

JSS Academy of Higher Education & Research JSS Dental College & Hospital

ISO 9001:2015 Certified, Accredited "A+" Grade by NAAC
 JSS Medical Institution Campus, S.S. Nagar, Mysuru - 570015



COMPENDIUM OF ACTIVITIES IN ACHIEVING SUSTAINABLE DEVELOPMENT GOALS 2022

<p>NAAC NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL OF INDIA</p> <p>A+</p>	<p>nirf NATIONAL INSTITUTIONAL RANKING FRAMEWORK</p> <p>34th (University Category)</p>	<p>QS WORLD UNIVERSITY RANKINGS</p> <p>261- 270</p>	<p>QS WORLD UNIVERSITY RANKINGS BY SUBJECT 2021</p> <p>(Pharmacy & Pharmaceutical)</p> <p>201- 250</p> <p>Top 5 in INDIA</p>	<p>QS I-GAUGE</p> <p>QS I-GAUGE Diamond rated</p> <p>★★★★★</p> <p>5 stars for Excellence</p>	<p>THE WORLD UNIVERSITY RANKINGS 2022</p> <p>Subject Ranking Clinical & Health</p> <p>351- 400 93</p> <p>in INDIA 1st in INDIA</p>	<p>THE YOUNG UNIVERSITY IN THE WORLD</p> <p>Young University in the World</p> <p>70</p> <p>1st in INDIA</p>	<p>THE</p> <p>Impact Ranking</p> <p>SDG 3 - Good Health & Well-being</p> <p>101-200</p> <p>2nd in INDIA</p>	<p>ACCRI ACCREDITATION COUNCIL FOR PHARMACY EDUCATION</p> <p>1st in the Asia Pacific</p>	<p>ARIA</p> <p>2022 Band "Excellent"</p>
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Vision

To be a Leader in Education, Training in Dental Sciences, Fostering Professionals recognized for their Excellence & Patient Care.

Mission

- To impart quality Dental Education and develop exemplary oral health care professionals.
- To nurture Research that contributed towards advancement of knowledge and innovation in Dental Sciences.
- To provide comprehensive oral health care that contributes to the well-being of the society with an emphasis on underserved population.
- To foster lifelong learning that supports professionals to keep pace with advances in Dental Sciences.

Our Visionary Leaders



H.H. Jagadguru Sri Shivarathri Deshikendra Mahaswamiji
Jagadguru Sri Veerasimhasana Mahasasmsthana Math Suttur Srikshethra



Dr. C. G. Betsurmath
Executive Secretary,
JSS Mahavidyapeetha, Mysore



Dr. Suresh B
Pro Chancellor



Dr. Surinder Singh
Vice Chancellor



Dr. B. Manjunatha
Registrar



Dr. Prashanth Vishwanath
I/C Director (Research), JSS AHER



Dr. Ravindra S
Principal



Dr. Chandrashekar B.R.
Vice Principal

Message from the Principal



Seven years have passed since all 193 UN Member States approved the Sustainable Development Goals (SDGs) in 2015 as a worldwide call to action to eradicate poverty, safeguard the planet, and guarantee that all people enjoy peace and prosperity by 2030. The whole set of 17 goals and its 169 sub-goals have been woven together in such a way that their actions in one area may be predicted to have consequences in another in other places, and that development should prioritize environmental, economic, and social well-being.

Countries like India have pledged to accelerate progress with the initiative of Leave no One Behind which is a step forward in this direction. The SDGs were inspired by India's efforts to bring about several game-changing "zero," as in no poverty, no hunger, no AIDS, no gender bias, etc. The SDGs reflect national development objectives. To reach the SDGs, we must work together. Initiatives are taken by public agencies, NGOs, private businesses, and multinational corporation's government bodies, non-governmental groups, and community members.

One of the constituent institutions that make up the JSS Academy of Higher Education & Research is the JSS Dental College & Hospital. Established itself throughout time as a preeminent institution by its commitment to providing excellent dental education to students all around the nation, and quality and caring oral health care programs by fostering academic and scientific innovation studies. When it comes to helping the cosmos succeed, the Dental College and Hospital will stop at nothing. sustainable development objectives by using a holistic approach in the areas of oral health, education, and poverty reduction. Health, education, science, technology, innovation, conservation, and inclusivity. Every effort is made to coordinate the institution's initiatives and operations with the aim of the Sustainable Development Goals. Here, I have the great pleasure of showcasing the institution's work in attaining the SDGs with the help of this collection. This effort has allowed us to examine and reevaluate and dedicate ourselves to the process of nation-building.

I offer my deepest appreciation to the administration of the JSS Academy of Higher Education and Research for their unwavering assistance in all of our projects. I use this opportunity to express appreciation to everyone at JSS Dental College & Hospital, both teaching and support staff for all their cooperation in this endeavour.

Dr Ravindra S

Principal
JSS Dental College and Hospital

Message from Vice Principal

Member States of the United Nations approved the Sustainable Development Goals (SDGs), also known as the Global Goals, in 2015. This was a global action call to eradicate poverty, safeguard the environment, and guarantee that all citizens experience peace and prosperity by 2030. The SDGs have superseded the Millennium Development Goals (MDGs), which initiated a worldwide effort to combat the indignity of poverty in the year 2000. Although great progress was made in achieving the MDGs on a worldwide scale, there was a need for an integrated action that resulted in a balanced holistic development leading to social, economic, and environmental sustainability, which ultimately led to the establishment of the SDGs.



The 17 Sustainable Development Goals (SDGs) are interwoven in such a way that action in one SDG will have major positive effects on other SDGs as well, resulting in rapid development. The lofty goals of each SDG need action from all societies via effective partnerships between governments, the commercial sector, and civil society as well as people. The ultimate objective is to secure a healthier world for future generations.

Although dental health is essential to general health and well-being, there are significant disparities in oral health both within and across nations. Although oral illnesses are mainly avoidable, their worldwide burden remains unacceptably high. In addition to offering exceptional education, JSS Dental College and Hospital, under the visionary direction of the JSS Academy of Higher Education and Research, has always contributed to efforts to minimize these disparities in oral health. Our efforts to contribute holistically to SDGs are reflected in the institution's vision, mission, and strategic orientations.

I am quite appreciative of everyone who has put up their best efforts in all of our attempts, despite the difficulty of the pandemic, to contribute as little as possible to the different SDGs. Our commitment and progress in this respect are presented as a compendium that serves as a benchmark for evaluating what we have done so far and what we are expected to achieve in the future using a multidimensional, all-inclusive approach. I would like to thank the administration of the JSS Academy of Higher Education and Research for their consistent support and direction, as well as our teaching and non-teaching faculty members and students for their active participation.

Dr Chandrashekar B R

Vice Principal
JSS Dental College and Hospital

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Contents	Page Number
Goal-1: No Poverty	9
Goal-2: Zero Hunger	17
Goal-3: Good health and wellbeing	21
Goal-4: Quality Education	97
Goal-5: Gender equity	121
Goal-6: Clean water and sanitation	127
Goal-7: Affordable and Clean Energy	133
Goal-8: Decent Work and Economic Growth	137
Goal-9: Industry, Innovation and Infrastructure	201
Goal-10: Reduce inequality within and among countries	263
Goal-11: Sustainable Cities and Communities	269
Goal-12: Responsible Consumption and production	279
Goal-13: Climate Action	291
Goal-14: Life Below Water	297
Goal-15: Life on Land	299
Goal-16: Peace, Justice and Strong Institutions	301
Goal-17: Partnership for the Goals	305



NO POVERTY

END POVERTY IN ALL ITS FORMS EVERYWHERE

Introduction

Global reduction in extreme poverty was driven mainly by Asia – notably China and India. Between 2005-06 and 2015-16, the incidence of multidimensional poverty in India was almost halved, climbing down to 27.5 percent from 54.7 percent as per the 2018 global Multidimensional Poverty Index report. Within ten years, the number of poor people in India fell by more than 271 million (from 635 million to 364 million). Traditionally disadvantaged subgroups such as rural dwellers, scheduled castes and tribes, Muslims, and young children are still the poorest in 2015-16. However, the biggest reductions in multidimensional poverty have been witnessed among the poorest and traditionally disadvantaged groups – across states, castes, religions and age-groups. Multidimensional poverty among children under 10 has fallen the fastest. The Government of India has many progressive schemes, including the world’s largest employment guarantee scheme, the Mahatma Gandhi National Rural Employment Guarantee Scheme, and the National Social Assistance Programme.

Ending poverty in all its forms everywhere forms the first goal of the 2030 Sustainable Development agenda. It calls for ensuring social protection, enhancing access to basic services, and building resilience against the impacts of natural disasters which can cause severe damage to people’s resources and livelihoods. The international community agrees, through the Sustainable Development agenda for 2030, that economic growth must be inclusive, especially of the most poor and vulnerable, and aims to eradicate extreme poverty for all people everywhere in the next 15 year

Initiatives taken in this regard

JSS Dental College & Hospital is helping people from low socio economic strata by providing treatments at reduced cost. Initiatives like poor patients` fund, dantabhagya yogana, social responsibility initiatives, implementation of various government health insurance schemes and subsidized health care to the people residing in urban slums through JSS Urban Health Centre etc, are implemented by JSS Dental College & Hospital. Tertiary health care is established at

Chamarajanagara which provides treatment at subsidized rates which is definitely helping in providing quality health care to the needy poor and middle-class patients. Creating health care provision for medical and dental illnesses at Suttur and adoption of Suttur village for model health village program will enable all the people of Suttur with almost free treatment and help the people to get quality health care and additionally promotes wellness by various preventive interventions and initiatives, like training of children with special health care needs, creating awareness about oral cancer, gifting beautiful smile programme for underprivileged, serving poor children by meeting their oral health needs at JSS Free Residential school, Suttur.

International Day of Persons with Disabilities

Mysuru, Dec4: JSS Academy of Higher Education and Research, JSS Dental College and Hospital, Department of Paediatric and Preventive Dentistry in association with Sai Ranga School celebrated International Day of Persons with Disabilities through a Virtual Education on Primary Oral Health Care for Speech and Hearing Impaired Children. The program was conducted by Dr. Nandlal B., Professor and Head and Dr Raghavendra Shanbhog, Reader, Department of Paediatric and Preventive Dentistry and team through a novel sign language based primary oral health education programme developed by them. The first-year post-graduates of the aforementioned department were also in attendance. The program is a continuation of the on-going 24 years of Oral Health Care Scheme for the residents of Sai Ranga School organised under JSS Dental College and Hospital with the constant support and co-operation of Headmaster Y V Raghunatha Gowda, Sai Ranga School. Unlike previous years, an online platform was used for conducting the program, keeping all Covid Protocols and safety of the children in mind. The 108 students were given virtual demonstration of tooth brushing technique along with education on importance and maintenance of oral hygiene by the speakers with the help of sign language translation being done live at their premises by the teachers and also by pre-recorded video on the importance of oral health with sign language demonstration done remotely by the speakers. This unique model of imparting knowledge through a virtual platform proved to be effective and benefitting for all present and equally successful in motivating the children.



Oral Cancer Awareness Program

The programme was conducted by the Department of Oral Medicine and Radiology, JSS Dental College and Hospital, Mysore, jointly by Dr Karthikeya Patil and Dr Mahesh KP.

The programme started on February 5, 2022, to mark the cancer awareness program. The programme was inaugurated by Dr Karthikeya Patil by releasing the posters, which were done by post-graduates and faculties followed by an awareness talk by Dr Sanjay C J and Dr Mahesh K P. The posters are comprised of various factors like risk factors, clinical features, and ways to identify the cancerous changes. It also had various ways to improve oral health with good and balanced nutrition.

The various aspects of the ill effects of tobacco were brought to light during the month-long program.

We are happy to inform around 678 patients who were tobacco users in any form who were counselled in the Oral Medicine Department, JSS Dental College and Hospital, Mysore.

The programme concluded on March 3, 2022.



Prosthodontist Day

The Department of Prosthodontics, JSS Dental College and Hospital a constituent college of JSS Academy of Higher Education and Research, Mysuru, Karnataka in association with Indian Prosthodontic Society (IPS) initiative, celebrated Prosthodontist day. As a precautionary measure and taking into consideration the health of patients, students and staff while maintaining the COVID 19 norms, the Department of Prosthodontics decided to celebrate this day on 9th March, 2022.

The Prosthodontist Day was marked with guiding, educating and enlightening the patients towards health, diet and benefits of positive living. There was an educative talk on “Denture Cleaning, Maintenance and Hygiene” presented by Dr. Sowmya S, Lecturer, Dept. of Prosthodontics JSS Dental College and Hospital, Mysuru Karnataka.

The Department also presented twenty-five economically poor and needy patients with denture

maintenance and hygiene kit. The kits were sponsored by the Staff, Department of Prosthodontics, JSSDCH, Mysuru. The patients were chosen randomly and sponsored. The celebration was concluded with light refreshments, snacks to patients, students and staff.

On this day, the staff acknowledged, motivated and appreciated the students for participating in 24th IPS PG Convention held in Dharwad, from 4th till 6th. They appreciated the student efforts for participating in the Convention and provided the students with certificate of appreciation for securing winning places for the same. Best scientific paper presentation, 2nd place was secured by Dr Soumee Sengupta, PG batch of 2019. 2nd place in best scientific poster secured by- Dr. Umang Rai, PG 2021, Dr. Sanjam Kalra, PG batch 2020 and Dr. Peter Richard Stevenson, PG 2021.



Seminar on “Denture cleaning, maintenance and hygiene presented by Dr. Sowmya S along with Dr. Dishu, PG for general public.

Live session with patient interaction



One on one doubt session with patients



Kit Distributions



Cons Endo Day 2022



The Department of Conservative Dentistry & Endodontics, JSS Dental College & Hospital, JSS Academy of Higher Education & Research celebrated CONS ENDO DAY 2022. The Indian Association of Conservative Dentistry and Endodontics (IACDE), commemorates 5th March as the National Cons Endo Day. A week-long programme was organized by the department

under the banner of IACDE with programs covering various activities. The celebrations commenced with a screening camp organized at Government School for the Visually Impaired where Around 25 students, 10 teaching and non-teaching staff were screened by a team comprising of 10 Postgraduate students under the guidance of Dr. Annapoorna B M, Professor & Head of the Department on 17th Feb 2022. The students were educated & motivated about maintaining good oral hygiene & its importance. Subsequent restorative treatments for these screened students were carried out on 28th Feb 2022.

Following the Treatment Day, various literary & cultural events were organized for Undergraduate & Postgraduate Students and Faculty as part of Cons Endo Day 2022 Celebrations which included Essay Writing, Collage Making, Rangoli, Quiz, E-Poster & Mind Mapping. A Webinar on “Clinical tricks & tips for Thermoplasticized Obturation” by Dr. Ankush Jasrotia, Senior Endodontist practicing in Jammu & Kashmir was also organized. The Faculty & Students participated in a huge number showing their enthusiasm and zeal for excellence. Cons Endo Week Celebration concluded on 12th March 2022 with a webinar on “Inner Happiness: Professional & Personal Quest” by Dr. Kishor M, Associate Professor, Department of Psychiatry, JSS Medical College & Hospital. More than 100 students & faculty attended the webinar which was followed by a valedictory Program. Dr. Ravindra S, Principal, JSS Dental College & Hospital addressed the gathering & welcomed all the dignitaries thanking them for their gracious presence.

The Chief Guest of the event was Shri Vishnu M, IRS, Deputy Commissioner, Income Tax, Mysuru Region who inspired young minds through his address to the audience. Dr. Surinder Singh, Honourable Vice Chancellor gave the Presidential Address. He lauded the exemplary work done by the Faculty & Students of the Department during their clinical course & was elated that the Department organized the event successfully & efficiently. Dr. Chandrashekar B R, Vice Principal also graced the occasion. Dr. Annapoorna B M, HOD & Organizing Chairperson and Dr. Ashwini T S, Organizing Secretary were present during the programme. Second & Final Year UG & First year PG Toppers in the Subject of Conservative Dentistry & Endodontics were awarded certificates of appreciation for their hard work & excellence in academia by the honourable vice chancellor. The Valedictory programme concluded with the National Anthem.

Dental camp at JSS free residential School, Suttur

World Oral Health Day 2021





Department of Public Health Dentistry, JSS Dental College & Hospital, JSS Academy of Higher Education and Research, Mysuru organized WORLD ORAL HEALTH DAY 2021 with the theme BE PROUD OF YOUR MOUTH.

A screening camp was carried out at JSS Free Residential School, Suttur, on 20th March 2021. 48 school children of class 9 were screened for any oral health problems and advised and referred for dental treatments.

The participants were addressed by Dr. Chandrashekar BR regarding oral hygiene instructions, importance of oral health and significance of world oral health day.

On this occasion drawing competition was also conducted for the students with the topic importance and maintenance of oral health. Three best drawings were awarded.

Among the children who were screened three children with the best oral health were awarded. Participation certificate was given to all children who participated in the competitions. The camp was attended by Dr.Chandrashelar B R, Dr.Sunitha.S, PG student and house surgeons and final year students.

Dhantha Bhagya yojane

Contributing to the social service, our faculty and PG students visit Suttur dental unit for Prosthodontic speciality treatment regularly. Also, the department takes active part in the Karnataka Government initiative 'Dhantha bhagya' scheme and provides dentures to deserving patients.



ZERO HUNGER

END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

Introduction

Rapid economic growth and increased agricultural productivity over the past two decades has seen the proportion of undernourished people drop by almost half. Many developing countries that used to suffer from famine and hunger can now meet the nutritional needs of the most vulnerable. Central and East Asia, Latin America and the Caribbean have all made huge progress in eradicating extreme hunger.

These are all significant achievements in reaching the targets set out by the first Millennium Development Goals. Unfortunately, extreme hunger and malnutrition remain a huge barrier to development in many countries. 795 million people are estimated to be chronically undernourished as of 2014, often as a direct consequence of environmental degradation, drought and loss of biodiversity. Over 90 million children under the age of five are dangerously underweight. And one person in every four still goes hungry in Africa.

The Sustainable Development Goals aim to end all forms of hunger and malnutrition by 2030, making sure all people – especially children and the more vulnerable – have access to sufficient and nutritious food all year round. This involves promoting sustainable agricultural practices: improving the livelihoods and capacities of small scale farmers, allowing equal access to land, technology and markets. It also requires international cooperation to ensure investment in infrastructure and technology to improve agricultural productivity. Together with the other goals set out here, we can end hunger by 2030.

Zero Hunger is one of 17 Global Goals that make up the 2030 Agenda for Sustainable Development. An integrated approach is crucial for progress across the multiple goals.

What is zero hunger

The UN's definition of Zero Hunger goes beyond a single number. A more complete rundown of the second Sustainable Development Goal (SDG) is to “end hunger, achieve food security and

improved nutrition and promote sustainable agriculture.”

To measure the success of achieving this, the UN outlines five targets to indicate our progress towards Zero Hunger (more on each of these below):

1. Access to safe, nutritious, and sufficient food year-round
2. End malnutrition in all its forms
3. Increase agricultural productivity
4. Sustainable food systems and agricultural resilience
5. Diversified crops and seeds

Why zero hunger matters

Poverty and hunger go hand in hand sufficient food will develop malnutrition, causing low strength and energy leading to decrease work productivity

Hunger and Malnutrition affect physical and mental health thereby reducing the efficiency level which makes the individual more prone to diseases and thus often unable to earn more and improve their income.

During pregnancy hunger and malnutrition doesn't just affect the mother, but also the growing baby in her womb. The expenses of malnutrition may be felt over a lifetime: Adults who were stunted as children earn, on average, 22% less than those who weren't stunted. Extreme hunger and malnutrition act as barriers to sustainable development goals.

Why are so many people in the world hungry?

Almost 821 million people in the world – one in nine – do not have access to enough food.

The answer is multifactorial which includes global warming, floods, famine, locust crisis, war, population explosions, pandemics, the decline in food production, and higher food prices.

How does it matter?

A world with zero hunger can positively impact the economy, health, education, equality, and social development.

How can we prevent and manage hunger?



Its multi-dimensional approach includes Sustainable Food, Access to Credit, Food Donations, Transitioning, Rural and Urban Farming, Access to Education, Birth Control Education, Empowering Women, Government Intervention, and Social Change.

Extending hospitality is the age-old tradition of Suttur Math. The residential school at Suttur provides free food to about 4,000 children. In Yalandur taluk, about 10,000 children are offered free meals. In 20 free boarding homes run under the aegis of the Math, meals are provided for the needy.

Dasoha Bhavana

A magnificent Bhavana has been constructed at Suttur Srikshetra to provide Prasada (food) to the devotees during their visit. Inaugurated by Hon'ble Dr Manmohan Singh, the then Prime Minister of India, the Bhavan is clean, spacious, and has a well-equipped kitchen with modern appliances.



Dasoha Bhavana



GOOD HEALTH AND WELL-BEING

ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES

Introduction

Since the creation of the Millennium Development Goals there have been historic achievements in reducing child mortality, improving maternal health and fighting HIV/AIDS, Malaria and other diseases. Since 1990, there has been an over 50 percent decline in preventable child deaths globally. Maternal mortality also fell by 45 percent worldwide. New HIV/AIDS infections fell by 30 percent between 2000 and 2013, and over 6.2 million lives were saved from Malaria.

Despite this incredible progress, more than 6 million children still die before their fifth birthday every year. 16,000 children die each day from preventable diseases such as measles and tuberculosis. Every day hundreds of women die during pregnancy or from child-birth related complications, and, in developing regions, only 56% of births in rural areas are attended by skilled professionals. AIDS is now the leading cause of death among adolescents in sub-Saharan Africa, a region still severely devastated by the HIV epidemic.

These deaths can be avoided through prevention and treatment, education, immunization campaigns, and sexual and reproductive healthcare. The Sustainable Development Goals make a bold commitment to end the epidemics of AIDS, tuberculosis, malaria and other communicable diseases by 2030. The aim is to achieve universal health coverage, and provide access to safe and effective medicines and vaccines for all. Supporting research and development for vaccines is an essential part of this process as well as providing access to affordable medicines.

Promoting health and well-being is one of 17 Global Goals that make up the 2030 Agenda for Sustainable Development. An integrated approach is crucial for progress across the multiple goals.

COVID 19 Booster Dose



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

Oral Health Awareness and Screening Camps throughout the year



Scientific programs organized aligning to this goal

Research Projects aligning to this goal

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

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
4	Principal Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Raghavendra Shanbhog, JSSDCH Dr Subbarao, JSSMC Dr Mruthyunjaya, JSSCP, Mysore Dr Gowthamrajan, JSSCP, Ooty	Fennel Extract Gel for Dental Purpose- Phase-1	1.13503	Group Pharmaceuticals Ltd., Bangalore	1 Year	Sanctioned 03.01.2022	1.13503
5	Principal Investigator: Dr Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry Co-investigators Dr. Jaishankar HP, JSSDCH, Dr. Suma S, JSSDCH, Dr. Praveen Kulkarni, JSSMC, Dr. Madhu B, JSSMC, Dr. Kishor M, JSSMC	Enhancing identification and counseling skills of medical and dental undergraduate students using a customized e-learning module on Tobacco Counseling - An education innovation project using ADDIE framework.	17.94560	ICMR	3 Yrs.	Sanctioned 30.12.2021	8.79186

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
6	Principal Investigator: Dr Aruna G Lecturer Dept. of Periodontology Co-PI: Dr Chandrashekar B R, JSSDCH Dr Venkatesh M C, JSSCP Mysore	Effect of locally delivered melatonin as an adjunct to scaling and root planning in the treatment of Periodontitis with or without diabetes	7.8860	DST-SERB	1.5 Yrs.	Sanctioned 29.12.2021 CRG/2021/ 002186/29.12.2021	4.7550 (14.02.2022)
7	Dr Suman Basavaraju Reader Dept. of Periodontology	Assessing the clinical effectiveness of resolvins as a locally delivered drug as adjuncts to non-surgical periodontal debridement in patients with Periodontitis: clinical and immunological study – A randomized clinical trial	1.00	JSSAHER	2 Yrs.	Ongoing	0.50

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
8	Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	To Evaluate and correlate serum vitamin D levels and antimicrobial peptides in saliva and inverse correlation with inflammatory cytokines in dental health among patients with metabolic syndrome and healthy controls	1.00	JSSAHER	2 Yrs.	Ongoing	0.50
9	Dr Vidya C S, Prof., Dept. of Anatomy, JSSMC Co-investigators Dr Vidya G D, Reader, Dept. of Oral pathology	Digital Image Quantification of fungiform papillae and assessment of the metabalome of oral microflora to screen the plausible antagonist(s) of taste and smell receptors in COVID-19 patients	0.50	JSSAHER	1 Yr.	Ongoing	

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

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
13	Dr Priyanka Nitin Lecturer Dept. of Oral Pathology Co-investigator: Dr Vishakantesh Gowda Prof. & HOD, JSSCP, Mysore	Development and commercialization of thermo-chromic hand wash to combat the present COVID 19 pandemic.	0.50	JSSAHER	1 Yr.	Ongoing	0.25
14	Dr Vidya Priyadharshini D S Reader, Dept. of Periodontology Guide: Dr Ravindra S Prof., Dept. of Periodontology	To evaluate the effect of photo functionalization on secondary stability in short dental implants	0.50	JSSAHER	3 Yrs.	Ongoing	0.25
15	Dr Sanjay C J Reader Dept. of Oral Medicine & Radiology	Assessment of Oral Red Patch as a diagnostic marker for vitamin B12 deficiency	0.50	JSSAHER	2 Yrs.	Ongoing	0.25
16	Dr B Nandlal Professor Dept. of Paediatrics & Preventive Dentistry	3D Enhanced devices for Dental Procedures for increasing patient and dental team safety during and post COVID-19	0.30	JSSAHER	6 months	Ongoing	0.15

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
17	Dr Vinutha M Reader, Dept. of Conservative Dentistry & Endodontics	An in vitro evaluation of the apical sealing ability of Bio Root RCS with various core materials: A micro leakage study using Spectrophotometer	0.20	JSSAHER	6 months	Ongoing	0.20
18	Dr Anitha Subbappa Reader Dept. of Periodontology Co- Investigators: Dr Harsha Raj B S Lecturer Dept. of Oral & Maxillofacial Surgery	Determination of P.gingivalis and Streptococcus pyogenes incidence by RT PCR in patients with facial space infections caused by odontogenic etiology and prognosis with specific antibiotic therapy determined by antibiotic culture sensitivity	0.26	JSSAHER	2 Yrs.	Ongoing	0.13000

Faculty Submitted projects

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

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
4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for debilitated bedridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/ AGCJC0153/01/22	6 Months	Submitted May-2022	
5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022	
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022	

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
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022	
8.	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry Co-PI: Mr Jayachandran PP.	Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.	25.00	VGST	2 Yrs.	Submitted 22.02.2022	

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
9.	Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillofacial Surgery	Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.	19.58	VGST	2 Yrs.	Submitted 23.02.2022	
10.	Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Periodontology Co-PI: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Comparison of the efficacy of combination of punica granatum and citrus paradise herbal extract mouth rinse with chlorhexidine gluconate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study	1.00	ICMR	6 months	Submitted 19.02.2022	

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
11.	Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Deep learning based system for automatic cephalometric analysis (Inter-institutional research project with SJCE)	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022	

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
12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry	Core and shell type multi-functional YSZ based composite material for dental application	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022	
13.	Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022	
14.	Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy, JSSDC Prof., Aradya HV, JSSMC	Investigation of <i>Hylicobacter pylori</i> in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021	

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 Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS	Efficacy of infection responsive anti-candida thin film based zinc oxide nanomaterials in the management of denture stomatitis – a randomized controlled trial	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021	
16.	Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Prashanth Murthy Dr Deepthi Thandaveshwara, JSSMC Dr RaviShankar SN Accrete Labs Private Limited, B'lore	Assessment of effectiveness of 3D bioprinted feeding appliances on feeding practices and growth parameters in cleft lip and palate affected infants – A Randomized Controlled Trial	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021	

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
17.	Principal Investigator: Dr Anitha S Reader, Dept. of Periodontology Co-PI: Dr Ravindra S.,JSSDCH Dr Suneethshetty,JSSDCH Dr Vidyawathi Chitharagi,JSSMC Dr Prasanna H R,JSSMC Dr Tejashree A,JSSMC	Comparative Evaluation of the effects of photodynamic therapy versus diode laser on microbiota of endoperio lesions in type 2 diabetes patients	37.00	SERB Govt. of India	30 Months	Submitted 27.11.2021	
18.	Principal Investigator: Dr Parasmull J Reader Dept. of Conservative Dentistry & Endodontics	Evaluation of the remineralisation potential of four toothpastes on artificially induced carious lesion – an in vitro pilot study	1.67	Dabur India Ltd.,	1 Yr.	Submitted Sept-2021 MOU on 1.12.2021	

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

ICMR / VGST FINANCIAL ASSISTANCE FOR STUDENTS MDS DISSERTATION THESIS

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
1	Principal Investigator Dr Abhinav Kathuria PG Student Guide: Dr Shivananda S, Reader Dept of Oral & Maxillofacial Surgery	Comparative evaluation of bone and soft tissue healing around dental implants among diabetic and hypothyroidism patients – A prospective case control study	0.50	ICMR	1 yr.	Submitted July-2022	
2	Principal Investigator Dr Suman S D PG Student Dept. of Pedodontics & Preventive Dentistry	Machine learning and deep learning application of lateral cephalometric parameters of growth prediction in children: A comparative study	0.10	ISPPD	1 yr.	Submitted Jan-2022 Approval pending	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
3	Principal Investigator Ms Anusha U BDS Student Guide: Dr Usha Hegde Professor Dept. of Oral pathology	Utility of cytology in immunohistochemical analysis: A comparative assessment among oral potentially malignant disorders and normal mucosa	0.50	ICMR-STs	2 months	Sanctioned May-2022	
3A	Principal Investigator Ms Sara Sultana BDS Student Guide: Dr Sreeshyla H S Lecturer Dept. of Oral pathology	Salivary pH, flow, viscosity and lactate dehydrogenase biomarker-A comparative analysis among tobacco habitués associated with and without oral potentially malignant disorders	0.50	ICMR-STs	2 months	Sanctioned May-2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
4	Principal Investigator Ms Srushti Shivaraj Sunkad BDS student Guide: Dr Sanjay C J Reader Dept. of Oral Medicine & Radiology	Prevalence of oro-nuecosal changes in non-alcoholic fatty liver disease (NAPID) in Indian population	0.50	ICMR-STS	2 months	Submitted 21.02.2022	
5	Principal Investigator Ms Kevilenu Sekhose BDS student Guide: Dr Nitin V M Reader Dept. of Orthodontics & Dentofacial Orthopedics	Assessment of antimicrobial efficacy curcumin on the oral microbiota in orthodontic patients	0.50	ICMR-STS	2 months	Submitted 21.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
6	Principal Investigator Ms Harshita Bharat Prem BDS student Guide: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Development and evaluation of public awareness tool kit in appropriateness of FACE MASK and Covid-19 vaccine under the age of 18 years.	0.50	ICMR-STC	2 months	Submitted 19.02.2022	
7	Principal Investigator Ms Krihshnapriya Varma BDS student Guide: Dr Ravi M B Reader Dept. of Prosthodontics and Crown & Bridge	Assessment of anxiety among geriatric patients during prosthodontics treatment	0.50	ICMR-STC	2 months	Submitted 19.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
8	Principal Investigator Ms Priyanka C P BDS student Guide: Dr Manjula S Reader, Dept. of Oral & Maxillofacial Surgery	Comparative evaluation of post extraction socket healing in diabetic and non-diabetic patients a prospective study	0.50	ICMR-STS	2 months	Submitted 18.02.2022	
9	Principal Investigator Ms Shevangi Baruah Pegu BDS student Guide: Dr R Sathish Professor Dept. of Oral & Maxillofacial Surgery	Neurological consequences of oral and maxillofacial surgery	0.50	ICMR-STS	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
10	Principal Investigator Mr Adithya Mahesh BDS student Guide: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Evaluation of effect of augmented reality assisted tooth brush on the oral hygiene practices among 6-8 year old children	0.50	ICMR-STC	2 months	Sanctioned May-2022 (Submitted 18.02.2022)	
11	Principal Investigator Ms Nishika S Gowda BDS student Guide: Dr Nagabushana Daggalli Reader, Dept. of Oral Medicine & Radiology	Willems method of age estimation in mysuru population	0.50	ICMR-STC	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
12	Principal Investigator Ms Sumukhi S Rao BDS student Guide: Dr B Nandlal Professor Dept. of Pedodontics & Preventive Dentistry	Evaluating efficacy of remote site education by whats app using filmed version of brushing method in children with type 1 diabetes	0.50	ICMR-STC	2 months	Submitted 18.02.2022	
13	Principal Investigator Ms Aston Varghese BDS student Guide: Dr Maurya M Lecturer Dept. of Public Health Dentistry	Oral Health status and quality of life among middle aged male smokers and non-smokers in mysore city-A comparative study	0.50	ICMR-STC	2 months	Sanctioned May-2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
14	Principal Investigator Ms Anju Vijayan Nair BDS student Guide: Dr Aruna G Lecturer Dept. of Periodontology	Expression of autophagy-5 protein in periodontal health and disease	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
15	Principal Investigator Ms Reshmitha R BDS student Guide: Dr Sushma R Lecturer Dept. of Public Health Dentistry	Influence of personal, social, environmental factors on adolescents consuming carbonated drinks and its effect on hard tissues of oral cavity	0.50	ICMR-STs	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
16	Principal Investigator Ms Suhani Jain BDS student Guide: Dr Sowmya H K Lecturer Dept. of Conservative Dentistry & Endodontics	Comparison of dentinal tubule occlusion of an herbal and non herbal mouthwash-A scanning electron microscopic study	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
17	Principal Investigator Ms Tejaswini Agarwal BDS student Guide: Dr Talwade priyanka Lecturer Dept. of Pedodontics & Preventive Dentistry	Impact of covid-19 on healthcare profession aspirants will the virus expedite the shortage of doctors in the country-A cross sectional survey	0.50	ICMR-STs	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
18	Principal Investigator Mr Abhinav P R BDS Student Guide: Dr Mahesh K P Reader, Dept. of Oral Medicine & Radiology	A comparative study between self controlled energetic neuro adaptive regulator and commercially available similar equipment in the management of orofacial pain	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
19	Principal Investigator Ms Disha R Jain BDS student Guide: Dr Girish M S Reader, Dept. of Pedodontics & Preventive Dentistry	Knowledge about oral health status during pregnancy and awareness of infant oral health among mothers in anti natal period	0.50	ICMR-STs	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
20	Principal Investigator Ms Annmaria Reeson Guide: Dr Annapoorna B M Professor Dept. of Conservative Dentistry & Endodontics	A prospective cohort study in patients with dental lesions during different gestation period in the province of mysuru	0.50	ICMR-STS	2 months	Submitted 18.02.2022	
21	Principal Investigator Ms Dishani Halder BDS student Guide: Dr Chandrashekar B R Prof. & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing knowledge, practices on emergency management of tooth avulsion among Karnataka state road transport corporation employees in mysuru	0.50	ICMR-STS	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
22	Principal Investigator Ms Samyuka S Gowda BDS student Guide: Dr Sunitha S Reader, Dept. of Public Health Dentistry	Antimicrobial efficacy of essential oils of clove, tulsi and eucalyptus on smutans and lactobacillus in composition with 0.27 clohexidine – an in vitro experimental study	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
23	Principal Investigator Ms Akanksha Choudhary BDS student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluate and correlate the salivary vitamin D and salivary calcium and phosphorus levels in patients with dental caries in healthy male and female	0.50	ICMR-STs	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
24	Principal Investigator Ms Sreelakshmi M D BDS student Guide: Dr Shruti S Kumar Lecturer Dept. of Pedodontics & Preventive Dentistry	Estimation of salivary cortisol levels in children with mild to moderate hearing loss.	0.50	ICMR-STS	2 months	Submitted 17.02.2022	
25	Principal Investigator Ms Aiswariya P BDS student Guide: Dr Avinash B S Reader Dept. of Periodontology	Comparison of reduction of dental plaque and gingivitis with and without visual aid instructions in orthodontic cases a randomized single blind clinical study	0.50	ICMR-STS	2 months	Submitted 17.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
26	Principal Investigator Ms Lakshmeesha D BDS student Guide: Dr Shivananda S Lecturer Dept. of Pedodontics & Preventive Dentistry	Evaluation of the antibacterial efficacy of the essential oil of spilanter acmella on bacteria causing dental caries and periodontal disease – an in vitro microbiological array	0.50	ICMR-STS	2 months	Submitted 17.02.2022	
27	Principal Investigator Ms Sandra Prasad Felix Cherukodath BDS student Guide: Dr Brinda Suhas Godhi Reader Dept. of Pedodontics & Preventive Dentistry	Anti-bacterial efficacy of alpinia officinarum against oral pathogen in comparison with commercially available mouthwash-an in vitro study	0.50	ICMR-STS	2 months	Submitted 17.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
28	Principal Investigator Ms Samredhi Singh BDS student Guide: Dr Indira M D Lecturer Dept. of Pedodontics & Preventive Dentistry	Prevalence of early childhood caries among children born pre term – A cross sectional study	0.50	ICMR-STC	2 months	Submitted 17.02.2022	
29	Principal Investigator Ms Akshitha Bhatt Yogaraj BDS student Guide: Dr Parinitha M S Reader, Dept. of Conservative Dentistry & Endodontics	To compare the effect of propolis varnish and green tea varnish on treatment of dentinal hypersensitivity. An in-vitro scanning electron microscope study	0.50	ICMR-STC (2022-06373)	2 months	Sanctioned June -2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
30	Principal Investigator Ms Hima M Final BDS student Guide: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	A biomechanical reinforcement of PMMA denture based material with sericin and fibroin; A preliminary screening study	0.50	ICMR-STs	2 months	Sanctioned May -2022	
31	Principal Investigator Mr Swagatam Dhali BDS student Guide: Dr Anitha S Reader Dept. of Periodontology	Evaluation of migration inhibitory factor, (MDF) Level in gingival crevicular fluid and serum in periodontal health and disease with and without type-II diabetes	0.50	ICMR-STs	2 months	Submitted 16.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
32	Principal Investigator Mr Arjun S BDS student Guide: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge	Analysis of associatin between oral hygiene, tooth loss among Alzheimer patients using montreal cognitive assessment and lactoperrin salivary biomarkers	0.50	ICMR-STS	2 months	Submitted 16.02.2022	
33	Principal Investigator Ms. Anuharshitha Karanam Thinnapuram BDS student Guide: Dr Premalatha B R Reader, Dept. of Oral Pathology & Microbiology	Cheilosopic analysis of different ethnic population of south India –A cross sectional study	0.50	ICMR-STS	2 months	Submitted 16.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
34	Principal Investigator Ms. Pragathi M H BDS Student Guide: Dr Chandan S N Reader Dept. of Oral & Maxillofacial Surgery	Prevalence of antibiotic resistance in odontogenic space infection	0.50	ICMR-STs	2 months	Submitted 04.02.2022	
35	Principal Investigator Ms Kiruthika M IV BDS student Guide: Dr Anupama C Lecturer Dept. of Prosthodontics and Crown & Bridge	Prevalence of missing tooth and reasons for not replacing lost teeth: a cross-sectional survey among dental students and medical students	0.50	ICMR-STs	2 months	Submitted 03.02.2022	-

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
36	Dr Parvathi Sudeep PG Student Guide: Dr Paras Mull J Reader, Dept. of Conservative Dentistry & Endodontics	Apically extruded debris and canal cleanliness following retreatment of calcium silicate-based sealer and single cone obturation with XP-endo shaper and wave one gold with the without the use of supplementary instrumentation techniques: an in vitro comparative study	0.50	JSSAHER	1 Year	Submitted 08.08.2022	
37	Dr Ankita Singh PG Student Guide: Dr Sunil Tejaswi Reader, Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of microhardness and color change of root dentin using punica greanatum (Pomegranate extract), sodium hypochlorite, chlorhexidine and normal saline as an endodontic irrigant – an in vitro study	0.67	JSSAHER	2 Years	Submitted 08.08.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
38	Dr Kotha Naga Sai Maruti Venkanna Gupta PG Student Guide: Dr Annapoorna B M Prof., Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of dentine remineralization potential of different agents using QLF, SEM, DEX-An vitro study	0.88	JSSAHER	2 Years	Submitted 08.08.2022	
39	Dr Akshay G PG Student Guide: Dr Parinitha M S Prof., Dept. of Conservative Dentistry & Endodontics	Effect of herbal antiozidant on push out bond strength of resin based composite to dentin after intracoronal bleaching – an invitro study	0.60	JSSAHER	2 Years	Submitted 08.08.2022	
40	Dr Prakash P PG Student Guide: Dr Anilkumar G Prof., Dept. of Prosthodontics and Crown & Bridge	Evaluation of ultraviolet light, dentifrices and tap water brushing techniques for disinfecting removable acrylic dentures – A comparative ex-vivo study	0.47	JSSAHER	2 Years	Submitted 08.08.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
41	Dr Laura Anne Prisca Melba Albuquerque PG Student Guide: Dr Sunila B S Reader Dept. of Prosthodontics and Crown & Bridge	Efficacy of chemically and biologically synthesized zinc oxide nanoparticles incorporated in soft denture liner against candida albicans – A comparative in vitro study	0.49	JSSAHER	2 Years	Submitted 11.07.2022	
42	Dr M Anusuya PG Student Guide: Dr Ravi M B Reader Dept. of Prosthodontics and Crown & Bridge	Incorporation of naturally obtained hydroxyapatite nanoparticles in resin luting cements and GIC to evaluate water sorption and solubility – an in vitro study	0.37	JSSAHER	2 Years	Submitted 18.05.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
43	Dr Nikita Sebastian PG Student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluation and comparison of the efficiency of ultrasonically activated intracanal irrigants grape seed and pineapple extract in removing the smear layer from the apical third of the root canal: An in vitro SEM analysis	0.25	JSSAHER	2 Years	Sanctioned JSSAHER/REG/ RES/URG/54/2011- 12/2267/27.5.2022	
44	Dr Kritika Banerjee PG student Guide: Dr Sheelakumar G Prof., Dept. of Periodontology	Assessment of wound healing using MMP-8 levels in GCF of diabetics with chronic periodontitis after diode laser assisted flap surgery	0.534	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
45	Dr Mirunalini Sundaravadivelu PG student Guide: Dr Chandrashekar B R, Dept. of Public Health Dentistry	Evaluation of sealant retention and caries prevention on first and second premolars and molars among 6-14 years old children-A double blind randomized split mouth trial.	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022	0.125
46	Dr Madhushree J T PG Student Guide: Dr Deepika P C Professor, Dept. of Periodontology	Evaluation of ocimum sanctum local drug delivery as an adjunct to scaling and root planning in the treatment of chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12 / 10392/15.2.2022	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
47	Dr Priyanka Agarwal PG Student Guide: Dr Prathibha Shashikumar Reader, Dept. of Periodontology	Efficacy of Antimicrobial photodynamic therapy using indocyanine green as an adjunct to non-surgical periodontal therapy in controlled type 2 diabetes mellitus patients with chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	3 Months	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12 / 10392/15.2.2022	0.125
48	Dr Jeessica PG Student Guide: Dr B Nandlal Prof., & HOD, Dept.of Pedodontics & Preventive Dentistry	Evaluation of remineralization of demineralized dentin of primary teeth using quantitative light induced fluorescence and scanning electron microscope study: An in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011 -12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
49	Dr Harshitha N PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of vitamin D oral gel in prevention and management of radiation induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125
50	Dr Romali Panda PG Student Guide: Jaishankar H P Reader, Dept. of Oral Medicine & Radiology	Serum vitamin B12 deficiency in metformin and non metformin treated type 2 diabetes mellitus patients: A comparative study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
51	Dr Renuka Devi K R PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of zinc sulfate mouthwash in managing patients with radiotherapy induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
52	Dr Soumee Sengupta PG Student Guide: Dr Ganesh S Reader, Dept. of Prosthodontics and Crown & Bridge	Comparative evaluation of antibacterial efficacy of red diode laser and 0.2% chlorhexidine against aggregatibacter Actinomycetemcomitans present on implant abutments – an ex-vivo study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
53	Dr Bharath S PG student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Antimicrobial efficacy of essential oils of clove, neem and cinnamon on streptococcus mutans and Lactobacillus acidophilus in comparison with 0.2% chlorhexidine – An in-vitro study	0.25	JSSAHER	9 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
54	Dr Mirunalini Sundaravadevelu PG Student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing the knowledge, attitude and practices related to emergency management of dental trauma and tooth avulsion among ASHA workers in Mysuru district – An interventional study	0.20	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.10
55	Dr Shyla Dureja PG Student Guide: Dr Raghavendraswamy Prof., Dept. of Prosthodontics and Crown & Bridge	Effect of incorporation of reduced graphene oxide nanoparticles on the mechanical properties of heat cured polymethylmethacrylate denture base resin material fabricated by conventional processing method : An in-vitro study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
56	Dr Dipasha Kirthi Rao PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Assessment of orthodontic treatment needs in individuals with sleep disordered breathing	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125
57	Dr Saumya Upadhyay PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	A comparison of treatment effects produced by advansync and forsus fatigue resistant device in growing class II patients – An in vivo study	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125
58	Dr Anusha A Joshi PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Analysis and comparison of pharyngeal airway morphology and dentoskeletal changes following mandibular advancement with functional appliances in class II malocclusion with skeletal mandibular retrognathism: A CBCT study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
59	Dr Aiswarya Balakrishna PG Student Guide: Dr B Nandlal HOD, Dept. of Paediatric & Preventive Dentistry	A Comparative Assessment of the efficacy of commercially available low concentration bleaching agents using quantitative light induced fluorescence in removing stains: an in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
60	Dr Ashwini K P PG student Guide Dr Raghavendra Shanbhog Reader, Dept. of Paediatric & Preventive Dentistry	Efficacy of Self assembling peptide P 11-4 in constructing a remineralization scaffold on incipient enamel lesions on human enamel, used in combination with calcium phosphate based remineralization compounds: An in vitro study.	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
61	Dr Arundhatee Banerjee PG Student Guide: Dr Seema Deshmukh Reader, Dept. of Paediatric & Preventive Dentistry	An In Vitro comparative evaluation of the efficacy of green tea and chia seeds extract as intra canal irrigant on smear layer removal and its effect on the microhardness of root dentine.	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
62	Dr Contractor Inshiya Alazhar PG Student Guide: Dr Girish M S Reader, Dept. of Paediatric & Preventive Dentistry	An in-vitro evaluation of tooth discolouration and shear bond strength of Glass Ionomer cement bonded to tooth surface pre-treated with silver Diamine fluoride and Glutathione bio-molecule	0.25	JSSAHER	4 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
63	Dr Brindha M PG Student Guide: Dr Parasmull G Reader, Dept. of Conservative Dentistry & Endodontics	Effect of two universal bonding agents on fracture resistance, microleakage and fluoride release in class 2 MOD cavities of maxillary premolars restored with active bioactive-an in vitro comparative study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
64	Dr Raveena P John PG Student Guide: Dr Vinutha M Reader, Dept. of Conservative Dentistry & Endodontics	An in vitro comparative study of fluoride ion release from tooth coloured dental restorative materials using ion selective electrode and spectrophotometer	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
65	Dr Ashique Navas K K PG Student Guide: Dr Annapoorna B M HOD, Dept. of Conservative Dentistry & Endodontics	Comparative Evaluation of Fracture resistance of varying thickness of peri-cervical dentin (PCD) reinforced with different obturation materials-an invitro study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125

External Funded Research Projects: Submitted

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

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022	3
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022	3
8.	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry Co-PI: Mr Jayachandran PP.	Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.	25.00	VGST	2 Yrs.	Submitted 22.02.2022	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
9.	<p>Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery</p> <p>Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillofacial Surgery</p>	Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.	19.58	VGST	2 Yrs.	Submitted 23.02.2022	3
10.	<p>Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Periodontology</p> <p>Co-PI: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology</p>	Comparison of the efficacy of combination of punica granatum and citrus paradise herbal extract mouth rinse with chlorhexidine gluconate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study	1.00	ICMR	6 months	Submitted 19.02.2022	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
11.	Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Deep learning based system for automatic cephalometric analysis (Inter-institutional research project with SJCE)	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry	Core and shell type multi-functional YSZ based composite material for dental application	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022	3
13.	Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
14.	Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy, JSSDC Prof., Aradya HV, JSSMC	Investigation of <i>Hylicobacter pylori</i> in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021	3
15.	Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS	Efficacy of infection responsive anti-candida thin film based zinc oxide nanomaterials in the management of denture stomatitis – a randomized controlled trial	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
16.	Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Prashanth Murthy Dr Deepti Thandaveshwara, JSSMC Dr RaviShankar SN Accreate Labs Private Limited, B'lore	Assessment of effectiveness of 3D bioprinted feeding appliances on feeding practices and growth parameters in cleft lip and palate affected infants – A Randomized Controlled Trial	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
17.	Principal Investigator: Dr Anitha S Reader, Dept. of Periodontology Co-PI: Dr Ravindra S, JSSDCH Dr Suneethshetty, JSSDCH Dr Vidyawathi Chitharagi, JSSMC Dr Prasanna H R, JSSMC Dr Tejashree A, JSSMC	Comparative Evaluation of the effects of photodynamic therapy versus diode laser on microbiota of endoperio lesions in type 2 diabetes patients	37.00	SERB Govt. of India	30 Months	Submitted 27.11.2021	3
18.	Principal Investigator: Dr Parasmull J Reader Dept. of Conservative Dentistry & Endodontics	Evaluation of the remineralisation potential of four toothpastes on artificially induced carious lesion – an in vitro pilot study	1.67	Dabur India Ltd.,	1 Yr.	Submitted Sept-2021 MOU on 1.12.2021	3

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
19.	Principal Investigator: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Oral Candidiasis, HIV, Tuberculosis and Co-existence of the trio- A prospective clinical study to investigate the potential of oral candidiasis in HIV patients as early diagnostic indicator of tuberculosis	29.00	ICMR-ITRC	3 Yrs.	Submitted August-2021	3

Publications aligning to this goal

1. Pradeep Subbaiah, Dhakshayini M R, Raghunath N, Suma Shekar, Bhagyalakshmi Avinash, Nitin V Muralidhar - Treat all with all - A multidisciplinary approach for an unusual case scenario - Indian Journal of Public Health Research & Development - Jul-Sept 2021;12(3):581-592. ISSN: 0976-0245, National in alignment with SDG 3
2. Meghana Maruthi, Karthikeya Patil, Mahima V G, Nagabhushana Doggalli, Sanjay C J, Mahesh K P - Age estimation of adults using permanent mandibular first molars on digital panoramic radiographs - Indian Journal of Forensic Medicine & Toxicology - Jul-Sept 2021;15(3):3670-3678. ISSN: 0973-9122, National in alignment with SDG 3
3. Karthikeya Patil, Mahima V G, Poornima Chandran, Bharathi Penumatsa, Nagabhushana Doggalli, Sanjay C J - Age estimation using the radiographic visibility of the periodontal ligament in mandibular third molars in Mysore population - A retrospective study - Indian Journal of Forensic Medicine & Toxicology - Jul-Sept 2021;15(3):3269-275. ISSN: 0973-9122, National in alignment with SDG 3
4. Sanjay C J, Shilpa Padar Shastry, Karthikeya Patil, Nagabhushana Doggalli, Naveen Kumar, Swathi Sharma - Herbal therapy in oral submucous fibrosis: A short review - Indian Journal of Forensic Medicine & Toxicology - Jul-Sept 2021;15(3):509-513. ISSN: 0973-9122, National in alignment with SDG 3
5. Karthikeya Patil, Mahima V G, Poornima Chandran, Srishti Tayal, Jaishankar H P - Applications of reverse panoramic radiography for age and gender determination - A radiographic study - Indian Journal of Forensic Medicine & Toxicology - Jul-Sept 2021;15(3):262-268. ISSN: 0973-9122, National in alignment with SDG 3
6. Ranjini Chandraprakash, Ravindra Shivamurthy, Vivekananda Maranahally Rangaraju, Harsha Mysore Babu - Evaluation of Cocos nucifera and Sesamum indicum in comparison with Chlorhexidine on gingivitis - A double blind Clinico-Immunological study - International Journal of Ayurvedic Medicine - Jul-Sept 2021;12(3):618-622. ISSN: 0976-5921, National in alignment with SDG 3
7. Chandan S N - Role of face masks in the rise of mucormycosis cases in India during the COVID-19 pandemic - Journal of Global Infectious Diseases - Jul-Sept 2021;13(3):155-156. ISSN: 0974 777X, National in alignment with SDG 3
8. Sonali Saha, Ridhi Narang, Vikram Pal Aggarwal, Godhi S Brinda, Dhinsa Kavita - Comparison of self-reported empathy levels among dental undergraduate students in Northern India: A questionnaire-based cross-sectional study - Contemporary Clinical Dentistry - Jul-Sept 2021;12(3):255-258. ISSN: 0976-237X, National in alignment with SDG 3
9. Swet Nisha, Avinash Bettahalli Shivamallu, Sheela Kumar Gujjari, Pratibha Shashikumar, Nada Musharraf Ali, Madhuri Kulkarni - Efficacy of Preprocedural Boric Acid Mouthrinse in Reducing Viable Bacteria in Dental Aerosols Produced during Ultrasonic Scaling - Contemporary Clinical Dentistry - Jul-Sept 2021;12(3):283-288. ISSN: 0976-237X, National in alignment with SDG 3
10. Divya Sangeetha Rajkumar, Annapoorna Ballagere Mariswamy - Comparative evaluation of Emblica officinalis as an etchant and an MMP inhibitor with orthophosphoric acid and chlorhexidine on the microshear bond strength of composite resin: an ex vivo study - Restorative Dentistry & Endodontics - Jul-Sept 2021;46(3):e36 ISSN: 2234-7658,

International in alignment with SDG 3

11. Shivananda S, Vidya G Doddawad, Manjula S, Aruna G, M S Muni Sekhar - Solitary plasmacytoma of the oral cavity with review of literature: A case report - International Journal of Dentistry and Oral Science - Sept 2021;8(9):4337-4340. ISSN: 2377-8075, International in alignment with SDG 3
12. Seema Deshmukh, Prashanth Murthy, - Cleftovret: A novel tool for patient education - International Journal of Paediatric Dentistry - Sept 2021;31(Suppl 2):243-258. ISSN: 0960-7439, International in alignment with SDG 3
13. Indira Mysore Devraj - Trends in eruption of primary teeth in India - International Journal of Paediatric Dentistry - Sept 2021;31(Suppl 2):302-315. ISSN: 0960-7439, International in alignment with SDG 3
14. M S Girish, M D Indira - Oral myiasis a sequel of self-inflicting injury in a special care child: A case report - International Journal of Paediatric Dentistry - Sept 2021;31(Suppl 2):416. ISSN: 0960-7439, International in alignment with SDG 3
15. Maurya M, Savitha S, Sreeshyla H S, Sushma R, Usha Hegde - Mask mouth: dental glitches behind the mouth mask in the Covid-19 era - International Journal of Biology, Pharmacy and Allied Sciences - Sept 2021;10(9):650-658. ISSN: 2277-4998, International in alignment with SDG 3
16. Priyanka Nair, Huchanahalli Sheshanna Sreeshyla, Usha Hegde, Chandrakanth H V - Characterization of dentin-pulp complex in post mortem samples histological assessment in forensic investigations - South India Medicolegal Association - Sept 2021;13(2):128-132. ISSN: 0974-6196, National in alignment with SDG 3
17. Prasannasrinivas Deshpande, Karthikeya Patil, Mahima V. Guledgud, N. Mounika Prashanthi - Diagnosis of the misdiagnosed: Mucormycosis depicting periodontitis - Journal of Indian Society of Periodontology - Sept-Oct 2021;25(5):443-447. ISSN: 0972 - 124X, National in alignment with SDG 3
18. Vidya Gowdappa Doddawad, B M Gurupadayya, Shivananda S, Vidya C S, Azhar Mohammed, Bhuyan L - Determination of urinary methyl hippuric acid using shimadzu UV-Visible spectrophotometer among petroleum employees - Pharmacognosy Journal - Sept-Oct 2021;13(5):1277-1281. ISSN: 0975-3575, National in alignment with SDG 3
19. Shruti Shivakumar, Vishal Shrishail Kudagi, Priyanka Talwade - Applications of Finite Element Analysis in Dentistry: A Review - Journal of International Oral Health - Sept-Oct 2021;13(5):415-422. ISSN: 0976-7428, National in alignment with SDG 3
20. Mithilesh Narayan Mishra, Ritika Sharma, Vidyadevi Chandavarkar, B.R. Premalatha - Pathogenesis of Ewing sarcoma: Existing and emerging trends - Advances in Cancer Biology - Metastasis - Oct 2021;2():100008. ISSN: 2667-3940, International in alignment with SDG 3
21. S Meenakshi, Shyla Dureja, G C Kavitha, M Pallavi, K N Raghavendra Swamy, Aishwarya Kottur, Ramith Ramu - The gag reflex: A hurdle in dentistry - Literature review - Journal of Pharmaceutical Research International - Oct 2021;33(46B):224-237. ISSN: 2231-2919, International in alignment with SDG 3
22. Briti Singh, Seema Deshmukh - Cognitive contemporary behaviour management outline - Journal of Evolution of Medical and Dental Sciences - Oct 2021;10(40):3548-3553. ISSN: 2278-4748, National in alignment with SDG 3

23. Bhojraj Nandlal, Birti Singh, Arun Gopi - Impact on utilization and shift in treatment needs post-covid lockdown of pediatric dentistry in a tertiary care hospital - *Frontiers in Dental Medicine* - Oct 2021;2():1-8. ISSN: 2673-4915, International in alignment with SDG 3
24. R Sathish, Arya Anil - Single Dose Preoperative Intravenous Antibiotic versus 5 Days Postoperative Per Oral Antibiotic Therapy in Third Molar Surgery- A Randomised Clinical Trial - *Journal of Clinical and Diagnostic Research* - Oct 2021;15(10): ZC07-ZC12. ISSN: 2249 - 782X, National in alignment with SDG 3
25. Shreya Kedia, Brinda Suhas Godhi, Narasimha M Beeraka, Subba Rao V Madhunapantula - A comprehensive review on the analytical isolates & pharmacological usage of terminalia chebula and its clinical implications in dentistry - Recent updates - *International Journal of Recent Scientific Research* - Oct 2021;12(10):43277-43283. ISSN: 0976-3031, International in alignment with SDG 3
26. Puneet Mutneja, Anudeep R Mutneja, Mahima V G, Karthikeya Patil - Risk indicators of operculitis - *Minerva Dental and Oral Science* - Oct 2021;70(5):180-183. ISSN: 2724-6329, International in alignment with SDG 3
27. Radhika Krishnan C, Anupama Aradya, Raghavendra Swamy K N - Management Of Deaf And Mute Completely Edentulous Patient Using Various Communication Aids During Complete Denture Rehabilitation- A Review And A Case Report - *International Journal of Dentistry and Oral Science* - Oct 2021;8(10):4734-4742. ISSN: 2377-8075, International in alignment with SDG 3
28. Rashtra Bhushan, Shruti Shivakumar, Prasanth P S, Faraz Afzal T, Abdul Saheer, Thara Chandran - Assessment of the effectiveness of different fluoride-releasing bonding agents on prevention of enamel demineralization around orthodontic bracket: An in vitro study - *The Journal of Contemporary Dental Practice* - Oct 2021;22(10):1130-1134. ISSN: 1526-3711, International in alignment with SDG 3
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QUALITY EDUCATION ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL

Introduction

Quality education is the way to success and opens a universe of chances, making it workable for every one of us to add to a dynamic and sound society. Learning benefits each individual and ought to be accessible to all. We have to guarantee that all young ladies and young men complete free, evenhanded and quality essential and optional training prompting significant and compelling learning results.

Dental education forms the foundation of the professional lives of the dentists. In the context of the student, faculty and the curriculum constitute the main aspects of the dental education. The faculties both in terms of quality and number have profound impact on the outcomes of the dental education. The present dental curriculum concentrates on dental clinical relevance of basic science concepts and patient care.

All young ladies and young men ought to approach quality youth improvement, care and pre-essential training with the goal that they are prepared for essential dental education and patient satisfaction. We should give equivalent access to all ladies and men to reasonable and quality learning in all dental specialties which leads to overall professional and personal grooming. We additionally need to guarantee that all students secure the information and aptitudes expected to advance manageable turn of events. Accomplishing comprehensive and quality instruction for all, reaffirms the conviction that training is one of the most impressive and demonstrated vehicles for practical turn of events. This objective guarantees that all young ladies and young men complete essential and optional tutoring by 2030. It additionally plans to give equivalent access to moderate professional preparing, and accomplish all inclusive access to a quality advanced education.



Forensic Traumatology Certificate Course- Dr. Swathi Kumareswar

Dr. Swathi Kumareswar has successfully completed a 4-week certificate course in Forensic Traumatology, which was conducted by Toronto Forensic Institute (TFI)

Oral Hygiene Day Celebrations



Oral Hygiene Day was celebrated in the department of Periodontology on 3rd of August 2021. National Oral hygiene day is celebrated on August 1st every year to commemorate the birth anniversary of Dr. GB Shankwalkar.

He was a renowned Periodontist and the founder president of the Indian Society of Periodontology. We had online and offline programs. We had a virtual meet with Rotary -Tulir School for Autism Spectrum Disorders. An online meeting was organized with the parents and students of the above school. Simplified oral hygiene techniques were demonstrated to parents to seek cooperation of Autistic children. There was a Q and A session where the queries of parents were answered.

Offline programs consisted of Oral health education talks in Kannada to the patients and their attendants visiting the department. Workstations were set up to demonstrate brushing techniques to the public and toothpaste samples were distributed.

Lecture on Importance Of Oral Hygiene In Diabetic Patients

People with diabetes who have irregular blood glucose levels have a higher risk of tooth problems and gum disease than people without diabetes. This is because they have lowered resistance to infection and may not heal as easily.

Oral manifestations of uncontrolled diabetes can include: xerostomia; burning sensation in the mouth; impaired/delayed wound healing; increased incidence and severity of infections; secondary infection with candidiasis; parotid salivary gland enlargement; gingivitis; and/or

periodontitis.

Dr. Anitha S, Group Leader, SIG - Diabetes & Oral Care delivered a Lecture on 'Importance of Oral Hygiene in Diabetic Patients' to educate the patients visiting JSS Hospital, Mysuru

CDE Hands-On Workshop on Management of Complicated Root Canal with New Generation File

The Department of Conservative Dentistry and Endodontics conducted a Hands-on workshop on Rotary Endodontics, which is a part of the Certificate course in endodontics. A total of 21



students including interns and post-graduate students attended the hands-on, which was held on 7th August following the COVID protocol. Dr Annapoorna BM, Professor and Head, Department of Conservative Dentistry and Endodontics, welcomed the participants, Inauguration was attended by Dr. Ravindra S, Principal, and Dr. Chandrashekar B R, Vice-principal, JSS Dental College and Hospital. Dr. Vinod, a micro-endodontic

specialist was the guest speaker and mentor for the Hands-on program. The Hands-on was supported by "Mani Medical India" where the new rotary file system "Jizai" was introduced to the attendees. Dr. Paras Mull J, Reader, Department of Conservative Dentistry and Endodontics proposed the vote of thanks.

Psychiatry Elements in Diabetes



Changes in blood sugar can cause rapid changes in mood and other mental symptoms such as fatigue, trouble thinking clearly, and anxiety. Diabetes and psychiatric disorders share a bidirectional association -- both influencing each other in multiple ways. A Webinar titled 'Psychiatry Elements in Diabetes' is organized by SIG - Diabetes & Oral Care on 18th August 2021.

Oral Aspects of Diabetes - National Level E-Paper Competition



A National PG E-Paper competition was organized by SIG- Diabetes & Oral Care, JSSDCH, JSSAHER on 23-24th August 2021. The competition was inaugurated by chief Guest Dr Anirban Chatterjee, President Elect Indian Society of Periodontology (ISP) and Dr Kushalappa P A, Director (Academics), JSSAHER & Dr Ravindra S, Principal JSS Dental College & Hospital. Over 86 abstracts were received and presented in all

categories. 11 judges including Dr Nymphae Pandiit, Dr Anirban Chatterjee, Dr Vandana KI, Dr Amitha Ramesh, Dr Rajesh Kashyap, Dr Roshni Thakur, Dr Sangeetha, Dr Ashok KP, Dr Bennete Fernandes, Dr Anitha Subbappa & Dr Suneeth Shetty. Prizes were sponsored by CURADEN, Partners in the Competition.

The Valedictory Ceremony was graced by Dr Nymphae Pandit, president, Indian Society of Periodontology & Dr Sudeendra Bhat, Controller of Examinations, JSS AHER. Category: Literature Review First Prize Author: Dr. Rupanjan Roy Post Graduate Trainee, Department Of Periodontology, Manipal College Of Dental Sciences, Manipal Academy of Higher Education (MAHE) Second Prize : Dr.M.Amudha. (KSRIDSR) Guide- Dr.R.Renukadevi. Co-author- Dr.A.S.Maniyammai. Third Prize 1. DR SHRUTI SHRIVASTAVA GUIDED BY- DR LISA CHACKO SMBT DENTAL COLLEGE AND HOSPITAL 2. Dr.SHARIKA GOPINATH GUIDE : Dr. RITESH . K COLLEGE : RAJARAJESWARI DENTAL COLLEGE AND HOSPITAL, BANGALORE 3. Dr. Ritika Verma COLLEGE- Manav Rachna Dental College Category: Original Research: FIRST PRIZE Dr. Raghavendra Vamsi Anegundi Periodontology, Post Graduate Student (III MDS) College Name: AB Shetty Memorial Institute of Dental Sciences Category: Case Report - FIRST PRIZE Dr. Shipra Rai Periodontology, Post Graduate Student (III MDS) College Name: JSS Dental College & Hospital, Mysuru.

Congratulations to all the winners. We thank all the participants and acknowledge their efforts in making this competition a huge success

Oral Geriatric Gyan

The Staffs & PGs of Department of prosthodontics organised a webinar on the theme “Oral Geriatric Gyan -2021” with the objective to create insights about oral health in geriatrics patients. The webinar was coordinated by Dr.Sowmya.S, and webinar was in collaboration with Geriatric Medicine (JSSMC). There were 195 registrations for the webinar. The resource person for the webinar were Dr. Pratibha Pereira, Prof & HOD, Dept of Geriatric Medicine, JSSMC, Dr. Pampanagouda SKM, Consultant oncologist, Fortis Health care, Bangalore ,Dr.Dhakshaini M.R.,Deputy Director (Authorities), JSSAHER and Panelists were Dr. Ganesh S ,Reader, Dept of prosthodontics ,JSSDC&H.Dr. Sanjay CJ Reader, Dept of OMR, JSSDC&H and Dr. Raghavendra Swamy KN, Professor, Dept of prosthodontics ,JSSDC&H respectively. The programme started with talk by Dr Pratibha Pereira on “Geriatricians key role in oral Health” followed by welcome address from Dr.Raghavendra Swamy KN Professor & HOD,Dept of Prosthodontics,JSSDC&H in the inaugural ceremony. The chief guest for the webinar was Dr. Kushallapa PA,Director Academics and guest of honour were Dr Ravindra S, Principal and Dr Chandrashekar B R, Vice Principal, JSSDC&H. This was followed by a talk on “Tobacco: A bane for the elderly” by Dr.Pampanagouda SKM and “Geriatric Prosthodontic care: Don’t stay unaware” by Dr. Dhakshaini M.R. There was an enriched discussion after each talk followed by question & answer session and the webinar was well appreciated by the participants and the invitees.

Role of Forensic Odontology in Criminal Investigations



The faculty and PG students of the Department of Forensic Odontology organized a webinar on the 17th of September, 2021, from 3 pm to 6 pm on the topic: ' Role of Forensic Odontology in Criminal Investigations ' by keynote speaker Dr. Hemlata Pandey, Assistant Professor & Forensic Odontology Consultant at the Department of Forensic Medicine, Seth GS Medical College and

KEM Hospital, Mumbai; moderated by Dr. Swathi Kumareswar, Course - Coordinator (MSc. Forensic Odontology), Department of Forensic Odontology, JSS DCH. The event was presided over by the Chief Guest, Dr. Ashith B Acharya, Professor and Head, Department of Forensic Odontology, SDM College of Dental Sciences, Dharwad, Karnataka. The expert talk consisted of discussions of various interesting criminal cases in which Dr. Hemlata was actively involved in assisting the police in their investigations. The talk was followed by a panel discussion by the panelists, Dr. Anil Kumar G, Senior Professor in the Department of Prosthodontics and Crown and Bridge, JSS DCH; Dr. Chandrakanth H V, Professor, Department of Forensic Medicine, JSS MC; Dr. Usha Hegde, Professor, and Head, Department of Oral Pathology and Microbiology, JSS DCH. The speaker and the panelists actively engaged in answering the various questions raised by the attendees. Finally, the chief guest shared his experience in criminal investigations. There were a total of 1057 registrations composed of UG/ PG / Faculty from dental and forensic science backgrounds, private practitioners, and police personnel.

Dental Chair Innovation - Inauguration



Dept. of Dental mechatronics, under the Supervision of Mr Jayachandran, Co-ordinator in association with Spacedent Innovation, Mysuru, converted the condemned chair to electrical chair. The Hydraulic Manual Dental Chair at JSS Dental College & Hospital was upgraded to an Electrical Operated Dental Chair. The Inaugural Programme

was conducted in the Gracious Presence of the Registrar, Dr B Manjunatha, Director (Academics), Dr P A Kushalappa, Principal, Dr Ravindra S, Vice Principal, Dr Chandrashekar B R., Superintendent



Diplomate of Indian Board of Orthodontics - Dr Pradeep S

Dr Pradeep, Lecturer, Dept. of Orthodontics for being awarded with Diplomate of INDIAN BOARD OF ORTHODONTICS.

Triple O Symposium

Virtual JSS Triple O Symposium was held on 23 rd September 2021 at JSS Dental College & Hospital, a constituent college of JSS AHER, Mysuru. It was presided over by Dr. Kushalappa, Director (Academics), JSS AHER, Dr. Chandrashekar, Vice principal, JSSDC&H, Dr. Karthikeya



Patil, Dr. Sujeeth Shetty, Dr.Usha Hegde, Professor & Head, Department of Oral Medicine & Radiology, Oral & Maxillofacial Surgery and Oral Pathology respectively. The panel discussion was moderated by Dr. Narayan TV, with the panelists Dr.Shashidara, Dr. Santosh, Dr. Ramnarayan. They spoke on the mutual expectations from each department and emphasized the need for interdisciplinary approach in delivering best patient

care. It was followed by scientific paper presentations of special case reports, a unique of its kind where team of three students presented their respective speciality aspects. Dr.Radhika aptly summarized the significance of the programme and urged everyone to practice the same. About 600 delegates participated in the programme and 114 postgraduate/undergraduate students presented the cases, which were judged by 9 speciality judges. Best presentations were awarded.

Webinar On Orofacial Pain - Where Are We

WEBINAR ON OROFACIAL PAIN –WHERE ARE WE : The webinar was successfully conducted Jointly by SIG Orofacial pain and Department of Oral Medicine and Radiology. The programme was attended by 395 delegates. The programme started with introduction to the webinar



followed by lightening the lamp at 9.30 AM. Welcome address was given by Dr Karthikeya Patil, Prof and HOD, Department of Oral Medicine and Radiology, JSSDCH, Mysore. Opening remarks were given by chief guest Dr Sudendra Bhat , CEO, JSS AHER, Mysore, and vote of thanks by Dr Mahesh KP , SIG leader and Reader department of Oral Medicine and Radiology, JSSDCH, Mysore. KSDC allotted 3 points

for the programme. The following scientific deliberations were done. • Dr Mahesh KP spoke on – Diagnostic path in Orofacial pain . • Dr Jaishankar HP-TMJ disorders • Dr Prasanna S Deshpandae- Noninvasive treatment of OFP –what is inside • Dr Pratibha Matche- Interventional

management of OFP (what do you know) followed by interactions with delegates. Closing remarks was given by Dr Mahesh KP.

Orthodontist Day

Department of Orthodontics and Dentofacial Orthopaedics, JSS Dental College and Hospital, JSS AHER conducted the 56th “Orthodontist Day 2021” to Comommmurate the formation of the Indian Orthodontic Society on 5th October 1965. The Chief Guest of the Programme Dr Soumay A V, Head Dental and Oral Surgery II, CMC Vellore. She delivered a lecture on



Avenues of Superspeciality in Orthodontics. Guest of Honor was Dr S Prashanth, Deputy Director Academics, JSS AHER. He addressed the staff to celebrate their success and Delivered a road map for each for the next five years. Highlights of the programme were the Launch of “Gift a Smile 2021”, a unique department social responsibility of treating 20 underprivileged patients free of cost. Five students from JSS High

school shivarathreeswara Nagar, were the beneficiaries of this programme. There was Launch of YouTube Video of the most common wire bending exercise for undergraduates. There was a Launch of an Orthodontic Awareness Flyer in Kannada to educate the patients about the importance of Orthodontic treatment. The Best Outgoing Post Graduate and Under Graduate students were awarded certificates and cash price. Former Distinguished faculty Dr ET Roy, who served the Department of orthodontics between 1999 to 2004, was felicitated on a virtual platform. The same was viewed by many on live streaming. Principal Dr S Ravindra, and Dr N Raghunath, Head of Department, shared the dais on this eventful day.

Ethics Review of Health Research NIE ICMR Certificate Course



Dr Shivananda S successfully completed the Ethics Review of Health Research NIE ICMR Certificate Course

About the Course : ICMR-National Institute of Epidemiology (NIE) offers NIE-ICMR-WHO online course : Ethics Review of Health Research. The course is technically supported by the World Health

Organization (WHO), India. The course will provide the fundamentals of ethical issues in biomedical research involving human participants and provide updates on research ethics guidelines in India. This is a self-paced course. The participants can go through the learning materials and submit the self-assessment quiz anytime between 1 October 2021 and 31 January 2022.

JSS Smile Foundation Day Celebrations At JSS AHER



JSS SMILE – Multidisciplinary Cleft lip and Palate Clinic, JSS Dental College & Hospital, JSS Academy of Higher Education & Research organized its 10th Year Foundation Day Celebration at Gowri Shankar Auditorium, JSS DCH. As a part of the program Walkathon, fancy dress and Talent Show were organized for the children who have availed the facilities at JSS SMILE. The children also received the group oral health education training during this occasion.

Radio Sandarshana



A radio Sandarshana was done by RJ of 91.2 FM on diabetes and oral care. It was an orientation about the disease aspects, the oral changes and oral hygiene care. Facilities provided by SIG Group Diabetes and Oral Care was stressed upon with 2 wings of Diabetic clinic at the Department of Periodontology, JSSDCH and Department of Dental sciences, JSS Multispecialty Hospital, JSSAHER.

Diabetes Awareness Camp - World Diabetes Day



A Diabetes Awareness Camp was organized by the Department of Periodontology, JSSDC&H on 14th November 2021. Advertisements were given in paper and radio, calling for Diabetics to attend the oral health camp in the department. Dental checkups and Random blood sugar checks were performed. Patients attended educational talks about diabetes and oral care. Oral hygiene techniques were demonstrated and toothpaste samples were distributed.

A Glimpse on Soft Tissue Laser Webinar, Workshop & Hands-On

“Access to Diabetes care”, is the theme of World Diabetes day 2021. Oral health plays a major role in the overall management of diabetes. Hence, Department of Periodontology and SIG: Diabetes and oral care conducted a three-day program.

15/11/21, Day 1: Diabetes day camp.

Advertisements were given in paper and radio, calling for Diabetics to attend the oral health camp in the department. Dental checkups and Random blood sugar checks were performed. Patients attended educational talks about diabetes and oral care. Oral hygiene techniques were demonstrated and toothpaste samples were distributed.



16/11/2021, Day 2: Webinar on “A glimpse on soft tissue LASER” by Dr. Anand from Dentsply Sirona.

The webinar covered basics of LASER emission, safety precautions and applications in dentistry. The program was attended by Staff, Postgraduates, undergraduates and dental practitioners.

17/11/2021, Day 3: Workshop on “Soft tissue LASER application” by Dr. Anand from Dentsply Sirona.

This was a full day workshop where Periodontal surgeries using LASER were performed on patients and relayed via webcam to the participants. LASER application was practiced on vegetables and extracted teeth. Attended by teaching staff of Periodontology department, postgraduate students of Periodontology and Conservative Dentistry & Endodontics and Interns.



Free Webinar Titled Know All About BDS - Career 360 In Association With JSSDC&H

A Webinar is organized by Career 360 in association with JSS Dental College & Hospital on 20th November 2021. The Keynote Speakers are Dr Dhakshaini M R, Deputy Director (Authorities) & Dr Chandrashekar B

R, Vice Principal, JSSDC&H. This webinar would benefit all the dental undergraduate students.



CDE - Cone Beam Computed Tomography

Learning essential skills & expanding knowledge on the best dental practices with current technologies helps in improving healthcare services and meet the

needs of our patients. In this regard, we congratulate our faculty, Dr Prasanna Deshpande, Dept of Oral Medicine & Radiology for being invited to deliver a lecture on 'Cone Beam Computed Tomography' at Sharavathi Dental College & Hospital.

Faculty as Guest Speaker at PED 'O' DISHA



Guest speaker at PED 'O' DISHA - 42nd Indian Society of Pedodontics and Preventive Dentistry (Virtual) Titled: An Insight into Natural Extracts: Useful tips, Best practices and Challenges' at Institute of Dental Sciences, S'O'A (Deemed to be) University, Bhubaneswar held from 24th -27th November 2021.

Celebration of Constitution Day of India



Mass reading of the preamble to the constitution' was organized by NSS Unit, JSS Dental College and Hospital at 10.30 am on November 26th 2021, giving publicity and keeping COVID protocols in mind.

Dr Ravindra S, Principal and Dr Chandrashaker BR, Vice Principal graced this occasion by reading the preamble to the constitution for all the students and

also the web link was given for reading and to download the Certificate from Govt. of India.

CDE - Department of Prosthodontics and Crown & Bridge



Dr. Sunil, HOD, Department of Prosthodontics and Crown & Bridge, Dental College Jaipur conducted CDE programme on 26th November 2021.

International Day of Persons With Disabilities

JSS Academy of Higher Education and Research, JSS Dental College and Hospital, Department of Paediatric and Preventive Dentistry in association with Sai Ranga School celebrated International Day of Persons with Disabilities through a Virtual Education on Primary Oral Health Care for Speech and Hearing Impaired Children. The program was conducted by Dr. Nandlal B., Professor and Head and Dr. Raghavendra Shanbhog, Reader, Department of Paediatric and Preventive Dentistry and team through a novel sign language based primary oral health education programme developed by them. The first-year post-graduates of the aforementioned department were also in attendance. The program is a continuation of the ongoing 24 years of Oral Health Care Scheme for the residents of Sai Ranga School organised under JSS Dental College and Hospital with the constant support and co-operation of Headmaster Y V Raghunatha Gowda, Sai Ranga School. Unlike previous years, an online platform was used for conducting the program, keeping all Covid Protocols and safety of the children in mind. The 108 students were given virtual demonstration of tooth brushing technique along with education on importance and maintenance of oral hygiene by the speakers with the help of sign language translation being done live at their premises by the teachers and also by pre-recorded video on the importance of oral health with sign language demonstration done remotely by the speakers. This unique model of imparting knowledge through a virtual platform proved to be effective and benefitting for all present and equally successful in motivating the children.

Efficient Esthetics with Direct Posterior Composites

The Department of Conservative Dentistry and Endodontics, JSS Dental College and Hospital, recently conducted a Hybrid mode continuing dental education program on 7th December with online (virtual lecture) and Hands-on workshop (onsite) for post-graduate, Interns and faculty of JSS Dental college, following strict covid appropriate behavior. The Guest Lecture, was given by Dr. Jayshree Hegde, a specialist in Esthetic dentistry and eminent practitioner from Bangalore. The virtual event was inaugurated by Dr. Kushalappa, Director (Academics) JSS Academy of Higher Education and research, and attended by Dr. Ravindra. S, Principal, JSS Dental college and Hospital and Dr. Annapoorna B.M, Professor and Head, Department of Conservative dentistry and Endodontics. The event was supported by Ivoclar Vivadent for conducting the lecture and hands-on program.

About 100 participants including faculty, post-graduates and interns attended the virtual lecture and demo on Class II restoration. The lecture was followed by hands-on workshop for Interns and Post-graduate students.

CDE Program On Oral And Maxillofacial Pathology In Clinical Practice And Research



Dr. Shrutu Govindarajan, 2nd year MDS Student from the Department of Oral and Maxillofacial Pathology & Microbiology presented a paper, under the guidance of Dr. Usha Hegde, in the CDE program 'Oral and Maxillofacial Pathology in Clinical Practice and Research' conducted by RAMA University, Kanpur. She has secured second prize in the student category for presenting a paper titled

'Telepathology: A Boon during COVID-19 pandemic'.

Intern Orientation Program



Focusing on orienting the Graduating students in all prospects of their future Dental Education Unit, a unit of CCLPE, JSSDC&H organized 'Intern Orientation Program' on Intern orientation program was organized by Dental Education Unit on 9th of Dec 2021. The program was organized to help students regarding the various opportunities for the BDS graduates and how to prepare themselves for upcoming post graduate entrance examination. The program was virtually inaugurated by Dr Raveesha K A Professor and Head, Department of Water & Health Sciences, JSSAHER was the chief guest. Dr Ravindra S Principal JSSDCH welcomed the chief guest and the gathering. Virtual inaugural was concluded with vote of thanks by Dr Sunila Convener, Dental Education Unit.

Dr Ambikathanaya U K Member DEU moderated the sessions. Dr Chandrashekar B R Vice-Principal, Professor & Head, Dept of Public Health Dentistry, JSSDCH created an awareness regarding Roles & Responsibilities as an intern among the participants. Resource Faculties Dr Raison Thomas Director CEDEES, Professor, Dept of Periodontology, Bapuji Dental College

& Hospital gave suggestions about preparation for postgraduate entrance examinations. Dr Vaibhav kumar Assistant Professor, Dept of Public Health Dentistry, Terna Dental College, Navi Mumbai spoke about Career opportunities for a Dental graduate He also detailed on process of certification of exams for an International dental graduate at USA, Australia, Canada and UK and finally Dr Bennet Fernandes, Faculty of Dentistry, SEGI University from Malaysia encouraged students how to improve their skills and become expert in their own field.

Undergraduate Research Orientation Program



With the premise of introducing undergraduate students to the fundamentals of research, the Dental Education Unit, a unit of CCLPE, JSSDC&H had organized a virtual program titled “Undergraduate Research Orientation Program” for 2nd year students of JSSDC&H, on 10th December 2021. Dr.Ravindra S, Principal, JSSDC&H presented the welcome address and emphasized the importance of research Culture at Undergraduate education. Dr.Jayanthi MK, Prof & Head, Department of Pharmacology, JSS Medical College graced the occasion as the chief guest and briefed the students the significance of research as undergraduate students. She congratulated Dr.Sunila for taking the initiative of introducing Research Methodology Workshop at second year of dental education that can enable the students to gain insight into STS Projects and undertake short studies. Dr.Balavidyadhar, Programme officer for Public Health, Pushpagiri Vitro Retina Institute, Secunderabad detailed on all aspects of Research Methodology -Research Process, Research Question, Types of Research ,Sample size having an Interactive Hands-on Workshop while Dr.Sreeshyla, Department of Oral Pathology & Microbiology, JSSDC&H detailed on the topic of Literature review and its importance The webinar was effective in igniting the young minds by providing the essential guidelines for initiating and pursuing the research of their interest. A total of twenty six young research aspirants actively participated in the webinar. Dr.Sunila Sangappa, Convener, DEU added her expertise facilitating the program.



Faculty Invited as Guest Speaker at IDA, Mandya

Dr Brinda S Godhi, Reader, Dept of Pediatric and Preventive Dentistry was an invited Guest speaker on 14th December, 2021 at IDA, Mandya Branch.

CDE - Dental Photography & Documentation



The department of conservative dentistry and Endodontics organized a workshop on Dental Photography on 15 -16th December 2021 by none other than the maestro himself, Dr. Mayur Davda from Mumbai. There was a total of 23 participants for the Hands On workshop and 35 participants for Lecture .There were postgraduates from Orthodontics, Prosthodontics, Periodontics apart from

Conservative Dentistry.

It was a highly interactive session with participants shooting away questions and the enthusiastic speaker answering them all. We all got a glimpse into glamour photography. The workshop was very systematic with every person learning up every small details regarding the camera till photographic composition.

Launch of Spacedent Innovation



Start-up company spacedent innovation with sparkle cine in association with JSS AHER and JSSDCH. We are thankful to JSS AHER Leadership & Support for facilitating this incubation at JSSDCH.

Prosthodontics - A Galore of Opportunities - Prosthodontist Day Celebration

In order to celebrate Prosthodontist day and commemorate the Golden jubilee of the Indian Prosthodontic Society, Department of Prosthodontics JSS Dental college and Hospital in collaboration with SDM College of Dental Sciences and Karnataka prosthodontic society held a state level Essay and Poster competition for the under graduate students, the theme was 'Prosthodontics: A Galore of opportunities'.

Dr Anil Kumar Gujjari, Professor and Dr Raghavendraswamy KNHOD at JSS Dental College came up with this idea in order to increase awareness amongst the under graduate students regarding the scope of Prosthodontics.

The flyer was circulated and the last date for essay and poster submissions was originally 10/01/22 which was extended upto 14/01/22. Each candidate that submitted an essay/poster was given a registration number and no personal information was used in order to avoid bias. A total of 278 participants registered. 180 students submitted essays and poster out of which 161 were eligible for evaluation.

We categorised colleges into North south east and west of Karnataka and sent the essays and posters for evaluation. After evaluation it was decided that there were a total of 10 winners. The third place was shared by two candidates and 6 consolation prizes were given.

A zoom link was circulated and the function took place on the 22nd of January at 4 pm. In attendance were the esteemed members of the IPS, KPS, and undergraduate and postgraduate students from various colleges in Karnataka.

Dr Rangarajan, IPS President, was the chief guest for this function. IPS first vice president and KPS Secretary Dr Sunil Dhaded presided over the function and delivered the welcome note. Dr Anil Kumar gave us an insightful look into the meaning behind the theme of the event. Dr Raviraj Desai, president of KPS felicitated the evaluators and the organising committee.

Dr Jangala Hari, the IPS joint secretary and Dr Rangarajan felicitated the winners. The event ended with the vote of thanks being delivered by Dr Gauri, professor at SDM College of Dental Sciences.

Faculty as Guest Speaker

Dr. Meenakshi Iyer, BDS MDS PhD, Lecturer, Department of Prosthodontics, JSS Dental College, JSSAHER, Mysuru was invited as a guest speaker in a webinar hosted by P A College of Pharmacy, Mangalore & Society of Ethnopharmacology, Mangalore Chapter in association with Group Pharmaceuticals. Dr. Meenakshi is an effervescent learner, researcher and teacher of repute, her energetic talks inform and enlighten the audience. She delivered a talk on 'Role of Botanicals in Dental Care'

Dental Ergonomics Value Added Certificate Program - Course Completion Certificate Distribution



Course Completion Certificates were distributed to all the second year undergraduate students and first year postgraduate students. Dr. Kushalappa P A, Director (Academics) was the Chief Guest of the certificate distribution program.

Dr. Ravindra S, Principal & Dr. Raghavendraswamy K N, Professor & Head, Dept of Prosthodontics presided as the Guests of Honor. The course was initiated by Dr Meenakshi S from Dept of Prosthodontics JSSDCH. Dr. Meenakshi S gave a glimpse of what was taught as part of the certificate program & the benefits that the participants would get for having completed the participatory program.

The course had theory, case based discussion followed by participatory program by each student to enhance and reinforce the concept of dental ergonomics into their clinical practice.

CDE- Programme Dept of Orthodontics and Dentofacial Orthopaedics



Department of Orthodontics and Dentofacial Orthopaedics, JSS Dental College and Hospital, JSSAHER in association with OMRCO, organized a Guest Lecture on 14th February 2022. The Chief Guest of the Programme was Dr

Ramchandra C S, Senior Orthodontist, Key Opinion leader, OMRCO. He delivered a lecture on “Damon System” in Orthodontics, and the full-day programme was structured to include case discussion and treatment planning for various cases in the department. The lecture was attended by staff and Post-graduate students of the department of Orthodontics.

Screening and Restorative Treatment for Visually Impaired Patients



The Department of Conservative Dentistry & Endodontics organized a screening camp, on 17th of February, 2022 as part of Cons-Endo Day 2022 celebrations. The Screening Camp was organized at Government

School for Visually impaired students. Around 25 students, 10 teaching and non-teaching staff were screened by a team comprising of 10 Postgraduate students under the guidance of Dr. Annapoorna B M, Professor & Head of the Department. Among the screened students and faculties, a total of 23 people were diagnosed with dental caries of various stages, for which they require restorative treatment and 14 of the above mentioned need oral prophylaxis due to poor oral hygiene status; 01 person required extraction due to gross destruction of the tooth. Those children having dental caries were provided with restorative treatment in the Department on 28th February 2022. The camp was concluded by motivating the students regarding the importance of oral hygiene.

QLF- Inter University Student Exchange Program - SIG Dental Cariology



Quantitative light-induced fluorescence (QLF) is a new method for oral health assessment, providing additional visual information about caries and bacterial activity. This new method uses the principle of fluorescence for visual enhancement

of caries detection and bacterial activity.

Postgraduate Students from the Department of Pediatric & Preventive Dentistry, M S Ramaiah College of Dental Sciences Visited SIG Cariology - QLF Center at JSS Dental College & Hospital, Mysuru as part of Inter-University Student Exchange program organized by Special Interest Group - Cariology, JSSDC&H. The Program was facilitated by Dr. B Nandlal, Professor & Head, Dept. of Pediatric & Preventive Dentistry, JSSDC&H & Dr. Raghavendra Shanbhog.

Oral Pathology Day Celebration



Oral Pathology Day was celebrated by Department of Oral Pathology & Microbiology on 2.3.2022. Dr Abhishek Bhadranna, consultant Oral Pathologist, Adi's Dentalaya Multispecialty Dental and Oral Clinic, delivered a guest lecture

titled "Curiosity killed the cat, but will help you learn Oral Pathology" for students of 3rd BDS, Final year BDS and Interns. A host of competitions were conducted where in students participated in any one of them. The competitions held were quiz, e-poster, soap carving and H& E doodle drawing.

For the valedictory function, Dr. Vijay, Prof & Head of Department of Pathology, JSS Medical college was invited as the chief guest. She spoke about the importance of Pathology and its relevance in today's time. Dr Ravindra S, Principal of JSS Dental College felicitated the toppers

in the subject of Dental Anatomy & Oral Histology and Oral Pathology. Dr Usha Hegde, Professor & Head of Department of Oral Pathology & Microbiology delivered the vote of thanks.

World Oral Health Day 2022 - Baby Oral Health Promotion Clinic

Baby Oral Health Promotion Clinic” an extension clinic of Dept of Pediatric and Preventive Dentistry at Dept of Pediatrics, JSS Hospital, is providing preventive and interceptive oral health care for infants and young children since its inception in 2014.



On the occasion of World Oral Health Day 23-03-2022 with the theme “Be Proud of Your Mouth” an orientation and awareness program was conducted for Interns of JSS Dental College and Hospital, from Baby Oral Health Promotion Clinic.

Dr Nandlal B Professor & Head, Dept of Pediatric and Preventive Dentistry inaugurated the program and Dr Indira MD, coordinator of Baby Oral Health Promotion Clinic provided information on importance of baby oral health care and inception of Baby Oral Health Promotion Clinic to all the interns. A pre and post survey was conducted to assess the knowledge of interns on baby oral health care.

DEU-Orientation Program



An Interactive Orientation program on Manuscript Writing for scientific publication and awareness on creating Scientific IDs for Second Year MDS Students was conducted by Dental Education Unit (DEU), Unit Of CCLPE, on 31-03-2022 at

Board Room, JSS Dental College and Hospital, JSSAHER.

Dr Chandrashekar B R, Vice principal, JSSDCH and Dr Sunila B. Sangappa, Convener, Dental Education Unit, Reader, Department of Prosthodontics and Crown and Bridge JSSDCH addressed the delegates regarding the value and significance of undertaking research and its timely dissemination. Dr Sanjay C J, Member DEU coordinated the program.

Prof. Dr Darshan Devang Divakar, MDS, PhD, Faculty of Dentistry Levy Mwanawasa Medical University (LMMU), Lusaka, Zambia rendered his expertise on the art and science involved in Manuscript writing along with pointers for selecting journal and the do's and don'ts' in the process of Publishing. Dr Sanjay C J, MDS, Reader, Dept of Oral Medicine and Radiology, JSSDCH shared information regarding value of creating scientific IDs at different scientific platforms.

Disaster Victim Identification Specialist



Three PG students enrolled in the MSc Forensic Odontology program, JSS DCH, lead by their course coordinator Dr. Swathi Kumareswar have completed their training on Disaster Victim Identification Specialist organized by the Section

of Forensic Medicine, University of Turin, Italy. The duration of the training was from 1st April - 25th June, 2022 consisting of 75 hours of online tuition and hands on training at the University of Turin in Italy from 8th June to 10th June, 2022.

This training course provided the opportunity to develop knowledge and skills in the management, technical and forensic activities related to Disaster Victim Identification following mass disasters, major accidents or terrorist attack. Human identification procedures and sample collection were taught illustrating Interpol DVI guidelines and military dentistry principles of the NATO STANAG2464.

The course reached the maximum capacity of attendees, with the participation of 30 operators of various professions and nationalities, who met from the 8th to 10th June in Turin, to carry out lessons and practical exercises and hands-on sessions on cadavers, with the technical-didactic collaboration of Dr. Sven Benthous (forensic dentist, ETAF, Germany). A morgue with multiple cadavers was set at the Medicolegal Institute of the University of Turin and participants were divided into three groups and experienced all DVI phases.

In addition to the participation of many dentists, anthropologists and other health professionals, technical operators from the Police, the Carabinieri Military Police, the Italian Army, and the Voluntary Military Corps of the Italian Red Cross.

Workshop on Psychological Skills for Effective Teaching & Learning - Professional Excellence



The "Professional Excellence" Tea of JSS Dental College & Hospital organised one day Faculty Development Program cum Workshop on "Psychological Skills for Effective Teaching & Learning" on 12th April, 2022 at Sri

Gowrishankar Auditorium, JSS Dental College & Hospital, Mysore. The program was inaugurated by Dr Dhakshaini M R, Deputy Director (Authorities) who was the chief guest for the event and by Dr Vishal Kumar Gupta, Deputy Director (Academics) who was the Guest of Honour from JSS Academy of Higher Education & Research. The dignitaries congratulated and wished the program a great success and also expressed the need for more such programs. The Resource faculties for the Program were, 1) Dr Lancy D'Souza, Professor & Head, Dept

of Psychology, Maharaja's College, University of Mysore. 2) Yogatma Dr. Srihari, Entrepreneur, Yoga Guru, Social Activist, Motivational Speaker, Mentor & Influential Orator. 3) Dr Prashanth S, Deputy Director (Academics), JSS AHER 4) Dr Kishor M, Associate Professor, Dept of Psychiatry, JSS Medical College. 5) Dr Lakshmi Narayana, Assistant Director, State Ayurveda Research Center, KRS Road, Brindavan Extension.

The program was attended by 52 delegates who were faculties from JSS Dental college, JSS Medical college, JSS College of Pharmacy, Ooty, JSS HSMS, JSS FLS & JSS Ayurveda College. The Program was very interactive and the overall feedback from the participants was positive. At the end of the program participation certificates were distributed to the participants. We thank JSS AHER for the continued support and encouragement offered on us and we look forward to have more such programs in future.

Autism Awareness Program



Autism awareness on virtual mode to the teachers and parents of special school by FSCD autism board and JSSDCH on 28-04-2022

Our Planet Our Health-Sangama Program



With the blessings of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, the Department of Public Health Dentistry, JSS Dental College & Hospital, JSS Academy of Higher Education and Research, Mysuru organized "SANGAMA" concluding ceremony of WORLD ORAL

HEALTH DAY 2022 and WORLD HEALTH DAY 2022 on 30th April 2022 at Smart class, JSSDCH.

The Concluding ceremony "SANGAMA" was graced by Guest of Honour Dr. CVK Reddy, Former Vice Principal and Professor & Head Department of Public Health Dentistry and Chief Guest Dr. R Sudeendra Bhat, Controller of Examinations, JSS AHER, with Dr. Ravindra S, Principal, JSSDCH and Dr. Chandrashekar B.R, Vice principal, Professor & Head Department of Public Health Dentistry.

On the day a Webinar on this year's theme of World health day 2022 "Our planet our earth" was organized. Guest speaker Dr. Manjunath B.C, Prof and Head, Post Graduate Institute of Dental Sciences, Rohtak, highlighted the need to protect our planet from climatic crisis, inadequate sanitation, tobacco epidemic and so on.

Dr. Chandrashekar B.R gave the welcome address and Dr. Sushma.R, Lecturer, presented the report of all the activities organised by the department in view of health days of international significance. The report also highlighted on Oralhealth camps in various parts of Mysore District conducted in the month of March and April by the department faculty, PG 's & interns which comprised of a total 15 Camps, benefiting 1136 people across urban and rural areas of Mysore district.

Guest of Honour Dr. CVK Reddy addressed the gathering regarding significance of the health days and his experience about health day activities. Chief Guest Dr. R Sudeendra Bhat addressed the students on, importance of world health and oral health day and appreciated the efforts taken by the faculty of department in organizing various activities for students in this event. Prize Winners of the various competitions were awarded by the dignitaries' present. Department promo video was screened on this occasion. Dr. Thippeswamy.H.M, Reader, proposed the vote of thanks. Dr Sunitha S, Reader and Dr. Maurya. M, Lecturer coordinated the program along with all the post graduate students of the department.

Workshop on - Lasers - An Emerging Trend



The Department of Conservative Dentistry & Endodontics organized a workshop on 'Lasers- An Emerging Trend' on May 6th 2022. The Delegates were apprised of the various applications of lasers in dentistry by Dr. Praveen Arany, Assistant Professor of Oral Biology University at Buffalo School of Dental Medicine, Past-President - World & North American Association for photobiomodulation Therapy, Secretary - Wound Healing Society (WHS) & Dr. Chandrashekar Yavagal, MDS,DOrth,PhD

- India's first Laserpreneur, Internationally acclaimed Clinician, Speaker & Researcher on Lasers. Dr. Ravindra S, Principal & Dr. Chandrashekar B R, Vice Principal presided over the inaugural function as the Guests of Honour while Dr. Sachin Mangalekar, CEO Novolase Technologies, Professor and Head of Periodontics, BVP University, Sangli and Dr. Baswant Reddy, Head of Business Development, Novolase Technologies India were also present during the ceremony. The Dignitaries were greeted & welcomed by Dr. Annapoorna B M, Professor & Head, Dept. of Conservative Dentistry & Endodontics & Dr. Ashwini T S, Organizing Secretary. We had around 40 participants including private practitioners, students from Dr. B R Ambedkar Dental College & Hospital, Bengaluru. Final Year BDS Students, Interns & Postgraduate Students of the Department of Conservative Dentistry & Endodontics, JSSDC&H benefitted from the workshop. A clinical demonstration on tooth bleaching using UV Light & Laser was demonstrated by Dr. Chandrashekar Yavagal during the hands-on workshop. There was an overwhelming response from the audience.

Faculty Development Program and Workshop



Faculty Development Program and Workshop on “Orientation to OSCE and OSPE-Assessing practical and clinical skills for the teaching faculty was held on 12th and 13th May 2022 by Dental Education Unit, JSSDCH, JSSAHER. Dr. Ravindra S Principal, JSSDCH welcomed the audience .The Program was

attended by the teaching faculty of the Institution. Program was graced by Chief Guest Dr. R. Sudeendra Bhat, Controller of examinations, JSS AHER appraised the faculty regarding importance of assessment tools.

The Faculty Development Program included Keynote Lectures by eminent speakers. Dr. Vasanti Lagali Jirge, Reader ,Dept of Oral Medicine and Radiology, KLEVKIDS KAHER Belgaum spoke on learning objectives, setting administration and scoring and simulation of OSCE/OSPE.

Dr Sunila B Sangappa ,Reader , Dept of Prosthodontics and Convener Dental Education Unit, JSS Dental College and Hospital JSSAHER Mysuru delivered lecture on “Critique of current practical & clinical assessment system”.

Hands on group activity on OSCE/OSPE Station writing was conducted by Dr. Vasanti Lagali Jirge and Dr. Sunila B S. The Valedictory program was graced by Dr. Mahima V G, Deputy controller of examination, JSSAHER. Dr Chandrashekar Vice Principal graced the occasion. The faculties actively participated and were benefitted with a participation number of 70. The program was Moderated by Dr. Seema Deshmukh, member secretary, DEU and Dr. Sushma.R, Member, DEU, JSSDCH.

Workshop on Sedation in Dentistry



The Department of Pediatric & Preventive Dentistry, JSS Dental College and Hospital, Mysuru, on the 8th JUNE, Wednesday, 2022, at Sri Gowrishankara Auditorium, organized a Continuing Dental Education (CDE) program and Hands-on workshop titled ‘Sedation

in Dentistry.’ 41 delegates including the fresh post graduate students from JSS Dental College and other dental colleges from across the state attended the event.

The CDE was inaugurated by Dr. Manjunatha B, the Registrar of, JSS Academy Higher Education and Higher Research, Mysuru. The welcome address was given by Dr. Nandlal B, Professor and Head, Department of Pediatric and Preventive Dentistry, JSS Dental College and Hospital. While delivering the keynote address, Dr. Manjunatha B, Registrar, JSS Academy of Higher Education and Research, emphasized the need of holding scientific events on a regular basis to keep dental practitioners up to date on current techniques. The vote of thanks was given by Dr. Seema Deshmukh. Dr. Ravindra S., Principal, and Dr. Chandrashekar B R., Vice-Principal (Academics), JSS Dental College and Hospital, were present at the event.

Dr. Padmanabhan Yuvaraj, Director, The Dentale Academy and Reader, RVS Dental College & Hospital, Coimbatore, gave guest lectures on 'Choosing the Right Type of Sedation,' emphasizing through the refresher and update course on the importance of understanding the various levels of sedation, choosing the right type of sedation in dental practice, and selecting oral, intranasal, inhalational, and intravenous sedation in specific situations. The second session focused on 'Understanding Nitrous Oxide Inhalational Sedation,' with the resource person emphasizing parts of the nitrous oxide inhalational sedation unit, safety mechanisms built into the unit, and safe application of nitrous oxide inhalational sedation in various dental procedures, with an emphasis on pediatric applications. In the later session, he also conducted a hands-on training for the participants, where they were given the opportunity to utilize and administer nitrous oxide inhalational sedation, giving them confidence in using the device in their daily practice.

Public Awareness Talks on International TV

Public awareness talks on International TV. Teaching staff of the department of Periodontology, JSSDC&H took part in public awareness talks on various Periodontology related topics on Bangladeshi TV (Raj TV).

Mid-Year Convention, Indian Orthodontic Society, Greece



Dr. Ashwini T S, Reader in the Department of Conservative Dentistry & Endodontics, and Dr. Bhagyalakshmi Avinash, Reader in the Department of Orthodontics & Dentofacial Orthopedics, presented poster & their research findings with the fellows of Greek Orthodontic Society during the Mid-Year Convention organized by Indian Orthodontic Society held in Athens, Greece from 21st to 27th July 2022.

CDE Program on Orthodontic Management of Obstructive Sleep Apnea (Snoring)



Department of Orthodontics from JSS Dental College & Hospital conducted one day continuing Dental Education Program on 3rd August. The speaker for the program was Dr Girish PV, a well-known Dental Sleep Medicine therapist from Bangalore. The program was attended by all the staff and postgraduate students of orthodontics department of JSS Dental College & Hospital, Mysore. The speaker highlighted about the important role an orthodontist can play in the management of Obstructive Sleep Apnea (Snoring and disturbed breathing) by using simple oral devices rather than invasive surgeries.



GENDER EQUALITY

ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS

Introduction

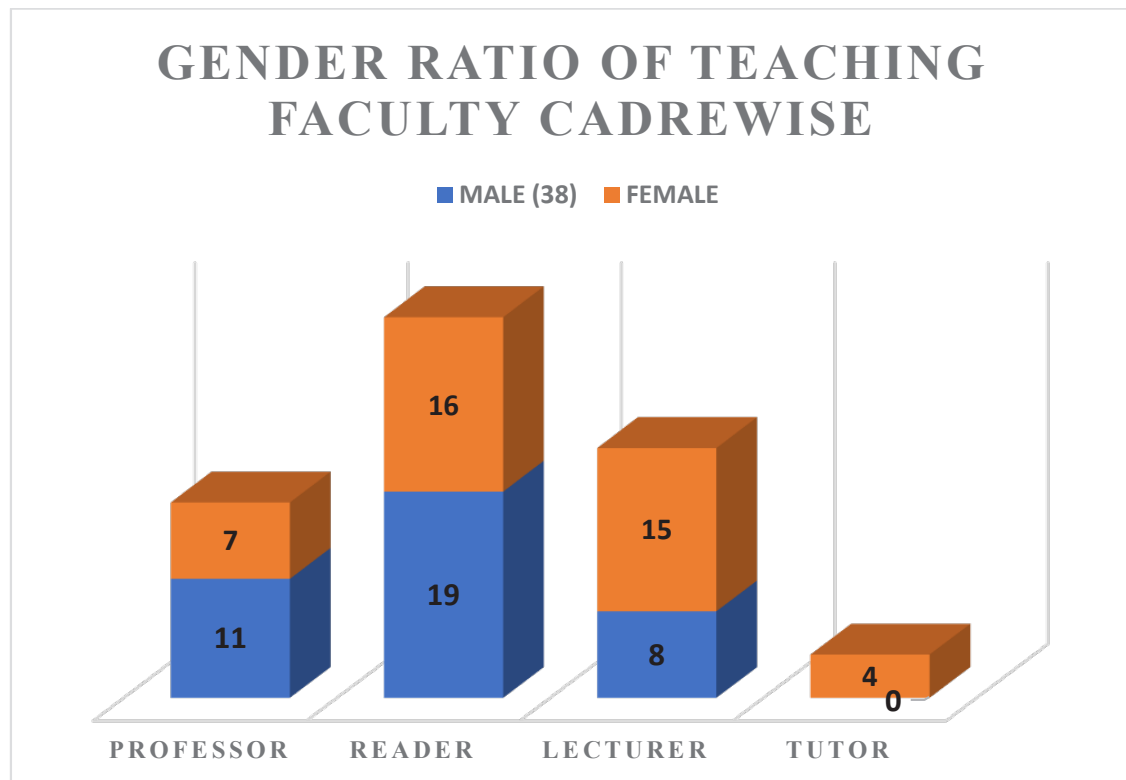
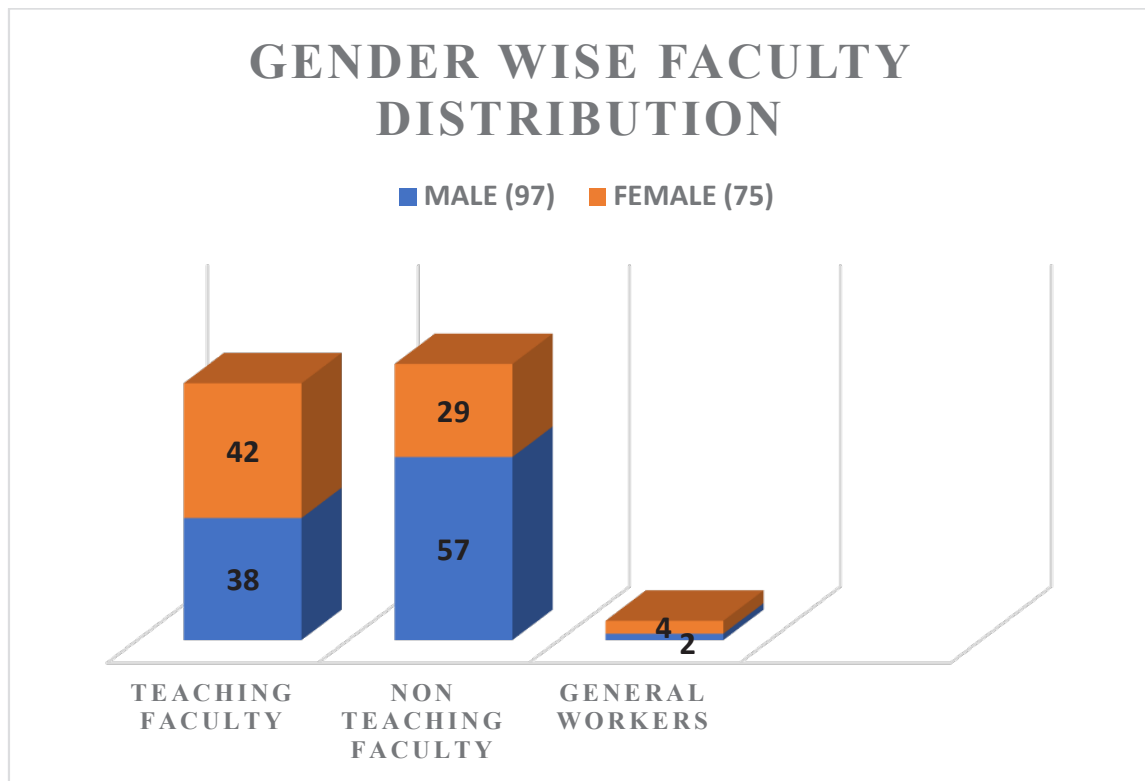
Gender equality means that the different behaviours, aspirations and needs of women and men are considered, valued and favoured equally. It does not mean that women and men have to become the same, but that their rights, responsibilities and opportunities will not depend on whether they are born male or female.

Gender equality is intrinsically linked to sustainable development and is vital to the realization of human rights for all. The overall objective of gender equality is a society in which women and men enjoy the same opportunities, rights and obligations in all spheres of life. Discrimination against women and girls is a pervasive and long-running phenomenon that characterizes Indian society at every level.

Although the constitution of India grants men and women equal rights, gender disparities remain. Research shows gender discrimination mostly in favor of men in many realms including the workplace. Discrimination affects many aspects in the lives of women from career development and progress to mental health disorders.

The equality effect can appear magical. In more equal countries, human beings are generally happier and healthier; there is less crime, more creativity, more productivity, and – overall – higher real educational attainment

Gender ratio of faculty (teaching / nonteaching) at various positions



Women Achievers of the Institution



Dr Dhakshaini M R
Deputy Director (Authorities)
JSSAHER



Dr Mahima V G
Deputy Controller of
Examination
JSSAHER



Mrs AnuShree
Administrative Officer
JSSDCH



Dr Annapoorna B M
HOD, Dept of Cons & Endo,
JSSDCH



Dr Deepika
HOD, Dept of Periodontology,
JSSDCH



Dr Usha Hegde
HOD, Dept of Oral Pathology,
JSSDCH



Dr Sunila B S
Convener, Dental Education
Unit JSSDCH

International Women's Day



To empower and also to uphold the achievements of Women, JSS Dental College and Hospital celebrated International Women's Day on 8th March 2022. On this day Mrs. Kalyani H, Stenographer was recognized and felicitated for her 36 years of commitment to the institution.

The cultural secretary and the students organized various recreational events to make the event a memorable one. The event was

attended by all the women faculties of the institution with great zeal and enthusiasm.

Internal Complaints Committee Members

Sl. No.	Name	Position
1	Dr. S. Ravindra	Chairperson
2	Dr. Chandrashekar B.R.	Co-Chairperson
3	Dr Annapoorna B M	Member
4	Dr. Girish M.S	Member
5	Mrs. Anushree S.M.	Member
6	Mrs. Shalini K.S.	Member
7	Mrs. Mohankumari	Member
8	Mrs. Ranjitha	Member
9	Dr. Kathyayani C.P.	Member Secretary
10	Dr. Suman S D	Student Member
11	Ms. Sumukh Bharadwaj	Student Member

Internal Complaints Committee on Sexual Harassment of women at workplace (“Women’s Grievance Redressal Cell”)

1. Objective of Women’s Grievance Redressal Cell

- The cell deals with the cases/ complaints of sexual harassment and any other type of harassment of the female students , teaching and non teaching women staff of the college
- The cell shall process all the individual complaints and take immediate suitable action
- The cell will provide assistance to the faculty / colleges for taking preventive steps in the matter of gender discrimination and sexual harassment.
- The principal will be the chairman of the cell and may appoint members of the cell
- The cell may form / review the guidelines /policy for redressal of the grievances as required from time to time, which may be in accordance with those issued by Supreme Court and Government Agencies.

2. Grievance Procedure

- Any women employee / female student will have the right to lodge a complaint concerning sexual harassment against a male student or the employee of the institute by writing a letter or putting the complaint in the Principals Office
- the complaints will be afforded with full confidentiality
- after receiving the complaint the chairman shall convene the meeting of the cell
- The chairman will appoint investigation committee. coordinator will convene the meetings
- the investigation committee shall then decide the course of action to proceed
- The complaint will stand dropped if in accordance to the committee the complaint has not been able to disclose prima-facie an offence of sexual harassment by the complainer/ her representative.
- in case the investigation committee decides to proceed with the complaint, the wishes of the complainer shall be ascertained and if the complainer wishes that a warning will suffice then alleged offender shall be called to the meeting of the committee heard and if satisfied that a warning is just and proper, he will be warned about his behaviour and non occurrence of it. in case the complainer requests that the complaint should proceeded with beyond mere a warning, the same may be proceed with in the manner prescribed hereafter.

3. Procedure for investigation

- The complainer wishes proved beyond way the wound, the ed thall be in writing by the west committee an opposite to within week he should not be iw and me punished f the wd harassment on his part.
- The written explanation of the ot found to be satisfactory o if he dies provide any written explanation, the investigation in will decide whether the offense deserves a minor penalty or a major penalty

- In the event that the investigation committee deciding that the accused be imposed a minor penalty, the said penalty will be recommended by the investigation committee the chairman of the cell for decision
- If the investigation committee comes to come to a conclusion that the accused in case if his guilt proved, should be imposed a major penalty, it shall make a recommendation of action. If the accused is an employee, he may be placed under suspension under the provisions of act
- If a person is charged with physical molestation or rape on college / society's is shall be immediately placed under suspension pending the completion of the dentition and enquiry appropriate actions can be initiated as per the laws of Indian penal code.

4. Punishment for sexual harassment

- Any member of the institute fraternity (student/employee/outsider related to institute) found guilty of sexual harassment shall be liable to be punished. This shall be subject to the same penalty for major or minor misconduct as prescribed under government/ university rules.
- A student guilty of sexual harassment shall be liable for any of the following penalties:
 - Warning or reprimand.
 - Suspension from University College for a period of one month.
 - Debarment from appearing for the examination for a period up to three years
 - Rutation from the university as the case may be
 - Any other punishment an defined by the government /university act

5. Protection against Victimization

The committee noted ant approved the policy on Protection against Victimization of the Women Grievance Redressal Cell as following

- In the event of the complainant being a student and the accused being teacher during the pendency of the investigation and inquiry and even after such enquiry if the teacher is found to be guilty, the accused will not act as an examiner for any examination for which the student appears

In the event the complainer and the accused both being employees, during the pendency of the investigation and inquiry even after such an enquiry if the accused is found to be guilty, the accused shall not write the condition report of the complainer, it is otherwise so authorized.



CLEAN WATER AND SANITATION

ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

Introduction

Our planet has provided us with an abundance of natural resources. But we have not utilized them responsibly and far beyond what our planet can provide. We must learn how to use and produce in sustainable ways that will reverse the harm that we have inflicted on the planet. It consists of Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries. Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle. Promote public procurement practices that are sustainable, in accordance with national policies and priorities.

Achieving economic growth and sustainable development requires that we urgently reduce our ecological footprint by changing the way we produce and consume goods and resources. Agriculture is the biggest user of water worldwide, and irrigation now claims close to 70 percent of all freshwater for human use. The efficient management of our shared natural resources, and the way we dispose of toxic waste and pollutants, are important targets to achieve this goal. Encouraging industries, businesses and consumers to recycle and reduce waste is equally important, as is supporting developing countries to move towards more sustainable patterns of consumption by 2030.

Ensure availability and sustainable management of water and sanitation for all

Water and sanitation are critical to the health of people and the planet. Goal 6 not only addresses the issues relating to drinking water, sanitation and hygiene , but also the quality and sustainability of water resources worldwide. Improvements in drinking water, sanitation and hygiene are essential for progress in other areas of development too, such as nutrition, education, health and gender equality. Access to drinking water and sanitation is a fundamental human right. Achieving universal, adequate, and equitable access to safely managed water

and sanitation services is at the core of sustainable development. This is reflected in SDG 6. The importance of good hygiene through handwashing and access to clean water has been further highlighted by the COVID-19 pandemic. Despite progress over the past few decades, billions of people worldwide still lack access to clean water and sanitation, with only 10 years left to achieve SDG 6. Millions of people die every year from diseases associated with unsafe drinking water, sanitation and hygiene. Each year, 300,000 children under 5 die due to diarrhoea linked to inadequate hygiene. Despite significant progress, 2.2 billion people worldwide do not have safely managed drinking water services. Over half the global population, 4.2 billion people, lack safely managed sanitation services.

Events organised by the institution “Our Planet Our Earth”



Webinar on this year's theme of World health day 2022 “Our planet our earth” was organized by the department of Public Health Dentistry. Guest speaker Dr. Manjunath B.C, Prof and Head, Post Graduate Institute of Dental Sciences, Rohtak, highlighted the need to protect our planet from climatic crisis, inadequate sanitation, tobacco epidemic and so on.

World Environment Day



Faculty of JSS Dental College and Hospital actively participated in World Environment Day 2021 which was observed on 9th June-2021. The programme was organized by NSS unit of JSS Dental College and Hospital. Saplings were distributed to general workers of the hospital and they were appraised about the importance of good environment, water and energy conservation.

Water Purification



Visit to water purification unit by under graduate students to create awareness about clean water.

Institutional approach towards SDG 6

1. Maintenance of clean, green and smart campus – waste segregation and planned disposal of waste through authorized agencies only

- The University supports green practices in all its initiatives. It has well-defined policies for its sustainable green practices which include its energy conservation policy, water conservation policy, transport policy, the SMART and Green campus policy and many such policies and practices that inculcate the importance of conserving the present for the future generations.

2. Provision of Safe drinking water at college premises.

- To provide quality care, healthcare facilities need to have a safe and accessible water supply this is well maintained at JSSDCH.

3. Sanitation and hygiene maintenance by the house keeping staff at college premises

- Clean and safe sanitation facilities; hand hygiene facilities at points of care and at toilets; and appropriate waste disposal systems are in place at JSSDCH.

4. Waste water treatment

- Infrastructure that supports water, sanitation, hygiene and healthcare waste management practices helps prevent the spread of diseases within the healthcare facility and to the surrounding community.

5. Rain water harvesting

To meet the needs and sustainable management of fresh water, the rainwater harvesting, and utilization systems have been established in all the campuses of the university to aid towards the greater objectives of water management and conservation and increasing recharge of groundwater by capturing and storing rainwater, rainwater harvesting from rooftop run-offs and natural water bodies and the community development.

The below mentioned models are established in the various buildings based on the size of the building and the extent and topography of the land.

- Simple roof water collection systems - Most of the rooftop rainwater harvesting has been completed by constructing five water storage structures with a storage capacity of 1000 m³.
- Land surface catchments – a simple way of collecting rainwater by retaining the flows (including flood flows) of small creeks and streams in small storage reservoirs (on surface or underground) created by low-cost dams
- Collection of storm water – The surface runoff collected in storm water ponds/ reservoirs is subject to a wide variety of contaminants and every effort is made to keep these catchments clean.

6. Biomedical waste management in an appropriate manner

- JSS Dental College and Hospital gives utmost importance to controlling and prevention of infection in patients, visitors, healthcare providers and community by adopting appropriate safety measures.
- JSS Dental College and Hospital has an organized Infection Control Committee and Infection Control Team which formulates policies and measures aimed at reducing and eliminating infection risks to patients, housekeeping staff, visitors and to the environment.

7. Hand hygiene practice training and protocol displayed in all departments.

8. Field visit by III BDS students to water purification plant

9. Plastic-free campuses

10. The HEI actively organizes Swachh Bharat Abhiyan and creates awareness and consciousness amongst students.

11. The Institution also has included a subject Environmental Sciences in all courses as stipulated by UGC and organizes Environment Day and Water Day.



AFFORDABLE AND CLEAN ENERGY

ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE, AND CLEAN ENERGY FOR ALL

Introduction

Renewable energy solutions are becoming cheaper, more reliable and more efficient every day. Our current reliance on fossil fuels is unsustainable and harmful to the planet, which is why we have to change the way we produce and consume energy. Implementing these new energy solutions as fast as possible is essential to counter climate change, one of the biggest threats to our own survival. It consists of Universal access to affordable, reliable and modern energy services. Increase the share of renewable energy in the global energy mix. Double the global rate of improvement in energy efficiency. Between 2000 and 2016, the number of people with electricity increased from 78 to 87 percent, and the numbers without electricity dipped to just below one billion. Yet as the population continues to grow, so will the demand for cheap energy, and an economy reliant on fossil fuels is creating drastic changes to our climate. Investing in solar, wind and thermal power, improving energy productivity, and ensuring energy for all is vital if we are to achieve SDG 7 by 2030. Expanding infrastructure and upgrading technology to provide clean and more efficient energy in all countries will encourage growth and help the environment.

“Ensure access to affordable, reliable, sustainable and modern energy for all”

Between 2000 and 2018, the number of people with electricity increased from 78 to 90 percent, and the numbers without electricity dipped to 789 million.

Yet as the population continues to grow, so will the demand for cheap energy, and an economy reliant on fossil fuels is creating drastic changes to our climate.

Investing in solar, wind and thermal power, improving energy productivity, and ensuring energy for all is vital if we are to achieve SDG 7 by 2030.

Expanding infrastructure and upgrading technology to provide clean and more efficient energy in all countries will encourage growth and help the environment.

Institutional approach towards SDG 7

1. “Go green”- Reducing paper communication
2. Recommends usage of Electric vehicles
3. Energy conservation strategies – For e.g. use of CFL/LED lights and Solar heaters and Air source heat pumps in the hostels
4. Provision for natural light in all its buildings
5. Cycles in campus
6. Solar plant

Sign boards on water and electricity preservation



Green Campus



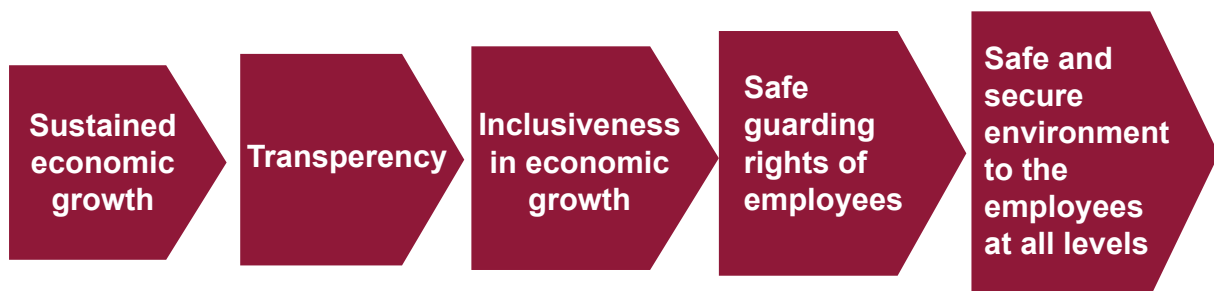


DECENT WORK AND ECONOMIC GROWTH

PROMOTE SUSTAINED INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH, FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL

Introduction

Economic growth should be a positive force for the whole planet. Therefore we must make sure that financial progress creates decent and fulfilling jobs while not harming the environment. We must protect labour rights and once and for all put a stop to modern slavery and child labour. If we promote job creation with expanded access to banking and financial services, we can make sure that everybody gets the benefits of entrepreneurship and innovation. This goal consists of sustaining per capita economic growth in accordance with national circumstances and, in particular, at least 7 percent gross domestic product growth per annum in the least developed countries. Achieve higher levels of economic productivity. Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, and innovation. Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation. Achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value. Reduce youth unemployment. Eradicate forced labour, modern slavery, child labour and human trafficking. Protect labour rights and promote safe and secure working environments for all workers. Devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products. Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all.



Economic growth
Overall Budget for 2022-23 (in Lakh)

SI.No	Heads	Amount	SI.No	Heads	Amount
I	Tuition fee	2389	I	ESTABLISHMENT	2213.64
II	College other fee	98.31	II	ADMINISTRATIVE EXPENSES	144.9
III	JSSAHER FEE	53.17	III	ACADEMIC ACTIVITIES	126
IV	JSS MAHAVIDYAPEETHA FEE	3.60	IV	STUDENTS AMENITIES	28.78
V	Examination Fee	25.00	V	EXAMINATION FEE	25
VI	OTHER RECEIPTS	167.50	VI	JSS MAHAVIDYAPEETHA FEE	3.6
VII	GRANTS	40.00	VII	PAYMENT TO JSSAHER	53.17
VIII	Dept of Forensic Odontology	3.68	a.	Administration Charges	56.8
IX	Certificate Courses	22.69	VIII	HOSPITAL CONSUMABLES	116.4
			IX	NON - RECURRING EXPENDITURE	45
			X	Grants	40
			XI	Certificate Course	12.79
			XIII	Information & digital Technology	33
	Deficit	105.63		Capital Expenditure	9.5
	Total	2908.58		Total	2908.58

Details of Patent Filed / Published / Granted

Sl. No.	Title of Patent Awarded/ Filed	Patent No./ Application No.	Name of Inventors	College & Department	Date of Award/ Filing/ Published	Status
1.	A device for mandibular bodily molar protraction and a method thereof		Inventors Dr Jyothikiran Reader Dr Suma S, JSSDCH Dr Pradeep S, JSSDCH	Orthodontics and Dentofacial Orthopedics	21.7.2022	Filed
2.	A device for molar uprighting and distalization	202241039235	Inventors Dr Jyothikiran Reader Dr Suma S, JSSDCH Dr Pradeep S, JSSDCH	Orthodontics and Dentofacial Orthopedics	22.07.2022	Published
3.	A device for maxillary molar distalization and a method thereof	202241034631	Inventors Dr Pradeep S Lecturer Dr Suma S, JSSDCH Dr Jyothikiran H, JSSDCH	Orthodontics and Dentofacial Orthopedics	08.07.2022	Published

Sl. No.	Title of Patent Awarded/ Filed	Patent No./ Application No.	Name of Inventors	College & Department	Date of Award/ Filing/ Published	Status
4.	A device for curing dental restorative material and a method thereof	202241031553	Inventors 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 DH	Orthodontics and Dentofacial Orthopedics	10.06.2022	Published
5.	Electrospun Nano Fibers loaded with Apexification Materials for Dental Applications	202241025145	Inventors Dr Girish M S Reader	Dept. of Paediatric & Preventive Dentistry JSSDCH	29.04.2022	Filed
6.	A device for intrusion of tooth and a method thereof	202241012058	Inventors Dr Vishal S Kudagi Lecturer Dr Shruthi S Kumar, JSSDCH Dr Nitin V M, JSSDCH	Orthodontics and Dentofacial Orthopedics	18.03.2022	Published

Sl. No.	Title of Patent Awarded/ Filed	Patent No./ Application No.	Name of Inventors	College & Department	Date of Award/ Filing/ Published	Status
7.	A nano hybrid conjugate system of a theranostic agent and a method thereof	202241008557	Inventors Dr Mahesh K P Reader Dr Asha Sreenivas Reader Dept. of Nano technology, Life Science	Oral Medicine & Radiology	18.02.2022	Filed
8.	A device for measuring incisor teeth angulations and a method thereof	202241006354	Inventors: Dr Nitin V Muralidhar Reader	Dept. of Orthodontics & Dentofacial Orthopedics	11.02.2022	Published
9.	A Kit and a method for predicting oral cancer	202241006292	Inventors Dr Mahesh K P, Reader Dr Subbarao Venkata Madhunapantula, JSSMC Dr Karthikeya Patil, JSSDCH Dr Usha Hegde, JSS DCH	Oral Medicine & Radiology	11.02.2022	Published

Sl. No.	Title of Patent Awarded/ Filed	Patent No./ Application No.	Name of Inventors	College & Department	Date of Award/ Filing/ Published	Status
10.	Oral Composition Comprising Thermostable Probiotics for Oral Health	202241003834	Inventors: Dr Seema Deshmukh Reader Mr Sharieff Irfanulla, Triphase pharmaceuticals Pvt. Ltd., Mysore Mr Prakash Abhilash, Triphase pharmaceuticals Pvt. Ltd., Mysore Dr Desiraju Shrilakshmi, Triphase pharmaceuticals Pvt. Ltd., Mysore	Dept. of Pedodontics & Preventive Dentistry	24.01.2022	Filed 24.01.2022 & Commercialization & collaboration with Triphase pharmaceuticals Pvt. Ltd., Mysore
11.	A stable and rapidly disintegrating orodispersible film formulation and a process thereof	202241004680	Inventors: Dr Amit Baburao Patil JSS CP, Mysore Dr Mahesh K P, JSSDCH Dr Suraj Srinivas, JSSCP Dr Prasad Rao, JSSCP Dr Aparna Vijayan Mayarani, OMR PG, JSSDCH	Dept. of Oral Medicine & Radiology	04.02.2022	Published

Sl. No.	Title of Patent Awarded/ Filed	Patent No./ Application No.	Name of Inventors	College & Department	Date of Award/ Filing/ Published	Status
12.	A device for maintaining oral hygiene in visually challenged subjects	202141056393	Inventors: 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	Published
13.	A Stable Denture Cleansing Effervescent Tablet Formulation and a Process Thereof	202141047040	Inventors: Dr Meenakshi S Lecturer Dr D Vishakante Gowda, JSSCP, Mysuru Dr Raghunath N, JSSDCH	Dept. of Prosthodontics and Crown & Bridge	05.11.2021	Published
14.	An efficient methodology to evaluate anti fungal efficacy of poly herbal supercritical fluid extract for geriatric dental wearers	202041039034	Inventors: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge Dr D Vishakante Gowda, JSSCP, Mysuru Dr Anilkumar Gujjari, Prof., Dept. of Prosthodontics	Dept. of Prosthodontics and Crown & Bridge	25.12.2020	Commercialization & collaboration with Group Pharmaceuticals 22.01.2022(MOU) Published 25.12.2020

Sl. No.	Title of Patent Awarded/ Filed	Patent No./ Application No.	Name of Inventors	College & Department	Date of Award/ Filing/ Published	Status
15.	Touchfree UV-C Based Sanitization System	202041053854	Inventors: Dr B Nandlal HOD, Prof., Dept. of Pedodontics & Preventive Dentistry Dr Srinivasa Murthy JSS Medical College Dr Ravindra Shivamurthy Principal, JSS Dental College & Hospital Mr Nagendra Ramakrishna Setty, Ideas Unlimited, Mysuru	Dept. of Paediatric & Preventive Dentistry JSSDCH	31.8.2021	Granted 31.8.2021 (Design No. 336133- 001) Published 17.6.2022
16.	Target Indicating Light Beam Device for enhancing the positioning accuracy of intraoral X-ray machine	202141044526	Inventors: Dr Prasanna Srinivas Deshpande, Lecturer, JSSDCH Dr Karthikeya Patil, JSSDCH Dr Mahima V G, JSSDCH Dr Mrinal Limaye, KVG DCH	Dept. of Oral Medicine & Radiology	04.02.2022	Published 04.02.2022

Sl. No.	Title of Patent Awarded/ Filed	Patent No./ Application No.	Name of Inventors	College & Department	Date of Award/ Filing/ Published	Status
17.	System and Method for Cleft Speech Training at Home	202041045850 IP-4090-IN- 19200231-PPA- 2019	Inventors: Dr B Nandlal Ms. Divya N Sahetya, SJCE Kuhoo Tiwari, SJCE Dr Gayathri S, SJCE Co-Inventors: Ms. Meghana P, SJCE Ms. Dhanya Ganesh, SJCE Mr Kiran V, SJCE Mr Abhishek N Ramesh, SJCE Ms Saaima Saher, SJCE Ms Tejaswini Pannasamudra Narendra, SJCE	Dept. of Paediatric & Preventive Dentistry JSSDCH	22.04.2022	Published

Economic growth through consultancy Research Projects aligning to this goal

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received
1	Principal Investigator: Dr Indira M D Lecturer, Dept. of Pedodontics & Preventive Dentistry Co-PI Dr Sushma Dept. of Pediatrics, JSSH	Oral health status and oral health related quality of life among children born preterm- A cross sectional study	0.25	ISPPD	1 Yr.	Sanctioned 06.06.2022	0.25
2	Principal Investigator: Mr Jayachandran P P Course Co-ordinator Dental Mechatronics & Care of SPARKLE CINE foundation JSSAHER	NIDHI-Promotion and acceleration of young and aspiring technology entrepreneurs (NIDHI-prayasee)	5.00	SJCE-STEP NIDHI PRAYAS	1 Yr.	Sanctioned 06.06.2022	2.50

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
3	Principal Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Raghavendra Shanbhog, JSSDCH Dr Subbarao, JSSMC Dr Raghunath, JSSDCH Dr Meenakshi, JSSDCH	ATP evaluation of antibiofilm and antimicrobial efficacy of dense denture cleanser tablet	3.0675	Group Pharmaceuticals Ltd., Bangalore	6 Months	Sanctioned 19.02.2022	-
4	Principal Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Raghavendra Shanbhog, JSSDCH Dr Subbarao, JSSMC Dr Mruthyunjaya, JSSCP, Mysore Dr Gowthamrajan, JSSCP, Ooty	Fennel Extract Gel for Dental Purpose- Phase-1	1.13503	Group Pharmaceuticals Ltd., Bangalore	1 Year	Sanctioned 03.01.2022	1.13503 (27.01.2022)

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
5	Principal Investigator: Dr Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry Co-investigators Dr. Jaishankar HP, JSSDCH, Dr. Suma S, JSSDCH, Dr. Praveen Kulkarni, JSSMC, Dr. Madhu B, JSSMC, Dr. Kishor M, JSSMC	Enhancing identification and counseling skills of medical and dental undergraduate students using a customized e-learning module on Tobacco Counseling - An education innovation project using ADDIE framework.	17.94560	ICMR	3 Yrs.	Sanctioned 30.12.2021	8.79186 (30.12.2021) No.5/13/6/ Tobacco/2020/ NCD- III/30.12.2021
6	Principal Investigator: Dr Aruna G Lecturer Dept. of Periodontology Co-PI: Dr Chandrashekar B R, JSSDCH Dr Venkatesh M C, JSSCP Mysore	Effect of locally delivered melatonin as an adjunct to scaling and root planning in the treatment of Periodontitis with or without diabetes	7.8860	DST-SERB	1.5 Yrs.	Sanctioned 29.12.2021 CRG/2021/ 002186/29.12.2021	4.7550 (14.02.2022)

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

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

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

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

Faculty Submitted projects

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

4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for debilitated bedridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/ AGCJC0153/01/22	6 Months	Submitted May-2022	
5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensing 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022	
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022	

7.	<p>Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics</p> <p>Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge</p>	<p>Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.</p>	2.5	VGST	1 Yr.	Submitted 22.02.2022	
8.	<p>Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry</p> <p>Co-PI: Mr Jayachandran PP.</p>	<p>Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.</p>	25.00	VGST	2 Yrs.	Submitted 22.02.2022	

9.	<p>Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery</p> <p>Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillofacial Surgery</p>	<p>Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.</p>	19.58	VGST	2 Yrs.	Submitted 23.02.2022	
10.	<p>Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Periodontology</p> <p>Co-PI: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology</p>	<p>Comparison of the efficacy of combination of punica granatum and citrus paradise herbal extract mouth rinse with chlorhexidine gluconate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study</p>	1.00	ICMR	6 months	Submitted 19.02.2022	

11.	<p>Principal Investigator: Dr Srinath S Asso.Prof., SJCE</p> <p>Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE</p> <p>Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry</p> <p>Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry</p>	<p>Deep learning based system for automatic cephalometric analysis</p> <p>(Inter-institutional research project with SJCE)</p>	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022	
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12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry	Core and shell type multi-functional YSZ based composite material for dental application	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022
13.	Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022
14.	Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy, JSSDC Prof., Aradya HV, JSSMC	Investigation of Hylicobacter pylori in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021

15.	<p>Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS</p>	<p>Efficacy of infection responsive anti-candida thin film based zinc oxide nanomaterials in the management of denture stomatitis – a randomized controlled trial</p>	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021	
16.	<p>Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Prashanth Murthy Dr Deepthi Thandaveshwara, JSSMC Dr RaviShankar SN Accreate Labs Private Limited, B'lore</p>	<p>Assessment of effectiveness of 3D bioprinted feeding appliances on feeding practices and growth parameters in cleft lip and palate affected infants – A Randomized Controlled Trial</p>	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021	

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

20	Dr Prathibha Shashikumar Reader Dept. of Periodontology	Clinical evaluation of photodynamic therapy using indocyanine green loaded chitosan nanoparticles, as an adjunct to non-surgical periodontal therapy in patients with chronic periodontitis” - A randomized controlled trial	0.85	JSSAHER	1 Yr.	Submitted 29.06.2022	
21	Dr Sheelakumar Gujjari Professor Dept. of Periodontology	Evaluation of cinnamon mucosal patch on candida albicans in diabetic patients with chronic periodontitis	0.95775	JSSAHER	1 Yr.	Submitted 26.05.2022	

ICMR / VGST FINANCIAL ASSISTANCE FOR STUDENTS MDS DISSERTATION THESIS

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
1	Principal Investigator Dr Abhinav Kathuria PG Student Guide: Dr Shivananda S, Reader Dept of Oral & Maxillofacial Surgery	Comparative evaluation of bone and soft tissue healing around dental implants among diabetic and hypothyroidism patients – A prospective case control study	0.50	ICMR	1 yr.	Submitted July-2022	
2	Principal Investigator Dr Suman S D PG Student Dept. of Pedodontics & Preventive Dentistry	Machine learning and deep learning application of lateral cephalometric parameters of growth prediction in children: A comparative study	0.10	ISPPD	1 yr.	Submitted Jan-2022 Approval pending	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
3	Principal Investigator Ms Anusha U BDS Student Guide: Dr Usha Hegde Professor Dept. of Oral pathology	Utility of cytology in immunohistochemical analysis: A comparative assessment among oral potentially malignant disorders and normal mucosa	0.50	ICMR-STS	2 months	Sanctioned May-2022 (Submitted 21.02.2022)	
3A	Principal Investigator Ms Sara Sultana BDS Student Guide: Dr Sreeshyla H S Lecturer Dept. of Oral pathology	Salivary pH, flow, viscosity and lactate dehydrogenase biomarker-A comparative analysis among tobacco habitués associated with and without oral potentially malignant disorders	0.50	ICMR-STS	2 months	Sanctioned May-2022 (Submitted 21.02.2022)	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
4	Principal Investigator Ms Srushti Shivaraj Sunkad BDS student Guide: Dr Sanjay C J Reader Dept. of Oral Medicine & Radiology	Prevalence of oro-nuecosal changes in non-alcoholic fatty liver disease (NAPID) in Indian population	0.50	ICMR-STC	2 months	Submitted 21.02.2022	
5	Principal Investigator Ms Kevilenu Sekhose BDS student Guide: Dr Nitin V M Reader Dept. of Orthodontics & Dentofacial Orthopedics	Assessment of antimicrobial efficacy curcumin on the oral microbiota in orthodontic patients	0.50	ICMR-STC	2 months	Submitted 21.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
6	Principal Investigator Ms Harshita Bharat Prem BDS student Guide: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Development and evaluation of public awareness tool kit in appropriateness of FACE MASK and Covid-19 vaccine under the age of 18 years.	0.50	ICMR-STS	2 months	Submitted 19.02.2022	
7	Principal Investigator Ms Krihshnapriya Varma BDS student Guide: Dr Ravi M B Reader Dept. of Prosthodontics and Crown & Bridge	Assessment of anxiety among geriatric patients during prosthodontics treatment	0.50	ICMR-STS	2 months	Submitted 19.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
8	Principal Investigator Ms Priyanka C P BDS student Guide: Dr Manjula S Reader, Dept. of Oral & Maxillofacial Surgery	Comparative evaluation of post extraction socket healing in diabetic and non-diabetic patients a prospective study	0.50	ICMR-STS	2 months	Submitted 18.02.2022	
9	Principal Investigator Ms Shevangi Baruah Pegu BDS student Guide: Dr R Sathish Professor Dept. of Oral & Maxillofacial Surgery	Neurological consequences of oral and maxillofacial surgery	0.50	ICMR-STS	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
10	Principal Investigator Mr Adithya Mahesh BDS student Guide: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Evaluation of effect of augmented reality assisted tooth brush on theoral hygiene practices among 6-8 year old children	0.50	ICMR-STS	2 months	Sanctioned May-2022 (Submitted 18.02.2022)	
11	Principal Investigator Ms Nishika S Gowda BDS student Guide: Dr Nagabushana Doggalli Reader, Dept. of Oral Medicine & Radiology	Willems method of age estimation in mysuru population	0.50	ICMR-STS	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
12	Principal Investigator Ms Sumukhi S Rao BDS student Guide: Dr B Nandlal Professor Dept. of Pedodontics & Preventive Dentistry	Evaluating efficacy of remote site education by whats app using filmed version of brushing method in children with type 1 diabetes	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
13	Principal Investigator Ms Aston Varghese BDS student Guide: Dr Maurya M Lecturer Dept. of Public Health Dentistry	Oral Health status and quality of life among middle aged male smokers and non-smokers in mysore city-A comparative study	0.50	ICMR-STs	2 months	Sanctioned May-2022 (Submitted 18.02.2022)	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
14	Principal Investigator Ms Anju Vijayan Nair BDS student Guide: Dr Aruna G Lecturer Dept. of Periodontology	Expression of autophagy-5 protein in periodontal health and disease	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
15	Principal Investigator Ms Reshmitha R BDS student Guide: Dr Sushma R Lecturer Dept. of Public Health Dentistry	Influence of personal, social, environmental factors on adolescents consuming carbonated drinks and its effect on hard tissues of oral cavity	0.50	ICMR-STs	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
16	Principal Investigator Ms Suhani Jain BDS student Guide: Dr Sowmya H K Lecturer Dept. of Conservative Dentistry & Endodontics	Comparison of dental tubule occlusion of an herbal and non herbal mouthwash-A scanning electron microscopic study	0.50	ICMR-STS	2 months	Submitted 18.02.2022	
17	Principal Investigator Ms Tejaswini Agarwal BDS student Guide: Dr Talwade priyanka Lecturer Dept. of Pedodontics & Preventive Dentistry	Impact of covid-19 on healthcare profession aspirants will the virus expedite the shortage of doctors in the country-A cross sectional survey	0.50	ICMR-STS	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
18	Principal Investigator Mr Abhinav P R BDS Student Guide: Dr Mahesh K P Reader, Dept. of Oral Medicine & Radiology	A comparative study between self controlled energetic neuro adaptive regulator and commercially available similar equipment in the management of orofacial pain	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
19	Principal Investigator Ms Disha R Jain BDS student Guide: Dr Girish M S Reader, Dept. of Pedodontics & Preventive Dentistry	Knowledge about oral health status during pregnancy and awareness of infant oral health among mothers in anti natal period	0.50	ICMR-STs	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
20	Principal Investigator Ms Annmaria Reeson Guide: Dr Annapoorna B M Professor Dept. of Conservative Dentistry & Endodontics	A prospective cohort study in patients with dental lesions during different gestation period in the province of mysuru	0.50	ICMR-STs	2 months	Submitted 18.02.2022	
21	Principal Investigator Ms Dishani Halder BDS student Guide: Dr Chandrashekar B R Prof. & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing knowledge, practices on emergency management of tooth avulsion among Karnataka state road transport corporation employees in mysuru	0.50	ICMR-STs	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
22	Principal Investigator Ms Samyuka S Gowda BDS student Guide: Dr Sunitha S Reader, Dept. of Public Health Dentistry	Antimicrobial efficacy of essential oils of clove, tulsi and eucalyptus on smutans and lactobacillus in composition with 0.27 clohexidine – an in vitro experimental study	0.50	ICMR-STS	2 months	Submitted 18.02.2022	
23	Principal Investigator Ms Akanksha Choudhary BDS student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluate and correlate the salivary vitamin D and salivary calcium and phosphorus levels in patients with dental caries in healthy male and female	0.50	ICMR-STS	2 months	Submitted 18.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
24	Principal Investigator Ms Sreelakshmi M D BDS student Guide: Dr Shruti S Kumar Lecturer Dept. of Pedodontics & Preventive Dentistry	Estimation of salivary cortisol levels in children with mild to moderate hearing loss.	0.50	ICMR-STs	2 months	Submitted 17.02.2022	
25	Principal Investigator Ms Aiswariya P BDS student Guide: Dr Avinash B S Reader Dept. of Periodontology	Comparison of reduction of dental plaque and gingivitis with and without visual aid instructions in orthodontic cases a randomized single blind clinical study	0.50	ICMR-STs	2 months	Submitted 17.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
26	Principal Investigator Ms Lakshmeesha D BDS student Guide: Dr Shivananda S Lecturer Dept. of Pedodontics & Preventive Dentistry	Evaluation of the antibacterial efficacy of the essential oil of spilanter acmella on bacteria causing dental caries and periodontal disease – an in vitro microbiological array	0.50	ICMR-STs	2 months	Submitted 17.02.2022	
27	Principal Investigator Ms Sandra Prasad Felix Cherukodath BDS student Guide: Dr Brinda Suhas Godhi Reader Dept. of Pedodontics & Preventive Dentistry	Anti-bacterial efficacy of alpinia officinarum against oral pathogen in comparison with commercially available mouthwash-an in vitro study	0.50	ICMR-STs	2 months	Submitted 17.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
28	Principal Investigator Ms Samredhi Singh BDS student Guide: Dr Indira M D Lecturer Dept. of Pedodontics & Preventive Dentistry	Prevalence of early childhood caries among children born pre term – A cross sectional study	0.50	ICMR-STs	2 months	Submitted 17.02.2022	
29	Principal Investigator Ms Akshitha Bhatt Yogaraj BDS student Guide: Dr Parinitha M S Reader, Dept. of Conservative Dentistry & Endodontics	To compare the effect of propolis varnish and green tea varnish on treatment of dentinal hypersensitivity. An in-vitro scanning electron microscope study	0.50	ICMR-STs (2022-06373)	2 months	Sanctioned June -2022 (Submitted 17.02.2022)	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
30	Principal Investigator Ms Hima M Final BDS student Guide: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	A biomechanical reinforcement of PMMA denture based material with sericin and fibroin; A preliminary screening study	0.50	ICMR-STs	2 months	Sanctioned May -2022 (Submitted 17.02.2022)	
31	Principal Investigator Mr Swagatam Dhali BDS student Guide: Dr Anitha S Reader Dept. of Periodontology	Evaluation of migration inhibitory factor, (MDF) Level in gingival crevicular fluid and serum in periodontal health and disease with and without type-II diabetes	0.50	ICMR-STs	2 months	Submitted 16.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
32	Principal Investigator Mr Arjun S BDS student Guide: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge	Analysis of associatin between oral hygiene, tooth loss among Alzheimer patients using montreal cognitive assessment and lactoperrin salivary biomarkers	0.50	ICMR-STS	2 months	Submitted 16.02.2022	
33	Principal Investigator Ms. Anuharshitha Karanam Thinnapuram BDS student Guide: Dr Premalatha B R Reader, Dept. of Oral Pathology & Microbiology	Cheilosopic analysis of different ethnic population of south India –A cross sectional study	0.50	ICMR-STS	2 months	Submitted 16.02.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
34	Principal Investigator Ms. Pragathi M H BDS Student Guide: Dr Chandan S N Reader Dept. of Oral & Maxillofacial Surgery	Prevalence of antibiotic resistance in odontogenic space infection	0.50	ICMR-STS	2 months	Submitted 04.02.2022	
35	Principal Investigator Ms Kiruthika M IV BDS student Guide: Dr Anupama C Lecturer Dept. of Prosthodontics and Crown & Bridge	Prevalence of missing tooth and reasons for not replacing lost teeth: a cross-sectional survey among dental students and medical students	0.50	ICMR-STS	2 months	Submitted 03.02.2022	-

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
36	Dr Parvathi Sudeep PG Student Guide: Dr Paras Mull J Reader, Dept. of Conservative Dentistry & Endodontics	Apically extruded debris and canal cleanliness following retreatment of calcium silicate-based sealer and single cone obturation with XP-endo shaper and wave one gold with the without the use of supplementary instrumentation techniques: an in vitro comparative study	0.50	JSSAHER	1 Year	Submitted 08.08.2022	
37	Dr Ankita Singh PG Student Guide: Dr Sunil Tejaswi Reader, Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of microhardness and color change of root dentin using punica greanatum (Pomegranate extract), sodium hypochlorite, chlorhexidine and normal saline as an endodontic irrigant – an in vitro study	0.67	JSSAHER	2 Years	Submitted 08.08.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
38	Dr Kotha Naga Sai Maruti Venkanna Gupta PG Student Guide: Dr Annapoorna B M Prof., Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of dentine remineralization potential of different agents using QLF, SEM, DEX-An vitro study	0.88	JSSAHER	2 Years	Submitted 08.08.2022	
39	Dr Akshay G PG Student Guide: Dr Parinitha M S Prof., Dept. of Conservative Dentistry & Endodontics	Effect of herbal antiozidant on push out bond strength of resin based composite to dentin after intracoronal bleaching – an invitro study	0.60	JSSAHER	2 Years	Submitted 08.08.2022	
40	Dr Prakash P PG Student Guide: Dr Anilkumar G Prof., Dept. of Prosthodontics and Crown & Bridge	Evaluation of ultraviolet light, dentifrices and tap water brushing techniques for disinfecting removable acrylic dentures – A comparative ex-vivo study	0.47	JSSAHER	2 Years	Submitted 08.08.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
41	Dr Laura Anne Prisca Melba Albuquerque PG Student Guide: Dr Sunila B S Reader Dept. of Prosthodontics and Crown & Bridge	Efficacy of chemically and biologically synthesized zinc oxide nanoparticles incorporated in soft denture liner against candida albicans – A comparative in vitro study	0.49	JSSAHER	2 Years	Submitted 11.07.2022	
42	Dr M Anusuya PG Student Guide: Dr Ravi M B Reader Dept. of Prosthodontics and Crown & Bridge	Incorporation of naturally obtained hydroxyapatite nanoparticles in resin luting cements and GIC to evaluate water sorption and solubility – an in vitro study	0.37	JSSAHER	2 Years	Submitted 18.05.2022	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
43	Dr Nikita Sebastian PG Student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluation and comparison of the efficiency of ultrasonically activated intracanal irrigants grape seed and pineapple extract in removing the smear layer from the apical third of the root canal: An in vitro SEM analysis	0.25	JSSAHER	2 Years	Sanctioned JSSAHER/REG/ RES/URG/54/2011- 12/2267/27.5.2022	
44	Dr Kritika Banerjee PG student Guide: Dr Sheelakumar G Prof., Dept. of Periodontology	Assessment of wound healing using MMP-8 levels in GCF of diabetics with chronic periodontitis after diode laser assisted flap surgery	0.534	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
45	Dr Mirunalini Sundaravadivelu PG student Guide: Dr Chandrashekar B R, Dept. of Public Health Dentistry	Evaluation of sealant retention and caries prevention on first and second premolars and molars among 6-14 years old children-A double blind randomized split mouth trial.	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022	0.125
46	Dr Madhushree J T PG Student Guide: Dr Deepika P C Professor, Dept. of Periodontology	Evaluation of ocimum sanctum local drug delivery as an adjunct to scaling and root planning in the treatment of chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12 / 10392/15.2.2022	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
47	Dr Priyanka Agarwal PG Student Guide: Dr Prathibha Shashikumar Reader, Dept. of Periodontology	Efficacy of Antimicrobial photodynamic therapy using indocyanine green as an adjunct to non-surgical periodontal therapy in controlled type 2 diabetes mellitus patients with chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	3 Months	Ongoing No.JSSAHER/REG/RES/ URG/54/2011-12 / 10392/15.2.2022	0.125
48	Dr Jeessica PG Student Guide: Dr B Nandlal Prof., & HOD, Dept.of Pedodontics & Preventive Dentistry	Evaluation of remineralization of demineralized dentin of primary teeth using quantitative light induced fluorescence and scanning electron microscope study: An in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
49	Dr Harshitha N PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of vitamin D oral gel in prevention and management of radiation induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125
50	Dr Romali Panda PG Student Guide: Jaishankar H P Reader, Dept. of Oral Medicine & Radiology	Serum vitamin B12 deficiency in metformin and non metformin treated type 2 diabetes mellitus patients: A comparative study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
51	Dr Renuka Devi K R PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of zinc sulfate mouthwash in managing patients with radiotherapy induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
52	Dr Soumee Sengupta PG Student Guide: Dr Ganesh S Reader, Dept. of Prosthodontics and Crown & Bridge	Comparative evaluation of antibacterial efficacy of red diode laser and 0.2% chlorhexidine against aggregatibacter Actinomycetemcomitans present on implant abutments – an ex-vivo study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
53	Dr Bharath S PG student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Antimicrobial efficacy of essential oils of clove, neem and cinnamon on streptococcus mutans and Lactobacillus acidophilus in comparison with 0.2% chlorhexidine – An in-vitro study	0.25	JSSAHER	9 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
54	Dr Mirunalini Sundaravadivelu PG Student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing the knowledge, attitude and practices related to emergency management of dental trauma and tooth avulsion among ASHA workers in Mysuru district – An interventional study	0.20	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.10
55	Dr Shyla Dureja PG Student Guide: Dr Raghavendraswamy Prof., Dept. of Prosthodontics and Crown & Bridge	Effect of incorporation of reduced graphene oxide nanoparticles on the mechanical properties of heat cured polymethylmethacrylate denture base resin material fabricated by conventional processing method : An in-vitro study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
56	Dr Dipasha Kirthi Rao PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Assessment of orthodontic treatment needs in individuals with sleep disordered breathing	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
57	Dr Saumya Upadhyay PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	A comparison of treatment effects produced by advansync and forsus fatigue resistant device in growing class II patients – An in vivo study	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
58	Dr Anusha A Joshi PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Analysis and comparison of pharyngeal airway morphology and dentoskeletal changes following mandibular advancement with functional appliances in class II malocclusion with skeletal mandibular retrognathism: A CBCT study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
59	Dr Aiswarya Balakrishna PG Student Guide: Dr B Nandlal HOD, Dept. of Paediatric & Preventive Dentistry	A Comparative Assessment of the efficacy of commercially available low concentration bleaching agents using quantitative light induced fluorescence in removing stains: an in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125
60	Dr Ashwini K P PG student Guide Dr Raghavendra Shanbhog Reader, Dept. of Paediatric & Preventive Dentistry	Efficacy of Self assembling peptide P 11-4 in constructing a remineralization scaffold on incipient enamel lesions on human enamel, used in combination with calcium phosphate based remineralization compounds: An in vitro study.	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125
61	Dr Arundhatee Banerjee PG Student Guide: Dr Seema Deshmukh Reader, Dept. of Paediatric & Preventive Dentistry	An In Vitro comparative evaluation of the efficacy of green tea and chia seeds extract as intra canal irrigant on smear layer removal and its effect on the microhardness of root dentine.	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
62	Dr Contractor Inshiya Alazhar PG Student Guide: Dr Girish M S Reader, Dept. of Paediatric & Preventive Dentistry	An in-vitro evaluation of tooth discolouration and shear bond strength of Glass Ionomer cement bonded to tooth surface pre-treated with silver Diamine fluoride and Glutathione bio-molecule	0.25	JSSAHER	4 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
63	Dr Brindha M PG Student Guide: Dr Parasmull G Reader, Dept. of Conservative Dentistry & Endodontics	Effect of two universal bonding agents on fracture resistance, microleakage and fluoride release in class 2 MOD cavities of maxillary premolars restored with active bioactive-an in vitro comparative study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125
64	Dr Raveena P John PG Student Guide: Dr Vinutha M Reader, Dept. of Conservative Dentistry & Endodontics	An in vitro comparative study of fluoride ion release from tooth coloured dental restorative materials using ion selective electrode and spectrophotometer	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received
65	Dr Ashique Navas K K PG Student Guide: Dr Annapoorna B M HOD, Dept. of Conservative Dentistry & Endodontics	Comparative Evaluation of Fracture resistance of varying thickness of peri-cervical dentin (PCD) reinforced with different obturation materials-an invitro study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125

External Funded Research Projects: Submitted

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

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
4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for debilitated bedridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/ AGCJC0153/01/22	6 Months	Submitted May-2022
5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022

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
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022
8.	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry Co-PI: Mr Jayachandran PP.	Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.	25.00	VGST	2 Yrs.	Submitted 22.02.2022

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
9.	<p>Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery</p> <p>Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillofacial Surgery</p>	Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.	19.58	VGST	2 Yrs.	Submitted 23.02.2022
10.	<p>Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Periodontology</p> <p>Co-PI: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology</p>	Comparison of the efficacy of combination of punica granatum and citrus paradise herbal extract mouth rinse with chlorhexidine gluconate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study	1.00	ICMR	6 months	Submitted 19.02.2022

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
11.	Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Deep learning based system for automatic cephalometric analysis (Inter-institutional research project with SJCE)	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022

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
12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry	Core and shell type multi-functional YSZ based composite material for dental application	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022
13.	Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022
14.	Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy, JSSDC Prof., Aradya HV, JSSMC	Investigation of <i>Hylicobacter pylori</i> in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021

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
15.	Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS	Efficacy of infection responsive anti-candida thin film based zinc oxide nanomaterials in the management of denture stomatitis – a randomized controlled trial	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021
16.	Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Prashanth Murthy Dr Deepthi Thandaveshwara, JSSMC Dr RaviShankar SN Accreate Labs Private Limited, B'lore	Assessment of effectiveness of 3D bioprinted feeding appliances on feeding practices and growth parameters in cleft lip and palate affected infants – A Randomized Controlled Trial	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021

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



INDUSTRY, INNOVATION AND INFRASTRUCTURE

**BUILD INFRASTRUCTURE, PROMOTE INCLUSIVE
AND SUSTAINABLE INDUSTRIALIZATION
AND FOSTER INNOVATION**

Introduction

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.

It consists of Develop quality, reliable, sustainable and resilient infrastructure. Promote inclusive and sustainable industrialization. Increase access of SMEs to financial services and markets. Upgrade and retrofit existing infrastructure to make industries sustainable. Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries.

Investment in infrastructure and innovation are crucial drivers of economic growth and development. With over half the world population now living in cities, mass transport and



renewable energy are becoming ever more important, as are the growth of new industries and information and communication technologies.

Technological progress is also key to finding lasting solutions to both economic and environmental challenges, such as providing new jobs and promoting energy efficiency. Promoting sustainable industries, and investing in scientific research and innovation, are all important ways to facilitate sustainable development.

Fetching of ranking at various national bodies and accreditation institutions



Commercial Agreement with Group Pharmaceuticals



JSS Dental College and Hospital and JSS College of Pharmacy, constituent colleges of JSS Academy of Higher Education and Research, signed commercial agreement with Group Pharmaceuticals. The commercial agreement is towards commercialization of Developed and patented dental poly herbal emulgel for Candida associated oral stomatitis.

The inventors of the formulation are Dr Meenakshi S, Asst. Professor, Dept. of Prosthodontics, JSSDCH, Dr D V Gowda, Professor and HOD Dept. of Pharmaceutics JSSCP, Dr Anil Kumar Gujjari Professor, Dept of Prosthodontics, JSSDCH.

The agreement was signed between Dr Manjunatha B, registrar, JSSAHER, Mr Sunil Attavar, Chairman and Managing Director Group Pharmaceuticals limited, Dr Meenakshi S, inventor of the product, Principal, Dr Ravindra S, JSS Dental College and Hospital.

The program was held at Sri Rajendra Centenary Auditorium JSS Hospital. The agreement was mediated through Sparkle Cine Innovation platform of JSSAHER.

Elderly Care Award at MEDHA 2022



Our faculty Dr Meenakshi S from department of Prosthodontics along with Mr. Sanjay, Mr Raghavendra from JSS science and technology, and Mr Sagar from JSS College of pharmacy has won Elderly care award for their innovation at MEDHA 2022, organised by BETIC ,(Biomedical engineering & technology innovation center, IIT Bombay)

Infrastructure & learning resources Details

URL Link: <https://jssuni.edu.in/jssa/her/dental-college/dch-library-and-information-center.html>

Details of Central Library

Total Budget sanctioned 2021-22 : 90 lakhs

Total Number of Books : 9817

Journals International: 85, National : 25 , Total : 111

Total Books and journals added in last three years

Year	Total No. books /journals added
2019-2020	Books : 9511
	Journals: 111
	2 databases *
2020-2021	Books : 9566
	Journals: 111
	2 databases *
2021-2022	Books : 9817
	Journals:111
	2 databases *

Global Immersion programme



Global Immersion Program - JSS Dental College Students visit to AIMST University, Malaysia. 08 Students from JSS Dental College & Hospital, Mysuru are undergoing a Global Immersion Program at AIMST University, Malaysia for a period of two weeks. The programme combines study abroad experience and exposure in a multi-cultural setting in Malaysia. This unique experience will enhance the skills

and learning amongst the students and make them competent globally. The JSSAHER Team wishes them a joyful and fruitful learning experience.

Number of functional MoUs with institutions of National, International

Organization with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs
Dept. of Electronics & Communication Engineering, Maharaja Institute of Technology, Mysore			Fabrication of electronic devices for utilization in Dental Prosthodontics.	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

Organization with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs
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 Bhuvanewari 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 & Chairman and Managing Director M/s. Arputha Advanced Systems Pvt. Ltd., Coimbatore
Sri Ramachandra Institute of Higher Education and Research, Chennai	15.02.2022		Collaboration of multi centric project titled "Knowledge, attitude and practice regarding caries risk among dental students – A multi centric study"	Dr Vignesh, Senior lecturer, Dept. of Pedodontics & Preventive Dentistry, Sri Ramachandra Institute of Higher Education and Research Dr Indira M D, Lecturer, Dept. of Pedodontics & Preventive Dentistry, JSSDCH Dr Seema Deshmukh, Reader, Dept. of Pedodontics & Preventive Dentistry, JSSDCH

Organization with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs
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
Triphase Pharmaceuticals Pvt. Ltd.,Hebbal, Mysuru	Jan 2017	5 Years	Commercialization of Oral Composition comprising Thermostable Probiotics for Oral Health –Oral Patch in high caries risk. Which has been developed as a collaborative activity of JSS Academy of Higher Education & Research and Triphase Pharmaceuticals Pvt. Ltd.,(letter of intent received on 11.1.2022) Co-operate in the establishment of a joint activity in providing quality education to prospective students to bridge the gap between academic institution sand the industry.	Dr Seema Deshmukh Reader, Dept. of Pedodontics, JSSDCH.

Organization with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs
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

Research Projects aligning to this goal

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	Grants received	SDG Aligned
1	Principal Investigator: Dr Indira M D Lecturer, Dept. of Pedodontics & Preventive Dentistry Co-PI Dr Sushma Dept. of Pediatrics, JSSH	Oral health status and oral health related quality of life among children born preterm- A cross sectional study	0.25	ISPPD	1 Yr.	Sanctioned 06.06.2022	0.25	9
2	Principal Investigator: Mr Jayachandran P P Course Co-ordinator Dental Mechatronics & Care of SPARKLE CINE foundation JSSAHER	NIDHI-Promotion and acceleration of young and aspiring technology entrepreneurs (NIDHI-prayasee)	5.00	SJCE-STEP NIDHI PRAYAS	1 Yr.	Sanctioned 06.06.2022	2.50	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	SDG Aligned
3	Principal Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Raghavendra Shanbhog, JSSDCH Dr Subbarao, JSSMC Dr Raghunath, JSSDCH Dr Meenakshi, JSSDCH	ATP evaluation of antibiofilm and antimicrobial efficacy of dense denture cleanser tablet	3.0675	Group Pharmaceuticals Ltd., Bangalore	6 Months	Sanctioned 19.02.2022	-	9
4	Principal Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Raghavendra Shanbhog, JSSDCH Dr Subbarao, JSSMC Dr Mruthyunjaya, JSSCP, Mysore Dr Gowthamrajan, JSSCP, Ooty	Fennel Extract Gel for Dental Purpose- Phase-1	1.13503	Group Pharmaceuticals Ltd., Bangalore	1 Year	Sanctioned 03.01.2022	1.13503 (27.01.2022)	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	SDG Aligned
5	Principal Investigator: Dr Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry Co-investigators Dr. Jaishankar HP, JSSDGH, Dr. Suma S, JSSDGH, Dr. Praveen Kulkarni, JSSMC, Dr. Madhu B, JSSMC, Dr. Kishor M, JSSMC	Enhancing identification and counseling skills of medical and dental undergraduate students using a customized e-learning module on Tobacco Counseling - An education innovation project using ADDIE framework.	17.94560	ICMR	3 Yrs.	Sanctioned 30.12.2021	8.79186 (30.12.2021) No.5/13/6/ Tobacco/2020/ NCD- III/30.12.2021	9
6	Principal Investigator: Dr Aruna G Lecturer Dept. of Periodontology Co-PI: Dr Chandrashekar B R, JSSDGH Dr Venkatesh M C, JSSCP Mysore	Effect of locally delivered melatonin as an adjunct to scaling and root planning in the treatment of Periodontitis with or without diabetes	7.8860	DST-SERB	1.5 Yrs.	Sanctioned 29.12.2021 CRG/2021/ 002186/29.12.2021	4.7550 (14.02.2022)	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	SDG Aligned
7	Dr Suman Basavaraju Reader Dept. of Periodontology	Assessing the clinical effectiveness of resorivins as a locally delivered drug as adjuncts to non-surgical periodontal debridement in patients with Periodontitis: clinical and immunological study – A randomized clinical trial	1.00	JSSAHER	2 Yrs.	Ongoing	0.50	9
8	Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	To Evaluate and correlate serum vitamin D levels and antimicrobial peptides in saliva and inverse correlation with inflammatory cytokines in dental health among patients with metabolic syndrome and healthy controls	1.00	JSSAHER	2 Yrs.	Ongoing	0.50	9

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	SDG Aligned
9	Dr Vidya C S, Prof., Dept. of Anatomy, JSSMC Co-investigators Dr Vidya G D, Reader, Dept. of Oral pathology	Digital Image Quantification of fungiform papillae and assessment of the metabalome of oral microflora to screen the plausible antagonist(s) of taste and smell receptors in COVID-19 patients	0.50	JSSAHER	1 Yr.	Ongoing		9
10	Dr Anitha Subbappa Reader Dept. of Periodontology Co-investigators Dr Mahesh P A Prof., Dept. of Pulmonology, JSSMCH Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry	Association of Saliva Interleukin 6 levels in COPD patients with periodontitis	0.50	JSSAHER	1 Yr.	Ongoing	0.25	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	SDG Aligned
11	Dr Mahesh K P Reader, Dept. of Oral Medicine & Radiology Co-investigator Dr Aparna Vijayan N PG Student Dept. of Oral Medicine & Radiology	Efficacy of two different modified brushes for brush biopsy to analyse the cytomorphologic and molecular changes in oral pre-malignant disorders	0.50	JSSAHER	1 Yr.	Ongoing	0.25	9
12	Dr Karthikeya Patil Prof., & HOD Dept. of Oral Medicine & Radiology	Retromolar Canal: A Cone Beam computed tomographic study	0.50	JSSAHER	1 Yr.	Ongoing	0.25	9
13	Dr Priyanka Nitin Lecturer Dept. of Oral Pathology Co-investigator: Dr Vishakantesh Gowda Prof. & HOD, JSSCP, Mysore	Development and commercialization of thermo-chromic hand wash to combat the present COVID 19 pandemic.	0.50	JSSAHER	1 Yr.	Ongoing	0.25	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	SDG Aligned
14	Dr Vidya Priyadharshini D S Reader, Dept. of Periodontology Guide: Dr Ravindra S Prof., Dept. of Periodontology	To evaluate the effect of photo functionalization on secondary stability in short dental implants	0.50	JSSAHER	3 Yrs.	Ongoing	0.25	9
15	Dr Sanjay C J Reader Dept. of Oral Medicine & Radiology	Assessment of Oral Red Patch as a diagnostic marker for vitamin B12 deficiency	0.50	JSSAHER	2 Yrs.	Ongoing	0.25	9
16	Dr B Nandlal Professor Dept. of Paediatrics & Preventive Dentistry	3D Enhanced devices for Dental Procedures for increasing patient and dental team safety during and post COVID-19	0.30	JSSAHER	6 months	Ongoing	0.15	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	SDG Aligned
17	Dr Vinutha M Reader, Dept. of Conservative Dentistry & Endodontics	An in vitro evaluation of the apical sealing ability of Bio Root RCS with various core materials: A micro leakage study using Spectrophotometer	0.20	JSSAHER	6 months	Ongoing	0.20	9
18	Dr Anitha Subbappa Reader Dept. of Periodontology Co- Investigators: Dr Harsha Raj B S Lecturer Dept. of Oral & Maxillofacial Surgery	Determination of P.gingivalis and Streptococcus pyogenes incidence by RT PCR in patients with facial space infections caused by odontogenic etiology and prognosis with specific antibiotic therapy determined by antibiotic culture sensitivity	0.26	JSSAHER	2 Yrs.	Ongoing	0.13000	9

Faculty Submitted projects

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
1.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Monitoring the effect of indoor air quality in dental healthcare units on the dental health professional and nurses.		ICMR	3 Yrs.	Submitted 15.7.2022		9
2.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Detection and classification of mandibular fracture on CT scan using deep neural network	10.00	BIRAC Ref. No. BT/AGC-JC0144/01/22	6 Months	Submitted May-2022		9
3.	Principal Investigator: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Machine learning based smart mobile application for detecting clinical dental fluorosis	10.00	BIRAC Ref. No. BT/AGC-JC0050/01/22	6 Months	Submitted May-2022		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	SDG Aligned
4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for debilitated bed-ridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/AGC-JC0153/01/22	6 Months	Submitted May-2022		9
5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022		9
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022		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	SDG Aligned
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022		9
8.	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry Co-PI: Mr Jayachandran PP.	Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.	25.00	VGST	2 Yrs.	Submitted 22.02.2022		9

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	SDG Aligned
9.	Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillo-facial Surgery Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillo-facial Surgery	Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.	19.58	VGST	2 Yrs.	Submitted 23.02.2022		9
10.	Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Perio-dontology Co-PI: Dr Shreeshyala H S Lecturer Dept. of Oral Pathology & Microbiology	Comparison of the efficacy of combination of punica granatum and citrus para-dise herbal extract mouth rinse with chlor-hexidine gluco-nate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study	1.00	ICMR	6 months	Submitted 19.02.2022		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	SDG Aligned
11.	Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Deep learning based system for automatic cephalometric analysis (Inter-institutional research project with SJCE)	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022		9
12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry	Core and shell type multi-functional YSZ based composite material for dental application	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022		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	SDG Aligned
13.	Dr Shyam Sundar S Reader Dept. of Oral & Maxillo-facial Surgery	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022		9
14.	Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy,- JSSDC Prof., Aradya HV, JSS-MC	Investigation of <i>Hylicobacter pylori</i> in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021		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	SDG Aligned
15.	Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS	Efficacy of infection respon- sive anti-candida thin film based zinc oxide nano- materials in the management of denture stomati- tis – a random- ized controlled trial	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021		9
16.	Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Prashanth Murthy Dr Deepthi Thandavesh- wara, JSSMC Dr RaviShankar SN Accreate Labs Private Limited, B'lore	Assessment of effectiveness of 3D bioprinted feeding applianc- es on feeding practices and growth parameters in cleft lip and palate affected infants – A Randomized Controlled Trial	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021		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	SDG Aligned
17.	Principal Investigator: Dr Anitha S Reader, Dept. of Perio- odontology Co-PI: Dr Ravindra S, JSSDCH Dr Suneethshetty, JSS- DCH Dr Vidyawathi Chitharagi, JSSMC Dr Prasanna H R, JSS- MC Dr Tejashree A, JSSMC	Comparative Evaluation of the effects of photo- dynamic therapy versus diode laser on microbio- ota of endoperio lesions in type 2 diabetes patients	37.00	SERB Govt. of India	30 Months	Submitted 27.11.2021		9
18.	Principal Investigator: Dr Paramull J Reader Dept. of Conservative Dentistry & Endodontics	Evaluation of the remineralisation potential of four toothpastes on artificially in- duced carious lesion – an in vitro pilot study	1.67	Dabur India Ltd.,	1 Yr.	Submitted Sept-2021 MOU on 1.12.2021		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	SDG Aligned
19.	Principal Investigator: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Oral Candidiasis, HIV, Tuberculosis and Co-existence of the trio- A prospective clinical study to investigate the potential of oral candidiasis in HIV patients as early diagnostic indicator of tuberculosis	29.00	ICMR-ITRC	3 Yrs.	Submitted August-2021		9
20	Dr Prathibha Shashikumar Reader Dept. of Periodontology	Clinical evaluation of photodynamic therapy using indocyanine green loaded chitosan nanoparticles, as an adjunct to non-surgical periodontal therapy in patients with chronic periodontitis"- A randomized controlled trial	0.85	JSSAHER	1 Yr.	Submitted 29.06.2022		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	SDG Aligned
21	Dr Sheelakumar Gujjari Professor Dept. of Periodontology	Evaluation of cinnamon mucosal patch on candida albicans in diabetic patients with chronic periodontitis	0.95775	JSSAHER	1 Yr.	Submitted 26.05.2022		9

ICMR / VGST FINANCIAL ASSISTANCE FOR STUDENTS MDS DISSERTATION THESIS

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
1	Principal Investigator Dr Abhinav Kathuria PG Student Guide: Dr Shivananda S, Reader, Dept of Oral & Maxillofacial Surgery	Comparative evaluation of bone and soft tissue healing around dental implants among diabetic and hypothyroidism patients – A prospective case control study	0.50	ICMR	1 yr.	Submitted July-2022		9
2	Principal Investigator Dr Suman S D PG Student Dept. of Pedodontics & Preventive Dentistry	Machine learning and deep learning application of lateral cephalometric parameters of growth prediction in children: A comparative study	0.10	ISPPD	1 yr.	Submitted Jan-2022 Approval pending		9
3	Principal Investigator Ms Anusha U BDS Student Guide: Dr Usha Hegde Professor Dept. of Oral pathology	Utility of cytology in immunohistochemical analysis: A comparative assessment among oral potentially malignant disorders and normal mucosa	0.50	ICMR-STS	2 months	Sanctioned May-2022 (Submitted 21.02.2022)		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
3A	Principal Investigator Ms Sara Sultana BDS Student Guide: Dr Sreeshyla H S Lecturer Dept. of Oral pathology	Salivary pH, flow, viscosity and lactate dehydrogenase biomarker-A comparative analysis among tobacco habitués associated with and without oral potentially malignant disorders	0.50	ICMR-STS	2 months	Sanctioned May-2022 (Submitted 21.02.2022)		9
4	Principal Investigator Ms Srushti Shivaraj Sunkad BDS student Guide: Dr Sanjay C J Reader Dept. of Oral Medicine & Radiology	Prevalence of oro-nucosal changes in non-alcoholic fatty liver disease (NAPID) in Indian population	0.50	ICMR-STS	2 months	Submitted 21.02.2022		9
5	Principal Investigator Ms Kevilenud Sekhose BDS student Guide: Dr Nitin V M Reader Dept. of Orthodontics & Dentofacial Orthopedics	Assessment of antimicrobial efficacy curcumin on the oral microbiota in orthodontic patients	0.50	ICMR-STS	2 months	Submitted 21.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
6	Principal Investigator Ms Harshita Bharat Prem BDS student Guide: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Development and evaluation of public awareness tool kit in appropriateness of FACE MASK and Covid-19 vaccine under the age of 18 years.	0.50	ICMR-STS	2 months	Submitted 19.02.2022		9
7	Principal Investigator Ms Krihshnapriya Varma BDS student Guide: Dr Ravi M B Reader Dept. of Prosthodontics and Crown & Bridge	Assessment of anxiety among geriatric patients during prosthodontics treatment	0.50	ICMR-STS	2 months	Submitted 19.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
8	Principal Investigator Ms Priyanka C P BDS student Guide: Dr Manjula S Reader, Dept. of Oral & Maxillofacial Surgery	Comparative evaluation of post extraction socket healing in diabetic and non-diabetic patients a prospective study	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
9	Principal Investigator Ms Shevangi Baruah Pegu BDS student Guide: Dr R Sathish Professor Dept. of Oral & Maxillofacial Surgery	Neurological consequences of oral and maxillofacial surgery	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
10	Principal Investigator Mr Adithya Mahesh BDS student Guide: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Evaluation of effect of augmented reality assisted tooth brush on theoral hygiene practices among 6-8 year old children	0.50	ICMR-STS	2 months	Sanctioned May-2022 (Submitted 18.02.2022)		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
11	Principal Investigator Ms Nishika S Gowda BDS student Guide: Dr Nagabhushana Doggalli Reader, Dept. of Oral Medicine & Radiology	Willems method of age estimation in mysuru population	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
12	Principal Investigator Ms Sumukhi S Rao BDS student Guide: Dr B Nandlal Professor Dept. of Pedodontics & Preventive Dentistry	Evaluating efficacy of remote site education by whats app using filmed version of brushing method in children with type 1 diabetes	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
13	Principal Investigator Ms Aston Varghese BDS student Guide: Dr Maurya M Lecturer Dept. of Public Health Dentistry	Oral Health status and quality of life among middle aged male smokers and non-smokers in mysore city-A comparative study	0.50	ICMR-STs	2 months	Sanctioned May-2022 (Submitted 18.02.2022)		9
14	Principal Investigator Ms Anju Vijayan Nair BDS student Guide: Dr Aruna G Lecturer Dept. of Periodontology	Expression of autophagy-5 protein in periodontal health and disease	0.50	ICMR-STs	2 months	Submitted 18.02.2022		9
15	Principal Investigator Ms Reshmitha R BDS student Guide: Dr Sushma R Lecturer Dept. of Public Health Dentistry	Influence of personal, social, environmental factors on adolescents consuming carbonated drinks and its effect on hard tissues of oral cavity	0.50	ICMR-STs	2 months	Submitted 18.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
16	Principal Investigator Ms Suhani Jain BDS student Guide: Dr Sowmya H K Lecturer Dept. of Conservative Dentistry & Endodontics	Comparison of dentinal tubule occlusion of an herbal and non herbal mouthwash-A scanning electron microscopic study	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
17	Principal Investigator Ms Tejaswini Agarwal BDS student Guide: Dr Talwade priyanka Lecturer Dept. of Pedodontics & Preventive Dentistry	Impact of covid-19 on healthcare profession aspirants will the virus expedite the shortage of doctors in the country-A cross sectional survey	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
18	Principal Investigator Mr Abhinav P R BDS Student Guide: Dr Mahesh K P Reader, Dept. of Oral Medicine & Radiology	A comparative study between self controlled energetic neuro adaptive regulator and commercially available similar equipment in the management of orofacial pain	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
19	Principal Investigator Ms Disha R Jain BDS student Guide: Dr Girish M S Reader, Dept. of Pedodontics & Preventive Dentistry	Knowledge about oral health status during pregnancy and awareness of infant oral health among mothers in anti natal period	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
20	Principal Investigator Ms Annmaria Reeson Guide: Dr Annapoorna B M Professor Dept. of Conservative Dentistry & Endodontics	A prospective cohort study in patients with dental lesions during different gestation period in the province of mysuru	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
21	Principal Investigator Ms Dishani Halder BDS student Guide: Dr Chandrashekar B R Prof. & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing knowledge, practices on emergency management of tooth avulsion among Karnataka state road transport corporation employees in mysuru	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
22	Principal Investigator Ms Samyuka S Gowda BDS student Guide: Dr Sunitha S Reader, Dept. of Public Health Dentistry	Antimicrobial efficacy of essential oils of clove, tulsi and eucalyptus on smutans and lactobacillus in composition with 0.27 clohexidine – an in vitro experimental study	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9
23	Principal Investigator Ms Akanksha Choudhary BDS student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluate and correlate the salivary vitamin D and salivary calcium and phosphorus levels in patients with dental caries in healthy male and female	0.50	ICMR-STS	2 months	Submitted 18.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
24	Principal Investigator Ms Sreelakshmi M D BDS student Guide: Dr Shruti S Kumar Lecturer Dept. of Pedodontics & Preventive Dentistry	Estimation of salivary cortisol levels in children with mild to moderate hearing loss.	0.50	ICMR-STS	2 months	Submitted 17.02.2022		9
25	Principal Investigator Ms Aiswariya P BDS student Guide: Dr Avinash B S Reader, Dept. of Periodontology	Comparison of reduction of dental plaque and gingivitis with and without visual aid instructions in orthodontic cases a randomized single blind clinical study	0.50	ICMR-STS	2 months	Submitted 17.02.2022		
26	Principal Investigator Ms Lakshmeesha D BDS student Guide: Dr Shivananda S Lecturer Dept. of Pedodontics & Preventive Dentistry	Evaluation of the antibacterial efficacy of the essential oil of spilanter acmella on bacteria causing dental caries and periodontal disease – an in vitro microbiological array	0.50	ICMR-STS	2 months	Submitted 17.02.2022		

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
27	Principal Investigator Ms Sandra Prasad Felix Cherukodath BDS student Guide: Dr Brinda Suhas Godhi Reader Dept. of Pedodontics & Preventive Dentistry	Anti-bacterial efficacy of alpinia officinarum against oral pathogen in comparison with commercially available mouthwash-an in vitro study	0.50	ICMR-STS	2 months	Submitted 17.02.2022		9
28	Principal Investigator Ms Samredhi Singh BDS student Guide: Dr Indira M D Lecturer Dept. of Pedodontics & Preventive Dentistry	Prevalence of early childhood caries among children born pre term – A cross sectional study	0.50	ICMR-STS	2 months	Submitted 17.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
29	Principal Investigator Ms Akshitha Bhatt Yogaraj BDS student Guide: Dr Parinitha M S Reader, Dept. of Conservative Dentistry & Endodontics	To compare the effect of propolis varnish and green tea varnish on treatment of dentinal hypersensitivity. An in-vitro scanning electron microscope study	0.50	ICMR-STS (2022-06373)	2 months	Sanctioned June -2022 (Submitted 17.02.2022)		9
30	Principal Investigator Ms Himma M Final BDS student Guide: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	A biomechanical reinforcement of PMMA denture based material with sericin and fibroin; A preliminary screening study	0.50	ICMR-STS	2 months	Sanctioned May -2022 (Submitted 17.02.2022)		9
31	Principal Investigator Mr Swagatam Dhali BDS student Guide: Dr Anitha S Reader Dept. of Periodontology	Evaluation of migration inhibitory factor, (MDF) Level in gingival crevicular fluid and serum in periodontal health and disease with and without type-II diabetes	0.50	ICMR-STS	2 months	Submitted 16.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
32	Principal Investigator Mr Arjun S BDS student Guide: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge	Analysis of associatin between oral hygiene, tooth loss among Alzheimer patients using montreal cognitive assessment and lactoperrin salivary biomarkers	0.50	ICMR-STS	2 months	Submitted 16.02.2022		9
33	Principal Investigator Ms. Anuhashitha Karanam Thinnapuram BDS student Guide: Dr Premalatha B R Reader, Dept. of Oral Pathology & Microbiology	Cheilosopic analysis of different ethnic population of south India –A cross sectional study	0.50	ICMR-STS	2 months	Submitted 16.02.2022		9
34	Principal Investigator Ms. Pragathi M H BDS Student Guide: Dr Chandan S N Reader Dept. of Oral & Maxillofacial Surgery	Prevalence of antibiotic resistance in odontogenic space infection	0.50	ICMR-STS	2 months	Submitted 04.02.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
35	Principal Investigator Ms Kiruthika M IV BDS student Guide: Dr Anupama C Lecturer Dept. of Prosthodontics and Crown & Bridge	Prevalence of missing tooth and reasons for not replacing lost teeth: a cross-sectional survey among dental students and medical students	0.50	ICMR-STS	2 months	Submitted 03.02.2022	-	9
36	Dr Parvathi Sudeep PG Student Guide: Dr Paras Mull J Reader, Dept. of Conservative Dentistry & Endodontics	Apically extruded debris and canal cleanliness following retreatment of calcium silicate-based sealer and single cone obturation with XP-endo shaper and wave one gold with the without the use of supplementary instrumentation techniques: an in vitro comparative study	0.50	JSSAHER	1 Year	Submitted 08.08.2022		9
37	Dr Ankita Singh PG Student Guide: Dr Sunil Tejaswi Reader, Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of microhardness and color change of root dentin using punica greanatum (Pomegranate extract), sodium hypochlorite, chlorhexidine and normal saline as an endodontic irrigant – an in vitro study	0.67	JSSAHER	2 Years	Submitted 08.08.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
38	Dr Kotha Naga Sai Maruti Venkanna Gupta PG Student Guide: Dr Annapoorna B M Prof., Dept. of Conservative Dentistry & Endodontics	Comparative evaluation of dentine remineralization potential of different agents using QLF, SEM, DEX-An vitro study	0.88	JSSAHER	2 Years	Submitted 08.08.2022		9
39	Dr Akshay G PG Student Guide: Dr Parinitha M S Prof., Dept. of Conservative Dentistry & Endodontics	Effect of herbal antioxidant on push out bond strength of resin based composite to dentin after intracoronal bleaching – an invitro study	0.60	JSSAHER	2 Years	Submitted 08.08.2022		9
40	Dr Prakash P PG Student Guide: Dr Anilkumar G Prof., Dept. of Prosthodontics and Crown & Bridge	Evaluation of ultraviolet light, dentifrices and tap water brushing techniques for disinfecting removable acrylic dentures – A comparative ex-vivo study	0.47	JSSAHER	2 Years	Submitted 08.08.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
41	Dr Laura Anne Prisca Melba Albuquerque PG Student Guide: Dr Sunila B S Reader Dept. of Prosthodontics and Crown & Bridge	Efficacy of chemically and biologically synthesized zinc oxide nanoparticles incorporated in soft denture liner against candida albicans – A comparative in vitro study	0.49	JSSAHER	2 Years	Submitted 11.07.2022		9
42	Dr M Anusuya PG Student Guide: Dr Ravi M B Reader Dept. of Prosthodontics and Crown & Bridge	Incorporation of naturally obtained hydroxyapatite nanoparticles in resin luting cements and GIC to evaluate water sorption and solubility – an in vitro study	0.37	JSSAHER	2 Years	Submitted 18.05.2022		9
43	Dr Nikita Sebastian PG Student Guide: Dr Ashwini T S Reader, Dept. of Conservative Dentistry & Endodontics	Evaluation and comparison of the efficiency of ultrasonically activated intracanal irrigants grape seed and pineapple extract in removing the smear layer from the apical third of the root canal: An in vitro SEM analysis	0.25	JSSAHER	2 Years	Sanctioned JSSAHER/REG/ RES/URG/54/2011- 12/2267/27.5.2022		9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
44	Dr Kritika Banerjee PG student Guide: Dr Sheelakumar G Prof., Dept. of Periodontology	Assessment of wound healing using MMP-8 levels in GCF of diabetics with chronic periodontitis after diode laser assisted flap surgery	0.534	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022	0.125	9
45	Dr Mirunalini Sundaravadivelu PG student Guide: Dr Chandrashekar B R, Dept. of Public Health Dentistry	Evaluation of sealant retention and caries prevention on first and second premolars and molars among 6-14 years old children-A double blind randomized split mouth trial.	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12/ 10419/24.2.2022	0.125	9
46	Dr Madhushree J T PG Student Guide: Dr Deepika P C Professor, Dept. of Periodontology	Evaluation of ocimum sanctum local drug delivery as an adjunct to scaling and root planning in the treatment of chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	1 Yr.	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12 / 10392/15.2.2022	0.125	9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
47	Dr Priyanka Agarwal PG Student Guide: Dr Prathibha Shashikumar Reader, Dept. of Periodontology	Efficacy of Antimicrobial photodynamic therapy using indocyanine green as an adjunct to non-surgical periodontal therapy in controlled type 2 diabetes mellitus patients with chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER	3 Months	Ongoing No.JSSAHER/REG/ RES/ URG/54/2011-12 / 10392/15.2.2022	0.125	9
48	Dr Jeessica PG Student Guide: Dr B Nandlal Prof., & HOD, Dept.of Pedodontics & Preventive Dentistry	Evaluation of remineralization of demineralized dentin of primary teeth using quantitative light induced fluorescence and scanning electron microscope study: An in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125	9
49	Dr Harshitha N PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of vitamin D oral gel in prevention and management of radiation induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/ DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125	9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
50	Dr Romali Panda PG Student Guide: Jaishankar H P Reader, Dept. of Oral Medicine & Radiology	Serum vitamin B12 deficiency in metformin and non metformin treated type 2 diabetes mellitus patients: A comparative study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9
51	Dr Renuka Devi K R PG Student Guide: Dr Karthikeya Patil Prof., & HOD, Dept. of Oral Medicine & Radiology	Efficacy of zinc sulfate mouthwash in managing patients with radiotherapy induced oral mucositis	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9
52	Dr Soumee Sengupta PG Student Guide: Dr Ganesh S Reader, Dept. of Prosthodontics and Crown & Bridge	Comparative evaluation of antibacterial efficacy of red diode laser and 0.2% chlorhexidine against aggregatibacter Actinomycetemcomitans present on implant abutments – an ex-vivo study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
53	Dr Bharath S PG student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Antimicrobial efficacy of essential oils of clove, neem and cinnamon on streptococcus mutans and Lactobacillus acidophilus in comparison with 0.2% chlorhexidine – An in-vitro study	0.25	JSSAHER	9 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9
54	Dr Mirunalini Sundaravadivelu PG Student Guide: Dr Chandrashekar Prof., & HOD, Dept. of Public Health Dentistry	Effectiveness of dental health education in enhancing the knowledge, attitude and practices related to emergency management of dental trauma and tooth avulsion among ASHA workers in Mysuru district – An interventional study	0.20	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.10	9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
55	Dr Shyla Dureja PG Student Guide: Dr Raghavendraswamy Prof., Dept. of Prosthodontics and Crown & Bridge	Effect of incorporation of reduced graphene oxide nanoparticles on the mechanical properties of heat cured polymethylmethacrylate denture base resin material fabricated by conventional processing method : An in-vitro study	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/56661/ Dt 1.10.2021	0.125	9
56	Dr Dipasha Kirthi Rao PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Assessment of orthodontic treatment needs in individuals with sleep disordered breathing	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/56661/ Dt 1.10.2021	0.125	9
57	Dr Saumya Upadhyay PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	A comparison of treatment effects produced by advansync and forsus fatigue resistant device in growing class II patients – An in vivo study	0.25	JSSAHER	1.5 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/56661/ Dt 1.10.2021	0.125	9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
58	Dr Anusha A Joshi PG Student Guide: Dr Raghunath N Orthodontics & Dentofacial Orthopedics	Analysis and comparison of pharyngeal airway morphology and dentoskeletal changes following mandibular advancement with functional appliances in class II malocclusion with skeletal mandibular retrognathism: A CBCT study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125	9
59	Dr Aiswarya Balakrishna PG Student Guide: Dr B Nandlal HOD, Dept. of Paediatric & Preventive Dentistry	A Comparative Assessment of the efficacy of commercially available low concentration bleaching agents using quantitative light induced fluorescence in removing stains: an in vitro study	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/ 54/2011-12/5661/ Dt 1.10.2021	0.125	9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
60	Dr Ashwini K P PG student Guide Dr Raghavendra Shanbhog Reader, Dept. of Paediatric & Preventive Dentistry	Efficacy of Self assembling peptide P 11-4 in constructing a remineralization scaffold on incipient enamel lesions on human enamel, used in combination with calcium phosphate based remineralization compounds: An in vitro study.	0.25	JSSAHER	2 Years	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9
61	Dr Arundhatee Banerjee PG Student Guide: Dr Seema Deshmukh Reader, Dept. of Paediatric & Preventive Dentistry	An In Vitro comparative evaluation of the efficacy of green tea and chia seeds extract as intra canal irrigant on smear layer removal and its effect on the microhardness of root dentine.	0.25	JSSAHER	1 Year	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9
62	Dr Contractor Inshiya Alazhar PG Student Guide: Dr Girish M S Reader, Dept. of Paediatric & Preventive Dentistry	An in-vitro evaluation of tooth discolouration and shear bond strength of Glass ionomer cement bonded to tooth surface pre-treated with silver Diamine fluoride and Glutathione bio-molecule	0.25	JSSAHER	4 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing/ completed/ submitted	Grants received	SDG Aligned
63	Dr Brindha M PG Student Guide: Dr Parasmull G Reader, Dept. of Conservative Dentistry & Endodontics	Effect of two universal bonding agents on fracture resistance, microleakage and fluoride release in class 2 MOD cavities of maxillary premolars restored with active bioactive-an in vitro comparative study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9
64	Dr Raveena P John PG Student Guide: Dr Vinutha M Reader, Dept. of Conservative Dentistry & Endodontics	An in vitro comparative study of fluoride ion release from tooth coloured dental restorative materials using ion selective electrode and spectrophotometer	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9
65	Dr Ashique Navas K K PG Student Guide: Dr Annapoorna B M HOD, Dept. of Conservative Dentistry & Endodontics	Comparative Evaluation of Fracture resistance of varying thickness of peri-cervical dentin (PCD) reinforced with different obturation materials-an invitro study	0.25	JSSAHER	3 Months	Ongoing Sanctioned vide order no.REG/DIR(R)/URG/54/2011-12/5661/ Dt 1.10.2021	0.125	9

External Funded Research Projects: Submitted

Sl. No.	Name of the faculty / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency	Period From To	Status Ongoing / completed / submitted	SDG Aligned
1.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Monitoring the effect of indoor air quality in dental healthcare units on the dental health professional and nurses.		ICMR	3 Yrs.	Submitted 15.7.2022	9
2.	Principal Investigator: Dr B Nandlal Prof., & HOD, Dept. of Pedodontics & Preventive Dentistry	Detection and classification of mandibular fracture on CT scan using deep neural network	10.00	BIRAC Ref. No. BT/ AGCJC0144/01/22	6 Months	Submitted May-2022	9
3.	Principal Investigator: Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Machine learning based smart mobile application for detecting clinical dental fluorosis	10.00	BIRAC Ref. No. BT/ AGCJC0050/01/22	6 Months	Submitted May-2022	9
4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for dehabilitated bedridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/ AGCJC0153/01/22	6 Months	Submitted May-2022	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	SDG Aligned
5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022	9
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022	9
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022	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	SDG Aligned
8.	Principal Investigator: Dr Chandrashekar B R Prof. & HOD Dept. of Public Health Dentistry Co-PI: Mr Jayachandran PP.	Evolution of a solar based mini mobile and portal dental unit for promotion of oral health in rural and tribal areas.	25.00	VGST	2 Yrs.	Submitted 22.02.2022	9
9.	Principal Investigator: Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery Co-PI: Dr Sahithkumar Shetty Asso. Prof., Dept. of Oral & Maxillofacial Surgery	Enhancement and improvement of skill lab infrastructure for training in the management of medical emergencies in dental practice.	19.58	VGST	2 Yrs.	Submitted 23.02.2022	9
10.	Principal Investigator: Dr Prathibha Shashikumar Reader, Dept. of Periodontology Co-PI: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Comparison of the efficacy of combination of punica granatum and citrus paradise herbal extract mouth rinse with chlorhexidine gluconate mouth rinse in the treatment of chronic gingivitis-A clinical and microbiological study	1.00	ICMR	6 months	Submitted 19.02.2022	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	SDG Aligned
11.	Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	Deep learning based system for automatic cephalometric analysis (Inter-institutional research project with SJCE)	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022	9
12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry	Core and shell type multi-functional YSZ based composite material for dental application	44.91	DST (Collaborative research with NIE, Mysore)	2 Yrs.	Submitted 14.01.2022	9
13.	Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery	Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration	600.00	DST		Submitted 15.01.2022	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	SDG Aligned
14.	Principal Investigator: Dr Anupama C Lecturer, Dept. of Prosthodontics Co-PI: Prof., Akila Prashanth, JSSMC Dr Suchitha Satish, JSSMC Dr Raghavendraswamy, JSSDC Prof., Aradya HV, JSSMC	Investigation of <i>Helicobacter pylori</i> in saliva and denture biofilm of completely edentulous geriatric patients with dyspeptic symptoms and determination of its association to gastric infection	15.00	ICMR	31 Months	Submitted 18.12.2021	9
15.	Principal Investigator: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge Co-PI: Dr Seema Deshmukh Dr Asha Sreenivasan, FLS	Efficacy of infection responsive anti-candida thin film based zinc oxide nanomaterials in the management of denture stomatitis – a randomized controlled trial	17.89169	SERB Govt. of India	30 Months	Submitted 14.12.2021	9
16.	Principal Investigator: Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry Co-PI: Dr Prashanth Murthy Dr Deepti Thandaveshwara, JSSMC Dr RaviShankar SN Accreate Labs Private Limited, B'lore	Assessment of effectiveness of 3D bioprinted feeding appliances on feeding practices and growth parameters in cleft lip and palate affected infants – A Randomized Controlled Trial	26.71393	SERB Govt. of India	30 Months	Submitted 13.12.2021	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	SDG Aligned
17.	Principal Investigator: Dr Anitha S Reader, Dept. of Periodontology Co-PI: Dr Ravindra S, JSSDCH Dr Suneethshetty, JSSDCH Dr Vidyawathi Chitharagi, JSSMC Dr Prasanna H R, JSSMC Dr Tejashree A, JSSMC	Comparative Evaluation of the effects of photodynamic therapy versus diode laser on microbiota of endoperio lesions in type 2 diabetes patients	37.00	SERB Govt. of India	30 Months	Submitted 27.11.2021	9
18.	Principal Investigator: Dr Parasmull J Reader Dept. of Conservative Dentistry & Endodontics	Evaluation of the remineralisation potential of four toothpastes on artificially induced carious lesion – an in vitro pilot study	1.67	Dabur India Ltd.,	1 Yr.	Submitted Sept-2021 MOU on 1.12.2021	9
19.	Principal Investigator: Dr Shreeshyla H S Lecturer Dept. of Oral Pathology & Microbiology	Oral Candidiasis, HIV, Tuberculosis and Co-existence of the trio- A prospective clinical study to investigate the potential of oral candidiasis in HIV patients as early diagnostic indicator of tuberculosis	29.00	ICMR-ITRC	3 Yrs.	Submitted August-2021	9

Innovations in academics through Lectures organised by Academic Society

Faculty awards

Sl no	Particulars
1	Dr Pradeep S, Lecturer, Dept. of Orthodontics & Dentofacial Orthopedics Awarded as Diplomate of the Indian Board of Orthodontics - Indian Board of Orthodontics Convocation, Saveetha Dental College, Chennai, 16th & 17th September 2021 - National
2	Dr Bhagyalakshmi A, Reader, Dept. of Orthodontics & Dentofacial Orthopedics Faculty Advisor and Project Mentor titled - MAHE- FAIMER International Institute for Leadership in Inter professional Education (M-FIILPE), Manipal Academy of Higher Education, Manipal in collaboration with Foundation for Advancement of International Medical Education and Research, Philadelphia, USA, 31st July to 18th September 2021 - International
3	Dr Bhagyalakshmi A, Reader, Dept. of Orthodontics & Dentofacial Orthopedics Awarded Covid warrior titled - JSS Hospital, M G Road, Mysuru, 18th September 2021 - National
4	Dr Vidya G D, Reader, Dept. of Oral Pathology & Microbiology Awarded first position in scientific poster presentation Sterilization methods on extracted human teeth - A Comparative study on evaluation of efficacy - 18th Annual National Conference of Indian Association of Forensic Odontology on Innovations and Trends in Forensic Odontology, Dept. of Forensic Medicine, Seth G S Medical College and KEM Hospital, Mumbai in collaboration with Dept. of Oral Pathology & Microbiology, Nair Hospital Dentaql College, Mumbai, 25th & 26th September 2021 - National
5	Dr Brinda S Godhi, Reader, Dept. of Pediatric and Preventive Dentistry Awarded Corona warrior - Mysuru City Corporation, Mysuru, October 2021 - Regional
6	Dr Thippeswamy H M, Reader, Dept. of Public Health Dentistry PhD awarded in Faculty of Dental Sciences A study of determine the effect of fluoride in drinking water on calcium, vitamin-D and associated hormones in pregnant women and their newborns - JSS AHER, Mysuru, 11th October 2021 - National
7	Dr Mahesh K P, Reader, Dept. of Oral Medicine & Radiology Recognition for his invaluable contribution & cooperation extended - Lions Club of Mysore Millennium & Sanjana Balaga Pratisthana, Mysuru, 17th October 2021 - Regional
8	Dr Nitin V Muralidhar, Reader, Dept. of Orthodontics & Dentofacial Orthopedics Winning Top 10 in the Global Outreach Dental Innovation Award 2021 - Mini Implant Supporting Molar Tube for Orthodontics (MIST) - Global Outreach Medical and Health Association, BioLine Dental Implants System, India, 7th October 2021 - National
9	Dr Mahesh K P, Reader, Dept. of Oral Medicine & Radiology Awarded the prestigious Asia Pacific award – Life Time Achievement in education sector The award is given looking at his achievements and hard work since 15 years - Belagave Education Pvt Ltd, Maharashtra and Common Wealth Vocational University, Kingdom of Tonga, Belagave Education Pvt Ltd, Maharashtra, 23rd October 2021 - International

Sl no	Particulars
10	Dr Sushma R, Lecturer, Dept. of Public Health Dentistry PhD awarded in Faculty of Dental Sciences Antimicrobial efficacy of simarouba glauca lead extract on dental plaque microorganisms - JSS AHER, Mysuru, 29th October 2021 - National
11	Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge Awarded Implant Fellowship Dental implants - S M Dental Study Group, S M Dental Study Group, Madanapalle, AP, 22nd to 24th October 2021 - National
12	Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge Awarded Best paper presentation Development and evaluation of polyherbal formulation for antifungal activity in geriatric denture wearers-A randomized double blind clinical trial - World Dental Conference 2021, World Dentists Association - Virtual, 27th to 31st October 2021 - International
13	Dr Brinda S Godhi, Reader, Dept. of Pediatric and Preventive Dentistry PhD awarded in Faculty of Dental Sciences - JSS AHER, Mysuru, October-2021 - National
14	Dr Sushma R, Lecturer, Dept. of Public Health Dentistry PhD awarded in Faculty of Dental Sciences - JSS AHER, Mysuru, October-2021 - National
15	Dr Nandlal B, Prof. & HOD, Dept. of Pediatric and Preventive Dentistry Nominated as Vice Chair - Cleft and Craniofacial Anomalies Board of Federation of Special Care Dentistry, India, 19th November 2021 - National
16	Dr Brinda S Godhi, Reader, Dept. of Paedodontics and Preventive Dentistry Served as Executive Committee Member, - Indian Society of Pedodontics and Preventive Dentistry (ISPPD), Greater Noida, 2019-2021 - National
17	Dr Chandrashekar B R, Prof. & HOD, Dept. of Public Health Dentistry Winning first best scientific paper under faculty category Evaluating the effectiveness of a customized tobacco counseling training module (tctm) in enhancing knowledge, attitude, skills among undergraduate dental students - An educational intervention study - 25th IAPHD National Conference, Virtual, 19th to 21st November 2021 - National
18	Dr Chandrashekar B R, Prof. & HOD, Dept. of Public Health Dentistry Winning best scientific paper Evaluating the effectiveness of a customized tobacco counseling training module (tctm) in enhancing knowledge, attitude, skills among undergraduate dental students - An educational intervention study - 25th IAPHD National Conference, Virtual, 19th to 21st November 2021 - National
19	Dr Mahesh K P, Reader, Dept. of Oral Medicine & Radiology Winning best scientific paper Formulation and clinical study on mouth dissolving lornoxicam in management of post operative pain - 32nd National IAOMR Conference 2021, Dept. of Oral Medicine & Radiology, Mamata Dental College, Khammam, Telangana, 3rd to 5th December 2021 - National
20	Dr Sushma R, Dr Maurya M (Co-author), Dr Nagabhushana D, (Co-author), Dept. of Public Health Dentistry, Oral Medicine & Radiology Winning the Third prize (Clinician) Paper presentation Impact of complementary and alternative medicines on dentistry - IDRR Meet, Indian Dentist Research and Review and association of Interdisciplinary Dentistry India Chapter, 11th & 12th December 2021 - International

SI no	Particulars
21	Dr Sowmya S, Dr Ravi M B (Co-author), Dr Anupama C (co-author), Lecturer Reader, Lecturer, Dept. of Prosthodontics and Crown & Bridge Winning the Second prize (Clinician) Paper presentation Antifungal effect of propolis procured from Sullia and Hubballi cities of Karnataka - IDRR Meet, Indian Dentist Research and Review and association of Interdisciplinary Dentistry India Chapter, 11th & 12th December 2021 - International
22	Dr Satish R, , Professor, Dept. of Oral & Maxillofacial Surgery Awarded Best scientific poster presentation (Faculty) Zygomaticomaxillary fracture fixation: A prospective comparative evaluation of two point vs. three point fixation - KIDS Webcon - Oral & Maxillofacial Surgery chapter, Kalinga Institute of Dental Sciences, KIIT Deemed to be University, Bhubaneswar, Odisha, 13th & 14th December 2021 - National
23	Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge Industrial collaboration - Commercialization with Group Pharmaceuticals Dental polyherbal emergel - Group Pharmaceuticals Ltd., Group Pharmaceuticals Ltd., Bengaluru, 14th December 2021 - National
24	Dr Sowmya S, Lecturer, Dept. of Prosthodontics and Crown & Bridge In recognition of an outstanding contribution to the quality of the journal in reviewing - Journal of Pharmaceutical Research International, Journal of Pharmaceutical Research International, 27th December 2021 - National
25	Dr Annapoorna B M, Prof & HOD, Dept. of Conservative Dentistry and Endodontics Faculty of Yoga is pleased to award the Certificate of Yoga Teacher's Course (YTC) - Department of Yoga, , JSS AHER, December 2021 - Regional
26	Dr Anupama C, Lecturer, Dept. of Prosthodontics and Crown & Bridge In recognition of the appointment as an Editorial Board Member of International Journal of Dental Medicine (IJDM) - Science Publishing Group Inc., India, 14th January 2022 to 14th January 2024 - National
27	Dr Anitha S, Reader, Dept. of Periodontology Won Consolation prize for the scientific paper presentation in the Faculty category Vertical root fracture (VRF) - 2nd Virtual ISPRP National Conference, Vishnu Dental College, Bhimavaram, AP, 4th to 6th February 2022 - National
28	Dr Pratibha Shashikumar, Reader, Dept. of Periodontology Won the 2nd prize for the scientific paper presentation in the Faculty category Periodontal regeneration in Endoperio lesions - 2nd Virtual ISPRP National Conference, Vishnu Dental College, Bhimavaram, AP, 4th to 6th February 2022 - National
29	Dr Vidya G D, Reader, Dept. of Oral Pathology & Microbiology Consolation prize Collage making competition - Part of CONS ENDO Day 2022, Dept. of Conservative Dentistry and Endodontic, JSS Dental College & Hospital, Mysuru, 5th March 2022 - Regional
30	Dr Sushma R, Lecturer, Dept. of Public Health Dentistry Consolation prize Collage making competition - Part of CONS ENDO Day 2023, Dept. of Conservative Dentistry and Endodontic, JSS Dental College & Hospital, Mysuru, 5th March 2022 - Regional
31	Dr Anitha S, Reader, Dept. of Periodontology JSS FM Radio 91.2 MHz Sandarshana Maintainance of oral hygiene, prevalence of dental diseases, instructions to patients - Oral Health Day, JSS FM Radio 91.2 MHz, Mysuru, 20th March 2022 - National

Sl no	Particulars
32	Dr Chandrashekar B R, Prof. & HOD, Dept. of Public Health Dentistry Award for Research publications: 2019-20 - Vision Group on Science and Technology, Karnataka Science and Technology Promotion Society, Dept. of Electronics, Information Technology, Biotechnology and Science & Technology, Govt. of Karnataka, 2019-20 - National
33	Dr Ravindra S, Professor, Dept. of Periodontology Awarded 1st prize in paper presentation Lactobacillus fermentum MCC2760 and Bifidobacterium longum NCIM5671 for Oral health care - Two day National Workshop on Bifidobacterial probiotics: Supplementation through fermentation foods, Microbiology & Fermentation Technology Department, CSIR - Central Food Technological Research Institute, Mysuru, 24th & 25th March 2022 - National
34	Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge First best e-poster presentation Formulation and evaluation of cyclodextrin nanosponges loaded with silk fibroin to treat oral mucosal bleeding - National Conference on Pharmaceutical Sciences 2022, Dept. of Pharmaceutics, JSS College of Pharmacy, Mysuru, 8th & 9th April 2022 - National
35	Dr Priyanka Nitin, Lecturer, Dept. of Oral Pathology & Microbiology Second best e-poster presentation - Development & commercialization of thermochromic handwash to combat the present COVID-19 pandemic - National Conference on Pharmaceutical Sciences 2022, Dept. of Pharmaceutics, JSS College of Pharmacy, Mysuru, 8th & 9th April 2022 - National
36	Dr Usha Hegde, Prof. & HOD, Dept. of Oral Pathology & Microbiology Successfully completed SPBM full marathon distance of 42.2 kms. She was a podium finisher securing 1st place in her category. By completing it in 3:52:33 hrs, she has finished the race in Boston qualifying timing. titled - , Bengaluru, 10th April 2022 - State
37	Dr Seema Deshmukh, Reader, Dept. of Pediatric and Preventive Dentistry Innovation of the year award - Little Smiles She has been recognized by the association for her patents and contributions in the field of pediatric dentistry which include medical devices, unique drug delivery devices and research in the area of craniofacial growth and development and management of cleft and palate affected infants - Yogi enterprises, Hotel Sea Princess, Juhu Mumbai, 30th April 2022 - National
38	Dr Swathi Kumareswar, Lecturer, Dept. of Forensic Odontology Best poster award and cash prize of Rs. 2000/- Forensic facial reconstruction - A case report - 8th Scientific Meeting of Indo-Pacific Academy of Forensic Odontology, Chandigarh University, Gharuan, Punjab (India), 25th to 27th May 2022 - National
39	Dr Meenakshi S, Lecturer, Dept. of Prosthodontics and Crown & Bridge Elderly care award, Ergonomic Design award Smart chair to detect slouching posture for dental professionals - MEDHA 2022, BETIC, IIT Bombay, Mumbai and JSS College of Pharmacy, JSS AHER, Mysuru, 14th May to 28th May 2022 - National
40	Dr Ravindra S, Prof & Principal and Dr Deepika P C , Prof & HOD, , Dept. of Periodontology International TV talk Periodontal diseases and diabetics interrelationships - Mysuru , 30th June 2022 - Regional

SI no	Particulars
41	Dr Sheela Kumar G, Professor and Dr Avinash B S, Reader, Dept. of Periodontology International TV talk Periodontal health in Geriatric People - , Mysuru , 7th July 2022 - Regional
42	Dr Vidya Priyadarshini D S and Dr Aruna G, Lecturer, Dept. of Periodontology International TV talk Periodontal Abscesses Cuses and Management - , Mysuru , 14th July 2022 - Regional
43	Dr Anitha Subbappa and Dr Pratibha Shashikumar, Reader, Dept. of Periodontology International TV talk Importance of Laser in Periodontal Diseases - Mysuru , 14th July 2022 - Regional
44	Dr Vidya G D, Reader, Dept. of Oral Pathology & Microbiology Best poster Presentaton award Pitutory adenoma in 35 year old woman - case report - Virtual International Anatomy Conference on "Future of Anatomical Sciences Education" (FASE-2022), Sri Ramachandra Institute of Higher Education and Research, Chennai, 22nd - 23rd July 2022 - National
45	Dr Premalatha B R, Dr Sreeshyla H S, Dr Priyanka Nitin, Faculty, Dept. of Oral Pathology & Microbiology 3rd Best Scientific Poster Presentation Complementary and alternative dentistry - A holistic integration of antient and modern health systems - KIDS-WEBCON 2022 International Virtual Conference, KIIT Deemed to be University in association with University of Toronto and University of Genoa, 28th-30th July 2022 - International
46	Dr Premalatha B R, Reader, Dept. of Oral Pathology & Microbiology Best Scientific Paper Presentation Award Assessment of various stressors affecting the undergraduate Dental students - A cross sectional study - KIDS-WEBCON 2022 International Virtual Conference, KIIT Deemed to be University in association with University of Toronto and University of Genoa, 28th-30th July 2022 - International
47	Dr Sreeshyla H S, Lecturer, Dept. of Oral Pathology & Microbiology 3rd Best Scientific Paper Presentation Award Assessment of oral cancer awareness among general public - A pilot study - KIDS-WEBCON 2022 International Virtual Conference, KIIT Deemed to be University in association with University of Toronto and University of Genoa, 28th-30th July 2022 - International
48	Dr Pratibha Shashikumar, Reader, Dept. of Periodontology 2nd Best Scientific Paper Presentation Award Comparison of modified coronally advanced flap with periosteal pedicle graft in the treatment of multiple adjacent gingival resession defects - A Randomized clinical trial - KIDS-WEBCON 2022 International Virtual Conference, KIIT Deemed to be University in association with University of Toronto and University of Genoa, 28th-30th July 2022 - International
49	Dr Annapoorna B M, Prof & HOD, Dept. of Conservative Dentistry and Endodontics awarded Masters Fellowship in Micro - Endodontics (MFM) in the branch of Endodontics - Saveetha Dental College, Bangalore, July 2022 - Regional



REDUCED INEQUALITIES

REDUCE INEQUALITY WITHIN AND AMONG COUNTRIES

Introduction

Inequalities in income and wealth are severe and have been widening globally. The richest 1% of the world's population now control up to 40% of global assets, while the poorest half owns just one per cent. Income equality between countries is higher than that within a large majority of countries, such that individual incomes are still largely associated with a person's citizenship and location. Wide and often mutually reinforcing disparities are also evident within countries, including disparity in terms of: rural/urban disparities, household wealth, gender, ethnic minorities and indigenous people, migrant status, and disability. This includes adopting and implementing policies on respect for human rights including worker's rights (collective bargaining, decent work conditions, etc). In supply chains, one area to pay particular attention to is when third parties, such as recruitment agencies, are used to source labor. Such activity may place migrant workers at risk of exploitation such as forced labor and human trafficking, including where recruitment fees are charged to workers and where identity documents are retained. Thus, in addition to addressing their own impacts, businesses should use leverage to try to address adverse impacts with which they may be involved through third parties such as suppliers. Such leverage can also be used to encourage changes in policies and practices that may exclude workers based on factors such as age, gender, religious beliefs, national origin, or ethnicity. Institute should engage governments in a transparent and accountable way, and disclose payments to governments. Whether through public policy dialogue or tax revenue, relationships between companies/Institute and governments are increasingly recognized as having a significant impact on human rights, which may exacerbate or improve inequality outcomes. By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status. Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality.

Diversity
and
Equal
Opportunity

Addressing
inequalities:
Empowerment,
Inclusion and
Non
discrimination

Connecting
structural
Transformations
with Features
of Inequalities

Promoting a
Worker-
friendly
Migration
Support
system

Availability
of products
and
services
for those
on low
income

Access
financial
services

Equal
remunderation
for men and
women

Capacity
building

Free Education for Poor students at JSS free residential school, Suttur



Women Tech Acceleration Program, Led by DERBI Foundation



Institution's Innovation Council of JSS Dental College & Hospital conducted a "Women Tech Acceleration Program" led by DERBI Foundation, an innovation supporting company supported by Start UP Karnataka on 20th July 2022 at Board Room, JSS Dental

College Dr Raghav Shetty , CEO Nutrisukan Biotech, Mr Jayachandran, Dental Mechatronics, Dr Prasannasrinivas Deshpande, Dr Chandrashekhar BR, Vice Principal, JSS Dental College, Dr Nitin V Muralidhar, IIC Co-Ordinator, Mr. Jagana Karthik , Program Lead, DERBI Foundation, Mrs. Bhavani , Community Manager, DERBI Foundation, Dr Amulya ,Dept of ENT , JSS Medical College , Mrs Sukanya , Nutrisukan Biotech presided over the program.

Special Olympics Bharat



Special Olympics Bharat is a National Sports Federation also registered under the Indian Trust Act 1882 in 2001 and is accredited by Special Olympics International to conduct Special Olympics Programs in India. It is recognized by the Ministry of Youth Affairs & Sports, Government of India as a

National Sports Federation in the Priority Category, for development of Sports for Persons with Intellectual Disabilities, and is a designated Nodal Agency for all disabilities on account of its national presence and experience, especially in rural areas which account for nearly 75 per cent of the disabled population in India.

An all-India event was organized on 5th April 2022 and 7th April 2022. The target was to screen 75000 children with the help of 7500 doctors in 75 cities on 7th April 2022 to celebrate 75th Azadi ka Amrit Mahotsav.

The JSS team was provided Prerana trust Fund in mandya as the venue.

Prerana Trust for the Disabled at Mandya is running a free boarding hostel for the blind and physically challenged students. 24 were blind, 21 were speech and hearing impaired, 13 were with various physically challenged among them. All are given free education boarding's hostel to stay and school uniforms and all other basic amenities with free of cost (under the Progressive Educational Training) with help of a generous donation by the public and other phylum Homopists and educationists with liberal donation.

On 5th April 2022, a team of interns and pgs with Dr.Nandlal and Dr. Reshma had gone to inspect the venue.

On 7th April 2022, 48 dental volunteers (faculty, interns and pgs) from JSS Dental College and few volunteers from diet and nutrition department of JSS Medical College reached the venue around 9am.

The children were called from various schools like JSS School, Aashna Sadan etc. Once the children were brought their id cards were scanned and a brief screening was done. A HASS form was taught to the dental volunteers during the training program (21-25th march 2022). Various variables like untreated decay, missing teeth, injury, restorations were evaluated and recorded in the form. The program was from 9am to 1pm. After which the children and the team were provided with lunch. At Mandya center, 110 children were screened by the dental team. All India, 93954 kids were screened out of which 52,464 underwent dental screening.

World Oral Health Day 2022 - Baby Oral Health Promotion Clinic

Baby Oral Health Promotion Clinic” an extension clinic of Dept of Pediatric and Preventive Dentistry at Dept of Pediatrics, JSS Hospital, is providing preventive and interceptive oral



health care for infants and young children since its inception in 2014.

On the occasion of World Oral Health Day 23-03-2022 with the theme “Be Proud of Your Mouth” an orientation and awareness program was conducted for

Interns of JSS Dental College and Hospital, from Baby Oral Health Promotion Clinic. Dr Nandlal B Professor & Head, Dept of Pediatric and Preventive Dentistry inaugurated the program and Dr Indira MD, coordinator of Baby Oral Health Promotion Clinic provided information on importance of baby oral health care and inception of Baby Oral Health Promotion Clinic to all the interns. A pre and post survey was conducted to assess the knowledge of interns on baby oral health care

Oral Geriatric Gyan

The Staffs & PGs of Department of prosthodontics organised a webinar on the theme “Oral Geriatric Gyan -2021” with the objective to create insights about oral health in geriatrics patients. The webinar was coordinated by Dr.Sowmya.S, and webinar was in collaboration with Geriatric Medicine (JSSMC). There were 195 registrations for the webinar. The resource person for the webinar were Dr. Pratibha Pereira, Prof & HOD, Dept of Geriatric Medicine, JSSMC, Dr. Pampanagouda SKM, Consultant oncologist, Fortis Health care, Bangalore,

Dr. Dhakshaini M.R, Deputy Director (Authorities), JSSAHER and Panelists were Dr. Ganesh S, Reader, Dept of prosthodontics, JSSDC&H Dr. Sanjay CJ Reader, Dept of OMR, JSSDC&H and Dr. Raghavendra Swamy KN, Professor, Dept of prosthodontics, JSSDC&H respectively. The programme started with talk by Dr Pratibha Pereira on “Geriatricians key role in oral Health” followed by welcome address from Dr. Raghavendra Swamy KN Professor & HOD, Dept of Prosthodontics, JSSDC&H in the inaugural ceremony. The chief guest for the webinar was Dr. Kushallapa PA, Director Academics and guest of honour were Dr Ravindra S, Principal and Dr Chandrashekar B R, Vice Principal, JSSDC&H. This was followed by a talk on “Tobacco: A bane for the elderly” by Dr. Pampanagouda SKM and “Geriatric Prosthodontic care: Don’t stay unaware” by Dr. Dhakshaini M.R. There was an enriched discussion after each talk followed by question & answer session and the webinar was well appreciated by the participants and the invitees.

Faculty Exchange Programme



Dr. Anupam Podder , Associate Professor, Dhaka dental College & Hospital, Bangladesh visited department of Periodontology for training programme in Periodontology from 27th June till 23rd July 2022. During his stay Dr. Podder underwent training in various Periodontal surgical procedures. He also had opportunity to visit other departments in the college and interact with the faculty. Dr. Podder also presented a lecture on the current scenario of Periodontics in Bangladesh.



SUSTAINABLE CITIES AND COMMUNITIES

MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE

Introduction

In 2018, 55 percent of the world's population, i.e 4.2 billion people, lived in cities. By 2050, the urban population is expected to reach 6.5 billion. Though cities occupy just 3 percent of the Earth's land, they account for 60 to 80 percent of energy consumption and generate about 80 percent of the global GDP. In 1990, there were 10 cities with 10 million people or more; by 2014, the number of mega-cities rose to 28, and was expected to reach 33 by 2018. In the future, 9 out of 10 mega-cities will be in the developing world. By 2030, it is estimated that six out of ten people will be city dwellers. India is urbanizing rapidly and is projected to add 416 million urban dwellers between 2018 and 2050. By 2030, India is expected to be home to seven mega-cities with populations above 10 million. The rapid growth of cities due to the rising population and increasing migration has led to a boom in mega-cities, especially in the developing world, and slums are becoming a more significant feature of urban life. 828 million people are estimated to live in slums, and the number is rising. Sustainable development cannot be achieved without significantly transforming the way urban spaces are built and managed. A sustainable community should ensure a well-balanced management of its human needs and natural resources with emphasis on the current needs while ensuring that adequate resources are available for future generations. Envision target should be at making cities sustainable by creating job opportunities, building resilient societies and economies, ensuring access for all to adequate, safe, affordable, accessible and sustainable housing, basic amenities such as water, sanitation, waste management, transport systems, access to information, health, education, mending environmental disparities, disaster risk reduction, protecting and safeguarding the world's cultural and natural heritage, adopting and implementing integrated policies and plans. In particular for women and children, older persons and persons with disabilities and with a focus on protecting the poor and people in vulnerable situations. Under the ambit of JSS Mahavidyapeetha, known for its humanitarian contributions and under the guidance of JSS AHER, JSS Dental College and Hospital gives much importance in offering basic oral services at the door steps of the population through camps and extension activities thereby catering the oral health needs of needy at their premises. Services offered at camps include basic health education, preventive dental services like pit and fissure sealants, topical

fluoride application and curative services such as scaling, restoration and simple extractions. Camps are organized in collaboration with reputed professional bodies such as Indian Dental Association, Indian Medical Association, Indian Association of Public Health Dentistry etc., and NGOs in urban slums, orphanages, old age homes, residential homes for children with special needs. The hospital is pioneered the concept of extending basic oral health services to the inmates of central Prison, Mysore by establishing a dental clinic in collaboration with rotary West, Mysore which served as a model facilitating establishment of such centers in other parts of the state and country. We extend oral health care services to the employees of KSRTC.

Various social activities carried out by JSS Dental College and Hospital in the last one year.

- Free Primary Dental Care Services through camps ,outreach programmes and Mobile Dental Services in cities
- Urban peripheral centers (Dental unit-JSS Hospital Suttur, Central prison, KSRTC, Urban health centre)
- Oral health exhibitions
- Oral health education and Free Primary Dental Care Services for residential school children
- Oral health education and Free Primary Dental Care Services for children with special needs.
- Baby oral health clinic – JSS Hospital, Agrahara
- Pit and fissure sealant program for residential school children
- Free/Subsidized Specialist Services at JSS Hospital for referrals
- Cleft lip and palate – JSS Smile, JSS Dental College and Hospital
- Public awareness campaigns such as World Health Day, World No Tobacco day, World Environment day, World AIDS day, National tooth brushing day, oral hygiene day

Urban Health Centre, Medar Block



JSS urban health center was established on 29th August 2002 on 87th birth anniversary of his holiness Dr. Shivaratri Rajendra Mahaswamiji, in Medar's block, Bamboo Bazaar, Mysore. The centre works under Department of Public Health Dentistry, JSS Dental College & Hospital, Mysuru. The aim of the centre is to achieve the goal of oral health for all the people residing in urban slums. The centre provides comprehensive oral health care services to the people that

include preventive, promotive, curative and rehabilitative aspects. The JSS UHC caters to the population of 5294 of which 53% are males and 47% are females.

The centre provides a spectrum of services to the people mainly,

- Outpatient services
- Comprehensive Oral Care
- Provision of essential drugs at affordable costs.
- Basic laboratory facilities.
- Referral services
- Specialist services on weekly basis
- Health education activities
- Observation of National and International health days
- Women empowerment
- Training of Undergraduate and Post graduate students



JSS Dental OPD KSRTC

Based on strategic recommendations and willingness from KSRTC, JSS Dental College and Hospital established an outreach center to the employees of KSRTC on 1st July 2006 after entering into an MOU. Screening and referral services are offered to the employees of KSRTC. Screening camps to the dependents of KSRTC are organized through divisional offices.

Rotary Jeevodaya Dental Clinic



Central prison Dental unit was established at Central Prison, Mysuru in collaboration with Rotary Club of Mysore on 27th March 2002 to extend basic oral health services to the needy population in Jail who are otherwise are deprived of such services.. This was a pioneering project that served as a model which eventually led to the establishment of several such centers in other parts of the state and country. JSS Dental College and Hospital extends the dental manpower in the form of faculty Post graduate

students and interns on regular basis. Dental check up, counseling and basic dental services are offered to the inmates while referring the cases requiring specialist services to the hospital.

Oral health education and Free Primary Dental Care Services for children with special needs

This program was initiated by JSS Dental College, Mysuru in the year 1997, since then this outreach program has been delivered to the children of Sri Sairanga School for Speech and Hearing Impairment, Mysuru. This Programme includes oral health education but also provides



Primary, Preventive and Comprehensive Dental services under free oral health scheme with the support of JSS Mahavidyapeetha and Jagadguru Sri Shivaratreeshwara Academy of Higher Education and Research, Mysuru. This program is unique in its kind that after the initial orientation toward oral hygiene measures the children would be reinforced with same instructions by the care givers and teachers at the school.







Baby oral health promotion clinic

This clinic specifically focuses on extending basic oral health information to the mothers of new born babies and infants. The clinic was initiated in November 2014 and offers requisite services on fixed days in a week at Department of Pediatrics, JSS Hospital, Mysore.

Pit and fissure sealant programme for residential school children



JSS SMILE: Cleft Lip & Palate Multidisciplinary Out Patient Clinic



JSS Smile –A Multidisciplinary Cleft Lip & Palate Clinic was established on 9th November 2012 to provide free treatment to cleft lip & palate children. Starting of the Multidisciplinary Cleft Lip & Palate Clinic at JSS Dental College & Hospital is a drive towards special care dentistry and becoming a premier institute in this field of Dental Science including hospital practice with the

objective of strengthening the health care of the country. A Multidisciplinary approach in treating Cleft patients with a team of doctors which includes Cleft Surgeon, anesthetist, Paediatrician, Paedodontist, Orthodontist, Prosthodontist, Speech therapist, ENT surgeon, Psychologist. This special clinic is a major initiative which scores high on our University's social responsibility.

Oral Health Care in Pregnancy Clinic



JSS Hospital caters to the oral health needs of pregnant women. Department of Periodontology and Department of Obstetrics and Gynecology collaborates to provide complete oral care for pregnant women. This special clinic was inaugurated at JSS Hospital Mysuru on 20-6-2019 by Dr Basavana Gowdappa Principal JSSMCH.

Dr. Dayanand, Director, JSS Hospital, Dr. Guruswamy. M, Medical Superintendent, JSS Hospital and Dr. Ravindra.S, Principal, JSS Dental College graced the occasion. Heads of the Department with staff of JSS Dental College and Medical College were present.

As preterm low birth weight accounts for about 2/3rd of neonatal deaths and has a tremendous impact both financially and emotionally, this clinic is instated to provide comprehensive oral care during pregnancy. Escalating evidence has suggested the role of periodontal disease in triggering pre-term low birth weight babies. Hence it is important to eliminate the disease to ensure positive pregnancy experience for all women.

Though, ante natal protocol WHO recommends treating infections to combat pre term low birth weight outcomes oral health is given a low priority. Therefore, this initiative of "oral care in pregnancy" clinic will function to create awareness among people on oral health and also to treat the existing oral infections during pregnancy. This clinic will work on Mondays, Wednesdays and Fridays from 9:00 am to 4:00 pm.

Various Awareness Campaigns

Faculty of the institution actively takes part in various social media campaigns like radio talks, interviews in television besides writing health education messages to leading newspapers in the region.

World Oral Health Day: World Oral Health Day provides an opportunity to raise awareness and encourage individuals, families, communities and governments to take measures to lower the incidence of oral disease. The first line of oral health care starts with individual through prevention, especially good brushing habits, and regular check-ups.

World Health Day: The institution organizes lectures, demonstrations, camps and awareness campaigns to spread the vital information related to the world health day theme for the respective year.

World AIDS Day: The institution in collaboration with other constituent colleges of University participate in the awareness campaigns, screening camps, rallies and street plays to highlight the importance of preventing the spread of HIV infection.

World Environment Day has been a flagship campaign for raising awareness on emerging environmental issues, for the benefit of both environment and humans. Planting trees, being the easiest and most sustainable way to positively affect the environment, we conceptualized “Plant a tree, save a life” campaign.

World diabetes day is commemorated to emphasize the importance of oral hygiene in diabetics and also the bidirectional relationship between the two. Camps with patient interactive sessions are undertaken to promote coordinated and concerted actions to confront diabetes. Oral hygiene day in India marks the birth anniversary of Dr G B Shankwalkar, a renowned Periodontist. Its primary objective is to spread the message of Oral health and its importance to public for their well-being. Oral Screening and treatment is carried out at various schools and colleges to draw attention of young population alongside, the escalating systemic illness caused by poor oral hygiene is highlighted.

Smile Torch Campaign was launched to spread awareness among public about the importance of orthodontic correction of teeth and creating a beautiful smile. This was observed on the occasion of Golden Jubilee year celebration of Indian Orthodontic society.

World No tobacco day is observed around the world to address the widespread use of tobacco and its negative health effects. Rallies, screening camps and interactive talks are organized to draw public attention.

National Tooth brushing day is observed to educate the children and general public about the importance of adopting appropriate tooth brushing methods through demonstrations using models and videos. Tooth brushing drills are organized in schools to motivate students and teachers to adopt the correct methods of brushing.

National Public Health Dentistry Day On this day, campaigns will be organized to highlight the importance of oral health in general health. We organize multispecialty camps in underprivileged areas to commemorate the event.

Pedodontist's day: The institution organizes various competitions such as drawing, essay, quiz etc to create awareness among school children on various health and oral health related issues. The prize winning students are felicitated in the institution in a formal program organized on this day.

International Yoga Day



On 21st June 2022 there were total 31 members participated in the international yoga day which is conducted by AYUSH department from the central government in association with Karnataka state government and district administration Mysore. All the members were actively participated in the gracious presence of honorable prime minister Narendra Modi.



RESPONSIBLE CONSUMPTION AND PRODUCTION

ENSURE SUSTAINABLE CONSUMPTION
AND PRODUCTION PATTERNS

Introduction

Our planet has provided us with an abundance of natural resources. But we have not utilized them responsibly and currently consume far beyond what our planet can provide. We must learn how to use and produce in sustainable ways that will reverse the harm that we have inflicted on the planet.

It consists of Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries. Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle. Promote public procurement practices that are sustainable, in accordance with national policies and priorities.. Achieving economic growth and sustainable development requires that we urgently reduce our ecological footprint by changing the way we produce and consume goods and resources. Agriculture is the biggest user of water worldwide, and irrigation now claims close to 70 percent of all freshwater for human use. The efficient management of our shared natural resources, and the way we dispose of toxic waste and pollutants, are important targets to achieve this goal. Encouraging industries, businesses and consumers to recycle and reduce waste is equally important, as is supporting developing countries to move towards more sustainable patterns of consumption by 2030.

A large share of the world population is still consuming far too little to meet even their basic needs. Halving the per capita of global food waste at the retailer and consumer levels is also important for creating more efficient production and supply chains. This can help with food security, and shift us towards a more resource efficient economy.

Our JSS AHER has its Green Policy which emphasizes on the following to be strictly followed in all its campuses.

- Provision for natural light in all its buildings Maintenance of clean, green and smart campus – waste segregation and planned disposal of waste through authorized agencies only
- Disposal of biomedical waste, Chemicals, and e-waste as per the norms of the Karnataka State Pollution control Board
- Energy conservation strategies – For e.g. use of CFL/LED lights and Solar heaters and Air source heat pumps in the hostels
- Plastic-free campuses
- Conservation of water resources - Rainwater harvesting and wastewater treatment
- Reducing paper communication
- The HEI actively organizes Swachh Bharat Abhiyan and creates awareness and consciousness amongst students.

The Institution also has included a subject Environmental Sciences in all courses as stipulated by UGC and organizes Environment Day and Water Day. The Institution believes in preserving traditional medicine and has established medicinal plants garden and promotes eco-friendly cultivation practices by organizing medicinal plants exhibition in JSS Urban Health Centre.

To meet the needs and sustainable management of fresh water, the rainwater harvesting, and utilisation systems have been established in all the campuses of the university to aid towards the greater objectives of water management and conservation and increasing recharge of groundwater by capturing and storing rainwater, rainwater harvesting from rooftop run-offs and natural waterbodies and the community development. The below mentioned models are established in the various buildings based on the size of the building and the extent and topography of the land.

- Simple roof water collection systems - Most of the rooftop rainwater harvesting has been completed by constructing five water storage structures with a storage capacity of 1000 m³.
- Land surface catchments – a simple way of collecting rainwater by retaining the flows (including flood flows) of small creeks and streams in small storage reservoirs (on surface or underground) created by low-cost dams
- Collection of storm water – The surface runoff collected in stormwater ponds/reservoirs is subject to a wide variety of contaminants and every effort is made to keep these catchments clean.

The University supports green practices in all its initiatives. It has well-defined policies for its sustainable green practices which include its energy conservation policy, water conservation policy, transport policy, the SMART and Green campus policy and many such policies and practices that inculcate the importance of conserving the present for the future generations. Towards the same some of the practices include - Students, staff using Bicycles – the staff and students are encouraged to use bicycles on its campuses and students residing in the hostels

of the university are discouraged from having automobiles and live on campus. Battery operated vehicles too are available on the campus to help students transport their belongings. Public Transport – the university maintains a fleet of buses that are available to the students for travel between campuses and public places at fixed timings. Pedestrian friendly roads – all roads are paved and landscaped and are pedestrian friendly Plastic-free campus – All its campuses are plastic free Paperless office – the utilization of papers for administrative purposes is minimized and ecommunications are encouraged. Green landscaping with trees and plants – all the campuses are beautifully landscaped which have won appreciation, admiration, and awards for the aesthetic and green environment of its campuses. The Green campus committee ensures that the above principles are strictly complied with and provides feedback to the university on its efforts and the future directions.

Green Campus



Sign Boards



Solar Powered Energy



Sign Boards and Equipments for Managing Fire Accidents



Biomedical waste management in Hospital

- JSS Dental College and Hospital gives utmost importance to controlling and prevention of infection in patients, visitors, healthcare providers and community by adopting appropriate safety measures.
- JSS Dental College and Hospital has an organized Infection Control Committee and Infection Control Team which formulates policies and measures aimed at reducing and eliminating infection risks to patients, housekeeping staff, visitors and to the environment.
- JSS Dental College and Hospital has an infection control and elimination programs and policies that are well documented.
- Infection control and elimination programs are performed regularly with yearly upgradations.
- JSS Dental College and Hospital has a well-coordinated Infection Control Committee that supervises all infection control and elimination programs.

Responsibilities of Infection Control Committee & Infection Control team Aim of Infection Control Committee (ICC)

Aim of Infection Control Committee of JSS Dental College and Hospital is to adopt policies and practices that help to prevent and eliminate hospital related infections in patients, health care providers, visitors and the environment.

Duties of Infection Control team:

- Infection Control Team coordinates to formulate infection control policies and practices for control and elimination of infection.
- ITC introduce standard operating procedures that aim toward infection control.
- The team organizes training and appraisal of all members of the staff regularly regarding the policies and protocols for infection control and elimination.
- The team streamlines the documentation of the outcome of policies and practices.
- ICT performs the periodical auditing of the infection control practices outcome.
- Team formulates appropriate protocols for biomedical waste management.
- The team is responsible for periodic monitoring and documentation of water supply, air supply and other engineering works.

Definition

Biomedical waste means any waste which is generated during diagnosis, treatment or immunization of human being or animals or in the research activities pertaining there to or in the production of testing of biological

Purpose: to ensure safe and secure biomedical waste disposal or handling in JSSDCH. JSSDCH has obtained consent from pollution control board to operate. JSSDCH has outsourced biomedical waste collection and disposal to Shree consultancy.

JSSDCH adheres to policies in manual for waste handling and management inside the working area and outside till it is collected.

1.1 Classification of waste

Classification of waste: (According to Environmental Protection Agency, EPA)

Regulated Waste: They require special disposal care.

Sharps

- Disposable needles
- Scalpel blades
- Contaminated broken glass
- Disposable dental burs
- Endodontic files or reamers

Others

- Blood
- Blood soaked items
- Human tissues
- Pathological wastes

Non regulated Wastes:

- Contaminated materials
- Saliva soaked gauze
- Patient bibs
- Surface barriers

Toxic Wastes: It is a waste that can have poisonous effect. Eg: mercury, extracted teeth with silver amalgam filling.

All waste containers that hold potentially infectious materials (regulated or non regulated) must be labeled with biohazard symbol. JSSDCH outsources BMW disposal to Shree consultancy. As per the guidelines of Shree consultancy the waste generated should be segregated into different colored containers. Colored containers are provided to each department and each color is designated to collect specific type of waste as mentioned below.

Non chlorinated yellow bags (Incinerable waste only)

- Human tissue
- Placenta
- Infected cotton and dressing
- Soiled plaster casts
- Body parts
- Blood bags
- Cotton swabs

- Bedding items contaminated with blood and body fluids
- Expired pharmaceutical wastes (eg: expired analgesics and antibiotics)
- Lab cultures
- Waste specimens
- Cytotoxic drugs

Non chlorinated red bags (plastic waste only):

- Catheter
- IV sets
- Gloves
- Tubings
- Syringe without needles etc..

Non chlorinated blue bags (glasswares and metals only):

- Broken bottles
- Discarded or contaminated glass vials and ampules.

Black colored bags (not to be sent to BMW management facility)

- Food wastes
- Tender coconut
- Leaves wrapping
- Office paper waste
- Dustings
- Paper and plastic cups
- Syringe wrapper
- Vegetables
- Fruits or fruit peels etc.

Non chlorinated white translucent bags or bin with disinfectant (only sharps):

- Glass pieces slides
 - Needles, lancets
 - Syringe with fixed needles
 - Scalpel blades
 - Overused and underused sharps
-
- All the colored bags or bins should be closed tightly in order to prevent spillage or contamination.
 - All the waste should be collected in central waste collection centre from where it will be collected by BMW management agency.
 - All the staff handling the biomedical waste will be provided with PPE which should be used mandatorily while handling BMW.
 - Syringe or needle burner must be used for syringe needles and then the syringe must be disposed into the designated colored bin.
 - Radiographic fixer and developer are considered hazardous wastes. It can be handles on site or offsite treatment. JSSDCH manages them by offsite management, where it is outsourced to a company

Category	Definition	Examples
Medical waste	Waste generated as part of treatment; can be contaminated or infectious	Contaminated barriers
Contaminated waste	Waste that has been in contact with blood or other body fluids; in most states, disposed of as general waste	Contaminated patient bibs
Infectious waste	Contaminated waste that is capable of causing an infectious disease	Blood and blood saturated materials
Chemical waste	Waste that poses a threat to humans or environment	Pathological waste: tissue, extracted teeth
Hazardous waste	Usually refers to toxic chemicals or materials	Sharps: needles, burs
Toxic waste		Scrap amalgam
General waste	Non hazardous, non regulated waste	Lead foil, radiographic solution, paperwaste generated at front desk, discarded lunch bags or wraps

1.2 Segregation

Proper segregation of BMW:

- BMW has been segregated into different color coded containers as per the guidelines provided by Shree consultancy.
- Waste from the working or patient care area is removed once a day or more if required.
- The containers of waste are closed tightly and stored in central waste collection bay from where it is collected and carried out of the campus.

1.3 Handling of mercury, extracted teeth and sharps

1. Precautions When Working With Mercury.

- Work in a well ventilated space.
- Avoid direct skin contact with mercury.
- Avoid inhaling mercury vapour.
- Store mercury in unbreakable, tightly sealed containers away from heat.
- When preparing amalgam for restorations, use preloaded capsules (this avoids exposure while measuring mercury).
- When mixing amalgam, always close the cover before starting the amalgamator.
- Reassemble amalgam capsules immediately after dispensing the amalgam mass (the used amalgam capsule is highly contaminated with mercury and is a significant source of mercury vapour if left open).
- Left over scrap amalgam (that has been retrieved from dental unit traps) is disinfected in a solution of bleach and water. Then it is placed in the container with other scrap amalgam. Never rinse a dental unit trap in the sink. (waste water plants

are not equipped to removed mercury from waste, and the mercury will enter the environment via the water ways)

- Clean spills using appropriate procedure and equipment. Do not use a household vacuum cleaner or the high volume evacuator (dangerous fumes from the mercury can be released into the air)
- Place the contaminated disposable materials into polyethylene bags and seal. Dispose according to regulations specific to your area.

2. CDC guidelines for handling extracted teeth:

- Dispose of extracted teeth as regulated waste unless returned to the patient.
- Do not dispose of expose teeth that contain amalgam as regulated medical waste intended for incineration.
- Heat-Sterilize teeth that do not contain amalgam before they are used for educational purposes.

3. Handling sharps Safe injection practices:

These procedures should meet below mentioned criteria,

- Do not harm the recipient.
- Do not expose the provider to any avoidable risk.
- Do not generate waste that is dangerous for other people.
- Eg: IV, IM, Lancet procedures etc.

Purpose:

- Promotes,implementation of practices associated with ,
- Intradermal,subcutaneous,IM needles
- IV infusions and injections
- Lancet procedures

Guidelines on Use of Injection Devices Syringes:

- Preferably use new devices for each procedure.
- Use disposable syringes.
- Before use inspect packing, whether there is breach in protective barrier.
- If package is punctured, torn, damaged, discard and use new one. Always check for expiry date.

Medication

- Do not use single loaded syringe for medication administration to several patients.
- Always follow single patient, single needle, single syringe policy.
- Avoid changing needle inorder to reuse syringe.
- Avoid using same mixing syringe to reconstitute several vials.
- Avoid combining left over medication for later use.
- Preferably use single dose vial for each patient in order to avoid contamination between patients.
- Open only one vial of particular medication at a time in each patient area.
- Do not store multidose vial in open ward where they may be contaminated.

- If sterility of vial is compromised discard immediately.

Practical Guidelines for Injection Administration

- Always check the prescription for medication/drug chart and corresponding patient's name.
- Check for the dosage prescribed.
- Check for the expiry date.
- Perform hand hygiene procedures.
- Use 60-70% alcohol swab to clean the top of vial.
- Always open the syringe pack in front of patient to reassure them the syringe and needle have not been used previously.
- Use sterile syringe or needle to withdraw medications from ampule.

Injection site preparation

- Use alcohol based (60-70%) solution or a single use swab or cotton wool ball to disinfect the site of injection.
- Wipe the area from centre of injection site outward without going over the same.
- Solution should be applied for 30 seconds and allow it to dry completely.

Delay in Administration

- If medication cannot be given immediately for some reasons it should be capped using scoop technique.
- It should be store safe dry place, it should be labelled.

Precautions

- Needle should not touch any contaminated surfaces.
- Syringe should not be reused even if needle is changed.
- Do not use same needle/syringe to enter multiple multidose vials.
- Do not use syringe/needle to reenter the vial once used on a patient, even if it is for same patient or other.

Guidelines to Prevent Sharp Injuries

- Avoid bending/breaking, manipulating or manually remove the needle before disposal.
- Use scoop technique when needle has to be recapped.
- Sharps, glass ampules should be discarded immediately after use into a sharp container which is leak/puncture proof.
- Sharp container should be sealed and replaced when it is three quarters full.
- NOTE: In the event of sharp injuries immediately report to the concern IC team person and follow the post exposure protocol.

1.4 Storage and transport

- JSSDCH has been designated as central waste collection bay where all the BMW from different departments are transported via closed containers or bags in safe and secure manner.
- Shree consultancy people collect the BMW in a closed vehicle without contaminating the

campus.

- The quantity of waste and timings of BMW collection is all documented on day to day basis
- Shree consultancy is paid fee for collection of BMW. The details of which are maintained.
- Personal protective equipments are used mandatorily for handling BMW by all staff in accordance with manual to prevent cross infection or other accidental injuries.
- JSSDCH has equipment for disposing used syringes, blades, suture needles etc.. Handling of sharps are done using appropriate PPE and in accordance with JSSDCH ICM.



1.5 Training of all concerned staffs

- JSSDCH ICC recommends the required resources to carry out infection control programme.
- JSSDCH Management ensures availability of resources to carry out infection programme.
- Management decides the budget as per requirement.
- For efficient functioning of the policies and programmes all the staff concern with IC will be given training periodically.
- New staff will be given induction programme before joining departments.
- Charts giving information regarding post exposure protocol and prophylaxis will be displayed in all working areas, documentation and follow up of any such incident will be done.

1.6 PEP protocol, prophylaxis and immunization Requirements for employee medical records:

- Employee's name and social security number
- Proof of employee's hepatitis B virus (HBV) vaccination or signed refusal
- Circumstances of any exposure incident (such as needle stick) involving the employee and the name of the source individual (eg: a patient whose blood or bodily fluid was involved in the incident)
- A copy of the postexposure follow up procedures for any injuries sustained by that employee
- These records must be retained by the employer for the duration of the employment plus 30 years

Follow up measures for exposed workers:

The following services must be offered to the employee without charge:

- Confidential medical counseling
- Human immunodeficiency virus (HIV) test series immediately and at 6 weeks, 12 weeks and 6 months
- Hepatitis B virus (HBV) immune globulin (if no prior HBV vaccination)
- Tetanus booster
- Documentation of incident on appropriate Occupational Safety and Health Administration (OSHA) form.

Dentistry amidst Covid Pandemic

Under the guidance of JSS AHER and infection control committee, JSS dental College & Hospital, the staff and student of our college is educated and equipped to provide safe and efficient dental treatment amidst Covid pandemic. All the essential safety and infection control protocols are being followed. Sign boards have been put up in the hospitals for patient education and safety.

Sign Boards to Educate Patients Regarding Safety Measurements during Covid Pandemic





CLIMATE ACTION

TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

Introduction

There is no country that is not experiencing the drastic effects of climate change.

Climate change is increasing the frequency and intensity of extreme weather events such as heat waves, droughts, floods and tropical cyclones, aggravating water management problems, reducing agricultural production and food security, increasing health risks, damaging critical infrastructure and interrupting the provision of basic services such as water and sanitation, education, energy and transport.

Global warming is causing long-lasting changes to our climate system, which threatens irreversible consequences. To limit warming to 1.5 C, global net CO₂ emissions must drop by 45% between 2010 and 2030, and reach net zero around 2050. In this background, Goal 13 calls for immediate action to combat climate change and its impacts by strengthening adaptive capacity to climate-related hazards and natural disasters in all countries, by integrating climate change measures into national policies, strategies and planning, by improving education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning and by promoting mechanisms for raising capacity for effective climate change-related planning and management in least developed countries. The goal also aims to implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization.

Efforts at A glance



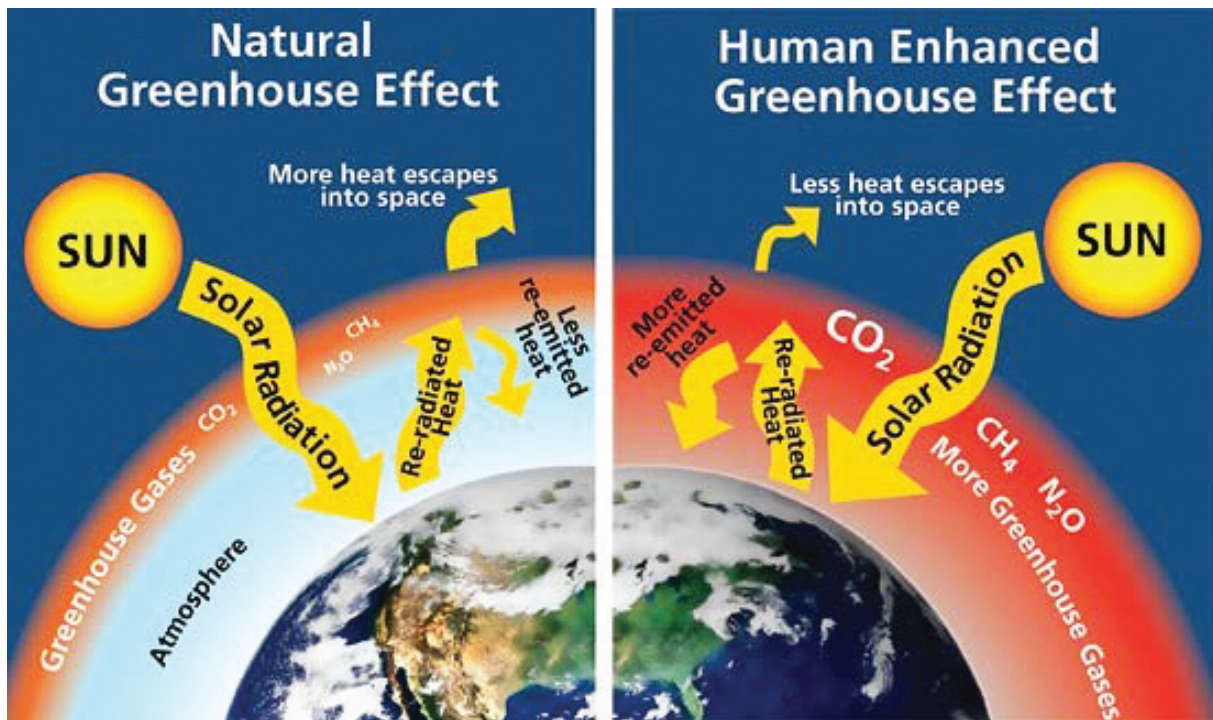
Climate change refers to long-term shifts in temperatures and weather patterns. These shifts may be natural, such as through variations in the solar cycle. Climate change encompasses global warming, but refers to the broader range of changes that are happening to our planet. The effects of Human causing Global warming are happening now, are irreversible on the timescale of people alive today, and will worsen in the decades to come.

Global climate change is not a future problem. Changes to Earth's climate driven by increased human emissions of heat-trapping greenhouse gases are already having widespread effects on the environment: glaciers and ice sheets are shrinking, river and lake ice is breaking up earlier, plant and animal geographic ranges are shifting, and plants and trees are blooming sooner. Effects that scientists had long predicted would result from global climate change are now occurring, such as sea ice loss, accelerated sea level rise, and longer, more intense heat waves. Climate change affects the social and environmental determinants of health – clean air, safe drinking water, sufficient food and secure shelter.

Some changes (such as droughts, wildfires, and extreme rainfall) are happening faster than scientists previously assessed. In fact, according to the Intergovernmental Panel on Climate Change (IPCC) — the United Nations body established to assess the science related to climate change — modern humans have never before seen the observed changes in our global climate, and some of these changes are irreversible over the next hundreds to thousands of years.

It's a known fact that our Earth's atmosphere consists of Nitrogen (78%), Oxygen (21%) and remaining 1% of other traces of gases, what we call as "Green House Gases" (GHG's) which are contributing towards the "Green House Effect" (GHE). Amongst the GHG's – Carbon dioxide forms the largest, about 56%, followed by Methane – 18%, Fluorocarbons – 13% followed by Ozone – 7% and Nitrogen Oxides – 6%. These form a blanket around and helps in keeping the Earth's atmosphere warmer by about 30 degrees which helps sustain life of literally every form under their respective prevailing climatic conditions. Another major factor contributing almost to 95% of the global warming is the "Water Vapour" following the vicious cycle as a result of the excess GHG's in our atmosphere.

31% of the solar radiation is reflected back and only 69% of it is absorbed by the Earth's atmosphere. Earth upon heating, reflects infrared rays back to the atmosphere which is absorbed by the GHG's and re-emitted back to the Earth and thus prevents heat from escaping and cause heat retention and this is what is called as GHE, which is definitely helpful if it is within normal limits without which our Earth would have been still in the Ice Age as depicted in the animated movie series with the same name, where in there was definitely very less carbon dioxide concentration in the glacial periods. But what is alarming in the new millennium is the rate at which the GHG's are being emitted and the rapidity with which our earth is being warmed. And the total amount of GHG's produced by an individual or a business or a product is called the "Carbon Footprint". Since the start of the Industrial Revolution in the 18th century in Europe, the amount of GHG's emission has been increasing exponentially from all across the globe.



A Glance at Efforts Green policy of JSSAHER



JSS AHER has its Green Policy which emphasizes on the following to be strictly followed in all its campuses.



Energy conservation strategies – For e.g. use of CFL/LED lights and Solar heaters and Air source heat pumps in the hospital and hostels



Plastic-free campuses



Conservation of water resources

Reducing paper communication: Use of electronic communication and patient management software



Provision for natural light in all its buildings Provision of a open court yard in the centre of the building .



The Institution also has included a subject Environmental Sciences in all courses as stipulated by UGC and organizes Environment Day and Water Day. The Institution believes in preserving traditional medicine and has established medicinal plants garden and promotes eco-friendly cultivation practices by organizing medicinal plants exhibition in JSS Urban Health Centre

The below mentioned models are established in the various buildings based on the size of the building and the extent and topography of the land.

- Simple roof water collection systems - Most of the rooftop rainwater harvesting has been completed by constructing five water storage structures with a storage capacity of 1000 m³.
- Land surface catchments – a simple way of collecting rainwater by retaining the flows (including flood flows) of small creeks and streams in small storage reservoirs (on surface or underground) created by low-cost dams

Programs Conducted



Our Planet Our Health-Sangama Program

Department of Public Health Dentistry, JSS Dental College & Hospital, JSS Academy of Higher Education and Research, Mysuru organized “SANGAMA” concluding ceremony of WORLD ORAL HEALTH DAY 2022 on 30th April 2022 at Smart class, JSSDCH.



Celebration of Constitution Day of India

Mass reading of the preamble to the constitution' was organized by NSS Unit, JSS Dental College and Hospital at 10.30 am on November 26th 2021, giving publicity and keeping COVID protocols in mind.



World Environment Day

Faculty of JSS Dental College and Hospital actively participated in World Environment Day 2022 which was observed on 9th June-2022. The programme was organized by NSS unit of JSS Dental College and Hospital. Saplings were distributed to general workers of the hospital and they were appraised about the importance of good environment, water and energy conservation.



LIFE BELOW WATER

CONSERVE AND SUSTAINABLY USE THE OCEANS, SEAS AND MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT

Introduction

The SDGs aim to sustainably manage and protect marine and coastal ecosystems from pollution, as well as address the impacts of ocean acidification. Enhancing conservation and the sustainable use of ocean-based resources through international law will also help mitigate some of the challenges facing our oceans. By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation By 2030, increase the economic benefits to Small Island developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism.

Life below water is defined as Conserve and sustainably uses the oceans, seas and marine resources for sustainable development. A large portion of our planets is covered by ocean and oceans play key role in supporting life on earth. It encompasses over 70% of the Earth's surface and holds the top position as the most bio-diverse ecosystem in the biosphere. It plays important role in balancing the climate, provides food and job.

Here are the 10 easy things that we execute to save our oceans which can be done at home, across town and on the ocean.

At home

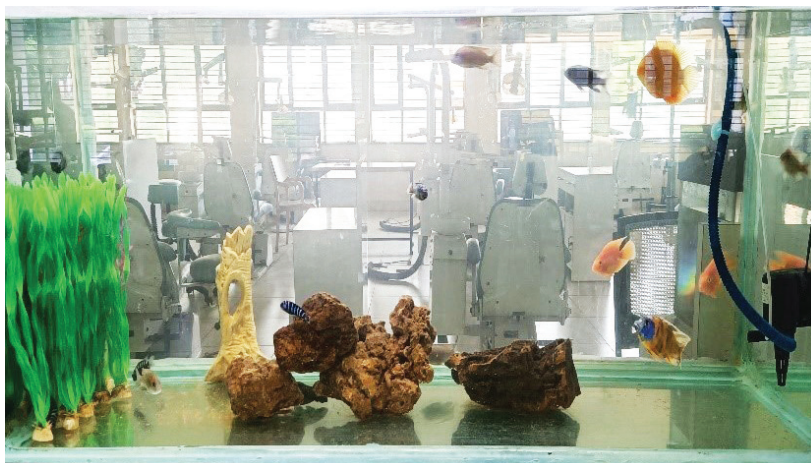
- Use less water so that excess wastewater will not run on to the ocean
- Reduce non-toxic chemicals and dispose them in a proper way

- Recycle the wet waste as a fertilizer and cut down what we throw across town
- Avoid using plastic covers, carry go-green bags or reusable bags and shop prudently and try to pick sustainable seafood.
- Reduce Vehicle Pollution by taking walk to near places, using bicycle, shifting for eco-friendly vehicles like electric car and scooters, solar powered vehicles, carpool or taking local transportation.
- Consume Less Energy by choosing energy efficient light bulbs and don't overset your thermostat, switch off the lights and fans when not in use.

On the ocean

- Fish Responsibly: follow “catch and release” practices and keep more fish alive end overfishing, illegal, unreported, and unregulated fishing, and destructive fishing practices and refrain from introducing new subsidies.
- Practice Safe Boating Anchor in sandy areas far from coral and sea grasses. Adhere to “no wake” zones.
- Respect Habitat: Healthy habitat and survival go hand in hand. Treat with care. Do not disturb the Eco-system.
- Last but not the least volunteer for clean-ups at the beach and in your community. You can get involved in protecting your watershed too!

Marine biodiversity





LIFE ON LAND

PROTECT, RESTORE, AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS

Introduction

Land and forests are the foundation of sustainable development. Forests, in addition to providing food security and shelter, are key to combating climate change, protecting biodiversity and are home to the indigenous population. Forests are home to more than 80% of all terrestrial species of animals, plants and insects. At the same time, around 1.6 billion people also depend on forests for their livelihood, including some 70 million indigenous people.

Human life depends on the earth as much as the ocean for our sustenance and livelihoods. Plant life provides 80 percent of the human diet, and we rely on agriculture as an important economic resource. Forests cover 30 percent of the Earth's surface; provide vital habitats for millions of species, and important sources for clean air and water, as well as being crucial for combating climate change.

While 15 percent of land is protected, biodiversity is still at risk. Nearly 7,000 species of animals and plants have been illegally traded. Wildlife trafficking not only erodes biodiversity, but creates insecurity, fuels conflict, and feeds corruption.

This necessitates urgent action to be taken to reduce the loss of natural habitats and biodiversity which are part of our common heritage and support global food and water security, climate change mitigation and adaptation, peace and security. Hence Goal 15 aims to protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combating desertification, halt and reverse land degradation and halt biodiversity loss, contributing in flourishing life on earth.

Green campus initiatives

The Institution also has included a subject Environmental Sciences in all courses as stipulated by UGC and organizes Environment Day and Water Day. The Institution believes in preserving traditional medicine and has established medicinal plants garden and promotes eco-friendly

cultivation practices by organizing medicinal plants exhibition in JSS Urban Health Centre. To meet the needs and sustainable management of fresh water, the rainwater harvesting, and utilization systems have been established in all the campuses of the university to aid towards the greater objectives of water management and conservation and increasing recharge of groundwater by capturing and storing rainwater, rainwater harvesting from rooftop run-offs and natural water bodies and the community development. The below mentioned models are established in the various buildings based on the size of the building and the extent and topography of the land. • Simple roof water collection systems - Most of the rooftop rainwater harvesting has been completed by constructing five water storage structures with a storage capacity of 1000 m³. • Land surface catchments – a simple way of collecting rainwater by retaining the flows (including flood flows) of small creeks and streams in small storage reservoirs (on surface or underground) created by low-cost dams • Collection of storm water – The surface runoff collected in storm water ponds/ reservoirs is subject to a wide variety of contaminants and every effort is made to keep these catchments clean.

- Rain water harvesting and retention facility in the campus
- Collection of storm water and every effort is made to keep these catchments clean.
- Save water reminders

Smart Campus Initiatives

- Replacement of 50% of regular bulbs with LED bulbs
- Landscaping around the college
- Providing water purifiers in every floor of the institution
- Initiation of G health Digital store software
- Installation of two effluent treatment plants
- Software for patient management and payment



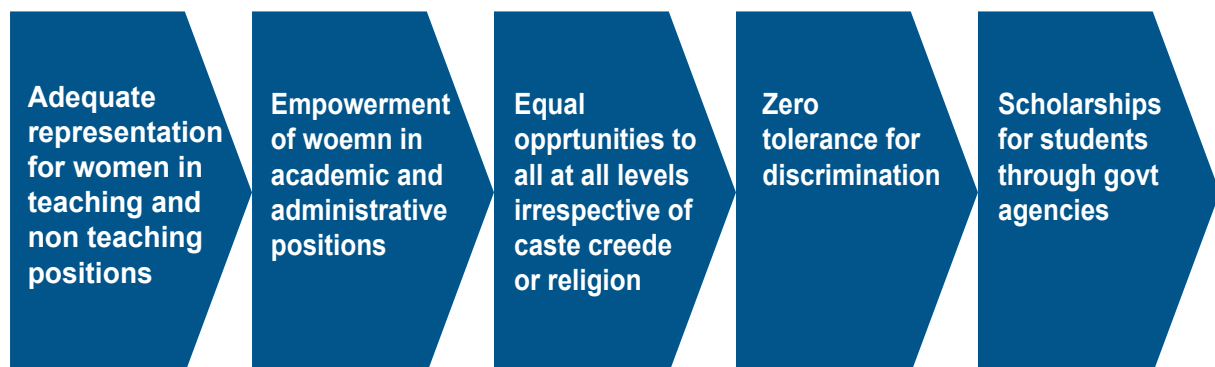
PEACE, JUSTICE AND STRONG INSTITUTIONS

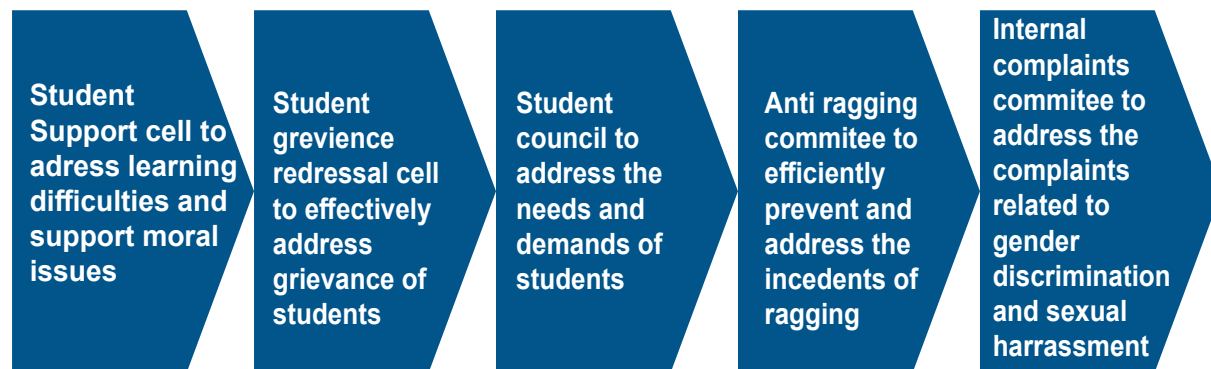
PEACE, JUSTICE AND STRONG INSTITUTIONS

Introduction

Diversification in every aspect of life has been noted not just in part of the world where we are living but in the entire globe. This has been noticed in every aspect of day to day life from, language, practices, economics, trade, religious practices, socialization, Etc. above differences could have led to Disparity in delivery of judgment and equality to very individual on this earth. Strong moral values and empathy are essential component of society. Despite having these high values social menace like Human and drug trafficking, Social and economic exploitation, violence and abuse towards children, armed violence against human race have becoming threat to the fabric of human race and civilization. To overcome this there should be mechanism to promote the rule of law at the national and international levels and ensure equal access to justice for all which would significantly reduce all forms of violence and related death rates everywhere, substantially reduce corruption and bribery in all their forms. This would help in developing effective, accountable and transparent institutions at all levels Ensuring responsive, inclusive, participatory and representative decision-making at all levels

This is not inevitable and must be addressed. The SDGs aim to significantly reduce all forms of violence, and work with governments and communities to end conflict and insecurity. Promoting the rule of law and human rights are key to this process, as is reducing the flow of illicit arms and strengthening the participation of developing countries in the institutions of global governance.





DEU-Orientation Program



An Interactive Orientation program on Manuscript Writing for scientific publication and awareness on creating Scientific IDs for Second Year MDS Students was conducted by Dental Education Unit (DEU), Unit Of CCLPE, on 31-03-2022 at Board Room, JSS Dental College and Hospital, JSSAHER.

Dr Chandrashekar B R, Vice principal, JSSDCH and Dr Sunila B. Sangappa, Convener, Dental Education Unit, Reader, Department of Prosthodontics and Crown and Bridge JSSDCH addressed the delegates regarding the value and significance of undertaking research and its timely dissemination . Dr Sanjay C J, Member DEU coordinated the program.

Prof. Dr Darshan Devang Divakar, MDS, PhD, Faculty of Dentistry Levy Mwanawasa Medical University (LMMU), Lusaka, Zambia rendered his expertise on the art and science involved in Manuscript writing along with pointers for selecting journal and the do's and don'ts' in the process of Publishing. Dr Sanjay C J, MDS, Reader, Dept of Oral Medicine and Radiology, JSSDCH shared information regarding value of creating scientific IDs at different scientific platforms.

DEU - 1st BDS Orientation Program



In continuation to Induction Program from Dental Education Unit, JSS Dental College and Hospital , JSSAHER Orientation Program was convened for all our new young minds of first year BDS to explore the rich learning experience that enables all to grow ,discover and to make a difference for themselves and the world

on March 16th and 17th 2022 presided by Dr. Ravindra S, Principal and Dr. Chandrashekar B R, Vice Principal, & Dr. Sunila B Sangappa, Convener, DEU and moderated by Dr. Seema Deshmukh , Member Secretary DEU.

The students had an interactive sessions on the topic 'Balancing academic and person life' by Dr Kishore M Associate, Professor Dept, of Psychiatry, JSSAHER JSS, Hospital, Mysuru,' Professionalism' by Dr Vijaya Vageesh Y, Associate, Professor Dept, of Physiology, JSSAHER JSS Medical College, 'Overview to JSS AHER and Introduction to Departments' by Dr. Avinash B S , Reader, Dept of Periodontology JSS DCH, JSSAHER, Pursuing Passion with Academics by Dr. Usha , Prof and Head Dept. of Oral Pathology, JSS DCH, JSSAHER, Schedule of Co-Curricular events by Dr.Aruna, Lecturer Dept of Periodontology JSS DCH, JSSAHER, 'Dental Ethics' by Dr.Chandrashekar Vice Principal JSS DCH, JSSAHER, 'Value of Communication skills ' by Dr. Sunila B Sangappa Reader, Dept of Prosthodontics and Crown & Bridge , JSS DCH, JSSAHER and Student Perception by Glen Mathew Third BDS Student and Rimsha Minhaz Intern JSS DCH, JSSAHER across the two day program.

Intern Orientation Program



Focusing on orienting the Graduating students in all prospects of their future Dental Education Unit, a unit of CCLPE, JSSDC&H organized 'Intern Orientation Program' on Intern orientation program was organized by Dental Education Unit on 9th of Dec 2021. The program was organized to help students regarding the

various opportunities for the BDS graduates and how to prepare themselves for upcoming post graduate entrance examination. The program was virtually inaugurated by Dr Raveesha K A Professor and Head, Department of Water & Health Sciences, JSSAHER was the chief guest. Dr Ravindra S Principal JSSDCH welcomed the chief guest and the gathering. Virtual inaugural was concluded with vote of thanks by Dr Sunila Convener, Dental Education Unit.

Dr Ambikathanaya U K Member DEU moderated the sessions. Dr Chandrashekar B R Vice-Principal, Professor & Head, Dept of Public Health Dentistry, JSSDCH created an awareness regarding Roles & Responsibilities as an intern among the participants. Resource Faculties Dr Raison Thomas Director CEDEES, Professor, Dept of Periodontology, Bapuji Dental College & Hospital gave suggestions about preparation for postgraduate entrance examinations. Dr Vaibhav kumar Assistant Professor, Dept of Public Health Dentistry, Terna Dental College, Navi Mumbai spoke about Career opportunities for a Dental graduate He also detailed on process of certification of exams for an International dental graduate at USA, Australia, Canada and UK and finally Dr Bennet Fernandes, Faculty of Dentistry, SEGI University from Malaysia encouraged students how to improve their skills and become expert in their own field.



PARTNERSHIPS FOR THE GOALS

STRENGTHEN THE IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT

Introduction

Globalization has made the world more interconnected in terms of technology, knowledge sharing, sharing resources, man power, financial support, etc. Cooperative work is an important way to share ideas and nurture innovation. To achieve the 16 Sustainable goals partnerships in all dimension becomes more important by promoting inter-sectoral and international collaborations. Coordinating policies to help developing countries manage their debt, as well as promoting investment for the least developed, is vital for sustainable growth and development. Goal 17 Aims to mobilize additional financial resources for developing countries from multiple sources that assists developing countries to attain financial stability, which would create international co-operation on science technology, innovation and would provide opportunities for knowledge sharing. The goal also aims to help developing nations in capacity building, increase their export and enhance policy coherence for sustainable development.

Programs organized: International Collaboration



The Department of Periodontology, JSS Dental College & Hospital, Mysuru organized an International Webinar on ‘Chemical Plaque Control: Busting the Myths’ on 16th July 2021 with the following Learning objectives: The webinar discussed the use of chemical plaque control in contemporary dental clinical practice.

It focused on the following points:

- Understanding mechanisms of action of oral

antiseptics commonly used in dental clinical practice

- Evidence-based use of oral antiseptics for various clinical indications.
- Understanding and minimizing their adverse effects
- Explaining misconceptions related to chemical plaque control.

The Resource Faculty, Dr Tihana Divnic-Resnik is currently working as a Senior Clinical

Lecturer, Doctor of Dental Medicine, Periodontics at University of Sydney, Australia. The Session was moderated by Dr Harsha M B, Professor & Head, Dept. of Periodontology, Hasanamba Dental College, Hassan, Karnataka, India. Organizing Committee Members : Dr. Ravindra S, Dean, Faculty of Dentistry, JSSDC&H, Dr Deepika P C, Professor & Head, Dept. of Periodontology, JSSDC&H & Dr. Avinash B S, Reader, Dept. of Periodontology, JSSDC&H.

Extracoronary preparations act as a core or base where restorative material is placed to restore the tooth's function and aesthetic structure. An International Webinar on 'Extra Coronal Full Coverage Restoration for Primary Dentition' was organized by the Department of Pediatric & Preventive Dentistry, JSSDC&H on 30th July 2021. The Resource Faculty, Dr Tarun Walia is currently working as the Program Director and Associate Professor, Unit of Paediatric Dentistry Department of Clinical Sciences, College of Dentistry, Ajman University, Ajman.

Killing The Killer - Diabetes- A Kaleidoscope A virtual Inaugural of webinar series was organized on 26/6/2021 by Special Interest group (SIG)- Diabetes and Oral Care along with the the Patrons of JSSDCH, JSSAHER (the team was introduced Dr. Ravindra Shivamurthy, (Principal,JSSDCH). The theme of Killing the killer-the Diabetes-A Kaleidoscope had around overwhelming registrations. Our Gracious Her Highness Pramoda Devi Wadiyar was the chief guest, Dr. Manjunath B, Registrar, JSSAHER was the Guest of honor. The Mysore Royale spoke on the some of the different aspects of diabetes inclusive of dental and the nutritive world of it. Such a Webinar series, was arranged as the COVID 19 scenario would make diabetic component difficult to handle. With this intention, a webinar series was organized by this team to (a group of Dentists, Physician, microbiologist, Pharmacologist, Biochemist) under the Leadership of Dr. Anitha Subbappa, team lead and Organizing Secretary and Dr. Suneeth Shetty, Convener. The Webinar series, from 26th 29 th June 2021 has National, International speakers/panelists who have a common forum for the same to enrich doctors/dentists for better handling of diabetics with oral diseases. The webinar series throws light on the kaleidoscopic aspects of diabetes-basic disease concepts, pharmacological, genetics, diet, community aspects (medical and dental), immunological patterns, oral and treatment perspectives will be lectured on. This was co-partnered with Curaden.

An international webinar on Psychiatry elements in diabetes was organized by special interest group 'Diabetes & Oral Care' in collaboration with Mindful TMS. The guest speaker Dr.Sandeep Govil spoke about the psychiatric aspects in diabetes and its management.

Visit of Delegation from Nova Biomedical Corporation, USA

Dr. Dennis Begos, Medical Director and Mr. Manoj Kushwaha, India / SAARC regional Manager, Nova Biomedical Corporation, USA visited JSS AHER from 29th November 2021 to 3rd December 2021 and held discussions with the leadership of JSS AHER, Mysuru for establishing collaboration in healthcare. The primary objective of this visit was to explore the various avenues of collaboration between the two organizations for scientific outcomes in the areas of Clinical research.

The team of researchers from JSS AHER, Mysuru are working on 10 studies to validate a new



technology of measuring ionized magnesium in several disease conditions employing a novel diagnostic instrument provided by Nova Biomedical.

The team held interactions with the leadership of JSS AHER, Mysuru, Deans of the faculties, researchers and leadership from JSS Hospital, Mysuru. They also had a tour of research labs, academic, clinical and hospital infrastructure at Mysuru. They also visited the Suttur School, JSS Hospital at Suttur and Chamarajanagar.

Nova Biomedical Corporation, USA has extended its support in establishing point of care devices at the JSS Hospitals for the benefit of the patients and improved access to healthcare

Dr. Anupam Podder , Associate Professor, Dhaka dental College & Hospital, Bangladesh



visited department of Periodontology for training programme in Periodontology from 27th June till 23rd July 2022. During his stay Dr. Podder underwent training in various Periodontal surgical procedures. He also had opportunity to visit other departments in the college and interact with the faculty. Dr. Podder also presented a lecture on the current scenario of Periodontics in Bangladesh.

Global Immersion Program - JSS Dental College Students visit to AIMST University, Malaysia.



08 Students from JSS Dental College & Hospital, Mysuru are undergoing a Global Immersion Program at AIMST University, Malaysia for a period of two weeks. The programme combines study abroad experience and exposure in a multi-cultural setting in Malaysia. This unique experience will enhance the skills and learning amongst the students and make them competent globally. The JSSAHER Team wishes them a joyful and fruitful

learning experience

MoUs with institutions of National, International

Organization with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MoU year wise
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.
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.
M/s. Dentcare Dental Lab private ltd., NAS Road Muvattupuzha Kerala	22.04.2022	21.04.2023	Fabrication of Prosthesis
Colgate Palmolive (India) Ltd., Colgate Research Centre, Main Street, Hiranandani Gardens, Powai, Mumbai – 400076	10.03.2022		Dental, in-vitro and clinical research
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.
Sri Ramachandra Institute of Higher Education and Research, Chennai	15.02.2022		Collaboration of multi centric project titled "Knowledge, attitude and practice regarding caries risk among dental students – A multi centric study"
Group Pharmaceuticals Ltd., Bangalore	03.01.2022		Collaboration of funded research project Titled "Fennel Extract gel for Dental Purpose" (Rs.1 Lakh)
South Western Railway, Govt. of India, Yadavagiri, Mysuru	12.01.2022	2 Years	Oral health care services to railway employees

Organization with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MoU year wise
Triphase Pharmaceuticals Pvt. Ltd.,Hebbal, Mysuru	Jan 2017	5 Years	<p>Commercialization of Oral Composition comprising Thermostable Probiotics for Oral Health –Oral Patch in high caries risk. Which has been developed as a collaborative activity of JSS Academy of Higher Education & Research and Triphase Pharmaceuticals Pvt. Ltd.,(letter of intent received on 11.1.2022)</p> <p>Co-operate in the establishment of a joint activity in providing quality education to prospective students to bridge the gap between academic institution sand the industry.</p>
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"
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
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