancer Research	Student exchange, Collaborative research projects and publications	---	---	MOU
	Microbiology					

16	CMC Vellore	Bacteriophage therapy	To access the activity of bacteriophage against MDRO GNB	Work is in progress- Review article	NIL	MOU
17	Shastra University	Biofilm	To access the activity of Hypoxanthocyanidine against the biofilm	Work in progress	NIL	MOU
Community Medicine						
18	Swami Vivekananda Youth Movement, Mysore	Tribal health	<ul style="list-style-type: none"> To collaboratively undertake health care research especially focused on public health To share competent and relevant human resources for training health care professionals. To undertake joint consultancy assignment in public health. 	Ongoing research	---	MOU
19	Institute for Global Public Health Frank H. Netter MD School of Medicine Quinnipiac University, USA	Global public health	Joint or co- operated scientific research in selected areas of mutual interest.	Ongoing research	Project based Two publications	MOU
School of Public Health						
20	GRAAM	Urban Youth Governance	<p>To develop students of MPH with professionalism, leadership and to be socially responsible youth of the nation.</p> <ul style="list-style-type: none"> To Build the Capacity of the MPH students on Urban Governance issues including Urban Health and Sanitation challenges. To Mentor students in the space of urban governance and to conduct group research, for in-depth understanding of the urban governance issues. To embrace the challenges of the 21st Century by being part of the governance system and to find innovative solutions to new age challenges 	Fellowship program for 7 MPH students		MOU
21	University of Arizona	International Collaboration for empowering Public Health Education	<p>To work jointly in developing and implementing research with regard to health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage.</p> <p>Joint PhD programme & internship training</p>	Faculty exchange program under Full bright Scholarship		MOU
22	Piramal Swasthya	Public Health, Tribal Health	Collaborative research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, neglected tropical diseases	Internship for 3 students in 2022		MOU

			and other key elements of health for all and universal health coverage.			
23	Novartis	Sickle Cell Disease, Health system strengthening	Objective 1: Identification of Mentors & Formation of state specific SCD Technical Committee to conceptualize and implement SCD care model in the region Objective 2: Education & Certification Program of HCPs managing SCD in Karnataka Objective 3: Development of SCD management protocol: Objective 4: Defining the way forward charter to establish Integrated SCD	SCD care model project proposal submitted		MOA
24	Institute of Public Health, Bengaluru	Public health	To work jointly in developing and implementing research, including but not limited to research on health services, public policy, health equity especially with tribal communities, comprehensive primary health care, non-communicable diseases, and other key elements of health for all and universal health coverage.	Ongoing research	--	MOU
General Medicine						
25	MPMRT	Thyroid dysfunction among pregnant women	Thyroid dysfunction and thyroid autoimmunity in women with iron deficiency anaemia in early pregnancy	Ongoing research	--	MOU
Radio-Diagnosis						
26	Nesa MedTech	Uterine fibroids	RFA of Fibroid	Development of new method for treatment of Fibroids is being tested on specimens.	DBT	Collaborative Research Agreement
27	iMERA.AI (UK)	AI	Efficacy of deep learning algorithms in reporting MSK Radiographs	Development of Software is going on	10Lakshs Grant	Collaborative Research Agreement
28	Aikenist	AI	Fast MRI	Evaluation going on	Free software provided	Collaborative Research Agreement
Dermatology						
29	JSS Academy of Technical Education, (JSSATE), Bengaluru	Biomedical applications in wound therapy	To provide laboratory facilities for determination of the antimicrobial activities Evaluation of rationally designed novel peptide-based biomaterials prepared by Faculty from JSSATE, Bengaluru and their students towards the biomedical applications such as wound therapy and tissue engineering. Development of novel material for the prevention of adhesions such as catheter coating.	Ongoing	--	MOU
Respiratory Medicine						

30	IIT Madras	Air pollution	Community based projects on biomass fuel and particulate matter	Ongoing research project	--	--
31	Indian Institute of Technology- Bombay (IIT-B), Mumbai	Air pollution and lung function	Lung function in children and effects of long term exposure to traffic induced pollution	Ongoing research	--	MOA
Urology						
32	USI & KEM hospital, Mumbai	Urology- Prostate	Audit of patients characteristics and surgical practices of management of BOO due to BEP among Indian population	Study going on	--	MOU
Neurology						
33	MS Ramaiah Medical College, Bangalore	Epilepsy	To evaluate and treat Drug resistant epilepsy Surgical options for intractable epilepsy	Evaluation study	Based on individual patient recruited	MOU
Paediatrics						
34	AIIMS, New Delhi	COVID-19 Pandemic in Children and MIS-C	To understand the neurological manifestations of COVID-19 and Multisystemic Inflammatory Syndrome in Children (MIS-C) in children aged up to 18 years and psycho-social issues in children aged up to 18 years with pre-existing neurological disorders during the pandemic	Project	--	MOU

Projects aligning to SDG 9

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 Meenakshi S Lecturer, Dept. of Prosthodontics Co-PI Dr Raghunath N, JSSDCH	An interprofessional approach to dental workplace ergonomics perspectives, principles and practices	3.00	VGST FDP Program	2 Yrs.	Submitted June-2024	Under review
2	Principal Investigator: Dr Meenakshi S Lecturer, Dept. of Prosthodontics Co-PI Dr Riyaz Ali Osman Dr Dhakshaini M.R.	Development, formulation and characterization of sericin – chitosan natural polymer blends incorporated denture adhesive gel for geriatric denture wearers -randomized double clinical trial Equipment Rs.19.00	30.00	VGST	2 Yrs.	Submitted June-2024	Under review
3	Principal Investigator: Dr Sreeshyla H S Lecturer Dept. of Oral Pathology CO-PI: Dr. Usha Hegde Dr Subba Rao	Isolation and characterization of bioactive compounds from plant extracts for treating and prevention of oral diseases	45.00	ICMR	3 Yrs.	Submitted March 2024	Under review

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
	Dr Sushma R, JSSDCH						
4	Principal Investigator: Dr. Usha Hegde Prof. & HOD Dept. of Oral Pathology CO-PI: Prof Rajesh Kumar Thimmulappa,JSSAHER Dr Usha Hegde, JSSDCH Dr Sreeshyla H S, JSS DCH Dr Vinay Kumar MB, JSSAHER	Development of oral pre-biotic product for improving oral health in high risk subjects by characterizing healthy oral microbiome	100.00 Equipment Rs. 20.00	ICMR	3 Yrs.	Submitted March 2024	Under review
5	Principal Investigator Dr Kanika Singh Dhull Prof., Kalinga Institute of Industrial Technology, Co-PI: Dr Indira M D Lecturer Dept. of Pediatric & Preventive Dentistry	Maa Aur Shishu Mukh Swasthya Pariyojana (MaaSMSP)-Oral Health Integration in Maternal and Child Health: A collaborative Interprofessional Approach	158.00	ICMR		Submitted March 2024	
6	Principal Investigator Dr Gayatri Rangarajan Iyer Scientist-II, The Institute for genetics and society. Co-PI: Dr Indira M D Lecturer Dept. of Pediatric & Preventive Dentistry	Molecular diagnosis in cleft lip and palate-a window to identify genetic aetiology, plan appropriate management and develop targeted therapy	140.00	ICMR		Submitted March 2024	Under review
7	Principal Investigator: Dr Arpit Gupta Post Graduate Institute of Medical Education and Research, Chandigarh Dr B Nandlal Prof., & HOD Dept. of Pediatrics & Preventive Dentistry	Delivering oral health care to mother-child dyad through Anganwadi centres in India: A multisite study with pragmatic approach	70.00	ICMR	3 yrs.	Submitted March 2024	Under review
8	Principal Investigator: Dr Raghavendra Shanbhog Co-PI: Dr Thippeswamy Dr Subbarao MVSST Dr Chanchala HP	Exploring metabolomic biomarkers and genome-wide DNA methylation in adolescents exposed to varied levels of fluoride and associating the same with their	10.446 Equipment 40.00	ICMR	3 yrs.	Submitted March 2024	Under review

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
	Dr Deepa Bhat Dr Kishor M Dr B Nandlal	Intelligent Quotient and Internalizing-Disorder					
9	Principal Investigator: Dr Chandrashekar B R Prof., & HOD Dept. of Public Health Dentistry CO-PI: Dr Suma S, JSSDCH Dr Saravanababu, Animal House	Formulation, characterization and evaluation of a novel formulation to reduce nicotine withdrawal symptoms.	57.90 No Equipment	ICMR	3 yrs.	Submitted March 2024	Under review
10	Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics	Therapeutic evaluation of propolis based chewable tablets in smoking induced human tongue squamous cell carcinomas	50.00	ICMR	3 Yrs.	Submitted March 2024	Under review
11	Principal Investigator: Dr Suma S Reader Dept. of Orthodontics	Development and validation of a novel, innovative artificial intelligence-based algorithm to predict the diagnosis, personalized treatment plan and expected outcomes in orthodontics and dentofacial orthopedics	30.22	ICMR	3 Yrs.	Submitted March 2024	Under review
12	Principal Investigator: Dr Rammohan, JSSCP Dr Mahesh K P (Co-PI) Reader Dept. of Oral Medicine	Developing a of oral squamous cell carcinoma	45.00	ICMR	3 Yrs.	Submitted 1.3.2024	Under review
13	Principal Investigator: Dr Mahesh K P Reader Dept. of Oral Medicine CO-PI Dr Karthikeya Patil Dr Sushanth, FLS	Integrating Karnataka population with strategies to bridge the gap through artificial intelligence	85.00	ICMR	3 Yrs.	Submitted 1.3.2024	Under review
14	Principal Investigator: Dr Shyam Sundar Reader Dept. of Oral Surgery CO-PI Dr Brinda Dr Sudha Vellore Institute Technology	Advanced AI for automated measurement of alveolar bone dimensions relative to anatomical landmarks for precise dental implant planning: Integrating hybrid GAN and P-TransUNet frame work	83.75 Equipment Rs.8.50	ICMR	3 Yrs.	Submitted 29.2.2024	Under review

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
15	Principal Investigator: Dr Bhagyalakshmi A Reader Dept. of Orthodontics	To assess breathing patterns of 6 to 9 year old children and develop an android based application for self-assessment of breathing pattern – ArcGIS software based study	64.95 Equipment Rs.7.10	ICMR	3 Yrs.	Submitted 20.2.2024	Under review
16	Principal Investigator: Dr Nagabhushana D Reader Dept. of Oral Medicine CO-PI Dr Sushma R Dr Karthikeya Patil	Oral Manifestations of Tuberculosis: Step towards early diagnosis and prevalence	18.08 No Equipment	ICMR	2 yrs.	Submitted 20.2.2024	Under review
17	Principal Investigator: Dr Anupama C Lecturer Dept. of Prosthodontics CO-PI Prof Aradya HV Dr Ravi M B Dr Dhakshaini M R Dr Raghavendraswamy K N	Comparative evaluation of the oral and dental health status among patients with and without inflammatory bowel disease (IBD)-A hospital bases study	37.91	ICMR	3 Yrs.	Submitted 15.2.2024	Under review
18	Principal Investigator: Dr Sushma R Lecturer Dept. of Public Health Dentistry CO-PI Dr Subbarao, JSSMC Dr Nagabhushan D Dr Sreeshyla H S	In vitro and In vivo assessment of the therapeutic potential of simarouba glance leaf extract for the treatment of oral squamous cell carcinoma (OSCC)	85.40513 Equipment Rs.27.00	ICMR	2 Yrs.	Sanctioned 7.2.2024 EM/SG/Dev/Res/117/6590-2023 (E-office-169914) 7.2.2024	45.34949
19	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry CO-PI Dr Sowmya S, JSSDCH Dr Suma S, JSSDCH Dr Vanitha Reddy P, FLS	Effectiveness of comprehensive oral health care services in improving the oral health status, oral health related quality of life and nutritional status among geriatric population residing at old age homes of Mysuru district – A prospective study.	45.54295	ICMR	3 Yrs.	Sanctioned No.5/4/2-10/OH/2023-NCD-II 15.1.2024	Under review
20	Principal Investigator: Dr Sathish R Professor, Dept. of Oral Surgery	Evaluation of efficacy and safety of aceclofenac + Paracetamol + Serratiopeptidase combination after	7.83	IPCA lab, Mumbai		Sanctioned 30.01.2024 IpcA/APSP/ PIV-21	Under review

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
		impacted lower third molar surgery; A randomized, double blind comparison with aceclofenac+paracetamol combination					
21	Principal Investigator: Ms. Pavithra T Cauvery College of Life Sciences, Mysuru Co-PI: Dr Meenakshi S Lecturer, JSSDCH	Evaluation of red complex bacteria in geriatric denture wearers-a clinico-microbiological study	2.00 No equipment	RGUHS	2 Yrs.	Sanctioned 18.1.2024	Under review
22	Principal Investigator: Dr Ramith Ramu JSSAHER Co-PI: Dr Meenakshi S Lecturer Prosthodontics	Development and application of antimycotic self gelling probiotic powder targeting candida albicans infections in geriatric denture wearers and oroantral communication patients	42.00 Equipment Rs.10.00	ICMR	3 Yrs.	Sanctioned 15.1.2024	16.15124
23	Principal Investigator Dr Pandareesh M D Asst. Prof. Adichunchanagiri University B G Nagara Co-PI Dr Shyam Sundar S Reader Dept. of Oral Surgery	Ag-ZnO nanogel: A novel promising approach for photocatalytic antimicrobial therapy	9.50	DST Nidhi Prayaas Scheme by SJCE STEP	12 Months	Sanctioned 25.11.2023	
24	Principal Investigator: Dr Indira MD lecturer Dept. of Pedodontics & Preventive Dentistry CO-PI: Dr Prashanth Vishwanath Dr Akhila Prashanth Dr Sunilkumar D Dr Prashanth S N Dr Shobha C R Dr Raveesh, KSTRI Dr Prabha Urs, KSTRI	Bridging healthcare gaps with Science and Technology Transforming the lives of tribal children in ashrama schools	136.29 Equipment Rs. 1.50	SEED Tribal Sub Plan (TSP)	3 Yrs.	Submitted 31.10.2023	Under review
25	Principal Investigator: Dr Indira MD lecturer Dept. of Pedodontics & Preventive Dentistry CO-PI:	Reaching the unreached to prevent early childhood caries-Tribal School Based Caries Preventive Programs (TSCPP)	55.35 Equipment Rs. 89,000/-	The borrow foundation	2 yrs.	Submitted 01.11.2023	Under review

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
	Dr Prashanth Vishwanath Dr Chetak Dr Raveesh, KSTRI Dr Prabha Urs, KSTRI						
26	Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics Co-PI: Dr Sushma R, JSSDCH Dr Chandan S, FLS Dr Dhakshaini M R, JSSDCH Dr Nagabhushan D, JSSDCH	Formulation and evaluation of chewable propolis-probiotic tablets for optimizing elderly oral health: A multifaceted invitro and clinical investigation	48.58 No Equipment	SEED Technology interventions for disabled and elderly TIDE	3 Yrs.	Submitted Sept-2023	Under review
27	Principal Investigator: Dr Prathibha Shashikumar Reader Dept. of Periodontology Co-PI: Dr Neetha S Murthy	Comparison of efficacy of a non alcoholic botanical mouth rinse with chlorehexidine gluconite mouth rinse in the treatment of gingivitis. A clinical and microbiological study	1.71092	Group Pharmaceuticals Ltd., B'lore	6 Months	Sanctioned 18.07.2023	
28	Principal Investigator: Dr Chanchala H P Lecturer Dept. Of Pediatric & Preventive Dentistry Co-investigator Dr B Nandlal Dr Raghavendra Shanbhog Dept. of Pediatrics & Preventive Dentistry	Evaluation of Oralife- A botanical non alcoholic oral rinse (BOR) on S Mutans in children	1.84	Group Pharmaceuticals Ltd., B'lore	6 Months	Under review	
29	Principal Investigator: Dr Mahesh K P Reader Dept. of Oral Medicine	Tobacco production and oral cancer prevalence through geospatial with strategies to bridge the gap with artificial intelligence	96.00 Equipment Rs.60.00	ICMR	3 Yrs.	Submitted 20.07.2023	Under review
30	Principal Investigator: Dr Shyam Sundar Reader Dept. of Oral Surgery	Customized reconstruction of craniofacial skeletal defects using 3D bioprinted scaffolds with novel osteo-angiogenic bioink containing chitosan rakthavalli conjugated hydroxyapatite nanostructures synthesized using mechanochemical bio	348.00	ICMR	4 Yrs.	Submitted 18.7.2023	Under review

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
		hydrothermal technology					
31	Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pediatrics & Preventive Dentistry	Three dimensional morphometric evaluation of the alveolar changes induced by 3D bio-printed feeding appliances among cleft lip and palate affected infants – A follow up study	18.00 Equipment 's 16.00	VGST K-FIST	3 YRs.	Submitted June-2023	Under review

Faculty: JSS Academy of Higher Education & Research Projects

Sl. No.	Name of the Principal Investigator / Department	Name of the project	Amount In Lakhs	Period From To	Status Ongoing / completed / submitted	Grants received In Lakhs	Grants balance In Lakhs
1	Dr Usha Hegde Prof., & HOD Dept. of Oral pathology	Evaluation of Immunomodulatory Mediators Interleukin-33 (IL-33), Soluble Suppression of Tumorigenicity 2 (ST2), Interleukin-10 (IL-10), Interferon Gamma (IFN- γ) in the Serum of Patients with Oral Pote	2.50	2 Yrs.	Sanctioned 18.3.2024	1.25 JSSAHER/FI N/R&D/2023- 24/876/21/30. 3.2024	1.25
2	Dr Chandrashekar B.R Prof., Dept. of Public Health Dentistry	Development of a novel, innovative herbal formulation to reduce tobacco withdrawal symptoms and promote healing of tobacco-related oral lesions.	3.00	2 Yrs.	Sanctioned 21.12.2023	1.50	1.50
3	Dr Indira M D Lecturer Dept. of Paedodontics and Preventive Dentistry	Comprehensive health screening of tribal children attending ashrama schools (Karnataka state tribal research institute) (KSTRI)	24.57	3 Months	Sanctioned 21.9.2023		
4	Dr Chanchala H P Lecturer Dept. of Paedodontics and Preventive Dentistry.	Development and evaluation of Nano sponge loaded therapeutic oral wipes	0.50	8 Months	Sanctioned 31.3.2023	0.25 JSSAHER/FI N/199/31.5.2 023	0.25

Students: JSS Academy of Higher Education & Research Projects

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakh	Period From To	Status Ongoing / completed / submitted	Grants received
1.	Dr Abhinaya Ananthakumar PG Student Guide: Dr Seema Deshmukh Reader Dept. Of Pedodontics	Clinical Evaluation of the Effectiveness of Zinc Oxide Nanoparticles-Containing Cavity Disinfectant on the Retention of Restorations in Carious Primary Molars	0.80	1.5 Yrs.	Submitted 3.6.2024	Under review
2.	Dr Karthikaa Sivam PG Student Guide: Dr Thippeswamy H.M Reader, Dept. of PHD	Association of consequences/ sequelae of untreated dental caries and Body Mass Index (BMI) among primary school children, Mysuru city, India - A case-control study	0.10	7 Months	Submitted 3.6.2024	Under review
3.	Dr Karthikaa Sivam PG Student Guide: Dr Thippeswamy H.M Reader, Dept. of PHD	The relationship between prevalence of dental caries, Body Mass Index (BMI) and the consumption of sucrose containing food items among 3-5-year-old school children of employed and unemployed mothers	0.25	9 Months	Submitted 3.6.2024	Under review
4.	Dr Bhuvaneshwari S PG Student Guide: Dr Chandrashekar B.R Prof., Dept. of PHD	Evaluation of tobacco-related Knowledge, attitude, and practices among construction workers in Coimbatore city - A cross-sectional study	0.12	6 Months	Submitted 28.3.2024	Under review
5.	Dr Karthikaa Sivam PG Student Guide: Dr Thippeswamy H.M Reader, Dept. of PHD	Assessment and comparison of oral health status, Oral Health Related Quality of Life (OHRQoL) and dental attendance among tribal and non-tribal pregnant women in Salem district, Tamil Nadu	0.28	12 Months	Submitted 28.3.2024	Under review
6.	Dr Gaddameedi Pedda Sai Chandana PG Student Guide: Dr Parinitha M.S Reader Dept. of Conservative Dentistry	Effect of EDTA and sodium hypochlorite on push out bond strength of biodentine bio-c root repair and novel hydroxyapatite-silica nano powder infused with conventional GIC root repair materials.	1.06	15 Months	Submitted 5.2.2024	Under review
7.	Dr Rachana S N PG Student Guide: Dr Sunil Tejaswi K.L Reader	Evaluation of pushout bond strength between two herbal modified zinc oxide eugenol sealers - an invitro study	0.59	10 Months	Submitted 3.2.2024	Under review

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakh	Period From To	Status Ongoing / completed / submitted	Grants received
	Dept. of Conservative Dentistry					
8	Dr Sahil Singh PG Student Guide: Dr Annapoorna B.M Prof., Dept. of Conservative Dentistry	Comparative evaluation of effect of low level laser therapy on success rate of inferior alveolar nerve block in mandibular posterior teeth symptomatic irreversible pulpitis and on post endodontic pain.	0.30	18 Months	Submitted 9.1.2024	Under review
9	Dr Nidhi Pandey PG student Guide: Dr Sunil Tejaswi K.L Reader Dept. of Conservative Dentistry	Assessment of Non Thermal Atmospheric Plasma on the Push Out Bond Strength of fiber reinforced post in root canal system An in vitro study	0.62	10 Months	Submitted 6.1.2024	Under review
10	Dr R Sumukh Bharadwaj 8.PG Student Guide: Dr Ashwini T S Prof., Dept. of Conservative Dentistry	Evaluation & Comparison of the antibacterial efficacy of Psidium guajava leaf extract and citrus sinensis as an irrigating solution against enterococcus faecalis using photodynamic therapy	0.25	1 Yr. 3 Mon	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
11	Dr Ajay Utkarsh Kotha PG student Guide: Dr Paras Mull J Reader, Dept. Of Conservative Dentistry	Evaluation of Immunomodulatory Mediators Interleukin-33 (IL-33), Soluble Suppression of Tumorigenicity 2 (ST2), Interleukin-10 (IL-10), Interferon Gamma (IFN- γ) in the Serum of Patients with Oral Pote	0.25	1 Yr. 3 Mon	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
12	Dr Gaddameedi Pedda Sai Chandana PG Student Guide: Dr Parinitha M.S Reader, Dept. of Conservative Dentistry	To evaluate the antibacterial efficacy of cobalt nanoparticles (conps) as an irrigant against Enterococcus faecalis biofilm - An invitro study	0.25	1 Yr. 3 Mon	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
13	Dr Nidharshana S Nair PG student Guide: Dr Jyothi Kiran H Prof., Dept. of Orthodontics	Effect of edta and sodium hypochlorite on push out bond strength of biodentine , bio-c root repair and novel hydroxyapatite-silica nanopowder infused with conventional gic root repair materials.	0.25	1 Yr. 3 Mon	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
14	Dr Sanjana A Shetty PG student Guide: Dr Raghunath N Prof., Dept. of Orthodontics	Evaluation of effectiveness of fluoride release and comparison of shear bond strength of different orthodontic bonding adhesives using fluoride releasing self etching primer: an in vitro study	0.25	1 Yr.	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
15	Dr Rachana S N PG student	An evaluation of four different remineralizing agents using QLF and	0.25	10 Months	Sanctioned	0.125 JSSAHER/ FIN/R&D/

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakh	Period From To	Status Ongoing / completed / submitted	Grants received
	Guide: Dr Sunil Tejaswi K.L Reader, Dept. of Conservative Dentistry	surface microhardness test: An invitro study			JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	2023-24 / 876/ 21/ 30.3.2024
16	Dr Anita Singh PG student Guide: Dr Suman Basavaraj Prof., Dept. of Periodontology	Evaluation of pushout bond strength between two herbal modified zinc oxide eugenol sealers - an invitro study	0.25	6 Months	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
17	Dr Arathi P A PG student Guide: Dr Premalatha B.R Reader, Dept. of Oral Pathology	Sub-gingival delivery of 1.2% Simvastatin and 1.2%Rosuvastatin thermosensitive gel for the treatment of Chronic periodontitis in post - menopausal women - Clinical and Immunological study: A RCT	0.25	6 Months	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
18	Dr Parvathy B Chandran PG student Guide: Dr Usha Hegde Prf., Dept. of Oral pathology	Craniometric analysis of adult mysuru population-a computed tomography based anthropometric study	0.23	6 Months	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.115 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
19	Dr Aiswarya G R PG student Guide: Dr Sreeshyla H.S Lecturer, Dept. of Oral Pathology	Analysis of accuracy of mandibulometry using two 3d scanning mobile applications in human dry mandible-a comparative study	0.14	6 Months	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.07 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
20	Dr Suman S D PG Student Guide: Dr Prashanth S Professor Dept of Pediatric & Preventive Dentistry	Evaluation of accuracy and reliability of the digital cephalometric method in comparison with manual method and photogrammetric method	0.25	6 months	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
21	Dr Ashwini A PG student Guide: Dr Usha Hegde Prof., Dept. of Oral pathology	Evaluation of Accuracy and Reliability of the Digital Cephalometric Method in Comparison with Manual Method and Photogrammetric Method.	0.25	1 Yr.	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
22	Dr Dakshina J PG student Guide: Dr Anitha S Reader, Dept. of Periodontology	Appraisal of tobacco specific nitrosamine compounds in filler and filter of different cigarette brands in india using liquid chromatography - a comparative study	0.25	1 Yr.	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024
23	Dr Nidhi Pandey PG student Guide: Dr Sunil Tejaswi K.L	Effect of periodontal intervention on the levels of n terminal pro brain natriuretic peptide in gingival crevicular fluid in diabetic and non-diabetic patients with periodontitis	0.25	10 Months	Sanctioned JSSAHER/RE G/URG/54/202 3-24/14906 18.3.2024	0.125 JSSAHER/ FIN/R&D/ 2023-24 / 876/ 21/ 30.3.2024

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakh	Period From To	Status Ongoing / completed / submitted	Grants received
	Reader, Dept. of Conservative Dentistry					
24	Dr Oswin Joseph Fernandes PG student Guide: Dr Annapoorna B.M Prof., Dept. of Conservative Dentistry	Assessment of Non Thermal Atmospheric Plasma on the Push Out Bond Strength of fiber reinforced post in root canal system An in vitro study	0.25	10 Months	Sanctioned JSSAHER/RE G/URG/54/2023-24/14906 18.3.2024	0.125 JSSAHER/FIN/R&D/2023-24 / 876/ 21/ 30.3.2024
25	Dr Adarsh Choudhary PG student Guide: Dr Saikrishna D Professor, Dept. of Oral Srugery	Comparative Evaluation of effect of intracanal cryotherapy and low level laser therapy (980 nm) in single rooted teeth with symptomatic irreversible pulpitis and apical periodontitis on post endodontic	0.25	10 Months	Sanctioned JSSAHER/RE G/URG/54/2023-24/14906 18.3.2024	0.125 JSSAHER/FIN/R&D/2023-24 / 876/ 21/ 30.3.2024
26	Dr Supreeth S Gowda PG student Guide: Dr Ashwini T.S Professor Dept. of Conservative Dentistry	A comparative study between twin-fork miniplate versus dual miniplates for internal fixation of mandibular fractures	0.25	10 Months	Sanctioned JSSAHER/RE G/URG/54/2023-24/14906 18.3.2024	0.125 JSSAHER/FIN/R&D/2023-24 / 876/ 21/ 30.3.2024
27	Dr Pratima Chaurasia PG student Guide: Dr Sheela Kumar Gujjari Prof., Dept. of Periodontology	To Compare and evaluate the efficacy of ultrasonic activation on AH Plus Bioceramic and AH Plus resin sealer on sealing ability of lateral canals : An In-Vitro Stereomicroscopic analysis	0.25	1 Yr.	Sanctioned JSSAHER/RE G/URG/54/2023-24/14906 18.3.2024	0.125 JSSAHER/FIN/R&D/2023-24 / 876/ 21/ 30.3.2024
28	Dr Radhika Muralidharan PG student Guide: Dr Suman Basavaraj Reader, Dept. of Periodontology	To evaluate the association of duration of sleep and body mass index as potential risk factors for periodontitis and other comorbidities in duty nurses	0.25	1 Yr.	Sanctioned JSSAHER/RE G/URG/54/2023-24/14906 18.3.2024	0.125 JSSAHER/FIN/R&D/2023-24 / 876/ 21/ 30.3.2024
29	Dr Swathi Vathsa PG student Guide: Dr Vidya Priyadharshini D S Reader, Dept. of Periodontology	To assess the antimicrobial efficacy of Calendula officinalis in the treatment of gingivitis- A Randomized Controlled Trial.	0.25	8 Months	Sanctioned JSSAHER/RE G/URG/54/2023-24/14906 18.3.2024	0.125 JSSAHER/FIN/R&D/2023-24 / 876/ 21/ 30.3.2024
30	Dr Sreejeeta Dey PG student Guide: Dr Seema Deshmukh Reader., Dept. of Pediatric Dentistry	Relationship between periodontal disease in terms of Periodontal Inflamed Surface Area (PISA) and serum markers in diabetic patients undergoing hemodialysis	0.25	1 Yr.	Sanctioned JSSAHER/RE G/URG/54/2023-24/14906 18.3.2024	0.125 JSSAHER/FIN/R&D/2023-24 / 876/ 21/ 30.3.2024

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakh	Period From To	Status Ongoing / completed / submitted	Grants received
31	Dr L.V.Aarthi PG Student Guide: Dr Prashanth S Prof., Dept. of Pediatric Dentistry	Comparative Evaluation of Presurgical Nasoalveolar Molding using Digitally designed and 3D printed NAM appliance with Modified Graysons NAM appliance in Unilateral Cleft lip and palate infants- A Ran	0.25	1.2 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/ 21.12.2023	0.125 JSSAHER/ FIN/RDF/ 413/2023- 24/702/29. 1.2024
32	Dr M Abhinaya PG Student Guide: Dr Anilkumar G Prof., Dept. of Prosthodontics	A Study on the Efficacy of Propolis and Commercially available decontaminants for Denture decontamination - A Comparative Ex-vivo study	0.25	6 Mon.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/ 21.12.2023	0.125 JSSAHER/ FIN/RDF/ 413/2023- 24/702/29. 1.2024
33	Dr S.G.Padmapiriya PG Student Guide: Dr Nanditha Kumar M Reader Dept. of Prothodontics	Evaluation and Comparison of Flexural Strength, Impact Strength, and antimicrobial Property of Nanocellulose Reinforced Heat Cure Acrylic Resin With Conventional Heat Cure Acrylic Resin an In Vitro Study	0.25	1 Yr.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/ 21.12.2023	0.125 JSSAHER/ FIN/RDF/ 413/2023- 24/702/29. 1.2024
34	Dr Madhuvanathi Gopalakrishnan PG Student Guide: Dr Jyothi Kiran H Prof, Dept. of Orthodontics	Comparative evaluation of Shear bond Strength and Adhesive remnant Index Score of primerless orthodontic adhesive and conventional orthodontic adhesive. - An In Vitro Study	0.25	1.3 Yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/ 21.12.2023	0.125 JSSAHER/ FIN/RDF/ 413/2023- 24/702/29. 1.2024
35	Dr Monica Mirmalini M N PG Student Guide: Dr Nagabhushana Doggalli Reader, Dept. of Oral Medicine	Evaluation of Relation Between Maxillary Posterior Teeth And The Floor of The Maxillary Sinus Using Cone Beam Computed Tomography	0.25	1.5 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/ 21.12.2023	0.125 JSSAHER/ FIN/RDF/ 413/2023- 24/702/29. 1.2024
36	Dr Sharath Niranjan PG Student Guide: Dr Jaishankar H.P Reader, Dept. of Oral Medicine	Assessment Of Nasal Septal Deviation On Maxillary Sinus Volume And Influence On Maxillary Sinusitis Using Cone Beam Computed Tomography	0.25	1.5 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/ 21.12.2023	0.125 JSSAHER/ FIN/RDF/ 413/2023- 24/702/29. 1.2024
37	Dr Namrata Suresh PG Student Guide: Dr Sanjay C.J Reader, Dept. of Oral Medicine	Prevalence, morphology, and significance of retromolar canal - A descriptive cone beam computed tomographic study	0.25	1.5 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/ 21.12.2023	0.125 JSSAHER/ FIN/RDF/ 413/2023- 24/702/29. 1.2024
38	Dr Eswari Solayappan PG Student Guide:	Morphometric analysis of Vidian Canal and its relation with surrounding	0.25	1.5 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023- 24/11507/	0.125 JSSAHER/ FIN/RDF/ 413/2023-

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakh	Period From To	Status Ongoing / completed / submitted	Grants received
	Dr Karthikeya Patil Prof., Dept. of Oral Medicine	anatomic structures by using Cone Beam Computed Tomography			21.12.2023	24/702/29.1.2024
39	Dr Varusha Sharon C PG Student Guide: Dr Karthikeya Patil Prof., Dept. of Oral Medicine	Morphometric Analysis of Temporomandibular Joint using Cone Beam Computed Tomography	0.25	1.5 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023-24/11507/ 21.12.2023	0.125 JSSAHER/FIN/RDF/413/2023-24/702/29.1.2024
40	Dr Revati Kale PG Student Guide: Dr Sujeeth Kumar Shetty Prof., Dept. of Oral Surgery	Evaluating the efficacy of intra-articular Platelet Rich Plasma (PRP) injection on pain, function and post traumatic temporomandibular joint dysfunction in patients with unilateral condylar fracture	0.25	1.5 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023-24/11507/ 21.12.2023	0.125 JSSAHER/FIN/RDF/413/2023-24/702/29.1.2024
41	Dr Shalini Yurembam PG Student Guide Dr Brinda Suhas Godhi Reader, Dept. of Pediatric Dentistry	Assessment of Antimicrobial Activity of Bromelain Rich Ananas Comosus Stem Extract In Comparison With Chlorhexidine Gluconate Against Oral Pathogens An In Vitro Study	0.25	1.5 yrs.	Sanctioned JSSAHER/RE G/RES/URG/5 4/2023-24/11507/ 21.12.2023	0.125 JSSAHER/FIN/RDF/413/2023-24/702/29.1.2024
42	Dr Susmita Ghosh PG Student Guide: Dr Parasmull J Reader Dept. of Conservative Dentistry	Effect of oral pre-operative aceclofenac and supplemental intraligamentary mepivacaine injection on the anaesthetic efficacy of failed inferior alveolar ner block in patients with symptomatic irreversible pulpitis imanojn mandibular molars: A prospective, double blind, placebo-controlled, randomized clinical trial.	0.25	2 Yrs.	Sanctioned JSSAHER/RE G/RES/URG/54/2023-24/7951/ 6.10.2023	0.125 JSSAHER/FIN/RDF/413/2023-24/527/9053/ 8.11.23

Student Projects

1. Modern Analytical Approaches in Pharmaceutical Quality Control
2. Qualitative and Quantitative Analysis of Small Active Pharmaceutical Ingredient Molecules
3. Microbiological Analysis, Analytical Development and Development Quality Assurance in Pharmaceutical Industry
4. Isolation and Characterization of malassezia species from dandruff sample and determination of antifungal activity of herbal drugs against it (woodfordia fruticosa, Triphala choorna, Nimbadihi Kashaya, Gandhaka rasayana)
5. Developing Probiotic-Based Antimycotic Strategies Against Candida albicans from Oral Microbiome
6. Shruthi B, Revanasiddappa HD, Shivamallu C, Iqbal M, Amachawadi RG, Majani SS, et al. Highly selective fluorescent and colorimetric methylphenyl-based sensor towards Zn²⁺ ion detection: Synthesis, X-ray crystallography and selectivity studies. Inorganica Chimica Acta. 2023 Oct;556:121614
7. Shadakshari AJ, Suresha Kumara TH, Kumar N, Jagadeep Chandra S, Anil Kumar KM, Ramu R. Synthesis, characterization, and biocomputational assessment of the novel 3-hydroxy-4-

- (phenyl(pyridin-2-ylamino) methyl)-2-naphthoic acid derivatives as potential dual inhibitors of α -glucosidase and α -amylase enzymes. *Results in Chemistry*. 2023 Jan;5:100745.
8. Roopashree B, Mahesh B, Ramu R, Rekha ND, Manjula SN, Preethi G, et al. An insight into the cytotoxic, antimicrobial, antioxidant, and biocontrol perspective of novel Iron(III) complexes of substituted benzimidazoles: Inhibition kinetics and molecular simulations. *Journal of Biomolecular Structure and Dynamics*. 2023 Oct 4;1–17
 9. Khadri M J N, Ramu R, Al-Ghorbani M, Khanum SA. Synthesis and docking studies of pyrazole-benzamide-benzothiazole conjugates as xanthine oxidase inhibitor candidates. *Journal of Molecular Structure*. 2023 Oct;1290:135937.
 10. Ejeh S, Uzairu A, Shallangwa GA, Abechi SE, Ibrahim MT, Ramu R, et al. Chemical bioinformatics study of Nonadec-7-ene-4-carboxylic acid derivatives via molecular docking, and molecular dynamic simulations to identify novel lead inhibitors of hepatitis c virus NS3/4a protease. *Scientific African*. 2023 Jul;20:e01591
 11. Bhat SS, Pradeep S, Patil SS, Flores-Holguín N, Glossman-Mitnik D, Frau J, et al. Preliminary Evaluation of Lablab purpureus Phytochemicals for Anti-BoHV-1 Activity Using In Vitro and In Silico Approaches. *ACS Omega*. 2023 Jun 27;8(25):22684–97.
 12. 52. Bhat A, Hegde S, Kammar S, Mohan T, Rajulu C. Fumigation- A disinfection process to decontaminate Tissue culture laboratory. *BIO-PROTOCOL* [Internet]. 2023 [cited 2024 Jul 25]; Available from: <https://bio-protocol.org/2137>
 13. 53. Banu HAN, Kalluraya B, Manju N, Ramu R, Patil SM, Lokanatha Rai KM, et al. Synthesis of Pyrazoline-Embedded 1,2,3-Triazole Derivatives via 1,3-Dipolar Cycloaddition Reactions with in vitro and in silico Studies. *ChemistrySelect*. 2023 Apr 5;8(13):e202203578.
 14. 54. Bajpe SN, Marulasiddaswamy KM, G M, Badiger AS, Ramu R, Rudrappa MK, et al. An exploration of the phylogeny and phylogeographic relationships of the subfamily Salacioideae. *J App Biol Biotech* [Internet]. 2023 [cited 2024 Jul 25]; Available from: https://www.jabonline.in/abstract.php?article_id=977&sts=2
 15. 55. Al-Ghorbani M, Sweidan K, Krefeh HA, Joshi R, Ramu R, AlDamen M. Synthesis, Molecular Docking Study, and Molecular Dynamics Simulation of New 1,3-Dimethyl-5-methylidenebarbituric Acid Derivatives Prepared by Cyclobutane Cleavage. *Russ J Org Chem*. 2023 Mar;59(3):445–54.

Number of start-up initiatives (initiatives of the college alone and with Sparkle Cine):

<https://jssaherstoragenew.blob.core.windows.net/jssuudstorage/udpdocs/home-page-sdg-centre-for-innovationand-entrepreneurship-sparkle-cine-policy.pdf>

INDUSTRY ACADEMIA CONNECT

Collaboration with industries details 2023

NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH – ONGOING

Sl. No.	Title of the study	Name of the Principal investigator and Co-investigators	Study duration in months	Sample size	Number of ionised magnesium to be tested	Number of total magnesium to be tested	Any other parameters included in the study
1.	Role of Ionized Magnesium in Critically Ill Acute Kidney Injury Patients	Dr Manjunath S Shetty Dr Manoj C Dr. Suma M.N.	24	350	1050 (54 done)	1050	Nil
2.	Comparison of Spot serum Creatinine estimation by StatSensor Creatinine meter and Serum Creatinine estimation by conventional enzymatic method	Dr Manjunath S Shetty Dr Manoj C Dr. Abhijith	24	600	600	600	Serum creatinine 600
3.	Correlation of total and Ionised Magnesium levels between pregnant women admitted in third trimester and their Newborn.	Dr. Sowmya K Dr.Suma K.B. DR Srinivasa Murthy Dr Kusuma K.S.	06	100	200	200	Nil
4.	Ionised magnesium level in children admitted to pediatric intensive Care unit at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Akila Prashant, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	400	400 (114 done)	400	Ionised calcium 400
5.	Ionised magnesium level in children with acute covid 19 infections And post covid mis - c admitted under Paediatric department at JSS Hospital, Mysuru	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Swetha NK, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	50	50 (18 done)	50	Ionised calcium 50
6.	Reference range for whole blood ionized magnesium in healthy children Between 0-19 years of age.	PIs: Dr Rajani H S, Dr Jagadish Kumar K Co-Investigators: Dr. Shobha CR, Dr. Basavana Gowdappa, Dr. Praveen Kulkarni. USA: Dr. Dennis Begos and Dr. Vishakantha Murthy	06	1000	1000	1000	Ionised calcium 1000
7.	A Correlation between total and ionised Magnesium levels in Chronic Heart Failure patients with reduced ejection fraction pilot study.	Dr. Manjappa, Dr. Swetha NK	12	130	130 (87 done)	0	iCa Lactate Electrolytes
8.	Correlation between total and ionised Magnesium levels in Acute decompensated	Dr. Manjappa Dr. Prashant Vishwanath,	12	100	100 (20 done)	0	iCa Lactate Electrolytes

	Heart Failure (ADHF) and Acute Coronary Syndrome (ACS) patients in a tertiary care hospital.						
9.	Unrecognised ionised hypomagnesemia and incidence of complications in cardiac intensive care unit.	Dr. Manjappa, Dr. Prashant Vishwanath,	12	50	50 (8 done)	0	iCa Lactate Electrolytes
10	Effects of therapy on estimated plasma volume (ePV) in patients with acute decompensation of chronic heart failure: A prospective observational study.	Dr. Manjappa, Dr. Kusuma KS	12	50	50	0	iCa Lactate Electrolytes - ePV - ΔePVS
11	Ionized magnesium levels in critically ill Covid- 19 patients and its effects on the severity and patient outcomes	Dr. Akshay H. M, Dr. Sahana KR	24	350	350(50 done)	350(50 done)	-
12	Comparison of Ionised Magnesium between sick and stable Preterm Newborns	Dr.Srinivasa Murthy Dr.Deepti, Dr.Sushma, Dr.Akila Prashant	06	30	30	30	-
13	Comparison of Ionised Magnesium between sick and stable term Newborns	Dr.Deepti, Dr.Sushma Dr.Srinivasa Murthy, Dr.Swetha NK	06	34	34	34	-
14	Ionised Magnesium levels in healthy Term and late preterm Newborns	Dr.Sushma, Dr.Deepti Dr.Srinivasa Murthy, Dr.Shobha	12	300	300	300	-

MoU's / MOA with institutions of National, International

Organization with which MoU/ Agreement is signed	Year of signing MoU	Duration	List the actual activities under each MoU /agreement year wise	Number of students/teachers participated under MoUs
Swastify Foundation, Hyderabad, India	5.4.2024	5.4.2025	Knowledge sharing partner to access and present Dental Caries in Children. To develop software for health screening in children.	Swastify Foundation, Hyderabad, India & Dr B Nandlsl Porf. & HOD, Dept. of Pediatric Dentistry
M/s. IPCA Laboratories Ltd., 48, Kandivli Industrial Estate, Mumbai	30.01.2024		Evaluation of efficacy and safety of aceclofenac+Paracetamol+ Serratiopeptidase combination after impacted lower third molar surgery; A randomized, double blind comparison with aceclofenac+paracetamol combination	Mr. A.K.Jain Managing Director/CFO For & On behalf of M/s. IPCA Laboratories Ltd., 48, Kandivli Industrial Estate, Mumbai &

Organization with which MoU/ Agreement is signed	Year of signing MoU	Duration	List the actual activities under each MoU /agreement year wise	Number of students/teachers participated under MoUs
				Dr. R Sathish Professor, Dept. of Oral Surgery & Dr. Dhakshaini M R Principal
Akila Bharatha Mahila Seva Samaja (ABMSS) Indiqube Penta, 51, Richmond Road, Bangalore 560025	24.08.2023	1 Yr.	ABMSS financially supporting the treatment of underprivileged children born with facial deformities like cleft lip and palate and other congenital facial malformations.	
Edelweiss Dentistry Products Gmbh Smile Center Dammstraße 68, 6922 Wolfurt Austria	17.08.2023	16.08.2024	Edelweiss shall provide to the enrolled students requisite training during the course along with laboratory visits, demonstration of equipment's or use of edelweiss materials, work flow, study materials, dental materials for the bench work, and product literature once a year.	Mr. Stephan Lampl Email id: st.lampl@edelweissdentistry.com Dr. Desigar Moodley Email id: d.moodley@edelweissdentistry.com Dr. Dhakshaini M.R. Principal Dr. B Nandlal, Professor Email id: dr.bnandlal@jssuni.edu.in Dr. Nanditha Kumar Email id: dr.nandithakumarm@jssuni.edu.in
JSS Hospital Mysuru	01.04.2023	1.4.2026	Utilizing the services of operation theatre, all the diagnostic services, radiology services including CT & MRI, laundry, ambulance, and all other services available at JSS Hospital	Medical Superintendent JSS Hospital & The Principal JSS Dental College & Hospital

Organization with which MoU/ Agreement is signed	Year of signing MoU	Duration	List the actual activities under each MoU /agreement year wise	Number of students/teachers participated under MoUs
Curaden India Pvt. Ltd. # 11, Global Tech Park O'Shaughnessy Road Langford Town Bengaluru-560025	15.03.2023 18.10.2019	15.03.2026 18.10.2022	<ol style="list-style-type: none"> 1. Nurses training organized by SIG Diabetes & Oral Care, Dept. of Periodontology in collaboration with Curaden 23.11.2022 & 24.11.2022 2. Providing preventive dental education programme iTOP to faculty of JSS Dental College & Hospital (Faculty and PG's Dept. of Periodontology) 3. They will train the dental faculty on the correct usage and technique of interdental brushes, tooth brushing techniques, dental flowing and other oral hygiene aids. 4. They will also conduct regular refresher courses for the dental teaching faculty 	Dr Sheelakumar G Professor & HOD JSS Dental College & Hospital & Mr Clifford Zur Nieden, Director, Curaden India Pvt., Ltd., Bengaluru
Ethicare Clinical Trial Service Ahmedabad	27.01.2023	6 Months	<ul style="list-style-type: none"> • Drug trial on patients • Free treatment for patients • Income from Clinical trial services • Recognition of site as clinical trial center 	Dr Chandan S N (PI) Reader, Dept. of OMFS, JSSDCH Dr Dhakshaini M R Principal, JSSDCH & Ethicare Clinical Trial Service Ahmedabad
Straumann Dental India LLP, 501, Alpha building, Hiranandani Business park, Powai, Mumbai, Maharashtra-400076	November 2022	September 2023	Comprehensive training in implant dentistry in association with Straumann organize and conduct standardized education training	Dr Ravindra S Principal, JSS Dental College & Hospital & Mr Sandeep Choudhary Executive Chairman Straumann Dental India LLP

Organization with which MoU/ Agreement is signed	Year of signing MoU	Duration	List the actual activities under each MoU /agreement year wise	Number of students/teachers participated under MoUs
Dept. of Electronics & Communication Engineering, Maharaja Institute of Technology, Mysore	02.08.2022	To the time period of the study	Design and Development of Electronic assistance for developing devices/equipment for Prosthodontic services.	Principal MIT, Mysuru Dr Ravindra S Principal, JSS Dental College & Hospital & Dr Nandithakumar M, Reader, Dept. of Prosthodontics and Crown & Bridge
SJCE-STEP JSS Science and Technology University campus, Manasagangothri, Mysuru SJCE-STEP NIDHI PRAYAS	06.06.2022	06.06.2023	Manual Dental Chair lacks the ergonomics and the ease of controls. The current innovation is the development of a conversion kit to include electronic controls to the manual dental chair, which provides ease of working. The novelty is in the air-chipping system, 4 hole hand piece system and ergonomic dentist controlled foot control unit to make the entire chair movement easy to control and hands free.	Mr Jayachandran P P Care of SPARKLE CINE foundation JSSAHER & Chief Executive Secretary SJCE-STEP JSS Science and Technology University campus, Manasagangothri, Mysuru
M/s. Dentcare Dental Lab private ltd., NAS Road Muvattupuzha Kerala	22.04.2022	21.04.2023	Fabrication of Prosthesis	Dr Ravindra S Principal, JSS Dental College & Hospital & Mr Sreejith Somanathan HOD-Sales & Marketing M/s. Dentcare Dental Lab private ltd.,Kerala
Colgate Palmolive (India) Ltd.,Colgate Research Centre, Main Street, Hiranandani Gardens, Powai, Mumbai – 400076	10.03.2022		Dental, in-vitro and clinical research	Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry & Dr Bhuvaneshwari Gurumurthy Research Scientist Colgate-Palmolive (India) Ltd.,
M/s. Arputha Advanced Systems Pvt. Ltd., Coimbatore	9.3.2022	9.3.2024	Developing an audiobrush, providing professional method of tooth brushing at the finger tips of the visually challenged individuals.	Dr Ravindra S Principal Dr Nitin V Muralidhar, Reader, Dept. of Orthodontics & Dentofacial Orthopedics

Organization with which MoU/ Agreement is signed	Year of signing MoU	Duration	List the actual activities under each MoU /agreement year wise	Number of students/teachers participated under MoUs
				& Chairman and Managing Director M/s. Arputha Advanced Systems Pvt. Ltd., Coimbatore
Group Pharmaceuticals Ltd., Bangalore	03.01.2022		Collaboration of funded research project Titled "Fennel Extract gel for Dental Purpose" (Rs.1 Lakh)	Dr B Nandlal HOD, Prof., Dept .of Pedodontics & Preventive Dentistry, JSS Dental College & Hospital & Mr Sunil Chiplunkar Vice President Business development Group Pharmaceuticals Ltd., Bangalore
South Western Railway, Govt. of India, Yadavagiri, Mysuru	12.01.2022	2 Years	Oral health care services to railway employees	Dr Ravindra S, Principal, JSS Dental College & Hospital & Chief Superintendent South Western Railway, Govt. of India, Yadavagiri, Mysuru
M/s. Dabur India Limited New Delhi	1.12.2021		Collaboration of funded research project Titled "Evaluation of the remineralisation potential of two ayurvedic toothpastes on artificially induced carious lesion – an in vitro pilot study"	Dr Parasmull Gehlot Reader Dept. of Conservative Dentistry & Endodontics & Dr Prasun Bandyopadhyay Vice President R & D M/S. Dabur India Ltd.,
University of Turin, Italy	30.10.2021	3 Yrs.	Co-operation on new or existing academic programmes, joint research activities, student exchange, faculty exchange and other activities-Forensic Odontology and Human identification	Registrar, JSSAHER, Dept. of Forensic Odontology & Dr Nuzzolese University of Turin, Italy
Arany Lab, Buffalo, New York	22.10.2021	3 Yrs.	Technical Assistance to carry out scientific, academic and clinical research activities on lasers in Dentistry and Photobiomodulation therapy	Registrar, JSSAHER & Dr Praveen Arany Oral Biology, Surgery & Biomedical Engineering, University at Buffalo, New York

Patents

Patent details from July to December 2023

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date	Patent Published Date / Granted Date
1	202041015935 A	Published	1)Dr. Akila Prashant 2)Anshu Kumar Yadav 3)Dr. Prashant Vishwanath 4)Dr. Suma MN 5)Dr. Devananda D	MULTIPLEX PCR ASSAY WITH COCKTAIL OF PRIMER MIX TO IDENTIFY PATHOGENIC BACTERIA CAUSING NEONATE SEPSIS	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research)	13-04-2020	29-05-2020
2	202241012389 A	Published	1)Rajesh Kumar Thimmulappa, 2)Devananda Devegowda, 3)Pushkal Sinduvadi Ramesh	METHOD FOR PREDICTING PROGNOSIS AND GUIDING TREATMENT DE-ESCALATION IN HPV POSITIVE HEAD AND NECK CANCERS	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research)	03-07-2022	25-03-2022
3	202241014944 A	Published	1)Rajesh Kumar Thimmulappa, 2)Devananda Devegowda, 3)Pushkal Sinduvadi Ramesh	METHOD TO INHIBIT NRF2 ACTIVITY USING HPV E6/E7 FOR SENSITIZING TO CHEMO-RADIOTHERAPY	JSS Medical College, Mysuru (Affiliated to JSS Academy of Higher Education & Research)	17-03-2022	25-03-2022
4	202241006292 A	Published	1)Mahesh Kaggare Puttaraju 2)Mahesh Kaggare Puttaraju 3) SubbaRao Venkata Madhunapantula 4) Karthikeya Patil 5) Usha Hegde	A kit and a method for predicting oral cancer	JSS Academy of Higher Education and Research	02-06-2022	02-11-2022
5	202041050489A	Published	DR. HONNAVALLI YOGISH KUMAR PUBALI SAHA Dr. SubbaRao V. Madhunapantula	IN202041050489 - A METHODOLOGY TO YIELD A NOVEL RENIN INHIBITOR WITH IMPROVED SAFETY AND EFFICACY	JSS Academy of Higher Education and Research	19.11.2020	18.02.2022
6	202141008355 A	Published	1)DORESWAMY, Srinivasa Murthy 2)HATHUR, Basavanagowdappa 3)BHOJARAJ, Nandlal	SELF-CONTAINED AND PORTABLE LIFE SUPPORT SYSTEM	JSS Academy of Higher Education and Research	27-02-2021	09-02-2022

7	202041053854 A	Published	1)NANDLAL, Bhojraj 2)MURTHY, Srinvasa 3)SHIVAMURTHY, Ravindra 4)SETTY, Nagendra Ramakrishna	ULTRAVIOLET SANITIZATION SYSTEM	JSS Academy of Higher Education and Research	12-10-20	17/06/2022
8	202141013556 A	Published	1)KRISHNEGOWDA, Sushma 2)DORESWAMY, Srinivasa Murthy 3)THANDAVESHWARA, Deepti	A PHOTOTHERAPY DEVICE	JSS Medical College - JSS Academy of Higher Education & Research	26/03/2021	30/09/2022
9	20224104127 A	Published	1.Shashanka Kyathanahalli Prasad 2.Devananda Devegowda 3.Madhunapantula Subbarao 4.Suma Maduvanahalli Nataraj	An anticancer composition and method of preparation thereof	JSS Academy of Higher Education and Research	19/07/2022	29-07-22
10	202141028656A	Published	Vikas Jain Hitesh Kumar Rupshee Jain Vishal Kumar Gupta Vidya B G Madhunapantula Venkata Soma Surya Trinadha SubbaRao	Lipid based composition of Salinomycin for triple negative breast cancer	JSS College of Pharmacy, Mysuru, JSS Academy of Higher Education and Research	25/06/2021	30/12/2022
11	201741010900	Granted	DORESWAMY, Srinivasa Murthy	FEED RAIL- AUTOMATED GRAVITY FEEDING DEVICE FOR PREMATURE INFANTS	JSS Academy of Higher Education and Research	28/03/2017	03-02-23

Patent/Copy right details from Jan to June 2024

Sl. No.	Title	Investigator	Date of copy right approved	Registration number
1	Puzzles To Pertinent Prescription of Antimicrobials - Intra - Abdominal Infections	Dr.Sumana M.N.	10/05/2024	CF-5671/2024
2	Simplified and Storified Action of Antibiotics (SSAA)	Dr.Sumana M.N.	20/02/2024	CF-5605/2024
3	Hand Hygiene through Simple English Poem	Dr.Sumana M.N.	10/05/2024	CF-5670/2024
4	Animation Video for Adverse Effects of Antibiotics	Dr.Sumana M.N.	15/03/2024	CF-5640/2024
5	Lower UTI	Dr.Sumana M.N.	21/03/2024	L-145512/2024
6	UPPER UTI 01	Dr.Sumana M.N.	01/03/2024	L-144550/2024
7	UTI copyright	Dr.Sumana M.N.	25/01/2024	CF-5556/2024

Sl. No.	Title of Patent Awarded/ Filed	Patent /Design Application No.	Name of Inventors	College & Department	Date of Award/Filing/ Published	Status
1	A device for mandibular bodily molar protraction	202241041779	Dr Jyothikiran Reader Dr Suma S, JSSDCH Dr Pradeep S, JSSDCH	Orthodontics and Dentofacial Orthopedics	27.06.2024	Granted 27.6.2024 Published 19.08.2022 Filed 21.7.2022
2	A medicated nano sponge-based finger sling device and a method of preparation thereof	202241065640	Dr Chanchala H P Lecturer Dr Raghavendra Shanbhog, JSSDCH Dr Meenakshi S, JSSDCH Dr Riyaz ali Osmani, JSSCPM	Pediatric and Preventive Dentistry	17.5.2024	Published 17.5.2024 Filed 16.11.2022
3	Lip and cheek retractor Design Patent	D-25/609/2023-KOL	Dr Suma S Reader, JSSDCH Dr Jerusha T	Orthodontics & Dentofacial Orthopedics	26.4.2024	Registration of Design 26.4.2024 Filed 2.9.2023
4	A Universal chair side orthodontic handy spot welder with a spring loaded handle	202441013985	Dr Girish Kumar I Lecturer, JSSDCH Dr Raghunath N Mr Jayachandran P P	Orthodontics & Dentofacial Orthopedics	19.4.2024	Published 19.4.2024 Filed 27.2.2024
5	A herbal composition based on Extracts of salvia hispanica L. as a root canal irrigant.	202441026884	Dr Arundhati Banerjee Dr Seema Deshmukh Reader	Paediatric & Preventive Dentistry	19.4.2024	Published 19.4.2024 Filed 31.3.2024
6	A device for curing dental restorative material and a method thereof	202241031553	Dr Suma S Reader Co-Inventors: Dr Sheela S J, Asst. Prof., Dept. of Electronics and Communication Siddaganga Institute of Technology, Tumkur Dr Chandrashekar B R, JSSDCH Dr Jyothikiran H JSS DCH	Orthodontics and Dentofacial Orthopedics	15.4.2024	Granted 15.4.2024 Published 10.06.2022 Filed 01.06.2022
7	Phosphorylated chitosan based cavity disinfection	202441021559	Dr Sreejeeta Dey Dr Seema Deshmukh Reader	Paediatric & Preventive Dentistry	29.3.2024	Published Filed 21.3.2024
8	A device for measuring incisor teeth angulations and a method thereof	202241006354	Dr Nitin V Muralidhar Reader	Orthodontics & Dentofacial Orthopedics	21.3.2024	Granted 21.3.2024 Published 11.02.2022 Filed 07.02.2022

Sl. No.	Title of Patent Awarded/ Filed	Patent /Design Application No.	Name of Inventors	College & Department	Date of Award/Filing/ Published	Status
9	A device for maxillary molar distalization and a method thereof	202241034631	Dr Pradeep S Lecturer Dr Suma S, JSSDCH Dr Jyothikiran H, JSSDCH	Orthodontics and Dentofacial Orthopedics	1.3.2024	Granted 1.3.2024 Published 08.07.2022 Filed 16.6.2022
10	Intelligent toothbrush for smart dental health care monitoring using IOT	202441001658	Dr Balamurugan, Tamilnadu Co-Inventor Dr Bhagyalakshmi A Reader, JSSDCH	Orthodontics and Dentofacial Orthopedics	9.2.2024	Published Filed 9.1.2024
11	A device for maintaining oral hygiene in visually challenged subjects	202141056393	Dr Nitin V Muralidhar Reader Dr Priyanka Nitin, Lecturer, Oral Pathology Mr B. Vinodh Kumar, Vishli Innovations Private Limited, Ganapathy, Coimbatore-641006, Tamil Nadu, India.	Dept. of Orthodontics & Dentofacial Orthopedics	10.12.2021	Granted 6.2.2024 Published 10.12.2021 Filed 6.12.2021
12	A long acting injectable in situ gel formulation and a process of preparation thereof	202241063055	Dr Aruna G Lecturer Dr Chandrashekar B R, Prof.,JSSDCH Dr Venkatesh M P, Asso.Prof., JSSCP, Mysore	Periodontology	10.1.2024	Granted 10.1.2024 Published 18.11.2022 Filed 4.11.2022
13	A formulation for an intraoral bioadhesive patch to prevent dental caries	202441001528	Dr Suma S Reader Dr Jerusha T Dr Gowrav M P Dr Raghunath N	Orthodontics & Dentofacial Orthopedics	23.2.2024	Published Filed 9.1.2024
14	System and Method for Dynamic Translation of Speech to Sign Language for Oral Hygiene Education	201841039995 Patent no. 481630	Dr B Nandlal Dr Raghavendra Shanbhog Dr Shreekanth Thotappa Dr Shreepriya Singhanian Dr Bijlani Samhita Subhash Ms. Divya Nandlal Sahetya	Paediatric & Preventive Dentistry	13.12.2023	Renewal done. 23.10.2024 (7th yr.) Granted 13.12.2023 Published 24.4.2020 Filed 23.10.2018
15	Analysis of challenges and opportunities achieved by combining digital education in higher education	202341054215	Dr Bhagyalakshmi A Reader, JSSDCH K Sunitha Hemavathi Shriram Kurahde Dr Jagdish Chand Dr Piyush Charan Ms. Saumya Charan Dr Nirmala Devi M	Orthodontics & Dentofacial Orthopedics	1.9.2023	Published 1.9.2023 Filed 12.8.2023

Sl. No.	Title of Patent Awarded/ Filed	Patent /Design Application No.	Name of Inventors	College & Department	Date of Award/Filing/ Published	Status
			Kathiravan R Chtakunta Praveen Kumar Dr Mohd Asif Shah Thulasimani T Uday Nandlal Trivedi			
16	Formulation of 4% aqueous extract of Mysuru variety of piper betle.L leaf	202441027464	Dr Sheethal Chandra A C Dr Suman Basavaraju Professor, JSSDCH Dr Ravindra S Dr B M Gurupadayya	Periodontology	12.4.2024	Published Filed 3.4.2024
17	Handheld X-ray imaging apparatus	UK Design no. 6327687	Dr Madhusudhanan Jeyaraman Dr Anjanna Matta Dr Dadhu Venkata R Reddy Ms. Anusha Ponraj Dr Sakthi Murugan Krishnan Dr Poornima Vivekanandhan Dr Gurjinder Singh Chintagunta Mary Anitha Dr Girish MS,JSSDCH Dr Hari Kumar Singh	Pediatric & Preventive Dentistry	28.11.2023	Granted 28.11.2023 Registration 22.11.2023
18	A bone remodelling in situ gel formula and a process of preparation	202341064617	Dr Suma S Reader, JSSDCH Dr Raghunath N Dr Chandrashekar B R Dr Mruthyunjayappa, JSSPC	Orthodontics & Dentofacial Orthopedics	26.9.2023	Filed 26.9.2023

I. No	Status	Inventors	Title	Applicant	Date of filing	Date of published /granted	Application /patent Number	Assignee/s Name (Institute Affiliation/s at time of Application)
1.	Published	Vishal Kumar Gupta, Koduru Trideva Sastri	A Synergistic Composition and Its Intranasal Pharmaceutical Formulation for Treatment And/or	JSS Academy of Higher Education and Research	31/01/2022	23/12/2022	202241005079	JSS Academy of Higher Education and Research

			Management of Multiple Sclerosis					
2.	Published	Honnava i Yogish Kumar, Pubali Saha, Dr. Subbarao V. Madhuna pantula	A methodol ogy to yield a novel renin inhibitor with improved safety and efficacy	JSS Acade my of Higher Educat ion and Resear ch	19/11/20 20	18/02/20 22	202041050489	JSS Academ y of Higher Educat ion and Resear ch
3.	Published	R.S. Chandan, Indu Kumari, Sampath Chinnam, Sughra Muzaffar, Kumarap pan Chidamba ram, Ajoy Kumer, Karthika Paul, Mithun Rudrapal, Srikanth Ponnada, Ashwini Kumar, Amnah Mohamm ed Alsuhaiba ni, Moamen S Refat	A new alternative synthesis of potential Anti- coagulant drug Rivaroxab an: Molecular dynamics simulation s, density functional theory, molecular docking and ADMET studies.	JSS Acade my of Higher Educat ion and Resear ch and other univers ity	13/04/20 22	22/04/20 22	202211022190	JSS Academ y of Higher Educat ion and Resear ch and other universit y
4.	Published	Dr Balamural idha V	System for Identifyin g and Authentic ating users based on	JSS Acade my of Higher Educat ion and Resear ch	07/03/20 24	05/04/20 24	202441016558	JSS Academ y of Higher Educat ion and Resear ch

			Keystroke Sound Features and Method thereof					
5.	Published	Dr Vikas Jain	Novel nanoparticulate system for delivering mitoxantrone against triple negative breast cancer	JSS Academy of Higher Education and Research	18/02/2024	08/03/2024	202441011250	JSS Academy of Higher Education and Research
6.	Published	Dr Vikas Jain	Antioxidant Compositions for Addressing Neutropenia Associated with Taxane Analog and Method of Preparation Thereof	JSS Academy of Higher Education and Research	30/04/2024	10/05/2024	202441034097	JSS Academy of Higher Education and Research
7.	Published	Ms. Karthika Paul & Dr R S Chandan,	Process for extraction of extract from plectranthus amboinicus Lour. Leaves having phytochemical and phenolic components	JSS Academy of Higher Education and Research	24/05/2024	24/05/2024	202441038387A	JSS Academy of Higher Education and Research

8.	Filed	Dr R.S. Chandan	Plant extract from punica granatum leaves having biochemical Components and mineral content and preparation thereof	JSS Academy of Higher Education and Research	12/01/2024	12/01/2024	202341089385 A	JSS Academy of Higher Education and Research
9.	Filed	H.V. Gangadhappa, Asha P. Johnson, Jyothi S.L.	Transferri n Conjugate d Raloxifene Loaded Graphene Oxide Nanoribbon Drug Delivery System	JSS Academy of Higher Education and Research	09/08/2023	09/08/2023	202341053319	JSS Academy of Higher Education and Research
10.	Filed	Jyothi S L, H V Gangadhappa, Asha P. Johnson, D. Sunil Kumar. Patent Application	Anti-Psoriatic drug loaded Microneedles patch for the treatment of Psoriasis.	JSS Academy of Higher Education and Research	27/11/2023	27/11/2023	202311080385	JSS Academy of Higher Education and Research

11.	Filed	Dr Prabitha P	Berberine-Metal complexes as Promising antibacterial and antifungal agents to fight drug resistance	JSS Academy of Higher Education and Research	10/01/2024	10/01/2024	202441001810	JSS Academy of Higher Education and Research
12.	Filed	Dr. Anandkumar Tengli	HPTLC device for analysis of chemical compounds	JSS Academy of Higher Education and Research	28/05/2024	28/05/2024	418198-001	JSS Academy of Higher Education and Research
13.	Filed	Dr. Anandkumar Tengli	High performance thin layer chromatography (HPTLC) for analysis of phytochemical extractS	JSS Academy of Higher Education and Research	28/05/2024	28/05/2024	418199-001	JSS Academy of Higher Education and Research
14.	Granted	Dr K L Krishna	A combination of levetiracetam and ocimum sanctum to fight epilepsy and memory impairment	JSS Academy of Higher Education and Research	29/04/2019	03/07/2024	521981	JSS Academy of Higher Education and Research

			associated with it					
15.	Granted	Dr S N Manjula	A Composition for Treating Thrombocytopenia	JSS Academy of Higher Education and Research	15/04/2020	24/01/2024	502947	JSS Academy of Higher Education and Research
16.	Granted	M.P. Venkatesh	A biodegradable and biocompatible smart gel injection and a process thereof	JSS Academy of Higher Education and Research	16/09/2021	27/10/2023	462695	JSS Academy of Higher Education and Research

INTELLECTUAL PROPERTY INDIA
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 Patents Act, 1970

पेटेंट कार्यालय भारत सरकार
 पेटेंट प्रमाण पत्र | Patent Certificate
 (पेटेंट दिवसपत्रिका का विवरण 74) (Rule 74 of The Patents Rules)

पेटेंट नं. / Patent No. : 502947
 आवेदन नं. / Application No. : 202041016387
 प्रकाश करने की तारीख / Date of Filing : 15/04/2020
 पेटेंटर / Patentee : JSS ACADEMY OF HIGHER EDUCATION & RESEARCH

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में पतायाकृत A COMPOSITION FOR TREATING THROMBOCYTOPENIA नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अर्थात् 2020 के पंद्रहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।
 It is hereby certified that a patent has been granted to the patentee for an invention entitled A COMPOSITION FOR TREATING THROMBOCYTOPENIA as disclosed in the above mentioned application for the term of 20 years from the 15th day of April 2020 in accordance with the provisions of the Patents Act, 1970.

अंग्रेजी में मिला : 24/01/2024
 Date of Grant : 24/01/2024

नोट - इस पेटेंट के अंशदान के लिए शुल्क, जो कि प्रत्येक वर्ष 15 अक्टूबर 2022 के बाद हर दो साल एक बार मिला जायेगा, 4 अक्टूबर 2022 तक भरा जाना चाहिए।
 Note - The fees for renewal of this patent, if it is to be maintained, will fall to be taken due on 15th day of April 2022 and on the same day in every year thereafter.

INTELLECTUAL PROPERTY INDIA
 The Patent Office, Government Of India
 Patents Act, 1970

पेटेंट कार्यालय भारत सरकार
 पेटेंट प्रमाण पत्र | Patent Certificate
 (पेटेंट दिवसपत्रिका का विवरण 74) (Rule 74 of The Patents Rules)

पेटेंट नं. / Patent No. : 462895
 आवेदन नं. / Application No. : 202141041795
 प्रकाश करने की तारीख / Date of Filing : 16/09/2021
 पेटेंटर / Patentee : JSS Academy of Higher Education and Research

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में पतायाकृत A biodegradable and biocompatible smart gel injection and a process thereof नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अर्थात् 2021 के सोलहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।
 It is hereby certified that a patent has been granted to the patentee for an invention entitled A biodegradable and biocompatible smart gel injection and a process thereof as disclosed in the above mentioned application for the term of 20 years from the 16th day of September 2021 in accordance with the provisions of the Patents Act, 1970.

अंग्रेजी में मिला : 27/10/2023
 Date of Grant : 27/10/2023

नोट - इस पेटेंट के अंशदान के लिए शुल्क, जो कि प्रत्येक वर्ष 16 अक्टूबर 2023 के बाद हर दो साल एक बार मिला जायेगा, 16 अक्टूबर 2023 तक भरा जाना चाहिए।
 Note - The fees for renewal of this patent, if it is to be maintained, will fall to be taken due on 16th day of September 2023 and on the same day in every year thereafter.

INTELLECTUAL PROPERTY INDIA
 The Patent Office, Government Of India
 Patents Act, 1970

पेटेंट कार्यालय भारत सरकार
 पेटेंट प्रमाण पत्र | Patent Certificate
 (पेटेंट दिवसपत्रिका का विवरण 74) (Rule 74 of The Patents Rules)

पेटेंट नं. / Patent No. : 521981
 आवेदन नं. / Application No. : 201941016980
 प्रकाश करने की तारीख / Date of Filing : 29/04/2019
 पेटेंटर / Patentee : JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में पतायाकृत A COMBINATION OF LEVETIRACETAM AND OCIMUM SANCTUM TO FIGHT EPILEPSY AND MEMORY IMPAIRMENT ASSOCIATED WITH IT नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अर्थात् 2019 के अप्रैल के दसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।
 It is hereby certified that a patent has been granted to the patentee for an invention entitled A COMBINATION OF LEVETIRACETAM AND OCIMUM SANCTUM TO FIGHT EPILEPSY AND MEMORY IMPAIRMENT ASSOCIATED WITH IT as disclosed in the above mentioned application for the term of 20 years from the 10th day of April 2019 in accordance with the provisions of the Patents Act, 1970.

अंग्रेजी में मिला : 07/03/2024
 Date of Grant : 07/03/2024

नोट - इस पेटेंट के अंशदान के लिए शुल्क, जो कि प्रत्येक वर्ष 10 अप्रैल 2021 के बाद हर दो साल एक बार मिला जायेगा, 10 अप्रैल 2021 तक भरा जाना चाहिए।
 Note - The fees for renewal of this patent, if it is to be maintained, will fall to be taken due on 10th day of April 2021 and on the same day in every year thereafter.

4 patents were filed, 9 patents were published, and 6 patents were granted during the academic year 2023-2024.

CLINICAL TRIALS

S. No.	Name of faculty (Chief Consultant)	Client Organization	Total amount as per CTA (in Rs)	Current status
1	Dr Prashanth S N	Sun Pharma	18,150/subject	Ongoing
2	Dr Manjappa M	Skarray Technologies	350000	Closed
3	Dr M D Ravi	Biological E Limited	1419013	Closed
4	Dr T S S Rao	CBCC Global Research LLP	1,96,750/Subject	Closed
5	Dr Ravi Kumar Y S	IQVIA	1286279	Closed
6	Dr Soumya H V	Syneous Health UK Ltd(Xbrane)	1488152	Closed
7	Dr Subramanian R	Klineria	12,96,683/Subject	Ongoing
8	Dr M D Ravi	Diagnosearch Pvt Ltd	4582777	Closed
9	Dr Srinath K M	CBCI	980000	Closed
10	Dr Soumya H V	Syneous Health UK Limited(Quilu)	1755406	Closed
11	Dr M D Ravi	IQVIA	16,898/subject	Closed
12	Dr Narayanappa D	GlaxoSmithKline (GSK)	2,66,862/subject	ongoing
13	Dr Shilpa Avarebeel	Biological E. Limited	34,387/subject	ongoing
14	Dr Vikram Patil	Skarray Technologies Limited	520675	Closed
15	Dr T S S Rao	Clianta Research Ltd	2,70,150/Subject	ongoing
16	Dr T S S Rao	Clianta Research Ltd	2,92,000/Subject	ongoing
17	Dr Prathibha Pereira	Bharath Biotech International Ltd	3187095	Closed
18	Dr Deepthi Thandaveshwara	Johnson & Johnson Private Limited	2,44,000/subject	ongoing
19	Dr T S S Rao	Clianta Research Ltd	3,35,020/subject	ongoing
20	Dr Deepthi Thandaveshwara	CBCC Global Research LLP India	2129338	Closed
21	Dr M D Ravi	Iqvia RDS(India) Pvt. Ltd	1133600	Closed
22	Dr Gurudatt C L	Abiogenesis Clinpharm Pvt Ltd	36,965/subject	ongoing
23	Dr Mahesh P A	QED Clinical Services	1357020	Closed
24	Dr Prathiba Pereira	JSS Medical Research India Pvt.Ltd	53,300/subject	ongoing
25	Dr M D Ravi	Biological E. Limited	44,550/subject	ongoing
26	Dr Shilpa Avarebeel	JSS Medical Research India Pvt.Ltd	2393342	Closed
27	Dr P A Mahesh	Pharm Olam International (India) Pvt Ltd	249650	Closed
28	Dr Veeranna S	GlaxoSmithKline (GSK)	59,000/subject	ongoing
29	Dr Jayaraju B S	Paraxel International Pvt Ltd	183874	Closed
30	Dr M D Ravi	Sanofi Health Care	553289	Closed
31	Dr Praveen Kulkarni	PPD Pharmaceuticals		
32	Dr Jaishankar	Skarray Technologies Limited	139200	ongoing
33	Dr Praveen Kulkarni	PPD Pharmaceuticals		
34	Dr Subhash Chandra B J	Diagnosearch Life Sciences Pvt. Ltd	Phase II- 44,900/subject Phase III- 48,900/subject	ongoing
35	Dr T S S Rao	Clianta Research Ltd	2,39,675/Subject	Closed

36	Dr T S S Rao	Clianta Research Ltd	2,38,250/subject	Closed
37	Dr Akshay H M	Syngene International Pvt. Ltd	5,08,250/subject	Closed
38	Dr Narayanappa D	GlaxoSmithKline (GSK)	1,54,500/subject	ongoing
39	Dr Soumya H V	Iqvia RDS(India) Pvt. Ltd	Approx 65,221/subject	ongoing
40	Dr Jayaraju B S	Paraxel International Pvt Ltd	162000	Closed
41	Dr Praveen Kulkarni	PPD Pharmaceuticals	18,748/subject	Closed
42	Dr Sunil Kumar S	Center for Chron	11,800/Subject	Ongoing
43	Dr Akshay H M	Syngene International Pvt. Ltd	108000	Closed
44	Dr T S S Rao	Clianta Research Ltd	3,58,000/Subject	Closed
45	Dr Prathibha Pereira	Abiogenesis Clinpharm Pvt Ltd	51,862/Subject	Ongoing

Initiatives taken in this regard
Publications aligning to SDG 9

1. Nishath Sayed Abdul, Mahesh Shenoy, Naveen Rami Reddy, Sunila Bukanakere Sangappa, Ganiga Channaiah Shivakumar, Marco Di Blasio, Marco Cicclu and Gluseppe Minervini - Gene Sequencing applications to combat oral-cavity related disorders: a systematic review with meta-analysis - BMC Oral Health Journal - Jan 2024; 24:103 ISSN: 1472-6831, International
2. Nishath Sayed Abdul, Ganiga Channaiah Shivakumar, Sunila Bukanakere Sangappa, Marco Di Blasio, Salvatore Crimi, Marco Cicciu and Gluseppe Minervini - Applications of artificial intelligence in the filed of oral and maxillofacial pathology: a systematic review and meta-analysis - BMC Oral Health Journal - Jan 2024; 24:122 ISSN: 1472-6831, International
3. R Sumukh Bharadwaj, Somwya Halasabalu Kalgeri, Ashwini Tumkur Shivakumar, Vidya Doddawad, Parinitha Mysore Shankar, Sunil Kumar B B - Revolutionizing Dental health care: An In-Depth Exploration of Technological Advancements - Euopean Journal of General Dentistry - Jan 2024; (1): 1-14 ISSN: 2320-4753, International
4. Dr. Lipsa Bhuyan, Dr. Kanika Singh Dhull, Dr. Sushmitha Pattnaik, Dr. Indira Mysore Devraj, Dr. Roquaiya Nishat, Dr. Abikshyeet Panda - CAD-CAM in Pediatric Dentistry: A brief insight - Bangladesh Journal of Medical Science - Jan 2024; 23(): 538-542 ISSN: 2223-4721, International
5. Susmita Ghosh, Paras Mull Gehlot, Rajiv A. Puthusseril, Annapoorna B. Mariswamy - Guided Endodontics a pathbreaking Approach to the Management of Calcified Canals: A Case Report - Journal of International Oral Health - Jan - Feb 2024; 16(1):90-94 ISSN: 0976-1799, National
6. Prakash N, Suma S, Devananda D, Raghunath N - Estimation of Salivary Bone Specific Alkaline Phosphatase as a Biomarker for Assessing Skeletal Maturity Indicator - Medical Journal of Dr. D.Y. Patil Vidyapeeth - Jan - Feb 2024; 17(1):117-123 ISSN:2589-8310 , National
7. Rashmi S, Srinath S, Prashanth S. Murthy, Seema Deshmukh - Landmark annotation through feature combinations: a comparative study on cephalometric images with in-depth analysis of model's explainability - Dentomaxillofacial Radiology - Jan - Mar 2024; 53(4): 115-126 ISSN: 0250-832X, International
8. Sowmya Halasabalu Kalgeri, Vidya Gowdappa Doddawad, Ashwini Tumkur Shivakumar, Parinitha Mysore Shankar, Bheemasamudra Balaraj Sunil Kumar, Ravindra Sumukh Bharadwaj - Xerostomia: Current Advancements and Insights in Biomedical and Biotechnology Research - Biomedical and Biotechnology Research Journal (BBRJ) - Jan - Mar 2024; 8(1):1-12 ISSN: 2588-9834, National
9. Abhay Raizaday, Dattari K Nagesha, Mahaveer Kulkuri, Usha Hegde - Tailored release of fluorescence quenched drug from the electrospun nanofiber mat for the treatment of oral submucosal fibrosis (OSMF) - Journal of Drug Delivery Science and Technology - Feb 2024; 92:1-15 ISSN: 1773-2247, International
10. S Shivanand, Vidya Gowdappa Doddawad, C.S. Vidya, J. Chandrakala - Exploring the bioethical implications of using artificial intelligence in writing research proposals - Perspectives in Clinical Research - Feb 2024; 10(): ISSN: 2229-3485, International
11. Sahith Kumar Shetty, Shyam Sundar Santhanakrishnan, Shubha Padurao, and Pandareesh Mirazkar Dasharatharao - Prioritizing Biomaterial Driven Clinical Bioactivity Over Designing Intricacy during Bioprinting of Trabecular Microarchitecture: A Clinician's Perspective - American Chemical Society - Mar 2024; 9(11): 12426-12435 ISSN: 0002-7863, International

12. P. Shubha, S. Ganesh, S. Shyamsundar - Anti-proliferative activity of biosynthesized zinc oxide nanoparticles against breast cancer MCF-7 cells - *Materials Chemistry and Physics* - Mar 2024;315():128900 ISSN: 0254-0584, International
13. Girish Bhushan, Harshitha B C, Dr. Sumana K, Dr. Prashanth S - Investigating the Effectiveness of Ozone Based Air Purification System For Indoor Microbial Control - *International Journal of Engineering, Management and Humanities (IJEMH)* - Mar-April 2024; 5(2): 92-97 ISSN: 2584-2145, National
14. Suneeth Shetty - *Tissue Engineering in Dentistry* - *Indian Journal of Natural Sciences* - June 2024; 15(84): 175121-75130 ISSN: 0976-0997, International
15. Ambikathanaya U K, Sunil Tejaswi K L and Suneeth Shetty - Laser in the field of Dentistry - A Review - *Indian Journal of Natural Sciences* - June 2024; 15(84): 74520-74525 ISSN: 0976-0997, International
16. Rochana Mahesh, Suma S, Pradeep S - Biosensors in Detection of Nickel Hypersensitivity - *International Journal for Multidisciplinary Research (IJFMR)* - Jul -Aug 2023; 5(4):1-9. eISSN: 2582-2160, International
17. Dr Prashanth Sadashiva Murthy, Dr Seema Deshmukh, Ms Shrishti Patel and Ms Dimple Rajesh - Machine Learning - A New Tool in Dental Armamentarium - *International Journal of Current Research* - Aug 2023; 15(8): 25552-25554. ISSN: 0975-833X, National
18. Mahesh Kagarae Puttaraju, Priyanka Nitin - Conceptual model for preogression of oral cancer - our perspective - *American Journal of Caner Research* - Aug 2023; 13(8): 3650-3658 ISSN: 2153-6976, International
19. Janani bendala, Priyanka Nitin, Usha hegde, Sreeshlya Huchanahalli Sheshanna, Pemalatha Bidadi Rajashekaraiah - Evidence-based dentistry: A potential tool for best dental practice - *Journal of Clinical and Diagnostic Research* - Aug 2023; 17(8): ZE21-ZE24. ISSN: 0973-709X, National
20. Priya Srikanth Rao, Manoj K Pandey, Prabha Mishra, Seema Deshmukh, Masroor Jahan and Shivananda Manohar J - Is training working memory in children with learning disabilities a viable solution? A systematic review - *Sage Publication* - Aug 2023; ():1-8 . ISSN:0972-7531, National
21. Bhojraj Nandlal and Arvind Neelakantan - Evaluation of the effect of Rosa Damascena and Jasminum Sambac on Dental plaque regrowth inhibition - *Journal of Stomatology & Dental Research* - Aug 2023;1(1):1-5 . ISSN: 2326-1129, International
22. Akshayraj Langaliya, Mohammad Khursheed Alam, Usha Hegde, Mangesh Shenoy Panakaje, Gabriele Cervino, Giuseppe Minervini - Occurrence of Temporomandibular disorders among patients undergoing treatment for obstructive sleep Apnoea Syndrome (OSAS) using mandibular advancement device (MAD): A Systematic review condcuted according to PRISMA guidelines and the Cochrane handbook for systematic reviews of interventions - *Journal of Rehabilitation* - Aug 2023; 00(): 1-10. ISSN: 1365-2842, National
23. Dr Mounika Prashanthi N, Dr Jaishankar H P, Dr Karthikeya Patil, Prasannasrinivas Deshpande - CBCT - a game changer in assessing osseous changes of TMJ: A comparative study to OPG - *European Chemical Bulletin* - Sep 2023; 11(12): 800-806. ISSN: 2063-5346, International
24. Sonu Acharya, Bismay Singh, Alkananda Sahoo, Brinda Suhas Godhi - Unilateral double maxillary paramotars in a non-syndromic child - a rare case report - *European Journal of Clinical and Experimental Medicine* - Sep 2023; 21(3): 654-658. ISSN:2544-1361, International
25. Manjula S - The global, regional and National burden of adult lip, oral and pharyngeal cancer in 204 countries and territories a systematic analysis for the global burden of disease study 2019 -

- Journal of the American Medical Association - Sep 2023; (7): E-1-E16. ISSN: 2374 - 2437, International
26. Sathish Radhakrishna, Eashwari Narayanan - Middle superior and anterior superior alveolar nerve injury following trauma to the maxillary sinus: a prospective clinico-radiographic evaluation - The Korean association of Maxillofacial Surgeons - Sep 2023; 49(): 262-269. ISSN: 2234-7550, International
 27. Swet Nisha, Neha Pritam, Sayani Shome, Pratibha Shashikumar, Debanjan Das - Surgical approach in Peripheral ameloblastoma - Biomedical and Biotechnology Research Journal - Sep 2023; 7(): 509-12. ISSN: 2588-9834, International
 28. Sindhu B U, Sowmya Praveen, Sandeep J N, Avinash J I, Rajiv N P, Sushma Rudraswamy - Evaluation of antimicrobial efficacy of Immunoglobulin Y (IgY) against periodontal biofilm - Journal of Oral and Maxillofacial Pathology - Sep 2023; 27(): 499-506. ISSN: 0973-029X, National
 29. Sandesh Nagarajappa, Chirag Vyas, Prashanth Mishra, Dhaman Gupta, Thippeswamy H M, Shantanu Sontakke - Impact of smartphone application Dent-O-Xpert on oral health related knowledge, attitude and behaviour of young adults - A randomized control trial - Clinical Epidemiology and Global Health - Oct 2023; 24():1-7 . ISSN: 2213-3984, International

Research supporting SDG 9: Research on Industry, Innovation, and Infrastructure (List of publications reflecting the research towards Industry, Innovation, and Infrastructure in Vancouver style)

1. Kumar, D.G., Achar, R.R., Kumar, J.R. et al. Assessment of antimicrobial and anthelmintic activity of silver nanoparticles bio-synthesized from *Viscum orientale* leaf extract. *BMC Complement Med Ther* 23, 167 (2023). <https://doi.org/10.1186/s12906-023-03982-1>.
2. Dugganaboyana GK, Kumar Mukunda C, Jain A, Kantharaju RM, Nithya RR, Ninganna D, Ahalliya RM, Shati AA, Alfaifi MY, Elbehairi SEI, Silina E, Stupin V, Velliyur Kanniappan G, Achar RR, Shivamallu C, Kollur SP. Environmentally benign silver bio-nanomaterials as potent antioxidant, antibacterial, and antidiabetic agents: Green synthesis using *Salacia oblonga* root extract. *Front Chem*. 2023 Feb 3;11:1114109. doi: 10.3389/fchem.2023.1114109. PMID: 36817178; PMCID: PMC9935694.
3. G.K. Mohan Krishana, Sahana Shivaramakrishna, Sneha Sridhar, Mansoor Ahmed Khan, Jajur Ramanna Kumar, M.R. Sai Chakith, Sushma Pradeep, C.P. Kavana, Bhargav Shreevatsa, Ali A. Shati, Mohammad Y. Alfaifi, Serag Eldin I. Elbehairi, Chandan Shivamallu, Dugganaboyana Guru Kumar, Shiva Prasad Kollur. Sustainable synthesis of zinc oxide nanoparticles using *Piper betle* petiole leaf extract: Antibacterial, antioxidant, and cytotoxic potential. *Results in Chemistry*, Volume 9, 2024, 101646, ISSN 2211-7156, <https://doi.org/10.1016/j.rechem.2024.101646>.
4. Zabiulla, Kouser S, Joythi M, Bushra Begum A, Asha MS, Hezam Al-Ostoot F, et al. Molecular docking, synthesis and antimicrobial evaluation of metal complexes with Schiff base. *Results in Chemistry*. 2023 Jan;5:100650.
5. Indumathi M C, Swetha K, Abhilasha V K, Siddappa S, Kumar SM, Prasad G K, Chen C H and Marathe GK. Selenium

Ameliorates Acetaminophen-Induced Oxidative Stress via MAPK and Nrf2 Pathways in Mice. *Biological Trace Element*

Research. 2024, 202; 2598-2615. DOI: 10.1007/s12011-023-03845-3

6. Kumar, D.G., Achar, R.R., Kumar, J.R. et al. Assessment of antimicrobial and anthelmintic activity of silver nanoparticles bio-synthesized from *Viscum orientale* leaf extract. *BMC*

- Complement Med Ther 23, 167 (2023). <https://doi.org/10.1186/s12906-023-03982-1>.
7. Dugganaboyana GK, Kumar Mukunda C, Jain A, Kantharaju RM, Nithya RR, Ninganna D, Ahalliya RM, Shati AA, Alfaifi MY, Elbehairi SEI, Silina E, Stupin V, Velliyur Kanniappan G, Achar RR, Shivamallu C, Kollur SP. Environmentally benign silver bio-nanomaterials as potent antioxidant, antibacterial, and antidiabetic agents: Green synthesis using *Salacia oblonga* root extract. *Front Chem.* 2023 Feb 3;11:1114109. doi: 10.3389/fchem.2023.1114109. PMID: 36817178; PMCID: PMC9935694.
 8. G.K. Mohan Krishana, Sahana Shivaramakrishna, Sneha Sridhar, Mansoor Ahmed Khan, Jajur Ramanna Kumar, M.R. Sai Chakith, Sushma Pradeep, C.P. Kavana, Bhargav Shreevatsa, Ali A. Shati, Mohammad Y. Alfaifi, Serag Eldin I. Elbehairi, Chandan Shivamallu, Dugganaboyana Guru Kumar, Shiva Prasad Kollur. Sustainable synthesis of zinc oxide nanoparticles using Piper betle petiole leaf extract: Antibacterial, antioxidant, and cytotoxic potential. *Results in Chemistry*, Volume 9, 2024, 101646, ISSN 2211-7156, <https://doi.org/10.1016/j.rechem.2024.101646>
 9. Priyanka N. Shenoy¹, Sneha Bhaskar¹, M. Manu¹, M. P. Likitha¹, N. Geetha¹, Shailasree Sekhar^{2*}, K Ramachandra Kini¹ Genome mining and AntiSMASH analysis of an Endophytic *Talaromyces* sp. reveal biosynthetic pathway gene clusters for novel bioactive compounds. https://jabonline.in/abstract.php?article_id=1153&sts=2

Publications

DETAILS OF PUBLICATIONS							
S l · N o	Title of the paper	Authors	Journal Name with ISSN Number	Journal	IF	International/National/quarterly journal (Q)	Indexed
Department of Pharmaceutics							
1.	How Generic Drugs are Registered in Europe, United Kingdom, Australia and New Zealand? - A Drug Regulatory Perspective. (Review) (Intercollegiate Publication)	Sandeep DS, Lavanya YK, Shailesh T.	International Journal of Pharmaceutical Investigation/ ISSN: 2230-9713	2023; 13(3): 440-445	--	National	Web of science
2.	Regulatory Review in Rest of the World Market – Chile (Review)	Rohit S. Gahilod, Balamuralidhara V	Indian Journal of Natural Sciences/ ISSN: 0976-0997	2023; 14(78): 5849-5586	--	National	Web of science
3.	The multifaceted role of extracellular vesicles in prostate cancer-a review (Review)	Divya PJ, Yirivinti HD, Hitesh K, Rupshee J, Vikas J	Cancer Drug Resistance/ ISSN: 2578 - 532X	2023; 6: 481-498	3.7	International	Web of science

	(Intercollegiate Publication)						
4.	F3 Peptide Functionalized Liquid Crystalline Nanoparticles for Delivering Salinomycin Against Breast Cancer (Research)	Hitesh K, N. Vishal G, Rupshee J, subbarao V. Madhupantula, Saravana BC, Surajit D, Anshita GS, Vikas J	International Journal of Pharmaceutics/ ISSN: 0378-5173	2023; 10.1016/j.ijpharm.2023.123226	5.8	International Q1	Scopus and Web of science
5.	Emerging Applications of Electrospun Nanofibers Using Various Fabrication Techniques (Review)	Tanvi B, Hitesh K, Rupshee J, Vikas J	Indian Journal of Pharmaceutical Education and Research / ISSN: 0019-5464	2023; 57(3): 658-668	0.8	National	Web of science
6.	Angiopep-2 Grafted PAMAM Dendrimers for the Targeted Delivery of Temozolomide: In Vitro and In Vivo Effects of PEGylation in the Management	Rakesh KS, Hitesh K, Vikas J, Sonal S, Ajazuddin, Umesh G	ACS Biomaterials Science & Engineering/ ISSN: 2373-9878	2023; 10.1021/acsbiomaterials.3c00263	5.8	International Q1	Scopus and Web of science

	ent of Glioblastoma Multiforme (Research)						
7.	Remineralisation of Enamel using Natural and Plant Products: A Narrative Review (Review)	Madarahalli SG, BR Chandrashekhar, MP Venkatesh, MD Indira, KC Shylaja	Journal of Clinical and Diagnostic Research / ISSN: 0973-709x	2023; https://doi.org/10.7860/JCDR/2023/63307.17956	--	National	Web of science
8.	Development, Characterization and Evaluation of Cubosomes Loaded Smart Gel for the Treatment of Osteomyelitis using 32 Factorial Design (Review) (Intercollegiate Publication)	N. Vishal G, Siddharth CJ, Vikas J, Gundawar R	Indian Journal of Pharmaceutical Education and Research / ISSN: 0019-5464	2023; 57(3): 695-702	0.8	National	Web of science
9.	Nanoemulsion for the Treatment of Psoriasis (Review)	Praveen H, Mohit A, Arjun HR, Hemanth PRV, Soundaryashree NR, Preethi S	Bulletin of Environment, Pharmacology and Life	2023; 12(1): 308-317	0.8	National	Web of science

			Sciences/ ISSN: 2277-1808			
10	A Snapshot of Regulatory Approval of Medical Devices in Australia and China (Review)	Gowthami KR, Thoyajaksha V, Balamuralidhara V	Indian Journal of Natural Sciences/ ISSN: 0976-0997	2023; 14(79): 58284-58293	--	National Web of science
11	Dual targeting multiwalled carbon nanotubes for improved neratinib delivery in breast cancer (Research) (Intercolligate Publication)	Amr SAL, Rohini B, Afrasim M, Turki Al H, Marwa HA, Syed Mohd DR, El-Sayed K, Talib H, HV Gangadharappa	RSC Advances/ ISSN: 2046-2069	2023; 13: 24309-24318	4.036	International Q1 Scopus and Web of science
12	In vivo Evaluation of I.V Administered Lipid Suspension Injection of Fingolimod in Sprague Dawley Rats (Research)	Kiran KJ, Gangadharappa HV	European chemical bulletin/ ISSN: 2063-5346	2023; 12(7): 4053-4061	0.33	International Q3 Scopus

13	Analyzing Biosimilars in Brazil: Comprehensive Specifications of the Regulatory System (Review)	KS Deeksha, Balamuralidhara V, Gowthami KR	Indian Journal of Pharmaceutical Education and Research / ISSN: 0019-5464	2023; 57(3): S499-S506	0.8	National	Web of science
14	An Overview of Biomarker in Breast Cancer (Review)	Akhila G, Nagashree AG, Asha Spandana KM, Hemanth Kumar S, Harshith HS, Vishnu Vardh R, Shailesh T	International Journal of Pharmaceutical Investigation/ ISSN: 2230-9713	2023; 13(4): 721-734	--	National	Web of science
15	Intranasal nanoparticle delivery systems for neurodegenerative disorders: a review (Review)	S Ramesh Babu, HH Shekara, Ashish KS, Pyda Venkata HV, N Thirupathi, Venkatesh MP	Therapeutic Delivery/ ISSN: 2041-5990	2023; 10.4155/tde-2023-0019	4.2	International Q2	Scopus and Web of science
16	Tiny titans-unravelling the potential of polysaccharides and proteins based dissolving microneedles in	Madhuchandra K, Umme H, Adel Al F, Nazima H, Sirajunisa T, HV. Gangadharappa, Kiran RG, Sharath	International Journal of Biological Macromolecules \ ISSN: 0141-8130	https://doi.org/10.1016/j.ijbiomac.2023.127172	8.2	International Q1	Scopus and Web of science

	drug delivery and theranostics: A comprehensive review (Review)	HP, Riyaz AMO					
17	Repurposing of bexarotene for the management of alzheimer's disease (Review)	Shubhashitha HM, Pyda Venkata HV, Harikrishna NM, Praveen H, Skandan N, Navya A, Asha Spandana KM	European Chemical Bulletin ISSN: 2063-5346	https://www.eurchembull.com/uploads/paper/4b356e969d5c037b6658c03e8a96918b.pdf	0.4	International Q2	Scopus and Web of science
18	The Use of Nanoneedles in Drug Delivery: an Overview of Recent Trends and Applications (Review)	M Rahamathulla, Santhosh M, DV Gowda, Ali HA, MM Ahmed, Riyaz AMO, Sathish R, Balamuralidhara V	AAPS PharmSciTech ISSN: 1530-9932	2023; 24(8): doi: 10.1208/s12249-023-02661-1	3.3	International Q2	Scopus and Web of science
19	Influence of Pharmacology Concepts on Medical Representative Sales Outcomes and Corporate Equity	Sunil SC, HG Shivakumar, Meghana GS, DV Gowda	IJPER ISSN: 195464	10.5530/ijper.57.4.143	0.8	National	-

	(Research)						
20	Fecal microbiota transplantation: History, procedure and regulatory considerations (Review)	Thanush D, MP Venkatesh	La Presse Médicale ISSN: 2213-0276	204 2023; https://doi.org/10.1016/j.lpm.2023.104	2.7	International Q3	Scopus and Web of science
21	Consumer Protection Act, 2019: A Case Study (Review)	Bureddi Anudeep Venkata Sai, Deeksha KS, Balamuralidhara V	Journal of International Research in Medical and Pharmaceutical Sciences/ ISSN: 2395-4477	2023; 10.56557/JIRMEPS/2023/v18i38444	--	National	--
22	Fisetin-Loaded Nanostructured Lipid Carriers: Formulation and Evaluations against Advanced and Metastatic Melanoma (Research)	Hitesh K, Pallavi C, Shantanu P, Sahid M, Rupshee J, SubbaRao VM, Vikas J	Molecular Pharmaceutics/ ISSN: 1543-8392	2023; 20(13): 6035-6055	4.9	International Q1	Scopus and Web of sciences
23	A review of biological	Hitesh K, N. Vishal Gupta,	Journal of Advance	2023; 54: 271-292	12.8 22	International Q1	Scopus

	targets and therapeutic approaches in the management of triple negative breast cancer (Review) (Intercollegiate Publication)	Rupshee J, Subbarao VM, C. Saravana Babu, Siddharth SK, Surajit D, Vikas J	Research / ISSN: 2090-1232				and Web of sciences
24	Recent Advances of Multifunctional PLGA Nanocarriers in the Management of Triple-Negative Breast Cancer (Review) (Intercollegiate Publication)	Yirivinti HD, Naveen R, N Usha Kumari, Vikas J, Neelesh Kumar M	AAPS Pharm SciTech/ ISSN: 1530-9932	2023; https://doi.org/10.1208/s12249-023-02712-7	4.026	International Q1	Scopus and Web of sciences
25	Comparison of efficacies of azithromycin & doxycycline as local drug delivery agents in treatment of chronic periodontitis – A	Deepika P, Chandrasekara R, Nagarjuna Reddy YV, Swet N, Samyuktha B, MP Venkatesh, KG Rajeshwari	International Journal of Nutrition, Pharmacology, Neurological Diseases/ ISSN: 2231-0738	2023; 13(4): 243-249	--	National	Scopus

	clinical and microbiological study (Research) (Intercolligate Publication)						
26	Impurities in Drug Substance -An Overview of ICH Q3A, Q3C and M7 Guidelines (Review) (Intercolligate Publication)	Sonal Jesa Dsouza, Sandeep DS, Narayana Charyulu R, Gowrav MP, Pradeep HK	International Journal of Pharmaceutical Investigation/ ISSN: 2230-9713	2024; 14(2):	0.5	National	Web of sciences
27	An Update on Emergent Nano-Therapeutic Strategies against Pediatric Brain Tumors (Review) (Intercolligate Publication)	AVVV Ravi Kiran, Afrasim M, AS Abu Lila, Asha PJ, Kusuma GK, Gangadharappa HV, Praveen TK, Riyaz AMO, Madhuchandra K, Syed Mohd Danish Rizvi	Brain Science/ ISSN: 2076-3425	2024; 14(2): 10.3390/brainsci14020185.	3.3	International Q3	Scopus and Web of science
28	Navigating Global Regulator	J Kumar, A Ramkisha	International Journal	2024; 14(1):1-9	0.5	National	Web of

	y Requirements for Generic Drugs: A Comparative Study of MIST, BRICS, and ICH Countries (Review article) (Intercoll egiate Publicati on)	n, Venkatesh MP	of Pharmac eutical Investiga tion/ ISSN: 2230-9713				sci enc es
29	Role of Traditiona l Plant Compoun ds in the Treatment of Neuropsychi atric Diseases (Review article) (Intercoll egiate Publicati on)	Halagali PS, Preethi S	Internati onal Journal of Pharmac eutical Investiga tion/ ISSN: 2230-9713	2024; 14(1): 48-54	0.5	National	We b of sci enc es
30	Formulati on and Evaluatio n of Microsph eres Drug Delivery for Multiple Sclerosis Disease Condition (Researc h article)	Kiran K Jadhav, Gangadha rappa H V	Internati onal Journal of Drug Delivery Technolo gy/ ISSN: 0975 4415	2024; DOI: 10.25258/ijddt.14.1.13	1.529	National	Sc op us
31	Bioanalyt ical method developm	Johnson AP, Jyothi SL, Vikram	Microch emical Journal/ ISSN:	2024; https://doi.org/10.1016/j.microc.2024.110541	4.8	Internatio nalQ1	Sc op us

	ent and validation for the quantification of raloxifene hydrochloride from mice plasma by RP-HPLC (Research article) (Intercollegiate Publication)	PH, Pramod K, Venkatesh MP, Osmani RA, Gangadharappa HV	1095-9149				and Web of Science
32	From skin to brain: pioneering transdermal drug delivery for parkinsons patients (Review article)	Santhosh raj R K , Lahiri A, Balamuralidhara V	International Journal of Biology, Pharmacy and Allied Sciences/ ISSN: 2277-4998	2024; https://doi.org/10.31032/IJBPAS/2024/13.3.7856	Ni 1	National	Web of Science
33	Formulation and Evaluation of Fumaria parviflora Loaded Oil in Water Emulsion -Based Cream (Research article)	Arjun HR, Somanna P	International Journal of Pharmaceutical Investigation/ ISSN: 2230-9713	2024; 10.5530/ijpi.14.2.59	Ni 1	National	Web of science
34	Bitter yet beneficial : The dual role of dietary alkaloids in managing	Alkanad M, Hani U, V AH, Ghazwani M, Haider N, Osmani RA, MD	Biofactors/ ISSN: 1872-8081	2024; https://doi.org/10.1002/biof.2034	6. 0	International Q1	Scopus and Web

	diabetes and enhancing cognitive function (Review article) (Intercoll egiate Publicati on)	P, Hamsalak shmi, Bhat R					of Sci enc e
35	Pioneerin g a paradigm shift in tissue engineeri ng and regenerati on with polysacch arides and proteins-based scaffolds: A comprehe nsive review (Review article) (Intercoll egiate Publicati on)	Angolkar M, Paramshe tti S, Gahtani RM, Al Shahrani M, Hani U, Talath S, Osmani RA, Spandana A, Gangadha rappa HV, Gundawa r R	Internati onal journal of biologica l macromo lecules/ ISSN: 1879-0003	2024; https://doi.org/10.1016/j.ijbiomac.2024.130643	8. 2	Internatio nal Q1	Sc op us and We b of Sci enc e
36	Nanoemu lsion through cold emulsific ation: An advanced cold manufact uring process for a stable and advanced drug delivery	Bhatt P, Bhatt T, Jain V, Jain R, Bigoniya P	Journal of Applied Pharmac eutical Science/ ISSN: 2231-3354	2024; DOI: 10.7324/JAPS.2024.154558	Ni 1	National Q2	Sc op us

	system (Research article) (Intercolligate Publication)						
37	Unlocking the potential of nanocarrier-mediated mRNA delivery across diverse biomedical frontiers: A comprehensive review (Review article) (Intercolligate Publication)	Pawar S, Pingale P, Garkal A, Osmani RA, Gajbhiye K, Kulkarni M, Pardeshi K, Mehta T, Rajput A	International journal of biological macromolecules/ ISSN: 1879-0003	2024; https://doi.org/10.1016/j.ijbiomac.2024.131139	8.2	International Q1	Scopus and Web of Science
38	Drug eluting protein and polysaccharides-based biofunctionalized fabric textiles-pioneering a new frontier in tissue engineering: An extensive review (Review article)	Garg A, Alfatease A, Hani U, Haider N, Akbar MJ, Talath S, Angolkar M, Paramsheetti S, Osmani RA, Gundawar R	International journal of biological macromolecules/ ISSN: 1879-0003	2024; https://doi.org/10.1016/j.ijbiomac.2024.131605	8.2	International Q1	Scopus and Web of Science

	article) (Intercoll egiate Publicati on)						
39	Simvastatin-Encapsulated Topical Liposomal Gel for Augmented Wound Healing: Optimization Using the Box-Behnken Model, Evaluations, and In Vivo Studies (Research article) (Intercoll egiate Publicati on)	Rahamath ulla M, Pokale R, Al-ebini Y, Osmani RA, Thajudeen KY, Gundawar R, Ahmed MM, Farhana SA, Shivanan dappa TB	Pharmaceuticals/ ISSN: 1424-8247	2024; https://doi.org/10.3390/ph17060697	4. 6	Internatio nal Q1	Sc op us an d We b of Sci enc e
40	Harnessing DNA origamis therapeutic potential for revolutionizing cardiovascular disease treatment: A comprehensive review (Review article) (Intercoll egiate	Bonde S, Osmani RA, Trivedi R, Patravale V, Angolkar M, Prasad AG, Ravikumar AA	Internati onal Journal of Biologic al Macrom olecules/ ISSN: 1879-0003	2024; https://doi.org/10.1016/j.ijbiomac.2024.132246 https://doi.org/10.1016/j.ijbiomac.2024.132246	8. 2	Internatio nal Q1	Sc op us an d We b of Sci enc e

	Publicati on)						
41	Box- Behnken Design- Based Optimizat ion and Evaluatio n of Lipid- Based Nano Drug Delivery System for Brain Targeting of Bromocri ptine (Researc h article) (Intercoll egiate Publicati on)	KM AS, Angolkar M, Rahamath ulla M, Thajudee n KY, Ahmed MM, Farhana SA, Shivanan dappa TB, Paramshe tti S, Osmani RA, Natarajan J	Pharmac euticals/ ISSN:14 24-8247	2024; https://doi.org/10.3390/ph17060720	4. 3	Internatio nal Q1	Sc op us an d We b of Sci enc e
Department of Pharmaceutical Chemistry							
1.	A century- old one- pot multicom ponent Biginelli reaction products still finds a niche in drug discoverie s: Synthesis, mechanist ic studies and diverse biological activities of dihydropy	Syed F, Tamsheel FR, Ruby MR, Yuvaraj S , Prashanth a Kumar BR	Journal of Molecula r Structure / ISSN: 0022- 2860	2023; 1291(6): 136020-136041	3. 86	Internatio nal Q2	Sc op us an d We b of sci enc es

	rimidines (Review)						
2.	In vitro study and pharmacokinetic evaluation of sitagliptin phosphate enantiomers in rat plasma (Research)	T Spandana, Veera VN Goli, BM Gurupadaya	Bioanalysis/ ISSN: 1757-6180	2023; 10.4155/bio-2023-0084	2.6	International Q2	Scopus and Web of science
3.	Analytical techniques for Posaconazole, an effective treatment option for mucormycosis: A Comprehensive Review (Review)	Amruth CP, Hima S, Hemanth VPR, RS Chandan, Chethan IA, Prajwal BN.	European Chemical Bulletin/ ISSN: 2063-5346	2023; 12(10): 543-572	0.4	International Q3	Scopus
4.	Nanosizing Approaches: Current Trends in the Solubility Enhancement of Poorly Water-soluble Drugs (Review) (Intercollegiate Publication)	Satish S, Ekta G, Shvetank B, Pawan KG, Neeraj KS, Vikas J, Rupshee J	Indian Journal of Pharmaceutical Education and Research / ISSN: 0019-5464	2023; 57(3): 625-639	0.8	National	Web of science

5.	Discovery of Novel Myristic Acid Derivatives as N-Myristoyl transferase Inhibitors : Design, Synthesis, Analysis, Computational Studies and Antifungal Activity (Research) (Intercolligate Publication)	Saleem J, Hissana A, Umme H, Ayesha S, Shaik Md AA, Dhivya S, H Yogish Kumar, Rajaguru A, Madhusudan NP, BR. Prashantha Kumar	Antibiotics/ ISSN: 2079-6382	2023; https://doi.org/10.3390/antibiotics12071167	4.9	International Q1	Scopus and Web of science
6.	RP-HPLC-DAD method development and validation of L-lysine hydrochloride: application to bulk drug substance and multivitamin oral suspension (Research) (Intercolligate Publication)	PR. Hemanth Vikra, Narasimha MB, Hitesh BP, Pramod Kumar	Accreditation and Quality Assurance/ ISSN: 1432-0517	2023; https://doi.org/10.1007/s00769-023-01544-z	0.9	International Q3	Scopus and Web of science

7.	Novel β -L-1,3-thiazolidine pyrimidine nucleoside analogues : Design, Synthesis, Molecular Docking, and Anti-HIV Activity (Research)	SN Sriharsha, N. Habeela J, Mahalaxmi SB, Shankar T, ES Venkatesh , Durgesh PB, GV Pujar, Sheshagiri Dixit	Journal of Molecular Structure / ISSN: 1872-8014	2023; https://doi.org/10.1016/j.molstruc.2023.136304	3.841	International Q2	Scopus and Web of science
8.	Comparison of in-silico and in-vitro studies of benzimidazoleoxothiazolidine derivatives as M.Tuberculosis transcript or inhibitors (Research)	Sonal D, Sakshi B, Prabitha P, Subhankar PM, Ekta S	German Journal of Pharmaceuticals and Biomaterials/ ISSN: 2750-6258	2023; 2(2): 20-29	--	National	--
9.	Evaluation of Bromelain, A Pineapple Extract as a Bleaching Agent on Human Enamel and Determining its Concentra	Ramya S, Ashwini TS, B Mahendran, RS Chandan, Sowmya HK	Journal of Orofacial Sciences/ ISSN: 0975-8844	2023; 15(1): 31-37	0.45	International Q3	Scopus

	tion by Reverse-HPLC Method (Research) (Intercoll egiate Publicati on)						
10	Isolation, Identificat ion, and Antibacte rial Properties of Prodigiosi n, a Bioactive Product Produced by a New Serratia marcesce ns JSSCPM1 Strain: Exploring the Biosynthe tic Gene Clusters of Serratia Species for Biologica l Applicati ons (Researc h)	Rajaguru A, Ayed AD, Syed PA, Yasser A, Ahmed S, Umme H, SA Ramakris hnan, Mohamed STAA, Raman R, Aishwary a S, Haritha H, B. R. Prashanth a Kumar	Antibioti cs/ ISSN: 2079-6382	2023; https://doi.org/10.3390/antibiotics12091466	5.22	Internatio nal Q1	Sc op us and We b of sci enc e
11	New LPA1 receptor modulator s: Design, synthesis, in-silico, and anticancer	Bhagyalal itha M, Pavan S R, Ashwini P, Akshatha HS, Arun Kumar S,	Journal of Molecula r Structure / ISSN: 1872-8014	2023; https://doi.org/10.1016/j.molstruc.2023.136672	3.841	Internatio nal Q2	Sc op us and We b of sci

	studies of triazole and oxadiazole analogs (Research)	Manisha S, Karthik GP, Revana Siddappa BC, Durgesh B, GV Pujar					ence
12	Chinese Clinical Trial Registry (ChiCTR) 13-year data collection and analysis: geographic distribution, financial support, research phase, duration, and disease categories (Research)	Ruitai F, Yufei Z, Runze Z, Narasimha MB, Olga AS, Ruiwen Z, Shijie L, Xiang Z, Chunying L, Song H, Mahesh PA, Gurupadaya BM, Vladimir NN, Di Z, Junqi L	Frontiers in Medicine / ISSN:	2023; 10.3389/fmed.2023.1203346	5.091	International Q1	Scopus and Web of Science
13	New LPA1 receptor modulators: Design, synthesis, in-silico, and anticancer studies of triazole and oxadiazole analogs (Research)	Bhagyalalitha M, Pavan S R, Ashwini P, Akshatha H S, Arun KS, Manisha S, Karthik GP, Revana Siddappa BC, Durgesh B, GV Pujar	Journal of Molecular Structure ISSN: 0022-2860	https://doi.org/10.1016/j.molstruc.2023.136672	3.841	International Q1	Scopus and Web of Science

14	Development of novel thiazolidine-2,4-dione derivatives as PPAR- γ agonists through design, synthesis, computational docking, MD simulation, and comprehensive in vitro and in vivo evaluation (Research)	Mahendra GS, Revanasi ddappa BC, Ashwini P, Vinitha R, Sudeep DG, Prashantha Kumar BR	RSC Medicinal Chemistry ISSN: 1260	10.1039/d3md00273j	4.26	International Q1	Scopus and Web of Science
15	Combinatorial Implications of Nrf2 Inhibitors with FN3K Inhibitor: In Vitro Breast Cancer Study (Research) (Intercolligate Publication)	Narasimha BM, Zhang J, Zhao D, Liu J, AU Chinnappa, Vikram PRH, Sivaprakash P, B Namitha, Manogaran P, Sinelnikov YM, B Gurupadaya, Fan R	Current Pharmaceutical Design ISSN: 1381-6128	10.2174/011381612826146623101114600	3.1	International Q2	Scopus and Web of Science
16	Drug Targets, Current and Future	Deepshikha S, Vikram S, Subhankar SP,	Current Drug Therapy ISSN:	10.2174/1574885519666230830125139	0.65	International Q3	Scopus and

	Therapeutics for the Treatment of Multi Drug Resistant Tuberculosis with their Clinical Applications: A Critical Review (Review)	Karen DS, BR Prashantha Kumar, Sheshagiri RD	1574-8855				Web of Science
17	Restoration of p53 functions by suppression of mortalin-p53 sequestration: an emerging target in cancer therapy (Review)	Akshatha HS, Bhagyalalitha M, GV Pujar, Raghu CH, Arun KS, Manisha S, Durgesh B	Future Medicinal Chemistry ISSN: 1756-8919	https://doi.org/10.4155/fmc-2023-0061	4.767	International Q2	Scopus and Web of Science
18	Novel Antitubercular Agents: Design, Synthesis, Molecular Dynamic and Biological Studies of Pyrazole-1,2,4-Triazole Conjugates (Research)	KA Ajin, S Arun Kumar, Manisha S, HS Akshatha, M Bhagyalalitha, Karthik GP, MN Sumana, VM Chandrashekar, Durgesh B, GV Pujar	Chemistry and Biodiversity ISSN: 1612-1872	doi.org/10.1002/cbdv.202300971	2.9	International Q2	Scopus and Web of Science

19	Chinese Clinical Trial Registry (ChiCTR) 13-year data collection and analysis: geographic distribution, financial support, research phase, duration, and disease categories (Research) (Intercolligate Publication)	Ruitai F, Yufei Z, Runze Z, Narasimha MB, Olga AS, Ruiwen Z, Shijie L, Xiang Z, Chunying L, Song H, Mahesh PA, Gurupadaya BM, Vladimir NN, Di Z, Junqi L	Frontiers in Medicine (Regulatory Science) ISSN: 2095-0217	10.3389/fmed.2023.1203346	3.9	International Q1	Scopus and Web of Science
20	Inflammation and Stem Cell Stochasticity of HPV-induced Cervical Cancer: Epigenetics Based Biomarkers through Microbiome and Metabolome for Personalized Medicine: A	Yufei Z, Junqi L, Narasimha MB, Prasath M, Hemanth VPR, Lakshmi DYN, Md. Shaik S, Bhupalam P, Mikhail YS, MV Greeshma	Current Medicinal Chemistry/ ISSN: 0929-8673	2023; 10.2174/0109298673257429231108072717	4.1	International Q1	Scopus and Web of science

	Systematic Review (Review) (Intercollegiate Publication)	Mahesh PA, Namratha MP, BM Gurupadaya, Jie Z, Ruitai F					
21	Screening fructosamine-3-kinase (FN3K) inhibitors, and deglycating enzyme of oncogenic Nrf2: Human FN3K homology modelling, docking and molecular dynamics simulations (Research)	Narasimha MB, Jin Z, Subhankar M, Hemanth VPR, Junqi L, Namitha BM, Di Z, Prashanth V, Gurupadaya BM, Ruitai F	PLOS ONE/ ISSN: 1932-6203	2023; doi.org/10.1371/journal.pone.0283705	3.752	International Q1	Scopus and Web of science
22	Nitrosamines crisis in pharmaceuticals - insights on toxicological implications, root causes and risk assessment: A systematic review (Review)	Hemanth PRV, T Pramod Kumar, Gunjan K, Narasimha MB, Rajashree D, Sheik MS, Sandeep J, Namitha B, Gayatiri P, RS Chandan, Pramod K, B	Journal of Pharmaceutical Analysis/ ISSN: 2095-1779	2023; https://doi.org/10.1016/j.jpha.2023.12.009	14.026	International Q1	Scopus and Web of Sciences

		Gurupada yya					
23	Benzothiazole derivatives as p53 MDM2 inhibitors in silico design ADMET predictions molecular docking MM GBSA Assay MD simulations studies (Research) (Intercolligate Publication)	Shridhar DN, BC Revanasi ddappa, Sheshagiri D, Abhiman yu A, Shivakumar, Sudeep DG, Udaya Kumar D	Journal of Biomolecular Structure and Dynamics/ ISSN: 1538-0254	2024; https://doi.org/10.1080/07391102.2023.2294836	4.4	International Q1	Scopus and Web of Science
24	Comparative analysis of the skin surface lipids between acne patients and controls using UFLC method (Research) (Intercolligate Publication)	M Walia, BM Gurupada yya, Vinutha Rangappa , Veeranna S, Konala H	Accreditation and Quality Assurance/ ISSN: 1432-0517	2024; https://doi.org/10.1007/s00769-023-01568-5	0.9	International Q3	Scopus and Web of Science
25	Rational design, synthesis, analysis	Javid S, Aishwarya S, Dhivya S,	Journal of Molecular	2024; https://doi.org/10.1016/j.molstruc.2024.137568	3.841	International Q1	Scopus and

	and antifungal activity of novel myristic acid derivatives as N-myristoyl transferase inhibitors (Research) (Intercoll egiate Publication)	Haritha H, MN Purohit, B R Prashantha Kumar, Yogish Kumar H, Rajaguru A, Kiran CN, NBS Nagojappa, NF Anjum	Structure /ISSN: 1 872- 8014				d We b of Sci enc e
26	Isatin-tethered halogen-containing acylhydrazone derivatives as monoamine oxidase inhibitor with neuroprotective effect(Research) (Intercoll egiate Publication)	Sunil Kumar, Jong Min Oh, Prabhatha Prabhakaran, Abhimanyu Awasti, Hoon Kim & Bijjo Mathew	Scientific reports/ISSN: 2045-2322	2024; https://doi.org/10.1038/s41598-024-51728-x	4.6	International Q1	Sc op us and We b of Sci enc e
27	Novel Perspectives of TSLP and RXR Signaling in Corticosteroid-Resistant Asthma: Updates	Zhang S, Dsouza K, Beerakam NM, Liu J, Reshetnik O, Pr HV, Priyanka LG, Greeshma	Current medicinal chemistry/ISSN: 1875-533X	2024; https://doi.org/10.2174/0109298673268237231124064413	4.1	International Q1	Sc op us and We b of Sci enc e

	on TSLP Blockers (Review) (Intercoll egiate Publicatio n)	MV, Bhupalam PK, Pa M, Manogara n P, Gurupada yya Bannimat h.					
28	Expressio n Patterns and Relevanc e of FN3K, Nrf2, and NQO1 in Breast Cancers(Research) (Intercoll egiate Publicatio n)	Beeraka NM, Zhang J, Uthaiah CA, Anastasia CA, Liu J, Gurupada yya Bannimat h, Ramacha ndrappa HV, Priyanka MK, Bannimat h N, Deaka R, Manogara n P, Souza KD	Eurasian Journal of Medicine and oncology / ISSN 2587-196X	2024; DOI: 10.14744/ejmo.2024.61033	2.5	Internatio nal Q3	Sc op us an d We b of Sci enc e
29	Design, synthesis and evaluatio n of new thiazolidi n-4-ones as LPA1 receptor antagonist s for breast cancer therapy (Researc h article) (Intercoll	Bhagyalal itha M, Prabhu A, Hs A, Kumar SA, Singh M, Pujar KG, Pujar GV.	Future Medicina l Chemistr y/ ISSN: 1756-8927	2024; https://doi.org/10.4155/fmc-2023-0333	4.2	Internatio nal Q2	Sc op us an d We b of Sci enc e

	egiate Publicati on)						
30	Anticancer potential of novel symmetrical and asymmetrical dihydropyridines against breast cancer via EGFR inhibition : molecular design, synthesis, analysis and screening (Research article) (Intercoll egiate Publicati on)	Faizan S, Talath S, Wali AF, Hani U, Haider N, Mandal SP, Kumar BP.	RSC Advance s/ ISSN: 2046-2069	2024; 10.1039/d4ra01424c	3.9	International Q1	Scopus and Web of Science
31	A multifaceted approach for the development of novel Hantzsch 1,4-dihydropyridines as anticancer agents: Rational design, parallel synthesis, analysis (Research article)	Sruthi AS, Faizan S, Vikram H, Veena NG, Susil A, Harindranath H, Kumar SV, Shivaraju VK, Kumar BP	Results in Chemistry/ ISSN 2211-7156	2024; https://doi.org/10.1016/j.rechem.2024.101413	2.3	International Q3	Scopus and Web of Science

	(Intercollegiate Publication)						
32	Quinone scaffolds as potential therapeutic anticancer agents: Chemistry, mechanism of Actions, Structure-Activity relationships and future perspective (Review article) (Intercollegiate Publication)	Faizan S, Mohsen MM, Amarakanth C, Justin A, Rahangdale RR, Chandrashekar HR, Kumar BP	Results in Chemistry/ ISSN 2211-7156	2024; https://doi.org/10.1016/j.rechem.2024.101432	2.3	InternationalQ3	Scopus and Web of Science
33	Design, synthesis of new 2,4-thiazolidinediones: In-silico, in-vivo anti-diabetic and anti-inflammatory evaluation (Research article) (Intercollegiate Publication)	Gharge S, Alegaon SG, Ranade SD, Khatib NA, Kavalapure RS, Kumar BP, Vinod D, Bavage NB	European Journal of Medicinal Chemistry Reports/ ISSN: 2772-4174	2024; https://doi.org/10.1016/j.ejmcr.2024.100151	-	InternationalQ2	Scopus and Web of Science

34	Pharmacokinetics and Pharmacodynamics of a Nanostructured Lipid Carrier Co-Encapsulating Artemether and miRNA for Mitigating Cerebral Malaria (Research article) (Intercolligate Publication)	Goli VV, Tatineni S, Hani U, Ghazwani M, Talath S, Sridhar SB, Alhamhom Y, Fatima F, Osmani RA, Shivaswamy U, Gurupadaya Bannimath, Chandrasekaran V	Pharmaceuticals/ISSN: 1424-8247	2024; https://doi.org/10.3390/ph17040466	4.6	International Q1	Scopus and Web of Science
35	Traditional Uses, Phytochemistry, and Pharmacological Activities of Coleus amboinicus: A Comprehensive Review (Review article) (Intercolligate Publication)	Paul K, Gowda BH, Hani U, Chandan RS, Mohanto S, Ahmed MG, Ashique S, Kesharwani P	Current Pharmaceutical Design/ISSN: 1873-4286	2024; http://dx.doi.org/10.2174/0113816128283267240130062600	3.1	International Q2	Scopus and Web of Science
36	Design, synthesis, molecular dynamic simulation	Ranade SD, Alegaon SG, Khatib	Journal of Molecular Structure	2024; https://doi.org/10.1016/j.molstruc.2024.138359	3.8	International Q2	Scopus and

	n, DFT analysis, computational pharmacology and decoding the antidiabetic molecular mechanism of sulphamide-thiazolidin-4-one hybrids (Research article) (Intercolligate Publication)	NA, Gharge S, Kavalapure RS, Kumar BP	/ ISSN: 1872-8014				Web of Science
37	EGFR as therapeutic target to develop new generation tyrosine kinase inhibitors against breast cancer: A critical review (Review article) (Intercolligate Publication)	Raju RM, Jeffin JA, Manjunath RN, Justin A, Kumar BP	Results in Chemistry/ ISSN: 2211-7156	2024; https://doi.org/10.1016/j.rechem.2024.101490	2.3	International Q3	Scopus and Web of Science
38	N-Substituted dihydropyridines as promising EGFR	Faizan S, Hani U, Haider N, Vadivel V, Kumar BP	Results in Chemistry/	2024; https://doi.org/10.1016/j.rechem.2024.101502	2.3	International Q3	Scopus and Web

	tyrosine kinase inhibitors against breast cancer: Design, synthesis, biological evaluation, docking, and molecular dynamics simulations (Research article) (Intercollegiate Publication)		ISSN: 2211-7156				of Science
39	Synthesis, Molecular Docking, MD Simulation and Evaluation of Anticancer Activity of Novel 1, 3, 4-Oxadiazole derivative against Ehrlich Ascites Carcinoma (EAC) Cell lines (Research article) (Intercollegiate Publication)	Shridhar Deshpande N, Shivakumar, Udayakumar D, Prabhu A, Rani V, Dixit SR, Singh D, Revanasi ddappa BC	Journal of Computational Biophysics and Chemistry/ ISSN: 2737-4173	2024; https://doi.org/10.1142/S2737416524500030	2.2	International Q3	Scopus and Web of Science

40	Formulation And Development Of Hplc Validation For The Simultaneous Estimation Of Antibacterial Agents. (Research article) (Intercolligate Publication)	Aishwarya PJ, Hossain M, Sahu S, Chethan IA, Sasmal ST, Mhetre RM, Haque M, Dutta S.	Educational Administration: Theory and Practice/ ISSN: 2148-2403	2024; https://doi.org/10.53555/kuey.v30i6.5972	Ni 1	Interantional Q4	Scopus
Department of Pharmacology							
1.	A review on chitosan and alginate-based microcapsules: Mechanism and applications in drug delivery systems (Review)	Shahid Ud DW, Md Ali, Seema M, Mubashir HM, Mohammed IZ, Faiyaz S	International Journal of Biological Macromolecules/ ISSN: 0141-8130	2023; https://doi.org/10.1016/j.ijbiomac.2023.125875	8.02	International Q1	Scopus and Web of science
2.	Global, regional, and national burden of diabetes from 1990 to 2021, with projections of prevalence to 2050:	Kanyin LO, Lauryn KS, Susan AM, Edward JB, Stein EV, Amanda ES, Bronte ED, Joe	Lancet/ ISSN: 0140-6736	2023; doi: 10.1016/S0140-6736(23)01301-6.	168.9	International Q1	Scopus and Web of science

	a systematic analysis for the Global Burden of Disease Study 2021 (Research) (Intercolligate Publication)	D, Jessica AC, Hailey H, Paulina AL, Amirali A, Yohannes HA, Saravana BC, William CSC, Sonali GC, Rajiv C,					
3.	Discovery of Hybrid Thiouracil–Coumarin Conjugates as Potential Novel Anti-SARS-CoV-2 Agents Targeting the Virus’s Polymerase “RdRp” as a Confirmed Interacting Biomolecule (Research)	Divakar V, Anita SA, Manjunath BH, Mahesh PA, Saravana BC, Gajanan S, Basappa B, Pragya DY	ACS OMEGA / ISSN: 2470-1343	2023; https://doi.org/10.1021/acsomega.3c02079	4.132	International Q2	Scopus and Web of sciences
4.	Gut microbiome-based dietary intervention in Parkinson	S Ayesha, P Shasthara, HS Sindhu, Narayan MK,	International Journal of Nutrition	2023; 10.4103/ijnpnd.ijnpnd_8_23	--	International Q4	Scopus

	disease subject: A case report (Case Report)	Hediyal TA, Sharma S, Senthil Kumar A, Dave P, Mahalaxmi AM, Chidambaram SB, Monaghan TM, Sulakhe D	Pharmacology, Neurological Diseases/ ISSN: 2231-2722			
5.	Nanoemulsion-based piperine to enhance bioavailability for the treatment of LPS-induced depression-like behaviour in mice (Research)	Shubha MB, Seema M, Muthukumar SP, SUD Wani, KL Krishna, Seema M, Nabeel K	Neuroscience Letters/ ISSN: 0304-3940	2023; DOI: 10.1016/j.neulet.2023.137441	3.197	International Q2 Scopus and Web of science
6.	Diosmin: A Daboia russelii venom PLA2s inhibitor-purified, and characterized from Oxalis corniculata L medicinal plant (Research) (Intercoll)	Kiran KS, Vivek HK, Kiran KMN, Nagalambika P, Kavitha RV, Karthik NA, Guru KD, Nanjunda S, Krishna KL, Kumar JR	Journal of Ethnopharmacology/ ISSN: 0378-8741	2023, https://doi.org/10.1016/j.jep.2023.11697	4.36	International Q1 Scopus and Web of sciences

	egiate Publicati on)						
7.	Evaluvati on of Anti- amnesic activity of Ayurvedic formulati on Saraswath a Ghrita in the scopolami ne- induced rat model (Researc h)	Haritha PH, Lakshmi TN, Amrita B, G Ariharasi vakumar, Dithu T	Research Journal of Pharmac y and Technolo gy ISSN: 0974- 3618	2023; 10.52711/0974- 360X.2023.00602	0. 87	National Q3	Sc op us
8.	Gut microbio me-based dietary interventi on in Parkinson disease subject: A case report (Case report)	Ayesha S, Shasthara P, HS Sindhu, Meghana KN, Tousif AH, Sonali S, Arunsaiki ran S, Paul D, AM Mahalaks hmi, Saravana BC, Tanya MM, Dinanath S	Internati onal Journal of Nutrition , Pharmac ology, Neurolog ical Diseases/ ISSN: 2231- 0738	2023; DOI: 10.4103/ijnpnd.ijnpnd_8_23	--	Internatio nal	--
9.	Polyphen ols, Autophag y and Neurodeg enerative Diseases: A Review (Review)	Vichitra C, Tousif AH, Nikhilesh A, Pavan HK, Vasavi RG, AM Mahalaks	Biomole cules/ ISSN: 2218- 273X	2023; doi: 10.3390/biom13081196	5. 5	Internatio nal Q1	Sc op us and We b of sci

		hmi, Ruchika KG, Jian Y, Meena KS, SB Chidamba ram					enc e
10	Discovery of Hybrid Thiouraci l- Coumarin Conjugate s as Potential Novel Anti- SARS- CoV-2 Agents Targeting the Virus's Polymera se "RdRp" as a Confirme d Interactin g Biomolec ule (Researc h)	Divakar V, A Shete- Aich, Manjunat h BH, Mahesh PA, SB Chidamba ram, Gajanan S, Basappa B, Pragya DY	ACS OMEGA / ISSN: 2470- 1343	2023; DOI: 10.1021/acsomega.3c02079	4. 13 2	Internatio nal Q2	Sc op us and We b of sci enc es
11	Evaluatio n of Infrared Thermom eter on Human Health – A Review (Review)	HZ Kombo, Seema M, KL Krishna, TF Roohi	Research Journal of Pharmac y and Technolo gy ISSN: 0974- 3618	2023; 16(9): 4479-4484	0. 87	National Q3	Sc op us
12	Evaluatio n of Momordi ca cymbalari a Fenzl	Nagashre e KS, Salini PN, Chaithra SR, Vijay S, Raju K	Internati onal Journal of Pharmac eutical	2023; 13(4): 915-922	0. 5	National	We b of sci enc es

	(MC) In Healing Burn Wounds (Research)		Investigation ISSN: 2230-973X,				
13	Sleep apnoea, gut dysbiosis and cognitive dysfunction (Review)	Tenzin D, Awaise IB, Phurbu D, Tousif AH, Annan GR, Mahendran B, Seithikuruppu RP, Tanya MM, AM Mahalakhmi, Saravana BC	The FEBS Journal ISSN: 1742-4658	2023; https://doi.org/10.1111/febs.16960	5.62	International Q1	Scopus and Web of sciences
14	A review on linking stress, depression, and insulin resistance via low-grade chronic inflammation (Review)	Seema M, Shahid Ud Din Wani, KL Krishna, Nabeel K, TF Roohi	Biochemistry and Biophysics Reports/ ISSN: 2405-5808	2023; https://doi.org/10.1016/j.bbrep.2023.101571	2.7	International Q2	Scopus and Web of science
15	Deciphering the intricate role of mTOR signaling and autophagy in Parkinson's disease and therapeutic	L Narayanan, Dithu T, Sreenivasulu NK, Amrita B, Banerjee AS, Saravana BC, SN Manjula	Journal of Applied Pharmaceutical Science/ ISSN: 2231-3354	2023; 10.7324/JAPS.2023.156692	-	National Q2	Scopus

	prospects (Review)						
16	Antiophidic Plants Used In India: A Brief Overview (Review)	Amrita B, Dithu T, SK.Meheronnisha, Y.Mohammed Tausif	Indian Journal of Natural Sciences/ ISSN: 0976 – 0997	2023: 14(80): 63185-63194	-	National	Web of science
17	Apoptosis antagonizing transcription factor-mediated liver damage and inflammation to cancer: Therapeutic intervention by curcumin in experimental metabolic dysfunction associated steatohepatitis-hepatocellular carcinoma (Research) (Intercolligate Publication)	Akshatha NS, Diwakar S, Saravana BC, Prasanna KS, Divya PK	Journal of Cellular Physiology/ ISSN: 1097-4652	2023; https://doi.org/10.1002/jcp.31151	5.6	International Q2	Web of science
18	Harbingers of Hope: scientists and pursuit of	Seithikurippu RPP, Willem ACM, Andreas	Clinical Psychology in Europe/ ISSN:	2023; https://doi.org/10.23668/psycharchives.13568	1.48	International	Scopus

	world peace (Special Editor)	M, Stevan EH, Velayudhan MK, Corrado B, AM Mahalaks mi, Saravana BC, et al	2625-3410				
19	Evaluation of Antidepressant Activity of Capsaicin Nanoemulsion in Nicotine Withdrawal-Induced Depression in Mice (Research) (Intercoll egiate Publication)	Naveen Kumar K, Tamsheel FR, Muthukumar Serva P, Nabeel K, Shahid Ud Din W, KL Krishna, Faiyaz S, Seema M	Brain Sciences/ ISSN: 2076-3425	2023; https://doi.org/10.3390/brainsci13121668	3.3	International Q3	Scopus and Web of science
20	Biomarkers and signaling pathways of diabetic nephropathy and peripheral neuropathy: possible therapeutic intervention of rutin and quercetin (Review)	Tamsheel FR, Seema M, Sadaf A, KL Krishna, Suman P, Seikh MS, Syed F	Diabetology International/ ISSN: 2190-1678	2023; https://doi.org/10.1007/s13340-023-00680-8	2.2	International Q3	Scopus and Web of science

21	Beyond Glucose: The Dual Assault of Oxidative and ER Stress in Diabetic Disorders (Review)	Tamsheel FR, Syed F Zahoor AP, MD. Awaise IB, Seema M, Nabeel K, KL Krishna	High Blood Pressure & Cardiovascular Prevention/ISSN: 1120-9879	2023; https://doi.org/10.1007/s40292-023-00611-3	3	International Q2	Scopus and Web of Sciences
22	Israel–Palestine conflict: risk of sleep disorders and post-traumatic stress disorders (Editorial)	Seithikurippu RPP, Kamalesh KG, Hruda Nanda M, Deepak S, AM Mahalaxmi, Saravana BC, et al	Springer Link/ISSN: 2510-2265	2023; https://doi.org/10.1007/s41782-023-00252-5	--	International	Scopus
23	RNA-Seq of untreated wastewater to assess COVID-19 and emerging and endemic viruses for public health surveillance (Review) (Intercolligate Publication)	Stephen RS, Adam MB, Amit N, Aliabbas H, Rupam N, Hemanshi D, CP McClure, Alexander WT, Aditi N, Ekta M, Vikky S, Sandeep KS, Colin H, Andrew CS, Rachel LG, Edward A,	Lancet/ISSN: 0140-6736	2023; https://doi.org/10.1016/j.lansea.2023.100205	168.9	International Q1	Scopus and Web of science

		Saravana BC et al					
24	In-vitro evaluation of Indigofera heterantha extracts for antibacterial, antifungal and anthelmintic activities (Research) (Intercolligate Publication)	Showkat AB, Mohammed IZ, Shahid Ud DW, Ishfaq M, Mubashir HM, Faiyaz S, M Ali, Seema M	Journal of Pharmaceutical Health Care and Sciences/ ISSN: 2055-0294	2024; 10(7): https://doi.org/10.1186/s40780-024-00328-y	2.5	International Q2	Scopus and Web of sciences
25	Updated Intrinsic Role of Phytochemicals against Glyphosate-induced Neurotoxicity: Systematic Review (Review) (Intercolligate Publication)	R Fan, Hemanth VPR, SN Manjula, Yerramsetty NLD, Junqi L, Mikhail YS, Namitha B, Narashima MB, Shaik MS, Yufei Z	Current Medicinal Chemistry/ ISSN: 0929-8673	2024; 10.2174/0109298673257171231115114543.	4.1	International Q1	Scopus and Web of Science
26	Beyond drug discovery : Exploring the physiological and methodological dimension	Roohi TF, Alina A, Farooq S, K L Krishna, Seema M, Nabeel K, Syed F,	Experimental Physiology/ ISSN: 0958-0670	2024; 10.1113/EP091587	2.969	International Q2	Scopus and Web of Science

	ns of zebrafish in diabetes research (Review) (Intercoll egiate Publicati on)						
27	A novel Zebrafish model of Alzheimers disease by Aluminium chloride involving nitro-oxidative stress neuroinflammation and cholinergic pathway (Research) (Intercoll egiate Publicati on)	APR Nadiga, KL Krishna, Suman	Europea n Journal of Pharmac ology/ ISSN: 1879-0712	2024; 10.1016/j.ejphar.2024.176332.	5.0	Internatio nal Q1	We b of Sci enc e
28	Waking Up the Sleep Field: An Overview on the Implicatio ns of Genetics and Bioinformatics of Sleep (Review) (Intercoll egiate	Seithikuri ppu RPP, Konda MS, Sayan P, Ganesh PN, Babu SC	Molecula r Biotechn ology/IS SN: 1073-6085	2024; 10.1007/s12033-023-01009-1	2.86	Internatio nal Q2	Sc op us and We b of Sci enc e

	Publicati on)						
29	Role of the Gut Bacteria-Derived Metabolite Phenylacetate in Health and Diseases (Review) (Intercoll egiate Publicati on)	Naveen KK, M Kalyan, Tousif AH, Nikhilesh A, Pavan HK, Gurudutt P, Sowmya VY, Jian Y, Babu SC, Meena KS, AM Mahalaks hmi	ACS Omega/ ISSN: 2470-1343	2024; https://doi.org/10.1021/acsomega.3c08184	4.1	International Q2	Scop us an d We b of Sci enc e
30	Revitalizing Senior Smiles: Investigating Oral Probiotics for Enhanced Health (Researc h) (Intercoll egiate Publicati on)	Ashwitha AS, Anurag R, Nagashree KS, Ritik K, Anukriti K, Sumana K, SV Dharrshne	Journal of Population Therapeutics & Clinical Pharmacology/ IS SN: 2561-8741	2024; 30: 1198-1213	0.35	Internatio nal Q3	Scop us
31	Apoptosis antagonizing transcription factor-mediated liver damage and inflammation to cancer: Therapeutic interventi	Akshatha NS, Diwakar S, Babu SC, Prasanna KS, Divya PK	Journal of Cellular Physiology/ ISSN: 1097-4652	2024; https://doi.org/10.1002/jcp.31151	6.513	Internatio nal Q1	Scop us an d We b of Sci enc e

	on by curcumin in experimental metabolic dysfunction associated steatohepatitis-hepatocellular carcinoma (Research) (Intercolligate Publication)						
32	Protective effect of mentha piperita linn against lipo polysaccharide induced sickness behavior in mice (Research) (Intercolligate Publication)	Lakshmi M H, Raghu J D, Deepika H C, Chandana G, Seema Mehdi and Babitha S	Indian Journal of Natural Sciences	2024, ISSN: 0976 – 0997	-	National	Web of science
33	Trimethyl amine-N-oxide and cerebral stroke risk: A review (Review) (Intercolligate)	Phurbu Dolkar, Tenzin Deyang, Nikhilesh Anand, Annan Gopinath Rathipriya, Tousif	Neurobiology of Disease	2024: ISSN: 0969-9961	7.046	International Q1	Scopus and Web of Science

	Publicati on)	Ahmed Hediyal, Vichitra Chandras ekaran, Naveen Kumar Krishnam oorthy, Vasavi Rakesh Gorantla, Muhamm ed Bishir, Luay Rashan, Sulie L Chang, Meena Kishore Sakharkar , Jian Yang, Saravana Babu Chidamba ram					
34	Ameliorat ive Effects of Methanoli c extract of Erythrina variegata in Scopolam ine- Induced Amnesic in Adult Zebrafish (Daniorer io) Model (Researc h) (Intercoll	Saleem Ahmed, Makkapat i Manasa, Abhishek. P.R. Nadig, Suman, K. L. Krishna.	Egyptian Journal of Aquatic Biology & Fisheries /ISSN: 1110- 6131	Dec 2023	--	Internatio nal Q3	Sc op us

	egiate Publicati on)						
35	Hepatopr otective effect of Swertiam arin from Cytarabin e Induced Hepatoto xicity in Pregnant rats (Researc h) (Intercoll egiate Publicati on)	Rajini Kolure, Nachamm ai V,S N Manjula, Ramredd y Godela,D Sherisha Bhavani, Y Rajendra	Research Journal of Pharmac y and Technolo gy/ISSN: 0974- 3618	Dec 2023		Internatio nal Q2	Sc op us
36	An insight into the cytotoxic, antimicro bial, antioxida nt, and biocontrol perspectiv e of novel Iron (III) complexes of substitute d benzimid azoles: Inhibition kinetics and molecular simulatio ns (Researc h) (Intercoll egiate	B. Roopashr ee, B. Mahesh, Ramith Ramu, N. D. Rekha, S. N. Manjula, G. Preethi & V. Gayathri	Journal of Biomole cular Structure and Dynamic s/ISSN: 1538- 0254	Dec 2023	4. 4	Internatio nal Q2	Sc op us, We b of sci enc e

	Publicati on)						
37	Deciphering the intricate role of mTOR signaling and autophagy in Parkinson's disease and therapeutic prospects (Review)	Narayana n L, Thekkekk ara D, Kondaveeti SN, Babu A, Sailen BA, Chidambaram SB, Manjula SN	Journal of Applied Pharmaceutical Science/ISSN: 2231-3354	2024; http://dx.doi.org/10.7324/JAPS.2023.156692	NA	National	Scopus
38	Protective effects of fecal microbiota transplantation against ischemic stroke and other neurological disorders: an update (Review) (Intercolligate Publication)	Hediyal TA, Kumar P, Qoronfleh MW, Yang J, Song BJ, Monaghan TM, Sakharkar MK, Chidambaram SB	Frontiers in Immunology/ISSN: 1664-3224	2024; https://doi.org/10.3389/fimmu.2024.1324018	7.3	International Q1	Scopus and Web of Science
39	Telmisartan Protects Mitochondrial Function, Gait, and Neuronal Apoptosis by Activating the Akt/GSK	Ray B, Tuladhar S, Nagaraju PG, Shivalinga A, Mahalaxmi AM, Priyadarsini P, Song BJ,	Journal of Integrative Neuroscience/ISSN: 1757-448X	2024; https:// DOI: 10.31083/j.jin2302029	1.8	International Q3	Scopus and Web of Science

	3Be/PGC 1al Pathway in an MPTPInd uced Mouse Model of Parkinson 's Disease (Research h) (Intercoll egiate Publicati on)	Chidamba ram SB.					
40	Artificial intelligen ce in the treatment of cancer: Changing patterns, constraint s, and prospects (Review) (Intercoll egiate Publicati on)	Ali M, Wani SU, Dey T, Mehdi S.	Health and Technolo gy/ ISSN: 2190- 7196	2024; https:// 10.1007/s12553-024-00825-y	2. 5	Internatio nal Q2	Sc op us an d We b of Sci enc e
41	Dietary Co- suppleme nts attenuate the chronic unpredict able mild stress- induced depressio n in mice (Research h report) (Intercoll egiate Publicati on)	Sirasangi MI, Roohi TF, Krishna KL, Kinatting al N, Wani SU, Mehdi S.	Behavio ural Brain Research / ISSN: 1872- 7549	2024; https://doi.org/10.1016/j.bbr.2023.114788	2. 7	Internatio nal Q2	Sc op us an d We b of Sci enc e

42	Design, Development and Validation of a Digital Performance Based Appraisal System: A Planned Approach in Change Management (Research) (Intercoll egiate Publicati on)	Chandras hekhar Gangayya Betsurmat h, Hadal Kumaras wamy Mamatha, Saravana Babu Chidamba ram, Vishwana th Prashant	Indian Journal of Science and Technolo gy/ISSN : 0974-5645	2024; https:// 10.17485/IJST/v17i6.2711	0.16		We b of sci enc e
43	Global, regional, and national burden of disorders affecting the nervous system, 1990–2021: a systemati c analysis for the Global Burden of Disease Study 2021 (Res earch) (Intercoll egiate Publicati on)	Dr Jaimie Steinmetz , Chiara Servili, Emma Nichols, Ewerton Cousin, Hailey Hagins, Dr. Saravana Babu Chidamba ram, Katrin Maria Seeher, Madeline E Moberg, Max L Mehlman, Nicoline Schiess, Vanessa Cavallera.	The lancet Neurolog y/ISSN: 1474-4422	2024; https://doi.org/10.1016/S1474-4422(24)00038-3	48	Internatio nal Q1	Sc op us an d We b of Sci enc e

44	Protective effect of Enicostemma axillare - Swertiamarin on oxidative stress against nicotine-induced liver damage in SD rats (Research) (Intercolligate Publication)	Rajini Kolurea, Nachammai Vinaitheerthan, Sneha Thakur, Ramreddy Godela, Sherisha Bhavani Doli, Manjula Santhepete Nanjundiah,	Annales Pharmaceutiques Francaises/ ISSN: 0003-4509	2024; https://doi.org/10.1016/j.pharma.2024.03.009	1.3	International Q3	Scopus and Web of Science
45	An Update on the Potential of Tangeretin in the Management of Neuroinflammation-Mediated Neurodegenerative Disorders (Review) (Intercolligate Publication)	Irshad Wani, Sushruta Koppula, Aayushi Balda, Dithu Thekkekkara, Ankush Jamadagni, Prathamesh Walse, Santhepete Nanjundiah, Manjula, Spandana Rajendra Kopalli	Life (Basel)/ ISSN: 2075-1729	2024; 10.3390/life14040504	3.2	International Q1	Scopus and Web of Science
46	Therapeutic potential of Simvastatin and	Sreenivasulu Naidu Kondaveeti, Ekshita Sai Thummur	Journal of Applied Pharmac	2024; 10.7324/JAPS.2024.167710		National Q2	Scopus

	Doxycycline combination for Alzheimer's disease (Research)	u, Dithu Thekkekkara, T. Lakshmi Narayanan, Y. Mohammed Tausif, Manasa Renu Srivalli Ch, Amrita Babu	etical sciences/ ISSN: 2231-3354				
47	Noni enhances the anticancer activity of cyclophosphamide and suppresses myelotoxicity and hepatotoxicity in tumor bearing mice (Research article) (Intercolligate Publication)	Ali M, Manjula SN, Mohiuddin I, Mruthunjaya K, Shakeel F, Mir SA, Wani SU	Journal of Cancer Research and Clinical Oncology/ ISSN: 0171-5216	2024; https://doi.org/10.1007/s00432-024-05734-1	3.6	International Q1	Scopus and Web of Science
48	Recent advances on Nigella sativa – A promising herb: Antihypertensive properties, thimoquinone	Raghavendra VB, Sagar N, Kusha LM, Krishna KL, Sharma M, Sridhar K, Puttasiddiah R	Pharmacological Research -Natural Products/ ISSN: 2950-1997	2024; https://doi.org/10.1016/j.prenap.2024.100052	Nil	International	Scopus

	nanoformulations, and health applications (Review article) (Intercolligate Publication)						
49	Effect of cyclodextrin-complexed lyophilized nanosuspension of Nigella sativa seeds oleoresin on chronic unpredictable mild stress (CUMS) – induced depression in mice (Research article) (Intercolligate Publication)	Nag K, Solanki D, Peddham MS, Mehdi S, Logesh R, Roohi TF, Kinattungal N, Shakeel F	Neuroscience Letters/ ISSN: 1872-7972	2024; https://doi.org/10.1016/j.neulet.2024.137844	2.5	International Q3	Scopus and Web of Science
50	Assessment of the impact of social media addiction on psychosocial behaviour like	Jahagirdar V, Sequeira LA, Kinattungal N, Roohi TF, Alshehri S,	BMC psychology/ 2050-7283	2024; https://doi.org/10.1186/s40359-024-01850-2	3.6	International Q1	Scopus and Web of science

	depression, stress, and anxiety in working professionals. (Research article) (Intercolligate Publication)	Shakeel F, Mehdi S					
51	Evaluation of Anticancer, Anti-Inflammatory and Antioxidant Potential of Jasminum sambac Linn. Essential Oil. (Research article) (Intercolligate Publication)	Lakshmi SG, Kamaraj M, Mahajan M, Gnaniah GL, Chellappa sebastin MJ, Pandi-Perumal SR, Chidambaram SB, Nithya TG	International Journal of Nutrition , Pharmacology, Neurological Diseases/ 2231-0738	2024; 10.4103/ijnpnd.ijnpnd_18_24	Ni 1	International Q4	Scopus
52	Benzyl isothiocyanate as an alternative to antibiotics? a comparative in vivo study using Pseudomonas aeruginosa as a	Yang J, Hediyal TA, Chidambaram SB, Kaul-Ghanekar R, Sakharkar MK	Plos one/ 1932-6203	2024; https://doi.org/10.1371/journal.pone.0303490	2. 9	International Q1	Scopus and Web of science

	model. (Research article) (Intercollegiate Publication)						
53	Mitochondrial Aldehyde Dehydrogenase 2 (ALDH2) Protects against Binge Alcohol-Mediated Gut and Brain Injury. (Research article) (Intercollegiate Publication)	Ray B, Rungratanawanich W, LeFort KR, Chidambaram SB, Song BJ	Cells/2073-4409	2024; https://doi.org/10.3390/cells13110927	5.1	International Q1	Scopus and Web of science
54	Anticlastogenic activity of ethanolic extract of Lagenaria siceraria fruit (ELSF) against cyclophosphamide induced genotoxicity in mice. (Research article) (Intercollegiate Publication)	Kolure R, Penumallu NR, Thakur S, De S, Boddu S, Vinaitheerthan N, Godela R, Santhepete Nanjundiah M.	Discover Applied Sciences/3004-9261	2024; https://doi.org/10.1007/s42452-024-06042-6	2.6	International Q2	Scopus
55	Nigella sativa: A	Deepak Solanki,	Indian journal	2024; Nil	Nil	National	Web

	Botanical Marvel for Modern Neurological Disorders and Beyond (Review article)	Seema Mehdi, K L Krishna, Tamsheel Roohi Fatima, Mohini Milmile, Lenisha Sequeira	of natural sciences/ 0976 – 0997				of science
56	Diabetic neuropathy: understanding the nexus of diabetic neuropathy, gut dysbiosis and cognitive impairment. (Review article) (Intercollegiate Publication)	Babu DD, Mehdi S, Krishna KL, Lalitha MS, Someshwara CK, Pathak S, Pesaladine UR, Rajashekarappa RK, Mylaralinga PS.	Journal of Diabetes & Metabolic Disorders/ 2251-6581	2024; https://doi.org/10.1007/s40200-024-01447-x	1.8	International Q2	Scopus and Web of Science
57	Zebrafish as a Potential Model for Regeneration. (Review article)	Salini P, Chaithra S R, Chethan I A, Arjun H R, Nagashree K S.	High technology letters/ 1006-6748	2024; doi.org/10.37896/HTL30.6/10924	2.7	International Q4	Scopus
58	Global Diversity: Plants Utilized in Alternative Cancer Therapies Across Different	Namratha MP, SN Manjula, K Mruthunjaya, Poyodi Kola, KN, Chidamba	High technology letters/1006-6748	2024; doi.org/10.37896/HTL30.5/10750	2.7	International Q4	Scopus

	Regions and their significance (Review article) (Intercolligate Publication)	ra Murthy.					
59	Global perspectives on integrative and complementary treatment approaches in oncology(Review article) (Intercolligate Publication)	Namratha MP, SN Manjula, K Mruthunjaya, KN, Chidambara Murthy.	High technology letters/10 06-6748	2024; doi.org/10.37896/HTL30.5/10743	2.7	International Q4	Scopus
60	Targeted cancer with precision: Unveiling radiopharmaceutical therapy advancement. (Review article)	Y Mohammed Tausif, T Ekshita Sai, Dr. Dithu Thekkekkara, Linga Gowtham , Manali Somanna, Reddi Sree R, Manasa Renu Srivalli Chattu, Amritha Babu, Krishnalekha	High technology letters/10 06-6748	2024; doi.org/10.37896/HTL30.6/10929	2.7	International Q4	Scopus

		Bandyopadhyay.					
Department of Pharmacy Practice							
1.	Barriers and Facilitators in Voluntary Reporting of Medication Errors amongst the Nursing Staff in a Tertiary Care Teaching Hospital (Research)	Ravina R, M Ramesh, Sri Harsha C, Janet M, Praveen K	Journal of Holistic Nursing and Midwifery/ ISSN: 2588-3712	2023;	0.56	International Q3	Scopus
2.	Prevalence of primary headache disorders in a population of semi-urbanized area of South India: A cross-sectional study (Research) (Intercolligate Publication)	Neelima G, Savitha RS, Easwaran V, Samhitha R, Priyanka PT, Lakshmi O, Leena D, Syamala	International Journal of Research in Pharmaceutical Sciences/ ISSN: 0975-7538	2023; 14(2): 74-78	0.119	International	Scopus
3.	A Clinical Pharmacist-led Approach on Reducing Drug	Nivya J, Meghana U, Jesslyn MJ, Shahal S, Harsha S, SC	Exploratory Research in Clinical and Social	2023; https://doi.org/10.1016/j.rcsop.2023.100302	--	International	Scopus

	Related Problems Among Patients with Neurological Disorders : An Interventional Study (Research) (Intercolligate Publication)	Nemichandra, S Paneyala, M Ramesh, C Sri Harsha, Jehath S, Nikita P	Pharmacy/ ISSN: 2667-2766				
4.	Drug Utilization Evaluation of Medications Used in the Management of Neurological Disorders (Research)	Meghana U, Nivya J, Jesslyn MJ, Shahal S , Harsha S , SC Nemichandra, S Paneyala , M Ramesh, Sri Harsha C, Jehath S, Nikita P	Global Health Journal/ ISSN: 2414-6447	2023; https://doi.org/10.1016/j.glohj.2023.07.006	3.64	International Q1	Scopus
5.	Assessment of drug-related problems associated with narrow therapeutic index drugs: A prospective cohort study (Research) (Intercolligate)	Charmi MC, Bhanu KM, Ramesh M, Sri Harsha C, Jehath S, Nikita P	Journal of Patient Safety and Risk Management/ ISSN: 2516-0443	2023; 10.1177/25160435231190192	1.9	International	Web of science

	Publicati on)						
6.	A Case Report on Chlorpromazine Induced Parkinsonism (Case Report)	Sanatkumar BN, Agadi HVS, Patil RH, UR Rakshith	Indian Journal of Natural Sciences/ ISSN: 0976-0997	2023; 14(79): 59408-59410	--	National	Web of science
7.	Assessment of potential drug-drug interactions and their associated risk factor in patients with rheumatoid arthritis - A cross-sectional study (Research)	Sujit KS, S Ramaswamy, M Ramesh	Clinical Epidemiology and Global Health/ ISSN: 2213-3984	2023; doi.org/10.1016/j.cegh.2023.101373	4.3	International Q2	Scopus and web of science
8.	Knowledge, Attitude and Practice of Community Pharmacist Towards Various Medication Adherence Programs (Research)	UR Rakshith, Srikanth MS, Atiqulla Shariff	European Chemical Bulletin/ ISSN: 2063-5346	2023; 12(10): 13161-13171	0.4	International	--
9.	Type 3 C Diabetes Mellitus (Review)	Arjun HR, Praveen H,	International Journal	2023; 13(4): 698-702	0.5	International	Web of Sci

		Mohammed T, Vaishnavi J, Rakshith UR, GS Rakshana a	of Pharmaceutical Investigation/ ISSN: 2230-9713				ence
10	Role of Stem Cells in the Management of Type-I Diabetes Mellitus (Review)	Arjun HR, Praveen H, Y Mohammed Tausi, N. Paramakrishnan, UR Rakshith	Indian Journal of Pharmaceutical Education and Research ISSN: 0019-5464	10.5530/ijper.57.4.116	0.8	International Q3	Scopus and Web of Science
11	Artificial intelligence in the field of pharmacy practice: A literature review (Review)	Sri Harsha C, Jehath S, M Ramesh, Vikram P, TM Pramod Kumar	Exploratory Research in Clinical and Social Pharmacy ISSN: 2667-2766	https://doi.org/10.1016/j.rcsop.2023.100346	-	International	-
12	Hospital-based cohort study on drug-related problems associated with high-risk medications amongst special populations (Confere	M Ramesh, A Karamme l, Marcia J, Taniya J, Paul V, Sri Harsha C, Subhash Chandra BJ, Jehath S	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science

	nce Proceeding)						
13	Artificial intelligence in the field of pharmacy practice: A literature review (Review)	Sri Harsha C, Jehath S, M Ramesh, Vikram P, TM Pramod Kumar	Exploratory Research in Clinical and Social Pharmacy ISSN: 2667-2766	https://doi.org/10.1016/j.rcsop.2023.100346	-	International	-
14	Medication Adherence: Gaining Insights on Patient-Reported Facilitators and Barriers (Research)	Mohith KA, EE Chinemerem, Patricia MR, Fasil Majeed P.V, M Ramesh, Sri Harsha C, Jehath S	Research Square ISSN: 2693-5015	https://doi.org/10.21203/rs.3.rs-3438705/v1	-	International	-
15	Hemovigilance-Recipient and Donor Reaction Reporting : An Active Surveillance (Research)	Amruta AP, Pallavi P, M Ramesh, Sri Harsha C, Jehath S	Research Square ISSN: 2693-5015	https://doi.org/10.21203/rs.3.rs-3436483/v1	-	International	-
16	Hospital-based cohort study on drug-related problems associated	M Ramesh, A Karammel, Marcia J, Taniya J, Paul V, Sri	Pharmacoepidemiology and Drug Safety	10.1002/pds.5687	2.6	International Q2	Scopus and Web of

	with high-risk medications amongst special populations (Conference Proceedings)	Harsha C, Subhash Chandra BJ, Jehath S	ISSN: 1099-1557				Science
17	Assessment of narrow therapeutic index drugs and associated drug related problems: A prospective cohort study (Conference Proceedings)	M Ramesh, Sri Harsha C, Charmi C, Bhanukumar M, Jehath S	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science
18	Assessment of high-risk medications utilization and prescribing patterns among special populations using WHO prescribing indicators (Conference Proceedings)	M Ramesh, A Karamme I, Marcia J, Taniya J, Paul V, Sri Harsha C, Subhash Chandra BJ, Jehath S	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science

19	Drug utilization evaluation of narrow therapeutic index drugs in a tertiary care teaching hospital (Conference Proceeding)	M Ramesh, Sri Harsha C, Charmi C, Bhanukumar M, Jehath S	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	2023; 10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science
20	Empowering the elderly patients: A study on impact of virtual patient education on medication adherence (Conference Proceeding)	M Ramesh, Prathibha P, Sri Harsha C, Jehath S	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	2023; 10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science
21	Medication safety stewardship in antibiotic usage in critical care units (Conference Proceeding)	Priya JA, Sri Harsha C, M Ramesh, Subhash Chandra BJ	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science
22	A qualitative approach in assessing	Ravina R, M Ramesh, Vikram P, Sri Harsha C	Pharmacoepidemiology and Drug Safety	10.1002/pds.5687	2.6	International Q2	Scopus and Web

	the contributing factors towards the medication error-prone behavior amongst the healthcare professionals (Conference Proceeding)		ISSN: 1099-1557				b of Science
23	Initiation and implementation of a medication error reporting and monitoring program: A developing country scenario (Conference Proceeding)	Ravina R, Sri Harsha C, Madhan R, Vikram P	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science
24	A novice stratagem in the quantification of the contributing factors associated to medication errors (Conference Proceeding)	Priya JA, M Ramesh; Sri Harsha C; Subhash Chandra BJ	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science

	Proceeding)						
25	Classifying chemotherapy chaos: Navigating blood & lymphatic side effects (Conference Proceeding)	Jehath S, M Ramesh, Sri Harsha C	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science
26	Uncovering the skin reactions: Retrospectively analyzing the adverse drug reactions related to skin & subcutaneous tissues disorders (Conference Proceeding)	Jehath S, M Ramesh, Sri Harsha C	Pharmacoepidemiology and Drug Safety ISSN: 1099-1557	10.1002/pds.5687	2.6	International Q2	Scopus and Web of Science
27	Impact of Artificial Intelligence assisted Drug Therapy Optimization on Drug related problems Amongst Elderly	Jehath S, Christy T, Bavneet K, Krishna U, Sri Harsha C, Ramesh M, Pramod Kumar TM, Vikram P, Prathibha	Protocol Exchange ISSN: 1750-2799	https://doi.org/10.21203/rs.3.pex-2415/v1	-	International	-

	Patients: A Systematic Review (Review)	P, Tejaswini CJ, Shilpa A, K Ramesh.					
28	Dose 4 You: Dose Division Calculator—A Tool to Reduce Calculation Errors (Review)	Jehath S, M Ramesh, TM Pramod Kumar, Vikram P, Sri Harsha C	Hospital Pharmacy ISSN: 0018-5787	https://doi.org/10.1177/00185787231207757	1.4	International Q3	Scopus and Web of science
29	Essential Pharmaceutical Care Services for Optimizing Medication Management Amongst Hospitalized Elderly Patients: A Systematic Review (Review) (Method artical)	Jehath S, Bavneet K, M Ramesh, Prathiba P, Sri Harsha C	Protocol Exchange ISSN: 1750-2799	2023; https://doi.org/10.21203/rs.3.pex-2433/v1	-	International	-
30	Study of Epicardial adipose tissue thickness in patients with Diabetes Mellitus and its correlation with severity	Sunil Kumar S, BS Meghana, M Suresh Babu, Nagaraj D, Oliver JG, Sri Harsha C, Nikita P	Indian Heart Journal/ ISSN: 2213-3763	2023; 75(1): S45	1.5	International	Web of sciences

	of Coronary artery disease (Conference proceedings)						
31	Assessment of Medication Safety Incidents Associated with High-alert Medication Use in Intensive Care Setting: A Clinical Pharmacist Approach (Research) (Intergate Publication)	Priya JA , Ravina R, Ballaeker e J, Subhash C, M Ramesh, Sri Harsha C	Indian Journal of Critical Care Medicine / ISSN: 1998-359X	2023; 27(12): 917-922	0.34	National	Web of sciences
32	Patient-reported involvement in shared decision-making during medical consultations: a systematic literature review (Review) (Intergate Publication)	Pavan KN, Manisha S, M Ramesh, Sameer D	Journal of Public Health/ ISSN: 2198-1833	2023; doi.org/10.1007/s10389-023-02153-3	1.8	International	Web of sciences

33	Analysis of mortality, morbidity and provision of pharmaceutical care services intensive care admitted patients an overview (Review)	Neelima G, Savitha RS, B J Subash C, Vigneshwaran E	Journal of Young Pharmacist/ ISSN: 0975-1505	2023; 15(4): 616-621	--	National	Web of sciences
34	Barriers and Facilitators of Voluntary Medication Errors Reporting According to the Nursing Staff in India (Research)	Ravina R, M Ramesh, Sri Harsha C, Janet M, Praveen K	Journal of Holistic nursing and midwifery/ ISSN: 2588-3712	2023; 34: 71-81	0.5	National	--
35	Development of the Elden Care application: Empowering physicians and clinical pharmacists towards enhancing elderly care (Review) (Intercolligate)	JM Syed, M Dayananda, Ajay S, Vikram P, Pratibha P, Sri Harsha C, M Ramesh, Kewal D, Nipun BT, Thandu D, Thirthala LP	Research In Social & Administrative Pharmacy/ ISSN: 1934-8150	2024; https://doi.org/10.1016/j.sapharm.2024.01.010	4.05	International Q1	Scopus and Web of Science

	Publicati on)						
36	Barriers and Facilitators of Voluntary Medication Errors Reporting According to the Nursing Staff in India (Research)	Ravi R, Ramesh M, Chalasani SH, Mathias J, Kulkarni P.	Journal of Holistic Nursing and Midwifery/ ISSN: 2588-3720	2024; http://dx.doi.org/10.32598/jhnm.34.1.2580		International Q2	Scopus
37	Correlating serum ferritin with microalbuminuria for early detection of diabetic nephropathy: A comparative analysis between adult and older adults (Research) (Intercolligate Publication)	Tejeswini CJ, Syed J, Sumukh GN, Sowrabha R, Pereira P, Chalasani SH.	Clinical Epidemiology and Global Health/ ISSN: 2213-3984	2024; https://doi.org/10.1016/j.cegh.2024.101551	2.6	International Q2	Scopus and Web of Science
Department of Pharmacognosy							
1.	Unripe fruits of Litchi chinensis (Gaertn.) Sonn: An overview	R Logesh, Niranjana D, Gobi S, Dariusz P, Arijit M	Annales Pharmaceutiques Françaises/ ISSN:	2023; https://doi.org/10.1016/j.pharma.2023.07.004	1.3	International Q3	Scopus and Web

	of its toxicity (Review)		0003-4509				of science
2.	The medicinal perspective of rasam: A traditional functional food in Southern India (Review)	Sai Eswar, Rajaguru A, Mohamed STAA	Current Nutrition & Food Science/ ISSN: 1573-4013	2023; https://doi.org/10.2174/1573401319666230809154949	0.9	International Q3	Scopus and Web of science
3.	Comparative Evaluation of Microhardness and Color Change of Root dentin using Punica granatum (pomegranate extract), Sodium hypochlorite, Chlorhexidine and Normal saline as an Endodontic irrigant – An in vitro study (Research) (Intercollegiate Publication)	Ankita S, Sunil T, K Mruthunjaya, Suneeth S, Ambikath anaya UK, Sachin BM	Pharmacognosy Journal/ ISSN: 0975-3575	2023; 10.5530/pj.2023.15	--	National	Scopus

4.	Antimicrobial Activity of Simarouba glauca Leaf Extracts Against Oral Pathogens - An In Vitro Study (Research) (Intercolligate Publication)	Sushma R, Jai Shankar PH, Mruthunjaya K, Nagabhusana D, Brinda SG, Sowmya S	Journal of Orofacial Sciences/ ISSN: 0975-8844	2023; 10.4103/jofs.jofs_147_22	0.45	International Q3	Scopus
5.	The structural and functional dynamics of vitamin D and its receptor with their associated genes targeting diseases (Review)	Hari B, R Logesh	Obesity Medicine / ISSN: 2451-8476	2023; doi.org/10.1016/j.obmed.2023.100508	--	International Q2	Scopus
6.	Recent Antidiabetic Potentials of Selected Cucurbitaceae Family Plant Species (Book Chapter)	S Vivekandarajah, R Logesh, V Shanmugalingam, P Rajamohan	BIYOMI TS Publisher	2023	--	International	--
7.	Astaxanthin: A Marine Drug That	N Paramakrishnan, KG Lim,	Marine drugs/ ISSN:	2023; doi.org/ 10.3390/md21080433	6.085	International Q1	Scopus

	Ameliorates Cerebrovascular-Damage-Associated Alzheimer's Disease in a Zebrafish Model via the Inhibition of Matrix Metalloproteinase-13 (Research)	Y Paramaswaran, N Ali, M Waseem, Gamal AS, Yousef ABJ, Arunachalam M	1660-3397				Journal of World Science
8.	Natural tyrosinase enzyme inhibitors: A path from melanin to melanoma and its reported pharmacological activities (Review)	R Logesh, Sagar RP, Sandhya C, Nirmal R, Suresh KM	Biochimica et Biophysica Acta - Reviews on Cancer/ ISSN: 0304-419X	2023; https://doi.org/10.1016/j.bbcan.2023.188968	11.2	International Q1	Scopus and Journal of World Science
9.	Quality by Design in Pharmaceuticals: A Review of its Impact on Regulatory Compliance and Product Quality (Review) (Intercoll)	Raja SN, Madhu TS, Anubha J, Marjita C, Rajaguru A, Mohamed Sheik Tharik AA	Drug Research (Stuttgart)/ ISSN: 2194-9387	2023; 10.1055/a-2185-4916	2.2	International Q4	Scopus and Journal of World Science

	egi Publicati on)						
10	Encapsulated phenolic compounds: clinical efficacy of a novel delivery method (Review) (Intercoll egiate Publicati on)	Ozkan G, Ceyhan T, Çatalkaya G, Rajan L, Ullah H, Daglia M, Capanoglu E.	Phytochemistry Reviews/ ISSN: 1572-980X	2024; https://doi.org/10.1007/s11101-023-09909-5	7.7	International Q1	Scopus and Web of Science
11	Grapefruit (Citrus paradisi Mcfad.) and its phytochemical inhibits pancreatic lipase enzyme and modulates the saturated fat-induced obesity model (Research) (Intercoll egiate Publicati on)	Logesh R, Palaniswamy DS, Mohankumar SK.	South African Journal of Botany/ ISSN: 1727-9321	2024; https://doi.org/10.1016/j.sajb.2024.01.027	3.1	International Q2	Scopus and Web of Science
12	Molecular effects of Vitamin-D and PUFAs metabolism in skeletal	Logesh R, Hari B, Chidambaram K, Das N.	Gene/ IS SN: 1879-0038	2024; https://doi.org/10.1016/j.gene.2024.148216	3.5	International Q2	Scopus and Web

	muscle combatin g Type-II diabetes mellitus. (Review) (Intercoll egiate Publicati on)						of Sci enc e
13	Breast cancer derived exosomes : Theragno stic perspectiv es and implicatio ns (Review)	Kumar RM, Rajan L, Joghee S.	Clinica Chimica Acta/ ISS N: 1873- 3492	2024; https://doi.org/10.1016/j.cca.2024.117875	5. 0	Internatio nal Q1	Sc op us an d We b of Sci enc e
14	Impact of exosomes in oral lichen planus: A review with insights into pathogene sis and biomarker s (Review) (Intercoll egiate Publicati on)	Kumar RM, Joghee S, Puttaraju M	Journal of Dental Sciences/ ISSN: 2213- 8862	2024; https://doi.org/10.1016/j.jds.2024.05.017	3. 5	Internatio nal Q1	Sc op us an d We b of Sci enc e

PUBLICATIONS:

Research findings were published in various national and international reputed journals, and also presented in various national and international conferences. Staff and students (PG and research scholars) of JSSCPO, conduct and attend research-leading conferences every academic year.

List of Publications 2023-2024

1. Chatterjee S, Corrie L, Hanmantrao M, Vishwas S, Kumar R, Al-Otaibi F, Ansari M, Porwal O, Khursheed R, Harish V, Gupta G, Kumar B, Singh P, Gowthamarajan K, De A, Sudhakar S, Umashankar MS, Gulati M, Singh S. Quality by design-oriented formulation optimization and characterization of guar gum-pectin based oral colon targeted liquisolid formulation of xanthohumol. *Journal of Drug Delivery Science and Technology*. 2023, 82, 104350. (IF: 5.0) (Scopus) (WOS)
2. Nizam I, Aasaithambi K, Srinivasan A, Chidambaram SB, Krishnamurthy PT, Madhunapantula SRV, Thimmulappa R, Kuppusamy G. Nanotheranostics In Cardiovascular Diseases: A Novel Tool. *International Journal of Applied Pharmaceutics*. 2023, 15(4), 37–42. (Scopus)
3. Swathi J, Nagasamy Venkatesh D. A Review on the Cosmetics Rule 2020 and ISO 22716. *Biomedical Journal of Scientific & Technical Research*. 2023, 53(5), 45208-45217. (non-indexed)
4. Venkatesh DN, Muthupranesh K. A Review of the Impact of Cybersecurity in High-Risk Medical Devices and In-Vitro Medical Devices all Over the World. *Biomedical and Pharmacology Journal*. 2023, 16(3), 1263-1270. (Scopus)
5. Mahaboob S, Ganesh GNK, Arun KP, Rajendran SD. Various Factors Influencing the Enantiomers of Warfarin Pharmacokinetics: A Systematic Review of Population Pharmacokinetics. *Journal of Pharmacology and Pharmacotherapeutics*. 2023.
0976500X231211401. (non-indexed)
6. Chinmayi CS, Pratheeksha S, Lavanya M, Madhukiran P, Kalaivanan R, Veera Venkata Satyanarayana Reddy K. An Overview and Comparison of Regulatory Pathways and Guidelines for Pediatric Study Plans in the US and EU. *Journal of Medicinal and Chemical Sciences*. 2023, 6(12), 3057-3071. (Scopus)
7. Pamu D, Ayyamperumal S, Manne M, Tallapaneni V, Moola CJN, Karri VVSNR. Preliminary hypothetical assessment and in silico molecular docking of statin to VEGFR2 and VEGFR3 protein complex associated with angiogenesis and lymphangiogenesis in diabetic wounds. *Journal of Applied Pharmaceutical Science*. 2023, 13(Suppl 1), 009–020. (Scopus).
8. Kalirajan R. Applications of artificial intelligence in drug design, discovery and development, *Journal of Applied Pharmaceutical Sciences*. 2023, 13(1), 1-2. (Scopus)
9. Nagarjuna P, Kalirajan R, Gowramma B, Kannan R, Edwin J, Manikandan Gurunathan. Computational design for the development of natural molecules as compelling inhibitors against the

target SARS-CoV-2: An in-silico attempt. *Journal of Applied Pharmaceutical Sciences*. 2023, 13(1), 034-040. (Scopus).

10. Patnaik S, Akey KS, Mudavath R, Selvaraj J, Moola Joghee Nanjan C. Repurposing of FDA approved drugs and neuropeptides as anticancer agents against ErbB1 and ErbB2. *Journal of Drug Research*. 2023, 73 (6), 341-348. (IF: 2.2) (Scopus) (WOS)

11. Akey KS, Krishnan Namboori PK, Esakkimuthukumar M, Praveen TK, Palathoti N, Sunil Kumar P, Jubie S. Leveraging decagonal in-silico strategies for uncovering IL-6 inhibitors with precision. *Computers in biology and Medicines*. 2023, 163, 107231. (IF: 7.7) (Scopus) (WOS)

12. Esakkimuthukumar M, Akey KS, Preeya N, Saranya R, Dhinesh K, Jubie S. Identification of effective natural compounds as HIF-1Alpha mimetics for diabetic wound healing; A systematic in-silico study. *Journal of Applied Pharmaceutical Sciences*. 2023, 13(Suppl 1) 041-050. (Scopus)

13. Saranya D, Preeya N, Esakkimuthukumar M, Akey KS, Jubie S. Identification of suitable flavonoids as insulin degrading enzyme inhibitors through in-silico approach. *Journal of Applied Pharmaceutical Sciences*. 2023, 13(Suppl 1), 051-064. (Scopus)

14. Ayushi kar, Balamurugan P, Darshini J, Akey Krishna S, Jubie S. Drug repurposing for thioredoxin interacting protein through molecular networking pharmacophore modeling and molecular docking approaches. *Letters in drug design and discovery*. 2023, 15(3), 228–240 (IF: 1.0) (Scopus) (WOS)

15. Praveen Kumar P, Preeya N, Sowmiya A, Kaviarasan L, Gowramma B, Kalirajan R, Gomath S. Anticancer Activity of Novel 1, 3, 4-oxadiazole Derivatives against PARP-1 Inhibitors: A In-silico Approach. *Current Bioactive Compounds*. 2023, e250823220345. (Scopus)

16. Gomathy S, Srikanth J, Jagdish C, Mohammed ZB, Aryan J. Network pharmacology approach and molecular docking prediction to investigate the possible mechanism of benzylidene derivatives against scavenging reactive oxygen species via Sirtuin 3 in Parkinson's disease. *Biointerface research in Applied Chemistry*. 2023. DOI 10.33263/BRAIC.2023.1312937. (Scopus)

17. Mohammad ZB, Gomathy S, Jagdish C, Umair W, Potlapati V, Koppula J, Mohammed A Talha BE, Firzan N. Investigation of *Scutellaria baicalensis* for potential neuroprotective effect for the treatment of Parkinson's disease. *Biointerface research in Applied Chemistry* 2023. DOI: 10.33263/BRAIC.2023.1312581. (Scopus)

18. Sudipto K, Swathi N, Durai Ananda Kumar T. Discovery of pharmacological agents for triple negative breast cancer (TNBC): molecular docking and molecular dynamic simulation study on 5-lipoxygenase (5-LOX) and nuclear factor kappa B (NF- κ B). *Journal of Biomolecular Structure and Dynamics*. 2023. DOI:10.1080/07391102.2023.2250449. (IF: 4.4) (Scopus) (WOS).

19. Tamatam Sunilkumar R, Veera Venkata SRK, Kunal P, Kalakotla S, Srikanth J. The Impact of Bacterial Biofilm on Chronic Wound Healing. *Romanian Journal of Diabetes. Nutrition and Metabolic Diseases*. 2023, 30 (4), 636-646. (Scopus).
20. Sunil Kumar P, Selvaraj A, Dhananjay J, Nagarjuna P, Krishna Swaroop A, Srikanth J, Michael AH, Sreenivasan P, Nanjan MJ, Chandrasekar MJN. Virtual high throughput screening of natural peptides against ErbB1 and ErbB2 to identify potential inhibitors for cancer chemotherapy, *Journal of Biomolecular Structure and Dynamics*. 2023 DOI: 10.1080/07391102.2023.2226744. (IF: 4.4) (Scopus) (WOS)
21. Jatoth R, Dhanabal SP, Basavan D, Senthil V. Novel “HYDALJSS08” Polyherbal Formulation Development and Ultra-Performance Liquid Chromatographic Separation, Estimation of gallic acid in *Terminalia chebula* dried fruits and A Marketed Siddha-Based Polyherbal Formulation “Kabusura Kudineer”. *Journal of Pharmaceutical Quality Assurance*. 2023, 14(3), 605-611.(Scopus)
22. Jatoth R, Dhanabal SP, Basavan D, Senthil V. Ganesh T, Jubie S, Jeyaprakash M. Novel “HYDALJSS08” Polyherbal Formulation Development and Ultra-Performance Liquid Chromatographic Separation, Estimation of Berberine in *Cissampelos pareira* Roots, *Tinospora cordifolia* Stems, and A Marketed Siddha-Based Polyherbal Formulation “Kabusura Kudineer”. *Research Journal of Pharmacy and Technology*. 2023, 16(11), 5114-5120. (Scopus)
23. Jatoth R, Dhanabal SP, Basavan D, Senthil V. Novel “HYDALJSS08” Polyherbal Formulation Development and Ultra-Performance Liquid Chromatographic Separation, Estimation of Andrographolides in *Andrographis paniculata* whole Plants and a Marketed Siddha-based Polyherbal Formulation “Kabusura Kudineer” *Current Pharmaceutical Analysis*. 2023, 19, 586-596. (IF: 0.6) (Scopus)
24. Ramya G, Arvind T, Krishna Mohana A, Kavidharshini M, Akash C, Laharipriya M, Shanmugam R, Priyanka Dwarampudi L. Formulation & Evaluation of antioxidant Herbal moisturizing cream as an alternative remedy for Skin diseases. *Journal of Chemical Health Risks*. 2023, 13(6), 1-5. (Scopus)
25. Ramya G, Priyanka Dwarampudi L, Vijayanandhan V, Shanmugam R, Laharipriya M, Yamuna K, Gomathi S, Srinivasa Rao N. The Role of a Holistic Zincum metallicum Homeopathic Medicine System in the Treatment of Polycystic Ovarian Syndrome (PCOS) and other Disorders – A Review. *International Journal of Pharma Research*. 2023, 14(1), 7-12. (Scopus)
26. Navanita S, Gokul Nanda G, Ramu G, Dhanabal SP. Evaluation of Nutritional and Antinutritional Components of *Basella rubra* Leaf and Stem Pod in the Management of Phosphate Lithiasis. *Research Journal of Pharmacy and Technology*. 2023, 16(11), 5155-5160. (Scopus)
27. Mudavath R, Praveen TK. A Review of Phytochemicals and Pharmacological activities of the Medicinal plant *Drynaria quercifolia*. *European Chemistry Bulletin*. 2023, 12(8), 5808-5835. (Scopus)

28. Ravi kiran A, Garikapati K, Praveen TK. ChatGPT in Drug Discovery Process. *Advance Pharmaceutical Bulletin*. 2023, 1-2. (Scopus) Doi: 10.34172/apb.2024.007.
29. Mamtha K, Amithabha A, Praveen TK. Antibody conjugated nanoparticles for target specific drug delivery of chemotherapeutics. *Beilstein Journal of Nanotechnology*. 2023, 14, 912-926. (IF: 3.1) (Scopus) (WOS)
30. Piyongsola, Kusumakumari G, Praveen TK, Mamta K. Polysorbate 80 Surface modified SLNs of formoterol suppress SNCA gene and mitochondrial oxidative stress in mice model of Parkinsons disease. *Scientific reports*. 2023, 13(1), 19942. (IF: 4.6) (Scopus) (WOS).
31. Kusumakumari G, Ammu VVVR, Magham V, Praveen TK, Raman R. Toxicity Assessment of Bacillus Clausil spores probiotic suspension in wistar Rats. *Microorganisms*. 2023, 11, 1-12. (IF: 4.5) (Scopus) (WOS)
32. Mudhavath R, Manunathsetty, Praveen TK. Mechanistic insights: Drynaria quercifolia Rhizome chloroform fraction on S—phase cell cycle progression in Breast Cancer. *International Journal of Chemical and Biochemical Sciences*. 2023, 24(6), 8-24. (Scopus)
33. Praveen TK, Merina B, Benny A, Binu TK, Nishnat Kumar G. Safety evaluation of Amaranth Extracts by acute , sub -chronic and Chronic Exposure in rats. *Biomedical & Pharmacology Journal*. 2023, 16 (4), 1973-1987. (Scopus)
34. Sai Varshini M, Aishwarya Reddy R, Praveen TK, Divakar S. Rational design of Dual inhibitors for Alzheimers disease, Insights from computational screening of BACE1 and GSK-3 β . *Current Computer Aided Drug Design*. 2023. DOI: 10.2174/0115734099270256231018072007, (IF: 1.7) (Scopus) (WOS)
35. Ammu VVVR, Garikapati K, Praveen TK, Bhadram KC. Translational challenges in Cancer nanotherapy. *Advanced Pharmaceutical Bulletin*. 2023, 1-2. DOI:10.34172/apb.2024.021.(Scopus)
36. Madhu TS, Praveen TK. PP151 Preclinical Evaluation of NK-1 receptor antagonist and Cox-2 inhibitor against I duc MNU -induced breast cancer in female Wistar Rats. *ESMO open*. 2023, 8 (1). (IF: 7.3) (Scopus) (WOS)
37. Anand Vijayakumar PR. Population Pharmacokinetics of Methotrexate in Rheumatoid Arthritis Patients of South India. *World Journal of Pharmacy and Pharmaceutical Sciences*. 2024; 13(1), 1261-1272. (non-indexed)
38. Insiya G, Pradyuman R, Nurul A, Trishya M, Asish Kumar S, Shekar Sanjayrao D, Anand Vijayakumar PR, Sahana Reddy C, Sarvesh Nikesh R. Current Therapy and Recent Advancements in Lassa Fever: A Review. *KEPES*. 2023, 21(4), 124-129. (Scopus)
39. Asem Veeves S, Ranabir S, Subhaschandra Singh S, Laishram Chittaranjan S Tashi Chhojom K, Anand Vijayakumar PR. Hippocampal Volume and Type 2 Diabetes Mellitus without Comorbid Malady.

Combinatorial Chemistry & High Throughput Screening 2023. (IF: 1.8) (Scopus) (WOS) DOI:10.2174/1386207326666230605140959.

40. Anand Vijayakumar PR, Roopa Satyanarayan B, Sugash M, Shonitha S, Oorvashree Sri H Shanmuga P. Maternal and Neonatal Outcomes after Vaccination with SARS-CoV-2: A Systematic Review and Meta-analysis of Cohort Studies. *Coronaviruses*. 2023, e041223224167 (Scopus)

41. Darshan K, Bhargav B, Vadivelan R, Tharani M. Evaluation of Diabetic wound healing activity by topical Applications of Gallic acid loaded Chitasan composite scaffold on streptozotocin induced Diabetic rats. *KEPES*. 2023, 21(2), 88-99. (Scopus)

42. Sheik M, Anuradha N, Narasimha Rao G, Kalirajan R, Nagarjuna P, Justin A. Preliminar screening of Pioglitazone and Diosgenin novel combination for Alzheimer's disease. *Journa of Applied Pharmaceutical Science*. 2023, 13(Suppl 1), 065-075. (Scopus)

43. Gaddam N, Srikanth J, Antony J. A Review on Neuroinflammatory Pathway Mediatin Through Ang-II/AT1 Receptors and a Novel Approach for the Treatment of Cerebral Ischemi in Combination with ARB's and Ceftriaxone. *Annals of Neurosciences*. 2023, 1-10. (IF: 1.5 (Scopus) (WOS) DOI: 10.1177/09727531231182554

44. Nafila PK, Ravikumar RVN, Arjanan K, Jaikanth C, Saravanan J and Venkatesh G. C- Glucosyl Xanthone derivative Mangiferin downregulates the JNK3 mediated caspase activation in Almal induced Neurotoxicity in differentiated SHSY-5Y neuroblastoma cells. *Toxicology Mechanisms and Methods*. 2023, 33 (9), 707-718. (IF: 3.2) (Scopus) (WOS).

45. Anusha SB, Shivakumar SK, Saravanan J, Divakar S. Decreasing the matrix Burden: A Non Hormonal Treatment Approach for uterine Fibroids. *Indian Journal of Pharmaceutical Sciences*. 2023, 1224-1233. (IF: 0.5) (WOS)

46. Soumya V, Deepa S, Knolin T, Saravanan J, Hariprasad R, GC-MS analysis and in silic docking of constituents of Cinnamomum malabattrum against CYP450 17 α and CYP450 19 (Aromatase)- Key targets for hyperandrogenism. *Drug Research*. 2023, 73(8):441-447. (IF 2.2) (Scopus) (WOS)

47. Deepa S, Rymbai E, Soumya V, Divakar S, Nuclear receptors and other molecular targets in type2 diabeteds mellitus. *Journal of Applied Pharmaceutical Sciences*. 2023, 13(7), 085-101 (Scopus)

48. Amritha C, Saurav C, Ram K, Rymbai E, Santoshkumar M, Soumya V, Deepak V, Sajjini Deepa S, Zubair, Baba M, Saravanan J Kalirajan R, Vadivelan R, & Divakar S. Sid effects based network construction and drug repositioning of ropinirole as a potentia molecule for Alzheimers disease as in silico, in vitro and in vivo study. *Journal o Biomolecular structure and dynamics*. 2023, 1-15. (IF: 4.4) (Scopus) (WOS)

49. Rymbai E, Deepa S, Amritha C, Ram K, Jubie S, Divakar S. The Identification of cianidanol as a selective estrogen receptor beta agonist and evaluation of its neuroprotective effects of Parkinson's disease models. *Lifesciences*. 2023, 333, 122144. (IF: 6.1) (Scopus (WOS))
50. Mohit A, Chandan C, Abhishek G, Hridhya M, Rudranil K, Belagala N, S. Jubie, Sanal Dev K. T. and Jeyaprakash M. R. Synthesis, molecular docking, In-silico ADMET screening, structural safety evaluation of Abacavir Sulfate and its novel modified substance. *Rasayan Journal of Chemistry*. 2023, 16(03), 1137 – 1148. (Scopus)
51. Raja SN, Krishnaveni N, Madhu Tanya S, Dhanabal SP. Nitrosamine Impurities in Herbal Formulations: A Review of Risks and Mitigation Strategies. *Drug Research*. 2023, 73(08) 431-440. (IF: 2.2) (Scopus) (WOS)
52. Aparna S, Nagarajan JSK, Balasundaram M, Bhuvaneshwaran A, Anbu K, Sriram, Suresh I A new RP-PSLC-UV method development and validation for the concurrent estimation of Bilastine and Montelukast. *YMER*. 2023, 22(03), 123 – 134.(Scopus)
53. Sangamithra R, Meyyanathan SN, Babu B. A novel chiral HPLC and LC-MS/MS method development for the triazole antifungal compound. *Journal of Applied Pharmaceutical Sciences*. 2023, 13(Suppl 01), 1-8. (Scopus)
54. Anandha Jothi D, Meyyanathan SN, Babu B, Gomathi S. Stress Degradation – A Review *Latin American Journal of Pharmacy*. 2023, 42(3), 1757 – 1760. (IF: 0.2) (Scopus) (WOS)
55. Aryan, Babu B, Divakar S, Gowramma B, Srikanth J, Jagadish C & Vishnu MK. Rational design of thiazolidine – 4-one gallic acid hybrid derivatives as selective partial PPAR modulators: in-silico approach for type 2 diabetes treatment. *Journal of Biomolecular Structure and Dynamics*. 2023, 24, 1-15. (IF: 4.4) (Scopus) (WOS) DOI:10.1080/07391102.2023.2283161
56. Kowmudi G, Anoop K, Krishnaveni N, Prudhvi VN. A Review on Chemo preventive Food Bioactive Peptide: Lunasin. *European Chemistry Bulletin*. 2023 12(Si6), 2493 – 2500. (Scopus)
57. Raja SN, Kalyan CB, Krishnaveni N. Characterization, quantification and a multi computational in silico toxicity assessment of impurity (feruloyl methane) in synthetic curcumin using RP-HPLC-UV technique. *Journal of Pharmaceutical and Biomedical Analysis* 2023, 235. (IF: 3.4) (Scopus) (WOS) <https://doi.org/10.1016/j.jpba.2023.115614>
58. Muhasina KM, Krishnaveni N, Dhanabal SP. GC-MS Analysis and In-silico Activity Evaluation of Isolated Compounds from *Nigella sativa* Seeds on Topoisomerase Alpha II. *International Journal of Chemical and Biochemical Sciences*. 2023, 24(6), 672-68. (Scopus)
59. Rajeshkumar R, Jatin M, Vasanth Raj P, Alin Bose J. The Role of Micro RNAs in Cancer Mechanisms, Therapeutic Potentials, and Diagnostic Value. *YMER*. 2023, 22 (12), 1137- 1146. (Scopus)

60. Rajeshkumar R, Jatin M. Molecular Mechanisms of Aging: From Genes to Cellular Pathways YMER. 2023, 22 (12), 1147-1154. (Scopus)
61. Rajeshkumar R, Jatin M. Understanding the Microbiome: Implications for Human Health and Disease. YMER. 2023, 22 (12), 1155-1162. (Scopus)
62. Jatin M, Rajeshkumar R. Advances in Proteomics: Technologies and Applications in Disease Diagnosis and Treatment. YMER. 2023, 22 (12), 1163-1169. (Scopus)
63. Rajeshkumar Raman, Jatin M, Vasanth Raj P, Alin Bose J. CRISPR-Cas9 Revolution: Navigating the New Era of Genome Editing. YMER. 2023, 22 (12), 1170-1178. (Scopus)
64. Arivuselvam R, Dera AA, Parween Ali S, Alraey Y, Saif A, Hani U, Arumugam RS, Azeez MSTA, Rajeshkumar R, Susil A, Haritha H, Prashantha Kumar BR. Isolation, Identification, and Antibacterial Properties of Prodigiosin, a Bioactive Product Produced by a New *Serratia marcescens* JSSCPM1 Strain: Exploring the Biosynthetic Gene Clusters of *Serratia* Species for Biological Applications. Antibiotics. 2023, 12 (9), 1466. (IF: 4.8) (Scopus) (WOS)
65. Farha S, Roy N, Vasanth Raj P. Screening of *Emblica officinalis*, *Terminalia chebula* & *Terminalia bellarica* for their Antioxidant, Antibacterial and Anti-Cytotoxic Activities. YMER 2023, 22(11), 1499-1513. (Scopus)
66. Thrisha A, Vasanth Raj PP, Srisugamathi G, Anuj Kumar S. A study on the effect of ethyl acetate extract of *Terminalia bellarica* fruit against ovarian cancer cells. European Chemical Bulletin. 2023, 12(Special Issue 13), 1352-1358. (Scopus)
67. Alin Bose J, Niharika M, Raman Rajesh K, Vasanth Raj P. Particles in Progress: Unveiling the Emerging Influence of Nanoplastics on Parkinson's Pathology and Neurodegeneration YMER. 2023,22(12), 811-815. (Scopus)
68. Alin Bose J, Raman Rajesh K, Vasanth Raj P, Kritik NK, Vivek. Exploring the phytochemical properties and Anti-inflammatory studies on the aerial parts of *Rosmarinus officinalis*. L YMER. 2023, 22(12), 825-833. (Scopus).
69. Rinu Mary X, Sharumathi SM, Arun KP, Deepalakshmi M, Tharani M. Limited sampling strategies for therapeutic drug monitoring of anti-tuberculosis medications: A systematic review of their feasibility and clinical utility. Tuberculosis. 2023, 141, 102367. (IF: 3.2) (Scopus) (WOS)
70. Pramod Kumar A, Bala Sowmya S, Dharini B, Deepalakshmi M. Case Report of Lennox-Gastaut Syndrome and An Overview of its Non-Pharmacological Treatments. Research Journal of Pharmacy and Technology. 2023, 16(10), 493-497. (Scopus)
71. Rinta ER, Surag BN, Kannappan S, David Sharon C, Sabitha P, Sivasankaran P, Hunsur Nagendra V. An epidemiological study on the prevalence and predictors for geriatric sarcopenia from a public hospital of Ooty, India. Journal of Applied Pharmaceutical Science 2023, 13(10), 210-216.(Scopus)

72. Thomas S, Gomathi M, Pooja S, Arun KP, Deepalakshmi M. Efficacy of Micronutrient Supplementation During Antenatal Period: An Open Label Randomized Control Trial. *India Journal of Pharmaceutical Sciences*. 2023, 85(5), 1517-1523. (IF: 0.5) (WOS)
73. Sudhakar K, Dugar N, Jupudi S, Ashwin R, Gowthamarajan K. Unveiling molecular insights: in silico exploration of TLR4 antagonist for management of dry eye syndrome. *BMJ Open Ophthalmology*. 2024, 9:e001610. (IF: 2.0) (SCOPUS) (WoS)
74. Thirugnanasambandham I, Karri VVSR, Vishwas S, Singh SK, Dua K, Kuppusamy G. Converging paths: Microneedle-based dual intervention of IL-23/IL-17 axis and granuloma formation in rheumatoid nodules. *Medical Hypotheses*. 2024, 10, 111399. (IF: 2.1) (SCOPUS) (WoS)
75. Poomalai P, Krishnan J, Ravichandran A, Sureshkumar R. Biosurfactants: Sustainable Alternative to Synthetic Surfactants and Their Applications. *International Journal of Applied Pharmaceutics*. 2024,16(2), 34-43. (SCOPUS)
76. Roshni N, Usaid MM, Venkatesh D. Nagasamy. Polymorphism and Solid-State Characterization. *Pharma Times*. 2024, 56(4), 14–25. (SCOPUS)
77. Seenivasan R, Ganesh GNK, Murthannagari VR. Optimizing Metformin HCl manufacturing: A Six Sigma approach to assess process capability. *Journal of Applied Pharmaceutical Sciences*, 2024. DOI: 10.7324/JAPS.2024.177701. (SCOPUS)
78. Sekar L, Seenivasan R, Reddy MV, Varma KD, Ahmed SS, Pachiyappan JK, Ganesh GNK. Advancements in Microneedle Technology: Comprehensive Insights Into Versatile Drug Delivery Mechanisms. *International Journal of Applied Pharmaceutics*. 2024,16(2):1-11. (SCOPUS)
79. Seenivasan R, Pachiyappan JK, Vivek Reddy M, Ganesh G. A Systematic Review: Exploration of Process Analytical Technology Techniques (Pat) and Their Multifaceted Advantages in Industrial Processes. *International Journal of Applied Pharmaceutics*. 2024,16(2), 44-51. (SCOPUS)
80. Manu S, Ganesh GNK. A Mini Review on “The Regulatory Framework of Medical Cannabis and It’s Derived Products in United States”. *High Technology Letters*. 2024, 30(4), 691-699. (SCOPUS)
81. Ahmed SS, Baqi MA, Baba MZ, Jawahar N. Formulation, Characterization and Optimization of Folic Acid-Tailored Daidzein Solid Lipid Nanoparticles for the Improved Cytotoxicity against Colon Cancer Cells. *International Journal of Applied Pharmaceutics*. 2024, 16(2), 320-328. (SCOPUS)
82. Ahmed SS, Sriramcharan P, Arivuselam R, Raman R, Venkatachalam S, Natarajan J. Green Synthesis of Bovine Serum Albumin–Tailored Silver Nanoparticles From *Aspergillus Fumigatus*: Statistical Optimization, Characterization, Antioxidant, And Cytotoxicity Evaluation on Colon Cancer Cells. *Applied Organometallic Chemistry*. 2024, 38(4), E7386. (IF: 3.7) (SCOPUS) (WoS)

83. Murthannagari VR, Thumpati VP, Ganesh GNK. Combatting Antibiotic Resistance: Regulatory Exclusivities for New Antibiotic Development in the United States and Europe. *Infectious Diseases & Immunity*. 2024, 4(2), 79-85. **(SCOPUS)**
84. Vivek Reddy M, Ganesh GNK, Rudhresh D, Vaishnavi Parimala T, Narasimha Rao G. Neuro Receptor Signal Detecting and Monitoring Smart Devices for Biological Changes in Cognitive Health Conditions. *Annals of Neurosciences*. 2024. DOI:10.1177/09727531231206888 **(IF: 1.8) (SCOPUS) (WoS)**
85. Karri VVSR. Opportunities and Risks of Indian Medical Device Regulations. *Journal of Chemical Health Risks*. 2023, 13(6), 2284-2292 **(SCOPUS)**
86. Swaroop AK, Preeya N, Ayushi K, Esakkimuthukumar M, Jawahar N, Jubie S, Krishnan Namboori PK. Navigating IL-6: From molecular mechanisms to therapeutic breakthroughs. *Cytokines and growth factor reviews*. 2024, 76, 48–76. **(IF: 9.3) (SCOPUS) (WoS)**
87. Saranya D, Swaroop AK, Esakkimuthukumar M Preeya N, Jubie S. In-silico design and development of novel hydroxy urea lipid drug conjugates for breast cancer therapy targeting P13K/AKT/m TOR pathway. *Drug Research*. 2024, 74(1), 32–41. **(IF: 1.7) (SCOPUS) (WoS)**
88. Sowmiya A, Praveen Kumar P, Kaviarasan L, Kalirajan R, Gowramma B. Targeting STAT3 Enzyme for Cancer Treatment. *Mini-Reviews in Medicinal Chemistry*. 2024, 24(13), 1252-1261. **(IF: 3.3) (SCOPUS) (WoS)**
89. Gomathy S, Kaveri P, Jagdish C, Thiyyar K. Amarjith, Antony AS. In-silico, Synthesis, Characterization and In-vitro Studies on Benzylidene-based 2-chloroquinolin Derivatives as Free Radical Scavengers in Parkinson's Disease. *Drug Research*. 2024, 74, 67-76. **(IF: 1.7) (SCOPUS) (WoS)**
90. Jagdish C, Amarjith T K, Kaveri P, Jinu M, Farhath S, Gomathy S. In silico, preparation and in vitro studies of benzylidene-based hydroxy benzyl urea derivatives as free radical scavengers in Parkinson's disease. *International Journal of Applied Pharmaceutics*. 2024, 16(3), 217-224. **(SCOPUS)**
91. Jagdish C, Hannah LF, Antony AS, Gomathy S. Neurotoxicity by Hypoxia an Intermediate Between Alpha-synuclein and Mitochondrial Dysfunction in Parkinson's Disease. *Journal of Pharmacology and Pharmacotherapeutics*. 2024. DOI: 10.1177/0976500X241253648 **(SCOPUS)**
92. Dugar N, Mathew J, Palathoti N, Swaminathan G, Jupudi S, Afzal Azam M. Exploring the NMDAR antagonists as potential therapeutic agents in the treatment of Alzheimer's disease- A Review. *Biointerface Research in Applied Chemistry*, 2024, 14 (2), 1-24. **(SCOPUS)**
93. Jatoth R, Dhanabal SP, Shankar Kalakotla V, Ganesh T, Jeyprakash MR, Selvaraj J. Analytical Method Development, Validation, and Estimation of Lupeol, Quercetin, Vasicine in Polyherbal Formulations and Selected Plant Species by using UFLC-MS. *Journal of Natural Remedies*. 2024, 24(5), 1035-1050. **(SCOPUS) (WoS)**

94. Jatoth R, Dhanabal SP, Senthil V, Ganesh T, Jeyprakash MR, Shekhar NR. UFLC-MS Method Development of Vasicinone, Pellitorine, 6-Gingerol, Costunolide, Dehydrocostuslactone, Apigenin, and Validation of Piperine, Biflorin in Polyherbal Formulations. *Journal of Natural Remedies*. 2024, 24(3), 555-575. **(SCOPUS) (WoS)**
95. Muhasina KM, Ghosh P, Mishra R, Pandey N, Nagappan KV, Duraiswamy B, Palaniswamy D. Functional Food in Promoting Health: Global Perspective. In *Emerging Solutions in Sustainable Food and Nutrition Security*. *International Journal of Chemical and Biochemical Sciences*. 2023, 24(6), 672-686. **(SCOPUS)**
96. Ashutosh S, Ammu VVVR, Praveen T K. Co Targeting of HMG-Co-A reductase and cyclogenesis-2 for the treatment of non-small cell lung cancer. *Advanced Pharmaceutical bulletin*. DOI: 10.34172/apb.2024.026. **(IF: 3.1) (letter to editor) (Scopus) (WoS)**
97. Deepak Vasudevan S, Praveen TK, Amritha C, Ravinaik M. Orientin Modulates Nrf2-ARE, PI3K/Akt, JNK-ERK1/2 and TLR4/NF-kB pathways to Produce Neuroprotective Benefits in Parkinsons Disease. *Neurochemical Research*. 2024, 49(6), 1588-1591. **(IF: 3.7) (SCOPUS) (WoS)**
98. Praveen TK, Merina B, Benny A, Binu TK, Nishanth kG. Safety Evaluation of Amaranth Extract by Acute, Sub chronic and chronic exposure in Rats. *National academy of Agriculture Sciences*. DOI: <https://dx.doi.org/10.13005/bpj/2774>. **(SCOPUS)**
99. Ammu VVVR, Kusuma Kumari G, Praveen TK, Asha PJ, Madhuchandra K, Riyaz Ali M, Osmani, Amr Selim, Abu lila, Afrasim Moin, Gangadharappa HV, Syed Mohd Danish R. An update on emergent Nano Therapeutic strategies against pediatric brain tumors. *Brain Sci*. 2024, 14(2), 185. **(IF: 2.7) (SCOPUS) (WoS)**
100. Sai Varshini M, Praveen TK, Aishwarya Reddy R, Ashish W, Chandrasekar M. Insight into the Emerging Therapeutic targets of triple-negative breast cancer. *Current Cancer Drug Targets*. 2024. DOI: 10.2174/0115680096280750240123054936. **(IF: 2.3) (SCOPUS) (WoS)**
101. Madhu TS, Praveen TK, Sai Varshini M. Harnessing the synergistic potential of NK1R antagonists and selective COX-2 Inhibitors for simultaneous targeting of TNBC cells and cancer stem cells. *Journal of Drug Target*. 2024, 32(3), 258-269. **(IF: 4.3) (SCOPUS) (WoS)**
102. Sai Varshini M, Aishwarya Reddy R, Praveen TK. Unlocking hope: GSK-3 inhibitors and Wnt pathway activation in Alzheimer's therapy. *Journal of Drug Target*. 2024, 11, 1-9. **(IF: 4.3) (SCOPUS) (WoS)**
103. Sangappa SB, Babu HM, Savadi RC, Praveen TK, Ammu VVVR. Salivary Interleukin-6 as a noninvasive biomarkers for chronic periodontitis and tooth in Type 2 diabetes. *Indian Journal of Dental Research*. 2024, 10-4103. DOI: 10.4103/ijdr.ijdr_112_23 **(SCOPUS)**

- 104.Obineni I, Kamireddy S, Nadh AR, Chatla S, Vadivelan R, Bhuvaneshwari K, Harika P. Formulation development and in vitro Evaluation of Alendronate Buccal Tablets, Research Journal of Pharmacy & Technology. 2024, 17(1), 460-464. **(SCOPUS)**
- 105.Latha JD, Obilineni I, Nadh AR, Vadivelan R, Sahana Reddy C, Bhuvaneshwari K, Harika P, Sai Praneeth T. Evaluation of the effect of Wheatgrass powder on Stress-induced depression and memory loss in mice. Research Journal of Pharmacy and Technology. 2024, 17(5), 2315-2319. **(SCOPUS)**
- 106.Bhongiri B, Vadivelan R, Bairi R, Mohanasundaram T, Munnangi V. In Vivo Evaluation Studies for Isoflavones Loaded Nanodroplets for Diabetic Encephalopathy. African Journal of Biological Sciences. 2024, 6(9), 4400-4416. **(SCOPUS)**
- 107.Thangavel G, Mohanasundaram T, Vadivelan R. Gastroprotective effect of SKM-Gelcocid suspension on indomethacin induced gastric ulcer in female Wistar rats. Phytomedicine Plus. 2024, 4(3), 100592. **(SCOPUS)**
- 108.Vadivelan R, Vikash S, Tharani M, Ruchi T, Harshini Magesh. Daidzein Alleviates Isoproterenol-Induced Cardiac Injury in Rats Via Nf-Kb Pathway Inhibition. Journal of the Faculty of Pharmacy. 2024, 44 (2), 124-130. **(SCOPUS)**
- 109.Mohanasundaram T, Saivarshini M, Supriya A, Sharma S, Vadivelan R. Evaluation of Dermal Irritation and Skin Sensitization of Icaritin in Rabbits. TWIST. 2024, 19 (2), 132-135. **(SCOPUS)**
- 110.Ghosh P, Pattari N, Manisha C, Basavan D, Petchiappan V, Justin A. Reversal mechanism of multi-drug-resistant Cancer cells by Lectin as Chemo- adjuvant and targeted therapy- A systematic review. Phytomedicine. 2024, 123:155205. Doi: 10.1016/j.phymed.2023.155205. **(IF: 6.7) (SCOPUS) (WoS)**
- 111.Mariam Raju R, Joy JA, Manjunathaiah RN, Justin A, Prashanth Kumar BR. EGFR as Therapeutic target to develop new generation tyrosine kinase inhibitors against breast Cancer: A Critical review. Results in Chemistry. 2024, 101490. **(IF: 2.5) (SCOPUS) (WoS)**
- 112.Faizan S, Abdo Mohsen MM, Amarakanth C, Justin A, Rahangdale RR, Chandrasekar HR, Prashantha kumar BR. Quinone scaffolds as potential therapeutic anticancer agents, Chemistry mechanism of actions, structure- activity relationship and future perspectives. Results in Chemistry. 2024, 7, 101432. **(IF: 2.5) (SCOPUS) (WoS)**
- 113.Ghosh P, Basavan D, Justin A. Anti- lung cancer potential of the ethanolic rhizome extract of Irish Versicolor- A Study combining of metabomic profiling and molecular docking approach. International Journal of Chemical and Bio Chemical Sciences. 2024, 25(16), 205-210. **(SCOPUS)**
- 114.Shiva Priya, Tyagi M, Devadarshini D, Saravanan J. Unveiling the Therapeutic Potential of Ginkgo Biloba: A network Pharmacology Approach for Parkinsons disease. Journal of Faculty of Pharmacy of Ankara University. 2024, 48(1), 97-108. **(SCOPUS)**

- 115.Chellappan MC, Soumya V, Shriram M, Kathirvan MK, Saravanan J , Soniya Naik. Beneficial effects of P1N1 Inhibition on Diabetes Mellitus: A Concise Review, Endocrine Metabolic & Immune Disorders Drug Targets. 2024. DOI: 10.2174/0118715303297663240307060019. **(IF: 2.0) (SCOPUS) (WoS)**
- 116.Khanna S, Selvaraj D, Thagi M, Devadarshini, Saravanan J. An integrated Network Pharmacology and Molecular modelling study of Phytoconstituents Targeting Alzheimers disease. Medicine in Omics. 2023, 100031. <https://doi.org/10.1016/j.meomic.2023.100031> **(Non Index)**
- 117.Sreenidhibhat A, Chakkittukandayil A, Santhosh kumar M, Satvik K, Sudarshan M, Kalirajan R, Saravanan J, Ram K, Divakar S. Network Based drug repositioning of linagliptin as a potential agent for uterine fibroids targeting transforming growth factor -beta mediated fibrosis. Biochemical and Biophysical Research Communication. 2024, 703, 14961. **(IF: 2.5) (SCOPUS) (WoS)**
- 118.Rymbai E, Sugumar S, Chakkittukandiyil A, Ram K, Divakar S. Molecular insights in to the potential effects of selective estrogen receptor β agonists in Alzheimer's and Parkinsons diseases. Cell Biochemistry and function. 2024, 42(3), e4014. **(IF: 2.8) (SCOPUS) (WoS)**
- 119.Manoj Kumar T, Preethi B, Raja Shekhar N, Nagappan K. Future of Pharmaceutical Industry: Role of Artificial Intelligence, Automation and Robotics. Journal of Pharmacology and Pharmacotherapeutics.2024, 1-11. DOI: 10.1177/0976500X24125229 5. **(SCOPUS)**
- 120.Raja Shekhar N, Nagappan K. Identification of Synthetic Impurities and Their Significance in Natural Products Quality Control. Natural Product Communication. 2024,19(5),1-2. **(IF: 1.5) (SCOPUS) (WoS)**
- 121.Thutkur T, Raja Shekhar N, Nagappan K. Unveiling the significance of impurity profiling: A comprehensive exploration of novel analytical techniques for ensuring quality and safety in herbal formulations. European Journal of Medicinal Chemistry Reports. 2024, 11, 100166. **(IF: 4.0) (SCOPUS) (WoS)**
- 122.Haridhar K, Gowtham A, Dhatri TN, Chandan C, Jeyaprakash MR. A Comprehensive guide to mass spectrometry imaging techniques. High Technology Letters. 2024, 30(4), 397-406. **(SCOPUS)**
- 123.Gowtham A, Haridhar K, Dhatri TN, Chandan C, Jeyaprakash MR. Recent advancements in membrane technology for chiral separation: A Review. High Technology Letters. 2024, 30(5), 1–10. **(SCOPUS)**
- 124.Dhatri TN, Gowtham A, Haridhar K, Chandan C, Jeyaprakash MR. Current Aspects of Design, Optimization, Quality Control Sterilization and Packaging of Medical Devices. Journal of Chemical Health Risks. 2024,14(2), 3150–3159. **(SCOPUS)**

125. Haridhar K, Gowtham A, Dhatri TN, Chandan C, Jeyaprakash MR. Method Development and Validation of Domperidone Malate in Tablet Dosage Form by Using RP-HPLC Method. *Journal of Chemical Health Risks*. 2024, 14(3), 1135-1142. **(SCOPUS)**
126. Karthick R, Nagarajan JSK, Meiyappan V, Singh AK, Moses JRP, Janarthanan LR. An overall review on analytical and bioanalytical methods developed for the estimation of Glimepride and Metformin. *World Journal of Pharmacy and Pharmaceutical sciences*. 2024, 15(5), 1254-1267. **(NON INDEX)**
127. Janarthanan LR, Nagarajan JSK, Moses JRP, Singh AK, Varadharaj M, Rajendran K. Advances in analytical and Bioanalytical techniques for Rifampicin and Isoniazid: A Comprehensive Review. *World Journal of Pharmacy and Pharmaceutical sciences*. 2024, 13(5), 1657-1670. **(NON INDEX)**
128. Varadharaj M, Nagarajan JSK, Rajendran K, Janarthanan LR, Moses JRP, Singh AK, Singh AK. An overall review on analytical and Bioanalytical methods developed for the estimation of Amlodipine Besylate and Enalapril Maleate. *World Journal of Pharmacy and Pharmaceutical sciences*. 2024, 13(5), 1623-1641. **(NON INDEX)**
129. Singh AK, Singh AK, Nagarajan JSK, Moses JRP, Rajendran K, Janarthanan LR, Varadharaj M. A Brief review on chiral separation of drugs. *World Journal of Pharmacy and Pharmaceutical sciences*. 2024, 13(5), 1351-1367. **(NON INDEX)**
130. Moses JRP, Nagarajan JSK, Raja L, Varadharaj M, Singh AK, Rajendran K. An overall review of analytical and Bioanalytical methods developed for the simultaneous estimation of Metformin Hydrochloride and Sitagliptin Phosphate. *World Journal of Pharmacy and Pharmaceutical sciences*. 2024, 13(5), 1268-1291. **(NON INDEX)**
131. Ashwini R, Meyyanathan SN, Manoj S, Gowtham Kumar S, Venkatesh Prasath N. A review on analytical Quality by Design: anti-psychotic drugs. *High Technology Letters*. 2024, 30(4): 497-506. **(SCOPUS)**
132. Manoj S, Ashwini R, Venkatesh Prasanth, Gowtham Kumar S, Meyyanathan SN. Development and validation of RP-HPLC method for estimation of Cefoperazone in API and Injections. *High Technology Letters*. 2024, 30(4), 443-451. **(SCOPUS)**
133. Venkatesh Prasath N, Manoj S, Ashwini R, Gowtham Kumar S, Lokeshraja J, Meyyanathan SN. Validated Stability Indicating RP-HPLC Method for the Forced Degradation Study of Empagliflozin. *Journal of Chemical Health Risks*. 2024, 14(3), 06-12. **(SCOPUS)**
134. Mahapatra S, Babu B. Bilastine: An antihistamine medication with several therapeutic advantages- A review. *High Technology Letters*. 2024, 30(4), 349-356. **(SCOPUS)**
135. Ragul PA, Suresh S, Babu B. Advances in Chromatographic Elegance: Integrating Molecular Chromatography with Cutting-Edge LC-MS/MS Technologies. *High Technology Letters*. 2024, 30(4), 330-339. **(SCOPUS)**

- 136.Rithika K, Babu B. AI tool (ANN's) in Pharma and approaches of QbD implementation in pharmaceutical industries with AI tool. High Technology Letters. 2024, 30(4), 468-474. **(SCOPUS)**
- 137.Tamil Selvam S, Babu B. The methodological studies on Biginelli reaction, by synthesis of DHPMs and piperidines by the one-pot multicomponent reaction using aniline derivatives. High Technology Letters. 2024, 30(4), 407- 427. **(SCOPUS)**
- 138.Mahapatra S, Babu B. Comprehensive assessment and evaluation of "Enhancing product quality and process efficiency through Quality by design". World Journal of Pharmaceutical Research.2024, 13(7), 862-872. **(NON INDEX)**
- 139.Arivuselvam R, Nagappan K, Raj PV, Rajeshkumar R. Unveiling Nature's Secrets: Activating Silent Biosynthetic Genes Clusters in Fungi and Bacteria. International Journal of Nutrition Pharmacology and Neurological Diseases. 2024, 1-8. DOI: 10.4103/ijnpnd.ijnpnd_24_ **(SCOPUS)**
- 140.Abdul baqi M, Jayanthi K, Rajeshkumar R. Design for the Colon Cancer inhibitors targeting Thymidylate Kinase by using Insilico Studies. International Journal of Applied Pharmaceutics. 2024, 16 (3), 312-319. **(SCOPUS)**
- 141.Abdul baqi M, Jayanthi K, Rajeshkumar R. Identification of benzylidene amino phenol inhibitors targeting thymidylate kinase for colon cancer treatment through in silico studies. International Journal of Applied Pharmaceutics. 2024, 16 (4). <https://doi.org/10.22159/ijap.2024v16i4.50874> **(SCOPUS)**
- 142.Jyothikrishna P, Karthika A, Nagappan K, Deepalakshmi M, Arun KP. Response Surface Methodology Assisted RP-HPLC Method for the Determination of Meropenem in Human Plasma: Application to a Pharmacokinetic Study. International Journal of Pharmaceutical Quality Assurance. 2024,14(04), 1115-1125 **(SCOPUS)**.
- 143.Deepalakshmi M, Joanna A, Venkat K, Moffy M, Arun KP. P Glycoprotein Mediated Drug Interaction between Digoxin and Orange Juice- Exploratory Study by Invitro Approach. International Journal of Drug Delivery Technology.2024, 13(04):1418-1421. **(SCOPUS)**
- 144.Sharumathi SM, Bhavatharini S, Mary R, Deepalakshmi M. Extrapramidal Effects of First and Second Generation Antipsycotics: A Review. International Journal of Drug Delivery Technology. 2024, 13(04),1623-1630. **(SCOPUS)**
145. Arun KP, Raksha CR, Syed mohammed OS, Pathak S, Keerthana Venkat V, Ashwin K, Sabari A, Deepalakshmi M. The Impact of Clinical Pharmacist Intervention in Geriatric Patients with Chronic Diseases – An interventional study. African Journal of Biological Sciences. 2024, 6(5), 1996-2010 **(SCOPUS)**
- 146.Keerthan D, Sridhar V, Anantha Naarayan S, Yokkesh M, Giri Dharan GR, Mani Bharathi T. Impact of using allopathic medicine and herbal drugs for diabetes mellitus. African journal of biological sciences. 2024, 6(4), 701-713 **(SCOPUS)**

147. Vikashini S, Sachithanandan S, Rajamohamed H, Deepalakshmi M. Cancer Awareness Program at Government Botanical Garden, Ooty: A Collaborative Initiative. Journal of Pharmacological Research and Development. 2024, 6(1), 15-17. **(NON INDEX)**

148. Nagaraj BS, Akey Krishna S, Esakkimuthukumar M, Jawahar N, Prabha T, Jubie S. Effect of Calcitriol in Inhibiting the Cancer Cell Growth and Promoting Apoptosis in ErbB2-positive Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry. 2023, 23 (18), 2056–2071. (IF: 2.8) (Scopus, WOS).



Dr. Gomathi S



Dr. Kousalya S



Principal

PRINCIPAL
J.S.S. COLLEGE OF PHARMACY
Rockland's, Ootacamund - 643 001

**DETAILS OF ICMR / VGST FINANCIAL ASSISTANCE FOR STUDENTS MDS
DISSERTATION THESIS**

Sl. No.	Name of the faculty / Department	Title of thesis	Grant In Lakh	Sponsoring Agency	Period From To	Status	Grants received
1.	Principal Investigator Ms Tanisha Hannan UG Student Guide: Dr Usha Hegde Prof., Dept. of Oral Pathology	Assessing the efficiency of safranin-O and grams staining as a tool in identifying candida organisms in clinically suspected conditions	0.50	STS-ICMR	8 Months	Submitted 10.7.2024	Under review
2.	Principal Investigator Ms Kashish R Jain UG Student Guide: Dr Paras Mull J Reader Dept. of Conservative Dentistry	A comparative assessment of the plaque index simplified oral hygiene index and decayed-missing filling tooth index among diabetic and non-diabetic pregnant women visiting a tertiary health care centre in Mysore city: A cross-sectional observational study	0.50	STS-ICMR	8 Months	Submitted 8.7.2024	Under review
3.	Principal Investigator Dr V Hamsini PG Student Guide: Dr Ashwini T S Prof., Dept. of Conservative Dentistry	Evaluation and assessment of effectiveness of antioxidants, 10% sodium ascorbate, catalase and 20% alpha tocopherol on pushout bond strength of glass fibre post	1.00	ICMR	2 Yrs.	Submitted 8.7.2024	Under review
4.	Principal Investigator Ms. Safa Reem UG student Guide: Dr Priyanka Nitin Lecturer Dept. of Oral pathology	Effectiveness of raga therapy in combating stress and maintaining mental wellbeing among college students	0.50	STS-ICMR	8 Months	Submitted 2.7.2024	Under review
5.	Principal Investigator Ms. Kogilaseethalakshmi Palaniappan UG student Guide: Dr Jyothikiran Professor Dept. of Orthodontics	Digitization of orthodontic study models using a mobile based application	0.50	STS-ICMR	8 Months.	Submitted 5.7.2024	Under review
6.	Principal Investigator Dr Rochana Mahesh PG Student Guide: Dr Suma S Reader Dept. of Orthodontics	Artificial intelligence based algorithm to assess and predict changes with myofunctional appliances in class II malocclusion patients	1.00	ICMR	2 Yrs.	Sanctioned 27.6.2024 MDMS23D EC-0458	

Sl. No.	Name of the faculty / Department	Title of thesis	Grant In Lakh	Sponsoring Agency	Period From To	Status	Grants received
7	Principal Investigator Ms Aalia Mohammed UG Student Guide: Dr Sushma R Lecturer Dept. of PHD	Rural populations “Perception on risk factors, early symptoms, screening and treatment of oral cancer: A community based questionnaire study	0.50	STS-ICMR	1.5 Yrs.	Submitted 29.6.2024	Under review
8	Principal Investigator Dr Vaishnavi Gade PG Student Guide: Dr Thippeswamy H M Reader Dept. Of PHD	Association of iron deficiency anaemia, dental caries, school performance and oral health related quality of life among 6-9 year old children of Mysore city, India-A cross sectional study.	1.00	STS-ICMR	8 Months.	Submitted 29.6.2024	Under review
9	Principal Investigator Ms. Shriya Kalyanpur UG Student Guide: Dr Premalatha B R Reader Dept. of Oral Pathology	Evaluation of salivary CA125 levels in oral potentially malignant disorders	0.50	STS-ICMR	8 Months	Submitted 28.6.2024	Under review
10	Principal Investigator Dr Abhinaya Ananthakumar PG Student Guide: Dr Seema Deshmukh Reader Dept. Of Pediatric Dentistry	Clinical evaluation of the effectiveness of Zinc oxide nanoparticles containing cavity disinfectant on the retention of restorations in carious primary molars	1.00	ICMR	2 Yrs.	Submitted 28.6.2024	Under review
11	Principal Investigator Ms Ayisha BDS Student Guide: Dr Raghavendra Shanbhog Reader Dept.of Pediatric Dentistry	Designing and developing of a prototype versatile cleaning device utilizing ultrasonic and ozone technologies for custom made intraoral removeable dental practitioners	0.50	STS-ICMR	6 Mon.	Submitted 28.6.2024	Under review
12	Principal Investigator Mr Kavin John Thaliath UG Student Guide: Dr Sowmya H K Lecturer Dept. of Conservative Dentistry	Assessing Hydroxyapatite crystal concentration in eggshell and seashell nanoparticles for dental restoration purposes laboratory investigations	0.50	STS-ICMR	8 Months	Submitted 27.6.2024	Under review

Sl. No.	Name of the faculty / Department	Title of thesis	Grant In Lakh	Sponsoring Agency	Period From To	Status	Grants received
13	Principal Investigator Ms Manaal Mohammadi UG Student Guide: Dr Vidya GD Reader Dept. Of Oral Pathology	Analysing and comparing the effectiveness of rose Bengal and toluidine blue stains using digital methods for early detection of oral potentially malignant disorders (OPMDs)	0.50	STS-ICMR	8 Months	Submitted 27.6.2024	Under review
14	Principal Investigator Ms Ashika Christy Antony UG Student Guide: Dr Parinitha M S Reader Dept. of Conservative Dentistry	Comparative evaluation of effects of natural antioxidants on push out bond strength of resin based composite to dentin after intracoronal bleaching-An invitro study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
15	Principal Investigator Ms. Pranjal Kalwani BDS student Guide: Dr Vidya Priyadarshini Lecturer Dept. of Periodontology	Assessing the prevalence of periodontitis in patients having chronic obstructive pulmonary disease	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
16	Principal Investigator Dr Merlyn Teresa Kurian PG student Guide: Dr Nitin V M Reader Dept. of Orthodontics	Evaluation of maxillary sinus volume and bone density in cases with maxillary canine impactions using CBCT basic medical sciences	1.00	ICMR	2 Yrs.	Submitted 26.6.2024	Under review
17	Principal Investigator Ms. Alman Nisar BDS student Guide: Dr Anupama C Lecturer Dept. of Prosthodontics	Assessment of missing tooth prevalence and factors for not replacing missing tooth: A cross sectional study among dental and medical students.	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
18	Principal Investigator Ms. Brundaa Somashekar BDS student Guide: Dr Nanditha Kumar M Reader Dept. of Prosthodontics	Assessment of depression and self-esteem in geriatric patients before and after rehabilitation with removable complete dentures – A prospective longitudinal study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review

Sl. No.	Name of the faculty / Department	Title of thesis	Grant In Lakh	Sponsoring Agency	Period From To	Status	Grants received
19	Principal Investigator Ms. Meghana B V BDS student Guide: Dr Prathibha Shashikumar Reader, Dept. of Periodontolgy	The oral system link undertaking how dental health affect the body. Bringing awareness among medical and dental students	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
20	Principal Investigator Ms. Hima Bindu C J UG student Guide: Dr Shruti S Kumar Lecturer	Estimation of salivary cortisol level in children with mild and moderate hearing loss	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
21	Principal Investigator Ms. Safa Reen BDS student Guide: Dr Priyanka Nitin Lecturer Dept. of Oral Pathology	Effectiveness of raga therapy in combating stress and maintaining mental wellbeing among college students	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
22	Principal Investigator Ms. Chethana S BDS Student Guide: Dr Sunitha S Reader Dept. of Public Health Dentistry	Integration of oral health by assessment of oral health status and treatment needs knowledge, attitude and practice among first contact at primary health centers of Mysuru district	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
23	Principal Investigator Mr. Chandan Kumar T S BDS Student Guide: Dr Vinutha Manjunath Reader Dept. of Conservative Dentistry	Association between dental caries and HBA1c in patients with type II diabetes mellitus in Mysore population – A cross sectional study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
24	Principal Investigator Ms. Keerthi Nanaiah BDS Student Guide: Dr Prasanna Srinivas D Lecturer Dept. of Oral Medicine	Sleep apnea screening and upper airway analysis on cone beam computed tomography in patients with temporomandibular disorders : A cross sectional study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review

Sl. No.	Name of the faculty / Department	Title of thesis	Grant In Lakh	Sponsoring Agency	Period From To	Status	Grants received
25	Principal Investigator Ms Sanjana S Kumar BDS Student Guide: Dr Talwade Priyanka Lecturer Dept. of Pedodontics	Assessment of edentulism and serum cortisol in patients with temporomandibular disorders – A cross sectional study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
26	Principal Investigator Ms Ankita G Dhanya BDS student Guide: Dr Brinda S Godhi Reader, Dept. of Pedodontics	Exploring factors influencing oral health behaviours among adolescents pursuing non-health sciences professional courses – A questionnaire-based study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
27	Principal Investigator Dr Madhumita Raju Pillai PG Student Guide: Dr Anilkumar G Prof., Dept. of Prosthodontics	Adhesive strength of denture adhesive incorporated with propolis compared to conventional denture adhesive an in- vitro study	1.00	ICMR	6 Mon.	Submitted 26.6.2024	Under review
28	Principal Investigator Ms. Prakruthi S M BDS student Guide: Dr Sreeshyla H S Lecturer Dept. of Oral Pathology	Assessment of micronuclei among tobacco users using liquid based cytology – A comparative analysis with conventional cytology	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
29	Principal Investigator Mr Prathap K BDS student Guide: Dr Suman Basavaraju Prof., Dept of Periodontology	Knowledge attitude practice among hepatologists on the link between perialantitis and liver disease a survey	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
30	Principal Investigator Ms Rumana Afreen Khazi BDS Student Guide: Dr Bhagyalakshmi A Reader Dept. of Orthodontics	Dental Irregularities and their influence on quality of life in young adults	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review

Sl. No.	Name of the faculty / Department	Title of thesis	Grant In Lakh	Sponsoring Agency	Period From To	Status	Grants received
31	Principal Investigator Ms K Shriya BDS Student Guide: Dr Premalatha B R Reader Dept. Of Oral pathology	Evaluation of salivary CA125 levels in oral potentially malignant disorders	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
32	Principal Investigator Ms Aroosa Umer Khan BDS Student Guide: Dr Aruna G Lecturer Dept. of Periodontology	Expression of autophagy-5 protein in periodontal health and disease its correlation with collagen maturation	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
33	Principal Investigator Mr Kiran N Nambiar BDS Student Guide: Dr Meenakshi S Lecturer Dept. of Prosthodontics	Postural evaluation and development of ergonomic paradigm for dental professionals descriptive cross sectional study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
34	Principal Investigator Ms. Ashika Christy Antony BDS student Guide: Dr Parinitha M S Reader Dept. of Conservative Dentistry	Comparative evaluation of effects of natural antioxidants on push out bond strength of resin based composite to dentin after intracoronal bleaching. An invitro study	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
35	Principal Investigator Ms.Niya Banu BDS Student Guide: Dr Chanchala H P Lecturer Dept. Of Pedodontics	Exploring a non -invasive method for free heme estimation using gingival CT evicular fluid and saliva in beta thalassemia major (BTM) patients	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
36	Principal Investigator Mr. Kevin John Thaliath BDS Student Guide: Dr Sowmya H K Lecturer Dept. of Conservative Dentistry	Assessing Hydroxyapatite crystal concentration in eggshell and seashell nanoparticles for dental restoration purposes	0.50	STS-ICMR	6 Mon.	Submitted 26.6.2024	Under review
37	Principal Investigator Dr Durga M V PG Student Guide: Dr Suma S Reader Dept. of Orthodontics	Evaluation of the effects of cigarette smoke and alcohol on the force degradation of elastomeric chain-an in-vitro study	1.00	ICMR	6 Mon.	Submitted 26.6.2024	Under review

Sl. No.	Name of the faculty / Department	Title of thesis	Grant In Lakh	Sponsoring Agency	Period From To	Status	Grants received
38	Principal Investigator Dr Muskan Salgia PG Student Guide: Dr H Jyothikiran Prof., Dept. of Orthodontics	Comparative evaluation of shear bond strength and adhesive remnant index of new and rebounded self-ligation orthodontic metallic brackets – An in vitro study	1.00	ICMR	6 Mon.	Submitted 25.6.2024	Under review
39	Principal Investigator Dr Yazhini S PG Student Guide: Dr Annapoorna B M Prof. Dept. of Conservative Dentistry	Clinical performance of two flowable resin based composite in non-carious cervical lesions of the teeth: A split mouth, double blinded randomized clinical trial	1.00	ICMR	6 Mon.	Submitted 25.6.2024	Under review
40	Principal Investigator Dr Deepti Goklani PG Student Guide: Dr Vinutha M Reader Dept. of Conservative Dentistry	Clinical performance of Clark's and conventional cavity design preparation for class II resin based composites: A randomized controlled trial	1.00	ICMR	6 Mon.	Submitted 24.6.2024	Under review
41	Team: Ms Suhani Jain (Team representative) Mr Manoj Ms Poornima Ms Sagarika Ms Srilekha	Augmenting Osteogenic Activity and Regulating Resorbability of Indigenous Hydroxyapatite Bone Matrix using Biosynthesized Titanium Dioxide TiO ₂ Nanoparticles	2.5	BIRAC E-Yuva Scheme	1 Yr.	Submitted 13.3.2024	Under review
42	Principal Investigator Dr Ankita Chhabrani PG Student Dept of Periodontology	To compare the effectiveness of 1% sodium alendronate gel V/s Cissus quadrangularis capsules on stability and crestal bone loss of dental implants: A randomized control trial	1.60 (\$2000)	American Academy of Implant Dentistry		Sanctioned 9.1.2024	1.60047
43	Principal Investigator Dr Meera Theenathayalan PG Student Guide: Dr Mahesh K P Reader Dept. of Oral Medicine	Zinc finger protein as a salivary biomarker for early diagnosis of oral cancer – an evaluation study	1.00	ICMR	4 Mon.	Submitted Jan-2024 MDMS23 DEC-0844	Under review
44	Principal Investigator Dr Shruti Sandip Shukla	Comparative assessment of salivary pH, Sialic acid concentration and antioxidant status between children with and with type 1 diabetes mellitus	0.10	ISPPD	2 Mon.	Sanctioned 9.7.2023	Under review

Book Chapters authored by faculty

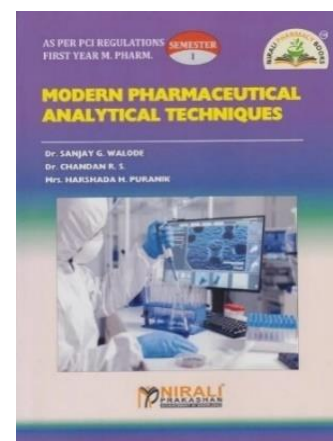
1. M. Shilpa, Suresh Joghee and G. Haripriya authored a book chapter titled “Study about Phytochemical Evaluation of Eupatorium glandulosum”.
2. M. Shilpa, Suresh Joghee and G. Haripriya authored a book chapter titled “Development and investigation of antimicrobial ointment containing Eupatorium glandulosum hort”.
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4. R. Xavier Arulappa, Lakshman Kumar Dogiparthi, Gokul Marimuthu, Prabitha P, M.Kathiravan authored book chapter titled “Computer Aided Drug Development”.
5. Dr. B R Prashantha Kumar authored a book chapter titled “Designing studies in Pharmaceutical & Medicinal Chemistry”.
6. Dr. Rupshee Jain authored a book chapter titled “Block Co-polymers: Vital Aspects and Applications in Drug Delivery”.
7. S. K. Manohar, M. P. Gowrav, and H. V. Gangadharappa authored a book chapter titled “Materials for Gene Delivery Systems”.
8. Komal Iranna Savadatti, Asha Puthuvilayil Johnson, and Hosahalli Veerabhadrapa Gangadharappa authored book chapter titled “Functionalized Carbon Nanotube for Various Disease Treatment”.

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1. M. Shilpa, Suresh Joghee and G. Haripriya authored a book chapter titled “Study about Phytochemical Evaluation of Eupatorium glandulosum”.
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9. Dr. Chandan R S authored a book chapter “Nanophytomedicine and their Applications: A Brief Overview”.
10. Dr. Balamuralidhara V authored a book chapter titled “Regulatory Requirements and Approval Process for Medical Devices in Japan, Australia and Brazil”.
11. Dr. N Vishal Gupta, K Trideva Sastri, Dr. Vikas Jain titled “Nanoscience Applications in Diabetes Treatment”.

Textbook authored by faculty- 01

- Dr. R S Chandan authored a textbook titled “**Modern Pharmaceutical Analytical Techniques**” for First Year M. Pharm (I Semester) as per PCI Regulations Syllabus.
- R. Xavier Arulappa, Lakshman Kumar Dogiparthi, Gokul Marimuthu, **Prabitha P**, M.Kathiravan authored a textbook titled “**Computer Aided Drug Development** as per PCI Regulations Syllabus.



Build infrastructure, promote inclusive and sustainable industrialization and foster innovation

Industrial development is the building and growing of industries within an economy. These industries include mass production, technological advances, and other services. When an area or economy is industrialized it experiences an increased standard of living, job growth, and more productivity as it sustains growth. As productivity in an area increase, there is so much more opportunity.

Innovation in education is especially significant, considering the young minds moulded by the education system today will be those leading the charge for innovation tomorrow. And if the rapidly changing needs of the current workforce are any indication of what's to come for future generations, this investment will be necessary to continue making progress at the speed and quality that we are today.

Investment in infrastructure and innovation are crucial drivers of economic growth and development. A good infrastructure paves the way for young minds to be motivated and to have a practical approach toward their education and dissemination of their knowledge.

University Sophisticated Instrumentation Center

The USIC enhances research with state-of-the-art facilities such as a confocal microscope, flow cytometer, NMR, LCMS, and a supporting cell culture lab.



Cell culture laboratory

All the basic requirements or facilities like Quarantine are, washing area, Media preparation area, Aseptic transfer area, Culture/grow rooms and Data collection area considered for the construction of cell culture lab for efficient functioning and experimentation.



Gallery Lecture Hall

JSS College of Pharmacy, Academy of Higher Education & Research (JSS AHER) has renovated gallery lecture hall with 120 seating capacity. This hall is equipped with state-of-the-art digital display board. This facility will be used for seminar/conferences as well as guest lecture.



Renovated office building inaugural pooja on 02nd May 2024

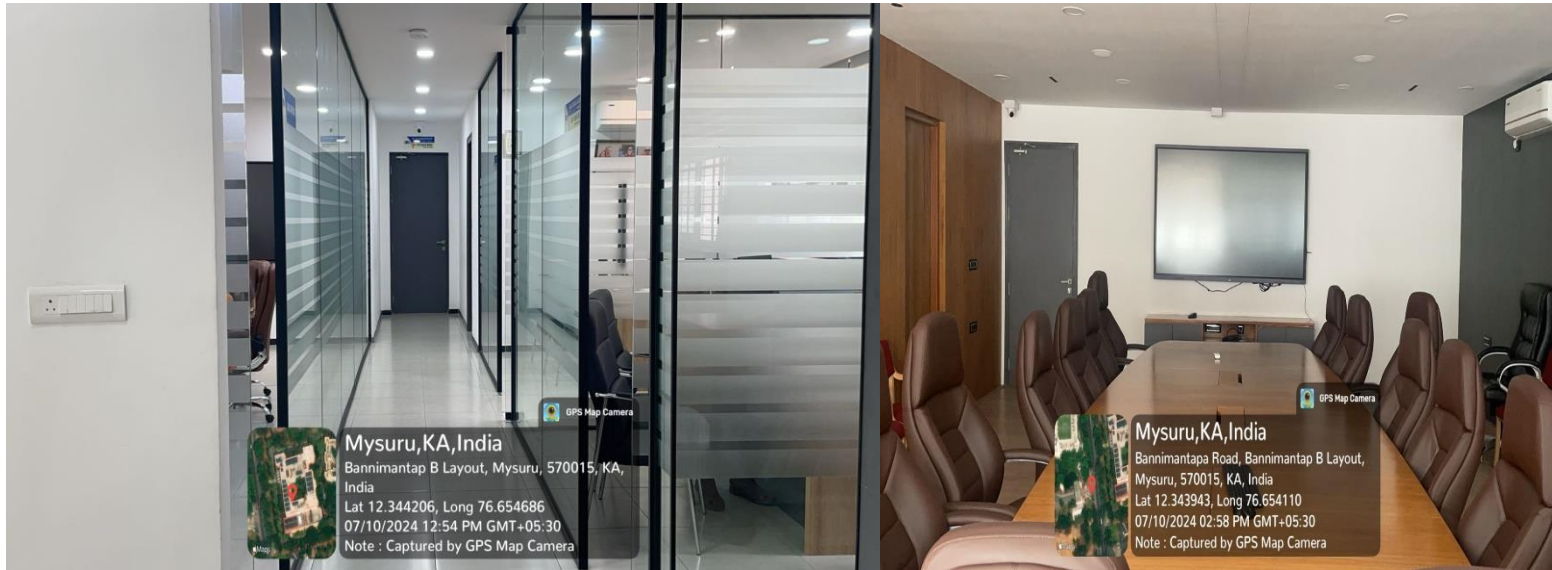
Renovated office building of the college inaugural pooja was held on 02nd May 2024 with divine presence and blessings of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, and support and guidance from Dr. C G. Betsurmth, Executive Secretary, JSS Mahavidyapeetha and JSS AHER Leaderships Dr B Suresh Pro-Chancellor and Dr. Surender Singh, Vice-Chancellor.



Office entrance



working area Office-



TARGETS

Infrastructure Development: Develop quality, reliable, sustainable, and resilient infrastructure, including transportation, water and sanitation, energy, and information and communication technology (ICT). The goal is to enhance access to basic services and improve connectivity within and between regions.

Sustainable Industrialization: Promote inclusive and sustainable industrialization by increasing the share of industry in employment and gross domestic product (GDP) in line with national circumstances, and ensure higher value addition in manufacturing and other sectors.

Innovation and Research: Increase access to financial services, research, and technological resources, and support innovation and entrepreneurship to drive sustainable industrial development.

Resource Efficiency: Upgrade infrastructure and retrofit industries to make them more resource-efficient and environmentally friendly, with a focus on sustainable practices and technologies.

Technological Capacity-Building: Enhance scientific research and technological capabilities of all countries, particularly developing countries, to foster innovation and boost industrial productivity.

Access to Information and Communication Technology (ICT): Increase access to ICT, especially in developing countries, to promote digital literacy, connectivity, and access to information and communication networks.

SDG 9 recognizes that investment in infrastructure, sustainable industrialization, and innovation are critical drivers of economic growth, job creation, and poverty reduction. By promoting inclusive and sustainable

industrial practices, countries can also advance social and environmental sustainability while leveraging the potential of technology and innovation to find solutions to global challenges.

Achieving SDG 9 requires partnerships between governments, the private sector, civil society, and international organizations. Together, they can invest in infrastructure, research, and innovation, while ensuring that these developments benefit all segments of society, including marginalized and vulnerable populations.

This goal aligns closely with other SDGs, as resilient infrastructure and sustainable industrialization are essential enablers for achieving many of the other development objectives, such as eradicating poverty, providing access to clean energy and water, and fostering sustainable cities and communities.

OUR CONTRIBUTIONS TO INFRASTRUCTURE:

Outstanding infrastructure built in the serene campus with the extent of about 6.2 acres dedicated exclusively for the Pharmacy discipline makes the teaching-learning process a pleasurable experience. The entire campus including the residential facilities is Wi-Fi enabled with uninterrupted power and water supply. 24x7 functioning state-of-the-art laboratories facilitate quality research in pharmaceutical sciences and practice. To mention a few

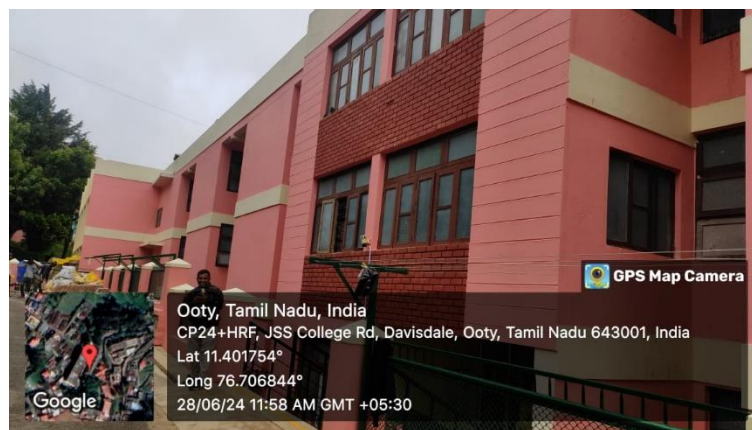
- Pilot plant for the manufacture and quality control of solid dosage forms
- Laboratories for
 - Design and development of advanced drug delivery systems
 - Computer Aided Drug Design (CADD)
 - Herbal formulation and development
 - Plant tissue culture
 - Pharmaceutical characterization, analytical/bioanalytical techniques using LC-MS-MS, LC-MS, HPLC, HPTLC, FTIR, AAS, Cyclograph
 - Pre-clinical studies with CPCSEA-approved animal house, equipped with iBox Scientia small animal imaging system
- Pharmaceutical microbiology, biotechnology and genomics equipped with RT-PCRPhoenix Winnonlin software for data analysis of PK-PD, IVIVC, BA/BE studies
- Drug and Poison Information Centre

The other facilities include

- Smart/ICT enabled class rooms
- Simulation Labs
- Model Pharmacy

- Library with more than 10,000 print and digital resources
- About 100 national and international journals subscribed in print and hundreds of e-journals through 'Clinicalkey' database managed by Elsevier
- Residential facilities on campus for about 600 students and 30 staff members
- Indoor/outdoor sports facilities
- Multipurpose auditorium
- Health Centre and Pharmacy in the campus

Infrastructure of Campus



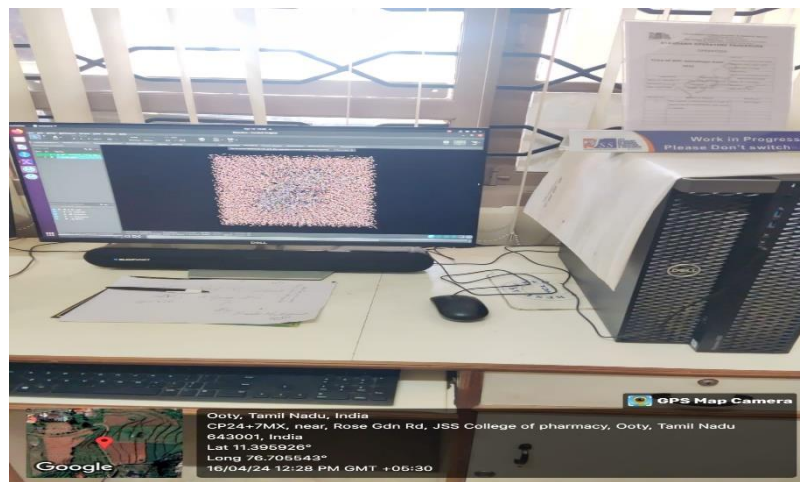


Smart Classrooms





Workstation for Drug Design



Guest Speaker at Karnataka Tribal Research Institute, Mysuru



Ministry of Tribal Affairs, Govt of India, New Delhi, Tribal Welfare Department, Govt of Karnataka, Bengaluru, Karnataka Tribal Research Institute Mysuru jointly organized “Health Care Issue and Practices-One-day Awareness Workshop for Taluk Level Officers of Scheduled Tribal Welfare Department, Wardens and Teachers of Ashrama Schools” on 09.10.2023

With immense pleasure, I would like to inform you that Dr. Prashant SN, HOD, Dept of Pediatrics, and Dr. Indira MD and Dr. Girish MS, Dept of Paediatric and Preventive Dentistry, JSS Dental College and Hospital were invited as Guest Speaker for this workshop

Dr. Prashant SN addressed the delegates on the topic titled "Awareness On Sickle Cell Anaemia and Thalassaemia and Role Of Nutrition and Hygiene in the Growth and Development Of Child"

Dr. Indira MD addressed the delegates on the topic titled “ Oral Health Among School Children – An Insight”

Dr Girish MS addressed the delegates on the topic titled "Emergency Management of Injured Teeth at Schools" More than 200 delegates were present for the workshop and the program was highly appreciated.

Guest Lecture at 49th Karnataka State Dental Conference



Dr. Meenakshi S, Assistant Professor, Department of prosthodontics, delivered a keynote lecture on Ergodontics-Evidence based dental ergonomic education into dental practice at the prestigious 49th Karnataka state and 8th Interstate Dental Conference, Mangalore, hosted by the MCODS between the 14th and December 2023.

The lecture focused on the pace of exciting progress made in Ergonomic research which was evidence based and can be hastened by the active involvement of clinicians and research scholars in dentistry. we can foresee a closer future relationship not only between dental research and dental education but also between dentistry and its allied disciplines thus striving for collaborative research was highlighted.



Dr. Meenakshi S, Assistant Professor, Department of prosthodontics, delivered a keynote lecture on Unlocking the potential of Dental Ergonomics at the prestigious 54th KERALA STATE DENTAL CONFERENCE 2024, On 5,6,7 January 2024 at Saptha Resort & Spa, Wayanad hosted by the IDA Wayanad

The talk concentrated on the rapid advancement of evidence-based ergonomic research, which can be accelerated by the active participation of dental researchers and practitioners. To emphasize the need for collaborative research, we can anticipate a closer future interaction between dental research and education as well as between dentistry and its related fields. A questionnaire survey was also conducted as part of the presentation to know the awareness among General Dental Practitioners, Students and Specialists. Was also actively involved in Chairing session for Keynote presentations and student scientific presentations.



Dr. Meenakshi S, Assistant Professor, Department of prosthodontics, delivered a keynote lecture on Research (interprofessional) translating to clinical practice at the prestigious 10th Annual Conference of Indian Prosthodontic Society Karnataka State Branch hosted by JSS Dental College and Hospital, JSSAHER, between the 3rd and 4th May 2024.

The lecture focused on the pace of exciting progress made in oral research which can be hastened by the active involvement of clinicians and research scholars in dentistry. we can foresee a closer future relationship not only between dental research and dental education but also between dentistry and its allied disciplines thus striving for collaborative research was highlighted.

She was also awarded the prestigious Prosthodontic Maestro Award recognizing her exemplary achievements in the field of Prosthodontics.

Guest Lecture on “Patenting Medical Inventions: Protection of Intellectual Property Rights in Biotechnology Research and Innovation – 24-07-2023
By School of Public Health

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

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

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



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

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

Dr. B Kumar took the stage to conclude the session with valuable insights into the role of IPR in higher education institutions. Dr. Kumar encouraged the participants to consider IPR as a crucial tool in promoting and protecting their research and innovations. The IPR awareness program at JSS Medical College turned out to be an enriching and enlightening event for all the attendees. The combined efforts of the guest speakers ensured that the participants gained a deeper understanding and significance of IPR in the academic and research realms.



Guest Lecture

Sl. No.	Date	Title of the Guest lecture	Speaker (with complete Address)	Class from which students attended	Remarks by coordinator	Number of students attended
1.	24-07-2023	Drug Discovery Case study-I	Prof. Rajshekar Karpoomath, UKZN – University of KwaZulu-Natal, Durban South Africa	Research Scholars, M.Pharm Students	Conducted as per the schedule	30
2.	25-07-2023	Drug Discovery Case study-II	Prof. Rajshekar Karpoom , UKZN – University of KwaZulu-Natal, Durban, South Africa	Research Scholars, M.Pharm Students	Conducted as per the schedule	30
3.	24-08-2023	Analytical Strategies for Detection of Nitrosamine Impurities and NDSRI's	Dr. Hiriyan S Ganesh Bhat , General Manager and Head of Central Analytical Lab at Micro Labs Ltd, Bommasandra Industrial Area, Bengaluru	Research Scholars, M.Pharm Students	Conducted as per the schedule	50
4.	26-08-2023	Clinical Data Management in Clinical Trials	Dr. Ullas Arabhavi, Head of Data Management, George Clinical, Bangaluru	Research Scholars, M.Pharm Students, Pharm.D Students (V and VI Year)	Conducted as per the schedule	75
5.	27-09-2023	Never too early & never too late	Dr. Prathibha Pereira Professor & Head, Department of Geriatrics	Research Scholars, M.Pharm Students, Pharm.D Students (I	Conducted as per the schedule	150

			JSS Hospital, Mysuru	- IV Year), Pharm.D Students (V and VI Year)		
6.	27- 09- 2023	Dementia: Approach by Clinicians & Clinical Pharmacist Point of View, Need of Team Approach	Dr. Shasthara Paneyala Assistant Professor Dept. of Neurology, JSS Hospital, Mysuru	Research Scholars, M.Pharm Students, Pharm.D Students (I - IV Year), Pharm.D Students (V and VI Year)	Conducted as per the schedule	116
7.	07- 10- 2023	Blood Cancer And Need for Life Savers	Dr. Kruthika Ramesh Associate professor Banglore medical services trust	Research Scholars, M.Pharm Students, Pharm.D Students (V and VI Year), B.Pharm Students	Conducted as per the schedule	85
8.						
9.	01- 12- 2023	HIV awareness	Dr Rajendra Prasad, Assistant Professor, JSS Medical College &Hospital, Mysuru	Research Scholars, M.Pharm Students, Pharm.D Students (I - IV Year), Pharm.D Students (V and VI Year), B.Pharm Students,	Conducted as per the schedule	200

				D.Pharm Students		
10.	21-12-2023	AI powered Clinical Documentation	Dr. Bhanu Prathap, CEO, Tychee Innovations Pvt. Ltd, USA	Pharm.D Students (V and VI Year)	Conducted as per the schedule	35
11.	01-12-2023	awareness about the HIV/AIDS pandemic	Dr. Rajendra Prasad, Assistant Professor, JSS Hospital and Medical College, Mysuru	M.Pharm Students, Pharm.D Students (I - IV Year), Pharm.D Students (V and VI Year)	Conducted as per the schedule	75
12.	21-12-2023	Inclusive Education	Tara Buchanan, University of Memphis, USA	M.Pharm Students, Pharm.D Students (V and VI Year)	Conducted as per the schedule	50
13.	24-01-2024	Prospects of higher education for students of Pharmacy Practice in United States	Dr. Gauri Rao, Director, Center for Quantitative Drug and Disease Modeling (QDDM), University of Southern California (USC) Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences	Research Scholars, M.Pharm Students, Pharm.D Students (V and VI Year)	Conducted as per the schedule	40
14.	21-12-2023	AI Powered Clinical Documentation	Dr. Bhanu Prathap, Tychee Innovations Pvt Ltd. USA	M.Pharm Students, Pharm.D Students (V and VI Year)	Conducted as per the schedule	50

15.	21-12-2023	Inclusive education & social justice	Dr. Tara Buchanan, University of Memphis, USA	M.Pharm Students, Pharm.D Students (V and VI Year)	Conducted as per the schedule	45
16.	21-12-2023	My experiences in building bulk drug industry during COVID	Mr. Naveen Manne, CEO, Vertus Pharmaceuticals, Vishakhapatnam, Andhra Pradesh.	M.Pharm Students	Conducted as per the schedule	50
17.	23-02-2024	Computer Aided Drug Design	Dr. Saravanan, School of Life Sciences, JSS AHER	Research Scholars, M.Pharm Students	Conducted as per the schedule	40
18.	22-03-2024	Evidence-Based Nutrition	Dr. James Griffith, Senior Vice President of International and Scientific Affairs, Council of Responsible Nutrition, USA	Research Scholars, M.Pharm Students	Conducted as per the schedule	55
19.	18-05-2024	Tips for Formulating Research Methodology for Measurable Outcome	Dr. Fatima Sanjeri Dasankoppa, Professor Dept of Pharmaceutics KLE college of Pharmacy, Karnataka	M.Pharm Students	Conducted as per the schedule	30
20.	15-05-2024	Importance of cGMP & Creating Quality Culture Right from Academia.	Dr. Girish Pai K, Associate Professor and Coordinator-Centre for cGMP, Manipal College of Pharmaceutical Science, MAHE, Manipal,	Research Scholars, M.Pharm Students	Conducted as per the schedule	40

21.	11-06-2024	Introduction to NMR: 1D & 2D	Dr Derek Ong Yiren, Application Specialist-NMR , Jeol Asia PTE. Ltd, Singapore	Research Scholars, M.Pharm Students	Conducted as per the schedule	50
22.	28-06-2024	Green Synthetic Transformation	Dr. T. S. Swaroop, Assistant Professor, University of Mysore, Mysore	Research Scholars, M.Pharm Students	Conducted as per the schedule	30
23.	28-05-2024	Green synthetic Transformation	Dr. T R Swaroop, Assistant Professor, University of Mysore, Mysore	Research Scholars, M.Pharm Students	Conducted as per the schedule	30
24.	18-05-2024	Ensuring Excellence: Quality Assurance Practices in API Production	Mr. B.R. Vedavyasachar, Quality Advisor at M/S Symbio Generics Ltd.	M.Pharm Students	Conducted as per the schedule	30
25.	22-06-2024	Medical Writing	Mr. John Nathala, Associate, Medical Writing, Indegene, Bangalore	Research Scholars, M.Pharm Students	Conducted as per the schedule	26

Conferences

Asian Conference on Pharmacoepidemiology (ACPE): The 15th Asian Conference on Pharmacoepidemiology was jointly hosted by the International Society of Pharmacoepidemiology (ISPE), JSS College of Pharmacy, Mysore JSS Academy of Higher Education & Research (JSS AHER), and the Indian Association of Colleges of Pharmacy (IACP). The conference was held at the Sheraton Grand Bangalore Hotel at Brigade Gateway, Rajajinagar, Bangalore between Oct 26-28, 2023. About 416 participants from 16 countries attended the conference. The conference was inaugurated by Dr. P K Pradhan. The conference had concurrent 3 parallel sessions with speakers like Dr. Krishna Ella, Dr. Rajiv Singh Raghuvanshi, Dr. Nilima Kshirsagar and others. The conference had 6 concurrent symposia and there were 105 posters presented



Aushad Vigyan Student Scientific Conference (AVISCON) 2024

The Pharmacy Students Research Forum (PSRF) of JSS College of Pharmacy, Mysuru, hosted the Aushad Vigyan Student Scientific Conference (AVISCON) from February 29 to March 2, 2024, at Sri Rajendra Auditorium. This national conference aimed to ignite research passion among budding pharmacists, fostering knowledge exchange and skill development through industry

insights, interactive sessions, and research opportunities. The event began with eight pre-conference workshops, attended by 211 delegates and facilitated by 25 resource persons. The formal inauguration on March 1, led by Dr. Manjunatha B and other dignitaries, was followed by scientific sessions and presentations. A total of 260 papers were presented in spotlight, podium, and poster formats. On March 2, additional scientific sessions and a panel discussion on GPAT and NIPER entrance tests took place. The conference concluded with 627 delegates in attendance.



Meeting with USFDA

A delegation from JSSAHER (Dr. Vishal Kumar Gupta, Dean Academics, JSSAHER, Dr. K Bangarurajan and Dr. V Balamuralidhara, Dept of Pharmaceutics, JSSCPM) called upon Dr. Sarah McMullen, Country Director- INO, USFDA, New Delhi on 10th January 2024 and discussed about the possible collaboration.



Delegation from University of Southern California, USA

Delegation from University of Southern California, USA (Dr Papadopoulos, Dean, USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences and Dr Gauri Rao, Director, Center for Quantitative Drug and Disease Modeling (QDDM), USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences) visited JSSAHER, JSS Hospital and JSS College of Pharmacy, Mysuru on 19th January 2024. Expected outcomes of the visit are: Joint publications, projects for NIH and other funding agencies, student and staff exchange program for more than 3 months and MoU signing.



Continuous Professional Development (CPD):

Program Department of Pharmacy Practice conducted a Continuing Professional Development (CPD) program on Medication adherence' for Practicing Community Pharmacists on 16th December 2023.



GRA program at Biocon Academy, Bangalore.

The 3rd batch of the Global Regulatory Affairs (GRA) program, offered jointly by Biocon Academy, Bengaluru, in association with JSS Academy of Higher Education and Research (JSSAHER), Mysuru, took place from **February 12th to June 7th, 2024**. The 16-week program concluded with 5 days of hands-on training (June 3rd to 7th, 2024) at the JSSCP Mysuru campus. During this training, the 19 batch students received instruction on eCTD compilation and submission, electronic submissions through employee shadowing, completion of 356h forms, navigation of the CDSCO SUGAM portal, and training on pharmacovigilance and clinical trial activities.



One-Day Symposium on “GMP Compliances and Export/Import Opportunities – Regulator’s View

A one-day symposium on “GMP Compliances and export/import opportunities – Regulator’s View” was held on **6th April 2024** by the Centre of Excellence in Regulatory Affairs at JSS College of Pharmacy, Mysuru. The symposium deliberated on GMP Compliances and Challenges – International Opportunities, Revised Schedule M requirements, Export/ Import regulations and bottlenecks, Port office requirements for Export/ Import, Panel discussion on “Issues in compliance with GMP by SMEs”, and Panel Discussion on “Import and Export of Pharmaceutical products- Opportunities and Challenges”. 12 CDSCO and state regulatory officers participated in the symposium and delivered expert lectures. Two hundred forty-three delegates [industry and academia] participated in the symposium.



Providing training to Govt Ayurveda College students

Postgraduate students of Govt. Ayurvedic Medical College & Hospital, Mysuru, visited our college to learn about the research facilities of our college on 5th Feb 2024. The Department of Pharmacology coordinated the visit.



NAM S & T– JSSAHER, Mysuru India Fellowship Program 2024

Ms Gavini Dilkhushi Liyanaarachchi, Research Scientist, Industrial Technology Institute (ITI), Ministry of industries, Sri Lanka, participated in a six-week research program at JSSAHER, Mysuru, India, from 15th April to 24th May 2024 as part of the Joint NAM S & T Centre Fellowship Program 2024.



Student Exchange Program from South Kazakhstan Medical Academy

The Scientific Internship Program schedule for PhD students Shoinbayeva Guldana Bolatovna and Sabina Seidaliyeva from the South Kazakhstan Medical Academy was from 1st to 31st May 2024. During this time, they visited Sami-Sabinsa Labs and Strides in Bangalore. Their internship program was coordinated by Dr. Dithu T and Dr. Prabitha.



Ethiopian Food and Drug Authority [EFDA] Officered Training at JSS AHER

The Ethiopian Food and Drug Authority (EFDA) officers underwent training on "Pharmaceutical and Vaccine Manufacturing" from 3rd to 11th June 2024, at the Centre of Excellence in Regulatory Sciences at JSS College of Pharmacy, Mysuru, in association with the School of Life Sciences,

JSS AHER, Mysuru. The training involved Mr. Dibaba Dejene Daba, Mr. Mola Teferi Mantegaftot, and Mr. Engida Samuel Marie from Ethiopia. During the training, more than 12 subject matter experts shared their experiences on vaccine manufacturing, advancements in bacterial and viral vaccines, equipment/processes, and GMP concerns related to technology transfer in viral vaccines. They also visited two vaccine manufacturing facilities to enhance their learning: the Institute of Animal Health and Veterinary Biologicals in Bengaluru and the Pasteur Institute of India in Coonoor.



LaTrobe University Technology Grand Challenge award

LaTrobe University, Australia has awarded AUD 750 to the finalists of the Technology Grand Challenge. Team Bheeshma, under the guidance of Dr Sri Harsha Chalasani, has won AUD 750 to build the prototype of Bed-Sores Bed.





Outbound Student Exchange Program: 12th to 23rd February 2024 at Cyberjaya University, Kuala Lumpur, Malaysia.

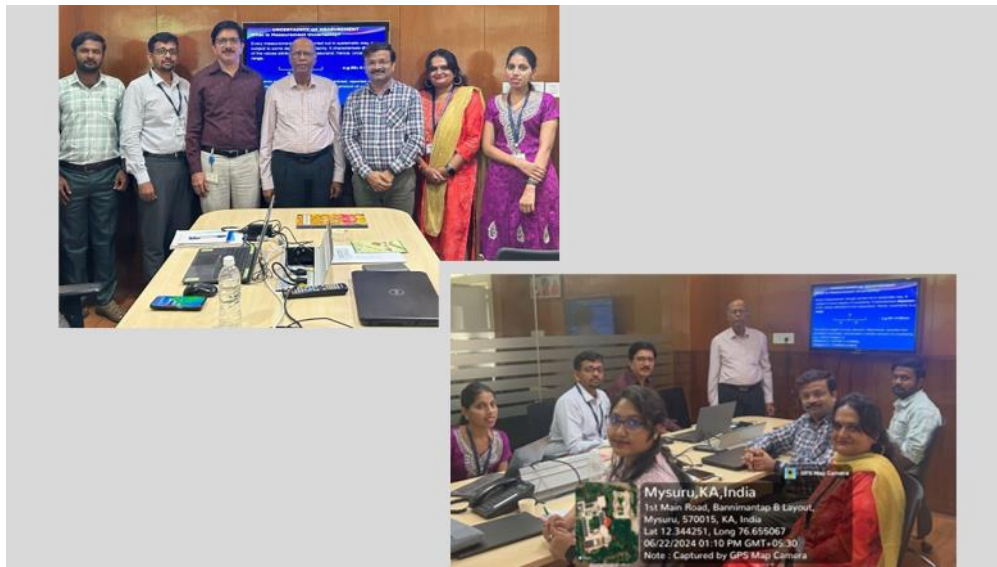
Outbound Student Exchange Program at Cyberjaya University in Kuala Lumpur, Malaysia, from February 12th to 23rd, 2024, organized for 10 final-year B. Pharm students headed by a faculty Mr. I. A Chetan from JSS College of Pharmacy, Mysuru. The program included academic sessions on various pharmaceutical topics, cultural exchanges, industry talks, and visits to local destinations. The participants gained diverse academic perspectives, cultural immersion, and networking opportunities. Plans involve inviting UoC students for inbound exchanges, research collaborations, guest lectures, new programs, and bridge courses.

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NABL Training for DTL staff: Dr Kishore Shenoy, NABL Consultant, conducted NABL training on **22 June 2024** to continue the NABL Accreditation for Drug Testing Laboratory. Dr R S Chandan and Dr Hemanth Kumar S, along with other DTL employees, participated in the training.



Awareness & Sensitization Program on ‘Importance of Reporting of Adverse Drug Reaction’ In Community Settings

As a part of celebration of ‘National Pharmacovigilance Week 2023’, 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 in association with NSS Unit JSS College of Pharmacy conducted an Sensitisation & Awareness Program on ‘Importance of Reporting of Adverse Drug Reaction’ on 20th September 2023. for the benefit of Community Pharmacists and Consumers / Public of Mysuru city.

