

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

COMPENDIUM ON SDG-8

DECENT WORK AND ECONOMIC GROWTH

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

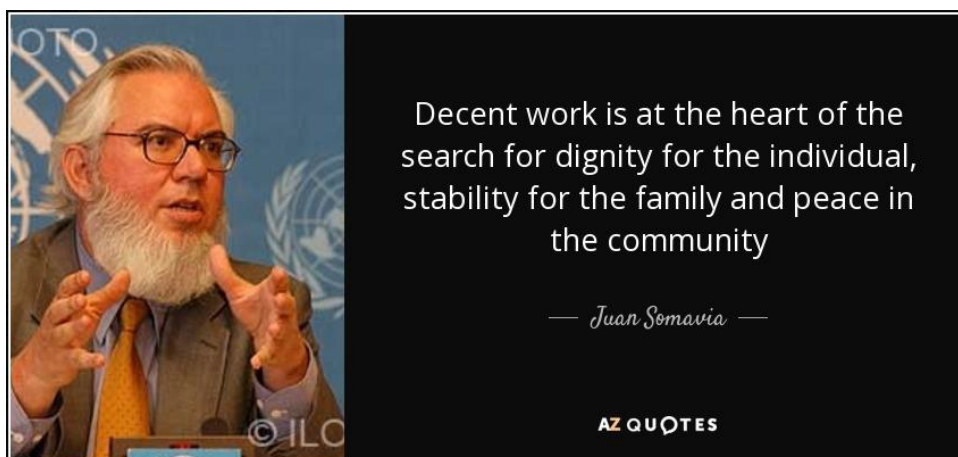
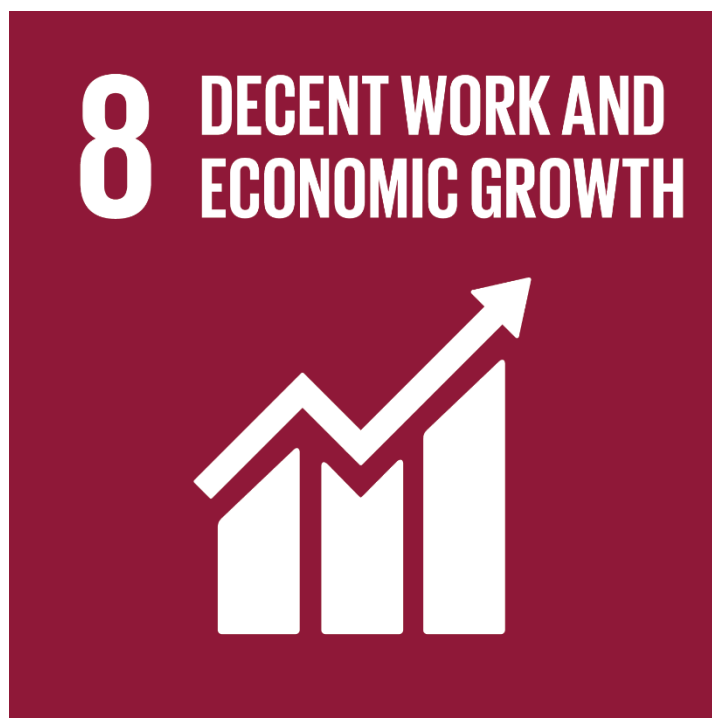


2021-22

Table of Contents

Sl.No	Title	Page number
1.	ABOUT THE GOAL	2
2.	ACTIVITIES CONDUCTED ALIGNING TO SDG 8	3
3.	ACADEMIC ACTIVITIES RELATED TO THE SDG 8	4-8
4.	RESEARCH RELATED TO SDG 8	9-40
5.	SPECIAL INTEREST GROUP	41
6.	HOSPITAL STATISTICS	42-44
7.	Staff WELFARE	45-48
8.	PUBLICATIONS	49-50
9.	ACTIVITIES SUPPORTING SDG 8	51-62

ABOUT THE GOAL



SDG 8 aims to promote **economic growth and decent work** for all.

Sustained and inclusive economic growth is a prerequisite for sustainable development, which can contribute to improved livelihoods for people around the world. Economic growth can lead to new and better employment opportunities and provide greater economic security for all.

The details provided below indicate the direct or indirect contributors to the economic growth of the institution, hence SDG8

ACTIVITIES CONDUCTED ALIGNING TO THIS GOAL

Economic development through creating employment opportunities:

The placement cell of the department conducts various activities to assist students to build their careers. The placement process starts by developing students' employability skills through professional training. In this regard, the department has built-in approaches in terms of-

- I. Research-oriented approach: To test the theories and concepts the students are encouraged to carry out research, assimilate facts, analyse and bring out finding with evidence in terms of research articles, paper presentation, and article publication.
- II. Experiential learning approach: This innovative teaching pedagogy puts students on to various departments of the hospital to learn the various processes and understand the bottle necks and issues in those areas under the guidance of hospital staff through hospital postings.
- III. Intense training: During the 24 months program the students are trained in the class with the concepts and theories of management and health care, combined with hands-on learning in the hospital. This together with intense mentorship makes the students confident health care managers.

ACADEMIC ACTIVITIES RELATED TO THE SDG 8

a) Courses Up gradation and New Additions

Purpose	Subjects	No. Of Seats
Renewal of recognition	DM Neurology	02
	DM Medical Gastroenterology	01
	M.Ch Urology	01
Increase of seats	M.Ch Urology	01 to 04 seats
	MD Anaesthesiology	12 to 14 Seats
Starting of new course	MD Geriatrics	02 Seats
Renewal of recognition	MBBS COURSE	200
	DPM	01
	MD Emergency Medicine	02
	MD Respiratory Medicine	02
	MS Ophthalmology	04
	MD Hospital Administration	02
	MD Radio-Diagnosis	05
MD General Medicine	14	
Accreditation of bachelor of occupational therapy (bot)	Bachelor of Occupational Therapy (BOT)	12

b) Awards and Scholarships

Awards instituted by donors

Gold Medals	09
Cash Prizes	15

c) Library books and expenses

JSS Academy of Higher Education & Research follows utmost transparency in every possible aspect and provides opportunities for the employees a great environment to work in. Following the footsteps of the Institute, the Faculty of Life Sciences has also been functioning with transparency and respect towards the employees.

Further, the Department has been providing orientation to students regarding their employment after their graduation in association with the Placement Cell, which is efficiently functioning for the future of the students.

JSS AHER has been functioning with the following policies

- Aligning employment, training and regulation policies to be consistent with commitments to equity and access strategies and targets.
- Providing appropriately positioned and supported scholarship and financial assistance schemes for students in need.
- Supporting creativity and innovation through a culture of acceptable risk-taking, providing the appropriate space and process for ideas to flourish.
- Monitoring employment outcomes and academic workload management.
- Implementing socially and environmentally responsible procurement policies and procedures, affecting up and down the supply chain.
- Critically querying the role of economic growth.

RESEARCH RELATED TO SDG 8

a) Projects

Major Projects

Funding Agency	No of Projects	Amount
DST	5	1,97,68,950
DST Sathyam	1	5,50,000
DBT	7	15,83,16,719
DBT Builder	1	19,00,00,000
DBT Ramalingaswamy	2	2,27,20,000
SERB	1	51,30,000
CSIR IICB	1	7,32,792
ICMR	13	3,24,06,562
KSTA	3	1,05,000
MANTA HMIC, New Delhi	2	2,00,000
Christian Medical College, vellore	2	12,05,568
IADVL	3	13,35,480
Dr Somashekar and Malathi Health and Wellness Foundation	1	12,50,000
Nidhi Prayas	1	10,00,000
iMERA	1	10,00,000
Novelties	1	28,00,000
MPMRT	1	3,00,000
Bodoland University, Assam	2	1,35,00,000
ICMR (NIRT)	1	60,16,387
ICMR	1	69,22,270
Biotechnology Industry Research Assistance Council (BIRAC)	1	1,76,92,000
Genova	1	34,00,000
ICMR	1	39,60,432
Reddy's Lab, Hyderabad	1	9,00,000
Latrobe University, Melbourne	2	37,68,682
Swedish Heart Lung Foundation	1	65,83,300
Swedish Karolinska Institute	1	50,46,000
WHO	2	26,17,965
PHRI, Hamilton, Canada	1	11,72,164.00
GHEs, NIS, USA	1	16,89,000.00
Imperial College, London	1	11,14,318.00
Total		51,32,03,589.00

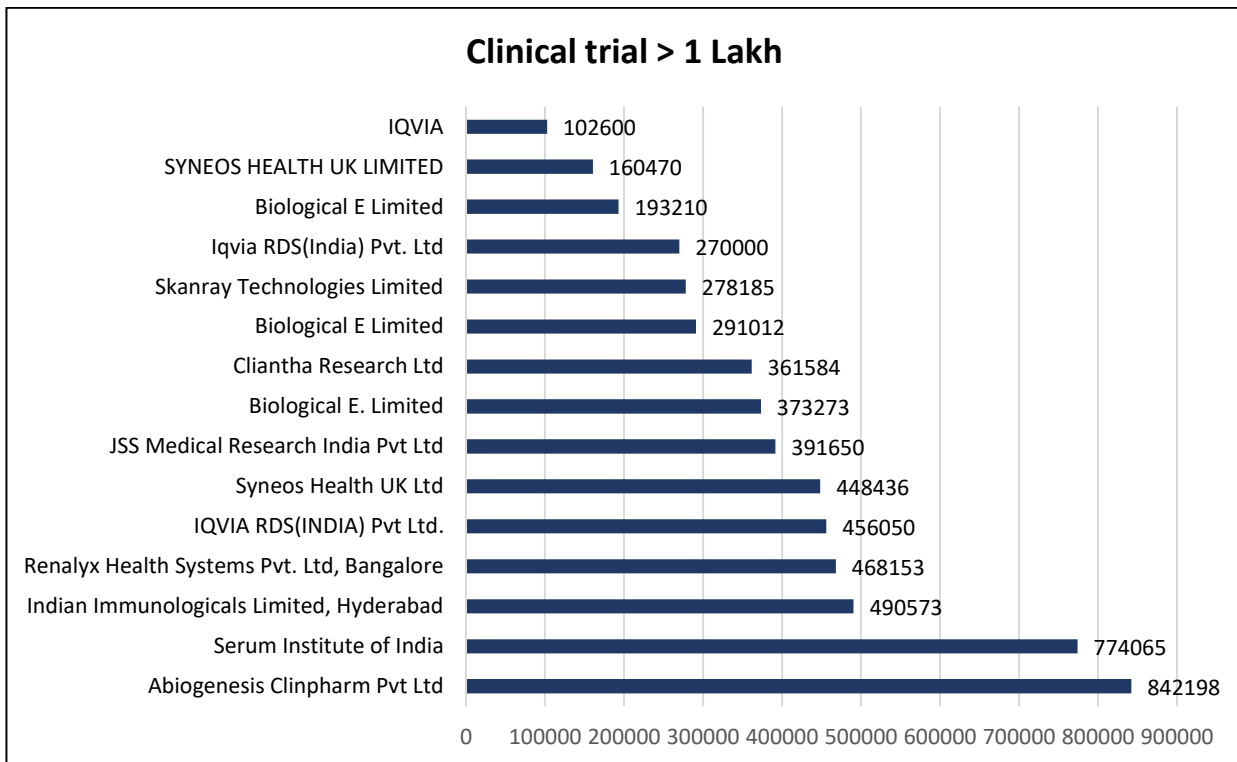
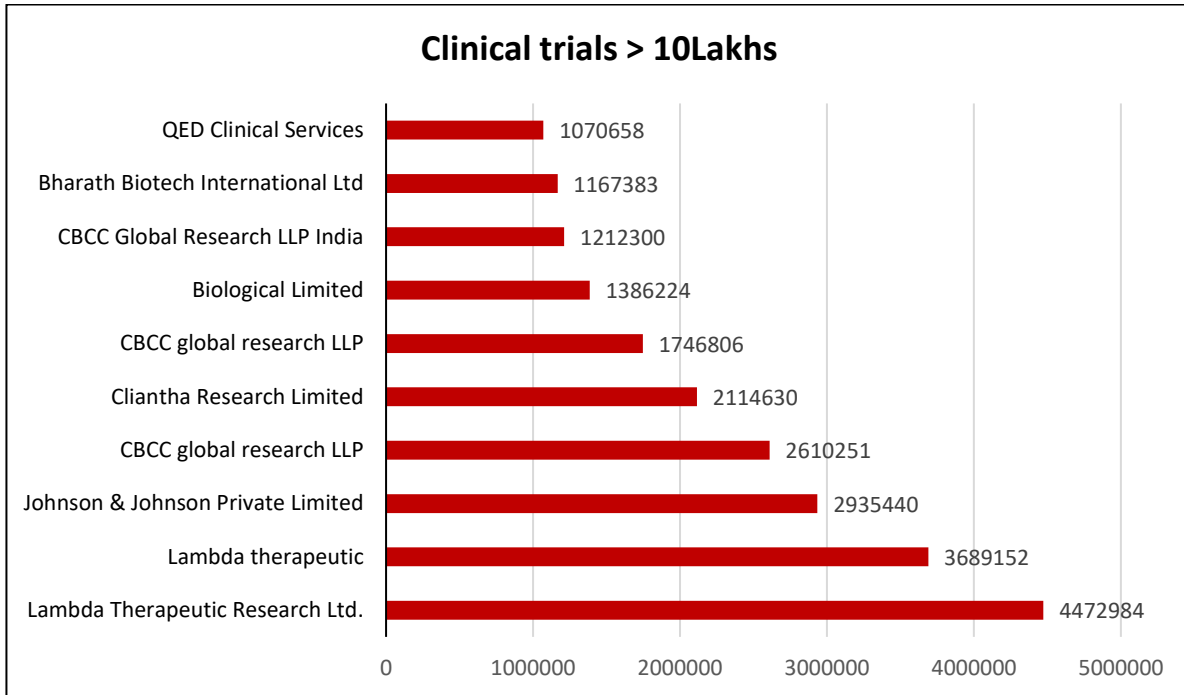
JSSAHER & Industry Sponsored Projects

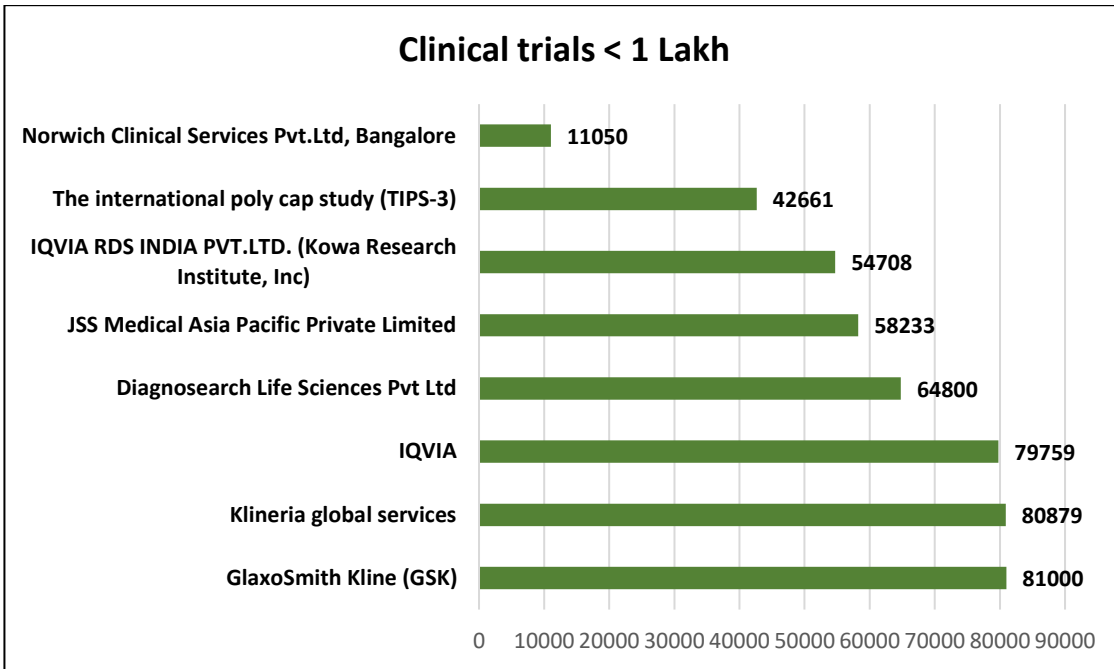
Funding Agency	No of Projects	Amount
JSSAHER	45	23,51,640.00
NOVA BIOMEDICALS (INDUSTRY SPONSORED) RESEARCH	14	-

Student Projects

Funding Agency	Number of Projects	Grant amount
ICMR	12	6,30,000

Clinical trials

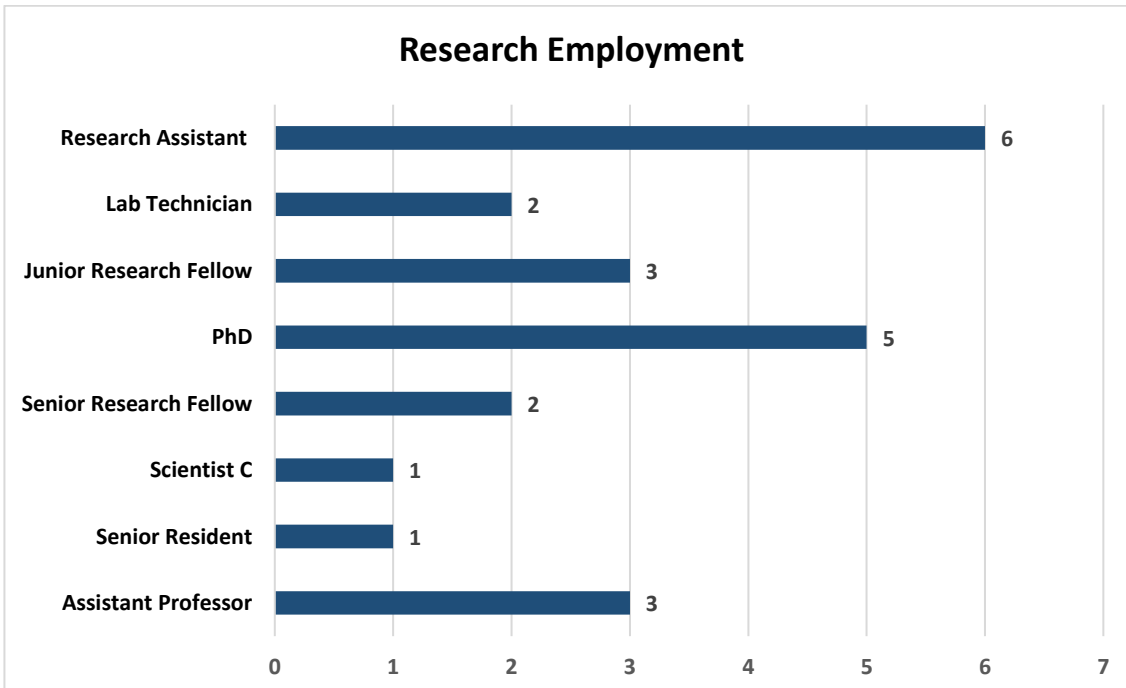




Patents

09 nder examination from several departments - biochemistry, pediatrics, ENT

Research Employment



- Biotechnology Industry Research Assistance Council (BIRAC) – 36 staff
- Publications for 1 year – 25

**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	Grants
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

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	-
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)
5	Principal Investigator: Dr Chandrashekar B	Enhancing identification and counseling skills of	17.94560	ICMR	3 Yrs.	Sanctioned 30.12.2021	8.79186 (30.12.2021) No.5/13/6/

	R Prof., & HOD, Dept. of Public Health Dentistry Co- investigator s Dr. Jaishankar HP, JSSDCH, Dr. Suma S, JSSDCH, Dr. Praveen Kulkarni, JSSMC, Dr. Madhu B, JSSMC, Dr. Kishor M, JSSMC	medical and dental undergraduate students using a customized e-learning module on Tobacco Counseling - An education innovation project using ADDIE framework.					Tobacco/202 0/ NCD- III/30.12.202 1
6	Principal Investigator: Dr Aruna G Lecturer	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	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	1.00	JSSAHER	2 Yrs.	Ongoing	
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	

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	
10	Dr Anitha Subbappa Reader Dept. of Periodontology Co- investigato rs Dr Mahesh P A Prof., Dept. of Pulmonology, JSSMCH Dr B Nandla I Prof., Dept. of Pedod ontics & 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 premalignant 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

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 Priyadarshini 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
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-Investigator s: Dr Harsha Raj B S Lecturer Dept. of Oral &	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	0.26	JSSAHER	2 Yrs.	Ongoing	0.13000

	Maxillofacial Surgery	by antibiotic culture sensitivity					
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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	Chlorhexidine oral wipes for debilitated bedridden geriatric patients for home care and	10.00	BIRAC Ref. No. BT/ AGCJC0153/01/22	6 Months	Submitted May-2022	

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

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

	Pathology & Microbiology Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B, Asso.Prof., SJCE	the treatment of chronic gingivitis-A clinical and microbiological study					
11	Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry	(Inter-institutional research project with SJCE)	15.00	VGST K-FIST	3 Yrs.	Submitted 16.02.2022	
12.	Principal Investigator: Dr Raghunandan S NIE College, Mysore Co-PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive	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	

	Dentistry						
13.	Dr Shyam Sundar S Reader Dept. of Oral &	Synthesis and validation of osteogenic thin films using	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, JS SDC 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.	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 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	
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 photodynam ic 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	
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	0.85	JSSAHER	1 Yr.	Submitted 29.06.2022	

		with chronic periodontitis"- A randomized controlled trial					
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	

Sl. No.	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakhs	Sponsoring Agency
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
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
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
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
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

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
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
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
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
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

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
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
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
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
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

15	Principal Investigator Ms Resmitha 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
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
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
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
19	Principal Investigator Ms Disha R Jain BDS studen 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

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
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
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
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
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

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
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
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
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
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)

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
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
32	Principal Investigator Mr Arjun S BDS student Guide: Dr Sowmya S Lecturer Dept. of Prosthodontics and Crown & Bridge	Analysis of association between oral hygiene, tooth loss among Alzheimer patients using montreal cognitive assessment and lactoperrin salivary biomarkers	0.50	ICMR-STS
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
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
35	Principal Investigator Ms Kiruthika M IV BDS student Guide: Dr Anupama C Lecturer	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

	Dept. of Prosthodontics and Crown & Bridge			
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
37	Dr Ankita SingPStudent 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
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
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
40	Dr Prakash P PGStudent 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
41	Dr Laura Anne Prisca Melba AlbuquerquePG 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

42	Dr M Anusuya PGStudent 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
43	Dr Nikita Sebastian PGStudent 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
44	Dr Kritika Banerjee PGstudent 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
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
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
47	Dr Priyanka Agarwal PG Student Guide: Dr Prathibha Shashikumar Reader, Dept. of Periodontology	Efficacy of Antimicrobial photodynamic therapy using indocyanine green as an adjunct to nonsurgical periodontal therapy in controlled type 2 diabetes mellitus patients with chronic periodontitis: A clinical and microbiological study	0.25	JSSAHER

48	Dr Jeessica PStudent 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
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
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
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
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
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

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
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
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
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
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
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

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
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
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 bi-molecule	0.25	JSSAHER
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
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
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

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
4.	Principal Investigator: Dr Chanchala H P Lecturer Dept. of Pedodontics & Preventive Dentistry	Chlorhexidine oral wipes for debilitated bedridden geriatric patients for home care and hospital care	10.00	BIRAC Ref. No. BT/ AGCJC0153/01/22	6 Months	Submitted May-2022

5.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics	Methylation of salivary anti-microbial genes (hCAP18 gene & β defensin 2) & their expression in association with vitamin D deficiency : An implication on oral health	44.709	SERB Dept. of Science and Technology Govt. of India	3 Yrs.	Submitted 11.4.2022
6.	Principal Investigator: Dr Ashwini T S Reader Dept. of Conservative Dentistry & Endodontics Co-PI: Dr Sowmya H K Lecturer, Dept. of Conservative Dentistry & Endodontics	Centre of excellence in micro endodontic	40.00	VGST	3 Yrs.	Submitted 22.02.2022
7.	Principal Investigator: Dr Suma S Reader, Dept. of Orthodontics & Dentofacial Orthopedics Co-PI: Dr Meenakshi S Lecturer, Dept. of Prosthodontics and Crown & Bridge	Quantitative evaluation of factors associated with external apical root resorption and morphometric changes in alveolar bone and roots of maxillary incisor using Digital Subtraction Radiography during orthodontic treatment.	2.5	VGST	1 Yr.	Submitted 22.02.2022
8.	Principal Investigator: Dr Chandrashekar B R 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	25.00	VGST	2 Yrs.	Submitted 22.02.2022

		rural and tribal areas.				
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
11.	Principal Investigator: Dr Srinath S Asso.Prof., SJCE Co-PI: Dr Rudraswamy S B,	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

	<p>Asso.Prof., SJCE Dr Prashanth S Reader Dept. of Pedodontics & Preventive Dentistry Dr Seema Deshmukh Reader Dept. of Pedodontics & Preventive Dentistry</p>					
12.	<p>Principal Investigator: Dr Raghunanda n S NIE College, Mysore Co- PI: Dr Seema Deshmukh Dr Indira M D Dept. of Pedodontics & Preventive Dentistry</p>	<p>Core and shell type multi- functional YSZ based composite material for dental application</p>	44.91	<p>DST (Collaborative research with NIE, Mysore)</p>	2 Yrs.	Submitted 14.01.2022
13.	<p>Dr Shyam Sundar S Reader Dept. of Oral & Maxillofacial Surgery</p>	<p>Synthesis and validation of osteogenic thin films using atomic layer deposition for bone regeneration</p>	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.	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 Deepti Thandaveshwara, JSSMC Dr RaviShankar SN Accreate Labs Private	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

	Limited, B'lore					
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 photodynami c 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 Paramull 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

Economic Outcome from ONGOING EXTERNAL FUNDED RESEARCH PROJECTS -
CONSOLIDATED REPORT (2021-22)

Project details	Numbers	Sanctioned funds In Lakhs-INR
ICMR	02	20.38
CSR- DST	01	6.0
SERB-DST	01	2.0
CIIMS Collaborative project	01	5.67
JSSAHER	21	3.74
Total	26	37.79

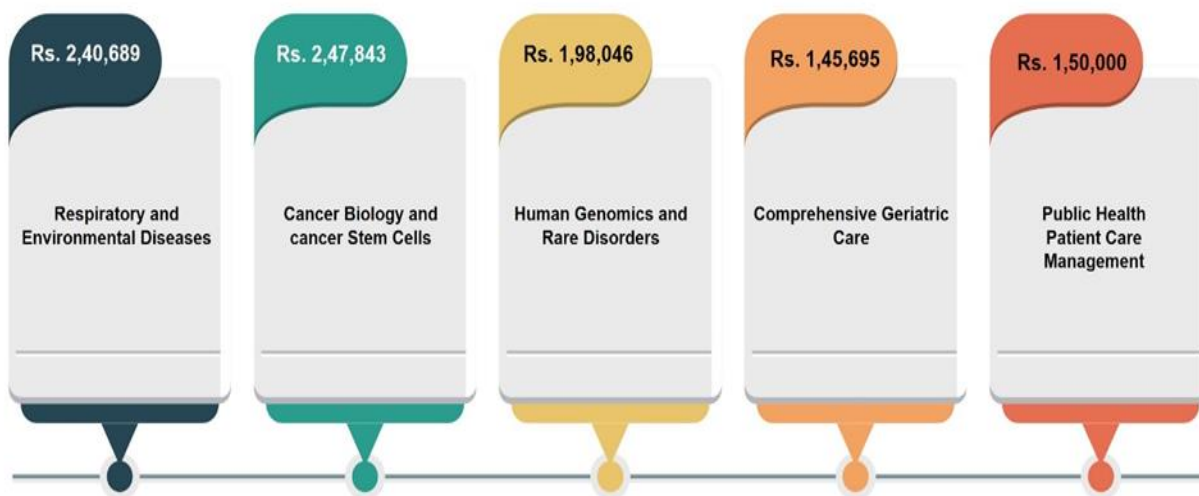
Fellowships granted from funding agencies (2021-2022)

Total fellowship granted: INR 6235020.00 Lakhs

Department	No. of fellowships	Funding agencies
Pharmaceutics	04	PM fellowship
		ICMR
		K-STePS
		JSS U Fellowship
Pharmacognosy	02	DST Fellowship
		K-STePS
Pharm. chemistry	04	JSS U Fellowship
		DST Fellowship
		ICMR
		DST-WOS
Pharmacology	03	JSS U Fellowship
		ICMR
		CSRI – DST
Pharmacy Practice	02	Mou with La Trobe University
		JSS AHER

SPECIAL INTEREST GROUP

A research community within JSSHER connecting constituent colleges with a shared interest in advancing a specific area of knowledge, learning or technology where members coordinate within their particular field, specialties and communicate, meet, and plan research advances.



Special Interest Group (SIG)

Leader	Department	Title of the project	Amount sanctioned	Amount released
Dr.Saravana Babu	Pharmacology	"Brain, Behaviour and Cognitive Neuroscience Research"	300000	50,000

Hospital Statistics

a) Body Donation Association

Sl.no	Male	Female
Registered	58	48
Donated	13	09

b) Genetic counseling

Sl.No	Details	Numbers
1	New Cases	204
2	Old Cases	145
	TOTAL	349

c) Laboratory Investigations

Department	No of Investigations
Biochemistry	13,81,964.
Pathology	14,81,750
Microbiology	1,42,616

Medical Departments

Department	OPD	IPD	Other procedures
Medicine	177369	12210	-
Respiratory medicine	22598	1589	2318
Geriatrics	19421	2030	-
Paediatrics	45662	7073	
Dermatology	59195	2452	6604
Psychiatry	22925	1205	10583
Emergency medicine	10105	5419	586
Rheumatology	9482	195	-

d) Surgical Departments

Department	OPD	IPD	Day Care	Major OT	Minor OT
General surgery	76449	9707	629	6407	12738
Obstetrics and gynaecology	40714	5747	416	2048	2048
Orthopaedics	77642	4087	520	2544	7179
ENT	56371	2009	470	1792	5310
Ophthalmology	38457	2557	360	2196	1016
Anaesthesiology	14804				

e) Super - speciality Departments

Department	OPD	IPD	DAY CARE	Major OT	Minor OT
<u>Cardiology</u>	<u>8849</u>	<u>379</u>	<u>15680</u>	-	-
<u>Nephrology</u>	<u>10528</u>	<u>1165</u>	<u>24613</u>	-	-
<u>Neurology</u>	<u>32987</u>	<u>946</u>	<u>1886</u>	-	-
<u>Medical gastroenterology</u>	<u>20349</u>	<u>1499</u>	<u>4824</u>	-	-
<u>Oncology</u>	<u>1231</u>	<u>151</u>	-	<u>136</u>	<u>218</u>
<u>Urology</u>	<u>12644</u>	<u>1160</u>	-	<u>485</u>	<u>1211</u>
<u>Neuro – surgery</u>	<u>13782</u>	<u>1268</u>	-	<u>346</u>	<u>200</u>
<u>Paediatric surgery</u>	<u>4407</u>	<u>578</u>	-	<u>521</u>	<u>119</u>
<u>CTVS</u>	<u>2018</u>	<u>538</u>	-	<u>52</u>	-
<u>Surgical gastroenterology</u>	<u>2386</u>	<u>720</u>	-	<u>398</u>	<u>120</u>
<u>Plastic surgery</u>	<u>2068</u>	<u>277</u>	-	<u>349</u>	<u>843</u>

f) Comm. Medicine

Sl.No	Departments	Details
1	Medicine	2876
2	Surgery	214
3	Obg	267
4	Paediatrics	692
5	Dermatology	234
6	Ent	23
7	Ophthalmology	105
8	Orthopaedics	32
9	Dental Procedures	11

10	Dental Opd	57
11	Health Education Activities	107
12	Research Activities	35

h. Forensic Medicine

Sl.No.	Medicolegal Work	Numbers
1	Autopsy	119
2	Sexual Offence – Victim/Offender Examination	21
3	Expert Opinion	2

i. Anesthesiology

Department	TOTAL
Surgery	2376
OBG	2122
Urology	2086
Orthopedics	1317
ENT	1059
Neurosurgery	538
Plastic Surgery	512
Onco Surgery	162
Paed.Surgery	457
Gastro Surgery	318
Dental	165
Ophthalmology	1872
Pain	134
ECT	96
Cath Lab	969
Cardio Thorasic	621
Total	14804

STAFF WELFARE

We fulfill the norms of all the regulatory bodies and the salary are disbursed as per the Norms of AICTE New Delhi. We also encourage capacity building of the faculty and help upgrade their knowledge. All the faculties are given provident fund, gratuity, Group Health insurance Housing scheme, and staff quarters. Teaching and non-teaching faculty can avail of earned leave, casual leave, special casual leave, compensatory leave, extraordinary leave, maternity leave, academic leave, and study leave as per government norms. Differently abled friendliness resources available in the institution and also provided toilet for the person with Disability. Faculty members are financially supported to attend national and international conferences and also publish research articles in reputed journals. During Covid 19 pandemic an enhancement of the Non-Teaching staff salary was made.

Rejuvenation Camps: Focussed on the healthy functioning of the heart, mind and human body, these camps are designed to comprehensively bring out the issues relevant to gender, environment, sustainability, human values, and professional ethical issues among students with probable and practical solutions which could be implemented.

Staff and student Insurance

	No of Students/Staff	Medical Insurance premium collected
Teaching Staff	13	4,80,000
Non-Teaching Staff	20	3,12,000
MBBS	983	23,47,500
BSc-AHS	526	87,70,000
MSc/MPH	298	6,37,750
MD/MS/MCh	275	6,80,000

Promotion of Faculty Member

SL NO	Name & Designation	Department	Promoted as	With effect from
1	Dr.Saravana Babu Asso.Professor	Pharmacology	Professor	14-07-2021
2	Dr Balamuralidhara V Asst.Professor	Pharmaceutics	Associate Professor	14-07-2021
3	Dr Gangadharappa H V Asst.Professor	Pharmaceutics	Associate Professor	14-07-2021
4	Dr Venkatesh M P Asst.Professor	Pharmaceutics	Associate Professor	14-07-2021
5	Dr Vikas Jain Asst.Professor	Pharmaceutics	Associate Professor	14-07-2021
6	Dr Amit B Patil Asst.Professor	Pharmaceutics	Associate Professor	14-07-2021
7	Dr Prashantha Kumar B R Asst.Professor	Pharma Chemistry	Associate Professor	14-07-2021
8	Dr Anand Kumar Tengli Asst.Professor	Pharma Chemistry	Associate Professor	14-07-2021
9	Dr Chandan R S Asst.Professor	Pharma Chemistry	Associate Professor	14-07-2021
10	Ms Shilpa Palaksha Asst.Professor	Pharmacy Practice	Associate Professor	14-07-2021
11	Dr Savitha R S Asst.Professor	Pharmacy Practice	Associate Professor	14-07-2021
12	Dr Krishna K L Asst.Professor	Pharmacology	Associate Professor	14-07-2021
13	Dr Gowrav M P Lecturer	Pharmaceutics	Assistant Professor	14-07-2021
14	Mr Hemanth Kumar S Lecturer	Pharmaceutics	Assistant Professor	14-07-2021
15	Dr Umesh M Lecturer	Pharmacy Practice	Assistant Professor	14-07-2021
16	Dr Juny Sebastian Lecturer	Pharmacy Practice	Assistant Professor	14-07-2021
17	Dr Sri Harsha Chalasani Lecturer	Pharmacy Practice	Assistant Professor	14-07-2021
18	Ms Mahalakshmi A M Lecturer	Pharmacology	Assistant Professor	14-07-2021
19	Dr Paramakrishnan N Lecturer	Pharmacognosy	Assistant Professor	14-07-2021

CME / Seminar / Conference /etc. attended by the faculty (Webinar)

Sl.No	Departments	No conference since attended
1	Pharmaceutics	44
2	Pharmacognosy	12
3	Pharm. chemistry	43
4	Pharmacology	26
5	PharmacPracticece	77

Rs.10,000/- was provided as financial assistance for one faculty to attend various National & International conferences.

Employment Practice: Living Wage Monthly Salary Statement

JSS COLLEGE OF PHARMACY (H) ROCKLANDS : OOTACAMUND - 1.											
PAY SLIP- JULY 2022											
Employee No.		17			P.F. A/c. No.			TN/CBE/21907/		10439	
Name of the Employee & Designation		Helper			PNB Savings Bank A/c. No.			43900004001xxxxx		Name of the Bank	
								Punjab National Bank, Ooty			
CLAIMS :											
Substantive Pay		DA 25%		House Rent Allowance		House Rent Allowance		Winter Allowance		Total Gross Claims	
8996		0		0		0		0		8996	
DEDUCTIONS :											
P.F.	ESI 0.75%	L.I.C.	GSLIS	GSLIS	1% Salary	One Day Salary	Professional Tax	Establishment Charges	Salary Advance		Total Deduct of Recoveries
1080	68	0	0	0	0	0	0	0	0		1148
										NET AMOUNT PAYABLE	
										7848	
WARDEN, JSSCP (H), OOTY											

Pay scale gender equity

JSS COLLEGE OF PHARMACY : ROCKLANDS : OOTACAMUND - 643 001.											
PAY SLIP - APRIL 2022											
Employee No.		43			P.F. A/c. No.			TN/CBE/21907/		425	
Name and Designation		Dr. AIQPJL Lecturer, Male			Savings Bank A/c. No.			439000010C		Name of the Bank	
PAN No.								Punjab National Bank, Ooty			
CLAIMS :											
Scale of Pay		15600-39100+ AGP 6000									
BASIC PAY											
Pay in the Pay Band	Addl. Grade Pay	Total Pay	Dearness Pay	Dearness Allow. (154 / 183%)	House Rent Allowance	Hill Allowance	Post and Misc. charges	Winter Allowance	Gross Salary (Rs)		
15910	6000	21910	0	33741	1400	1500	0	0	58551		
DEDUCTIONS :											
Income Tax	Professional Tax	Employee Provident Fund 12%	ESIC 1.75%	GSLIS	LIC	Total Deduction					
2000	0	1800	0	0	0	3800					
										NET SALARY Rs.	
										54751	
ADMINISTRATIVE OFFICER I/c.											

JSS COLLEGE OF PHARMACY : ROCKLANDS : OOTACAMUND - 643 001.											
PAY SLIP - APRIL 2022											
Employee No.		44			P.F. A/c. No.			TN/CBE/21907/		425	
Name and Designation		Dr. ANXPT7 Lecturer, Female			Savings Bank A/c. No.			4390000400		Name of the Bank	
PAN No.								Punjab National Bank, Ooty			
CLAIMS :											
Scale of Pay		15600-39100+ AGP 6000									
BASIC PAY											
Pay in the Pay Band	Addl. Grade Pay	Total Pay	Dearness Pay	Dearness Allow. (154 / 183%)	House Rent Allowance	Hill Allowance	Post and Misc. charges	Winter Allowance	Gross Salary (Rs)		
15910	6000	21910	0	33741	1400	1500	0	0	58551		
DEDUCTIONS :											
Income Tax	Professional Tax	Employee Provident Fund 12%	ESIC 1.75%	GSLIS	LIC	Total Deduction					
2000	0	1800	0	0	0	3800					
										NET SALARY Rs.	
										54751	
ADMINISTRATIVE OFFICER I/c.											



JSS COLLEGE OF PHARMACY : ROCKLANDS : OOTACAMUND - 643 001.

PAY SLIP - JULY 2022

Employee No.	11		P.F. A/c. No.	TN/CBE/21907/ 218	
Name and Designation PAN No.	Mr. <i>[Name]</i> , Technician, ATVPG		Savings Bank A/c. No.	4390000400	
			Name of the Bank	Punjab National Bank, Ooty	
CLAIMS :	Scale of Pay	Level-11, Pay Matrix 35400-112400			
BASIC PAY					
Pay in the Pay Band	Grade Pay	Total Pay	Dearness Pay	Dearness Allow. (154 / 183%)	House Rent Allowance
55200	0	55200	0	9384	3200
					Hill Allowance
					6000
					Post paid Mob charges
					0
					Winter Allowance
					0
					Gross Salary (Rs)
					73784
Income Tax	Professional Tax	Employee Provident Fund 12%	ESIC 0.75%	GSLIS	LIC
3000	0	1800	0	90	
					7266
					NET SALARY
					61628

[Signature]
ADMINISTRATIVE OFFICER I/c.



JSS COLLEGE OF PHARMACY : ROCKLANDS : OOTACAMUND - 643 001.

PAY SLIP - JULY 2022

Employee No.	12		P.F. A/c. No.	TN/CBE/21907/ 228	
Name and Designation PAN No.	Mrs. <i>[Name]</i> , DVXPS3		Savings Bank A/c. No.	43900004000	
			Name of the Bank	Punjab National Bank, Ooty	
CLAIMS :	Scale of Pay	Level-11, Pay Matrix 35400-112400			
BASIC PAY					
Pay in the Pay Band	Grade Pay	Total Pay	Dearness Pay	Dearness Allow. (154 / 183%)	House Rent Allowance
52000	0	52000	0	8840	3200
					Hill Allowance
					6000
					Post paid Mob charges
					0
					Winter Allowance
					0
					Gross Salary (Rs)
					70040
Income Tax	Professional Tax	Employee Provident Fund 12%	ESIC 0.75%	GSLIS	LIC
0	0	1800	0	90	
					2404
					NET SALARY
					65746

[Signature]
ADMINISTRATIVE OFFICER I/c.

Textbooks Authored or/and chapters contributed by faculty.

Pharmaceutical chemistry		Pharmacognosy
Desai Sneha, Krishna KL, Ayachit Shreyas, Nandini HS and Seema Mehdi Title of the Chapter / Book Huntington's Chorea: A Review on Pathogenesis and Biomarkers AkiNik Publications	Dr. Chandan R S Title of the Chapter / Book Text book of Instrumental Methods of Analysis Published by Nirali Prakashan	Dr. J. Suresh & Ms.G.Haripryia Title of the Chapter / Book Compendium on Anti -venom plants of Karnataka Published by JSSCPM
Pharmaceutics		
Asha P. Johnson, H. V. Gangadharappa Title of the Chapter / Book Graphene Nanoribbons, Fabrication, Properties, and Biomedical Applications Published by CRC Press	Dr Riyaz Ali M Osmani Title of the Chapter / Book Apropos and future prospects of bio nanocomposites in food packaging applications Title of the Chapter / Book Bio nanocomposites in food packaging applications and their risk assessment for public health Published by Elsevier	Mahendran B Title of the Chapter / Book A Textbook of Novel Drug Delivery Systems Published by PV Books, Jalandhar, Punjab

Pharmacology		Pharmacognosy
Shreyas Ayachit, K.L. Krishna, Sneha Desai, Nandini HS and Seema Mehdi Title of the Chapter / Book Novel Targets for Parkinson's disease, PPAR- γ Agonist could be the Future Therapeutics? / Recent Research in Pharmaceutical Sciences	Desai Sneha, Krishna KL, Ayachit Shreyas, Nandini HS and Seema Mehdi Title of the Chapter / Book Huntington's Chorea: A Review on Pathogenesis and Biomarkers/ Recent advance in pharmaceutical sciences	Dr. J. Suresh & Ms.G.Haripryia Title of the Chapter / Book Compendium on Anti -Viral plants of Karnataka

Published by Weser Books	Published by AkiNik Publications	Published by JSSCPM
Pharmacy practice		
Dr Ashvine Kumar, Dr Rohith Bansal, Dr Manisha Singh, Dr U R Rakshith		
Title of the Chapter / Book Fundamental of Organizational behaviour		
Published by Book Rivers		

PUBLICATIONS RELATED TO SDG

S.No	Title of the paper	Authors	Journal Name with ISSN Number	Journal Details	IF
1.	Psychological Impact of COVID-19 lockdown among healthy individuals in India a self-assessed cross-sectional study (Intercollegiate Publication)	Samaksha P B, Krishna Undela, Rahul Krishna Puvvada, Balaji Satyanarayana Gupta, Kishor M, Shilpa Palaksha	International Journal of Pharmaceutical Research/ISSN :0975-2366	2021;13(2): 1659-1671	--
2.	Implementation and evaluation of virtual anticoagulation clinic care to provide incessant care during COVID-19 times in an Indian tertiary care teaching hospital (Intercollegiate Publication)	Sunil Kumar Shambu, Shyam Prasad Shetty, Oliver Joel Gona, Nagaraj Desai, Ramesh Madhan and Revanth V	Frontiers in Cardiovascular Medicines/ISSN: 2297-055X	2021;8(210): 1-7	6.05

ACTIVITIES CONDUCTED

Activity-1

A Report on Skill Enhancement Program offered by Arivu Skill Development Academy

The Training & Placement Cell has initiated the Annual Placement for the Batch of 2020-21. The Skill Enhancement Program was conducted for PG (all departments) and Pharm D (6th year) students for 4 days from 16/07/2021 till 19/07/2021. The objective of the program was to impart skills like Resume writing, Aptitude test, Group discussion, and personal interview. The program was conducted in the Auditorium in 02 Batch i.e. Morning & afternoon. During the session, the protocol of wearing a mask with social distancing was followed.

The program was started with an orientation for all the students, where Dr. T. M. Pramod Kumar, Principal of JSS College of Pharmacy spoke about the objectives and expectations of the institution from the students. A total of 106 benefited from the program, where M.Pharm 59 and Pharm D 32 students actively participated in the various activities conducted. The details of the program are shared in the form of a timetable below.

The overall feedback, given in the next pages can be summarised as, about 90% of the M.Pharm and Pharm D students expressed that this program helped them to understand the art of writing Resume, express themselves in a better manner, improved their confidence in facing the interview and the sessions induced positive thinking in them. About 10% of students felt the program timings were too long which caused exhaustion. The students also express their gratitude to the facilitator Mr. H V Vishvesh for extending equal opportunity to all the students to express themselves and giving them valuable advice wherever necessary.

The TPC expresses our gratitude towards Dr. T. M. Pramod Kumar, Principal, JSS College of Pharmacy, Mysuru for providing all the facilities and encouraging them to conduct the program. I also like to thank all the HoD and program coordinators for allowing their students to participate in the program.

Arivu Skill Academy's Facilitator Mr. H V Vishvesh, explained important points during the Skill Enhancement program.



Activity-2

Skill Enhancement Program offered by Arivu Skill Development Academy

The Training & Placement Cell has initiated the Annual Placement for the Batch of 2021-22. The Skill Enhancement Program was conducted for PG (all departments) and PharmD final year students on 07/02/2022. The objective of the program was to impart skills like Group discussion, personal interviews, resume writing, and aptitude test. The program was conducted in the Auditorium in two Batches i.e. morning & afternoon.

During the session, the protocol of wearing a mask with social distancing was followed promptly.

The program was started with an orientation for all the students following the problems faced by the students during the interviews. A total of 36 benefited from the program, where M.Pharm 29 and Pharm D 06 students actively participated in the various activities conducted. The details of the program in shared in the form of a timetable below

The overall feedback can be summarised as, about 90% of the M.Pharm and Pharm D students expressed that this program helped them to understand the art of expressing themselves in a better manner, improved their confidence while facing the interview and the sessions induced positive thinking in them. The students also express their gratitude to the facilitator Mr. H V Vishvesh for extending equal opportunity to all the students to express themselves and giving his valuable advice wherever necessary.

The TPC expresses our gratitude towards Dr. T. M. Pramod Kumar, Principal, JSS College of Pharmacy, Mysuru for providing all the facilities and encouraging them to conduct the program. I also like to thank all the HoD and program coordinators for allowing their students to participate in the program.

Skill Enhancement Program for Campus Interview 2021-22

Sl. No.	Date	Day	Timing	Batch	Topic
1	07/02/2022	Monday	10:00 am – 01:30 pm	A	Aptitude Test, Group Discussion, Personal Interview.
			02:30 pm – 06:00 pm	B	Aptitude Test, Group Discussion, Personal Interview, Mock group discussion

The mock interview will be held one working day prior to the campus interview.

The Venue will be reported on Seminar Hall

Total Number of students registered for T&PC = **108**

Batch A: Pharmaceuticals, Industrial Pharmacy, Analysis, Chemistry, Pharmacology, Pharmacognosy (Total Strength approximately)

Batch B: Pharmacy Practice & Pharm D (Total Strength approximately)

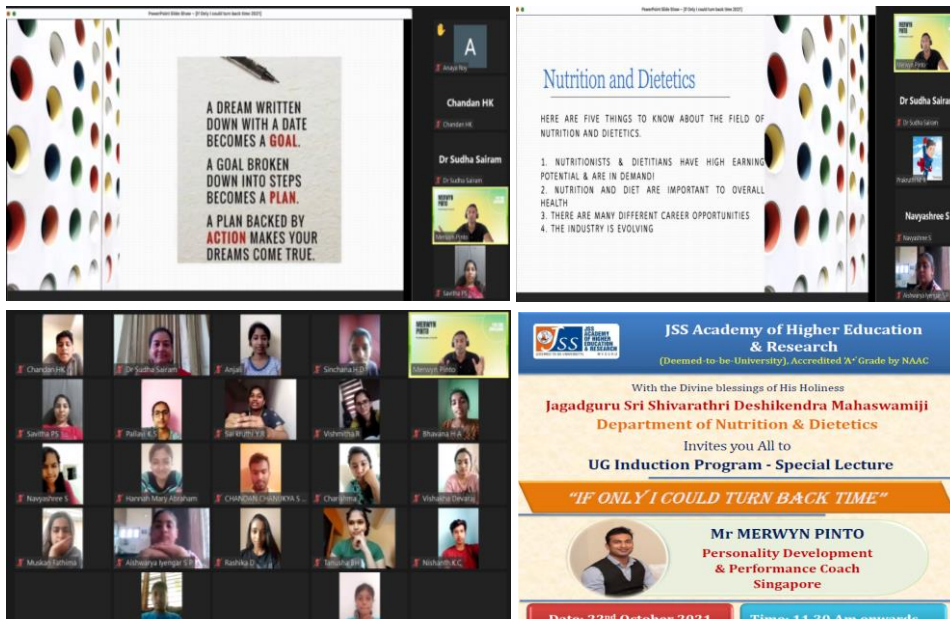
Images of the SKILL ENHANCEMENT PROGRAM

Arivu Skill Academy's Facilitator Mr. H V Vishvesh, explained important points during the Skill Enhancement program.



Programmes and activities organized aligning to this goal

Following the footsteps of the institute, the department of Nutrition & Dietetics along with providing Quality Education for the students, also aiming at training them on the work ethics, motivation, and self-sustainability. Overall impacting on the Decent Work environment, hence contributing in the Economic Growth and ultimately improving quality of life. As part of this drive, the department organized a motivational special talk during the Induction program on 22nd October 2022. The invited speaker was Mr Merwyn Pinto, Personality Development & Performance Coach, Singapore on the topic '*If only I could turn back time*'. The talk focused on the personality development, effective time management strategies. The session was interactive and showcased the unfurling of various talents of students and improving the self-confidence. The program was attended by around 130 participants.



Motivational special talk during the Induction program on 22nd October 2022.

Proportion of Students Taking Work Placements

S.No	Name of the Company	Field	Specialization	Offered
1	MAVIA PHARMA, Hosur 	FRD, ARD	Pharmaceutics, Pharma. Analysis	01
2	INDEGENE, Bengaluru. 	Medical writing	All M.Pharm, Pharm D	01
3	BIOQUEST, Bengaluru. 	Medical Writing	Pharm D	02
4	ETHIX 	CRO- Project management,	All M.Pharm	01
5	LAMBDA THERAPEUTICS, Ahemedabad 	Medical Affairs	Pharm D	04
6	BD, Mumbai 	Marketing	B.Pharm	01

7	Triokaa pharmaceuticals, Mumbai 	Marketing	B.Pharm	01
8	Syngene 	Analytical	Pharm. Analysis	04
9	Pfizer, Chennai (M.Pharm) 	RA	ALL M.Pharm	06
12	Micro Labs, Bengaluru (M.Pharm 10) 	Product management	Pharmacology, Pharm D	01
13	Biocon, Bengaluru 	QC, QA, Mfg	All M.Pharm	03
14	Biocon, Bengaluru 	QA, QC, Mfg	B.Pharm	02

14	MANAKULA VINAYAGAR Medical College, Pondicherry. (Pharm D-9)	Clinical Pharmacist	Pharm D	01
15	Pfizer (PHARM D-28 resumes) 	PV		04
16	BMS, Bengaluru 	Pharm analysis	PhD	01
17	GSK, Chennai 	Marketing	B.Pharm	05
18	Sulochana Pharmacy, Coimbatore	Pharmacist	D.Pharm	01
19	Syngene-Biology Bengaluru 	Associate Trainee - Biology	M.Pharm (Pharmacology)	01
20	Reliance Life Sciences, Mumbai 	Mfg	B.Pharm	01
21	Advantage Health Care Services, Bengaluru	PV, CRA, CDM	M.Pharm Pharm D	10

Placements:

Since the inception of the department, 231 students have passed out with professional MBA degrees and nearly 180 students have been successfully placed in various organizations in various cadres at different levels



Activities organized to enhance student employability

The department has introduced a portfolio of activities that are aligned with building the employability capacity of students

Internship-The students are encouraged to take up an internship in various health care organizations. During the internship, students are encouraged to take up tasks as real-time employees, which makes them understand the work as well as challenges that they may face in their future as managers. Students during their internships generally work on the areas that have challenges or in those areas that require some improvement for better delivery of services. Some of the health care organizations where our students have taken up their internships are:



Industry visits, Hospital visits and interactive learning -The department has adopted training approaches in which students are taken to visit different industries and hospitals at regular intervals during the program. The organisations may vary from a small rural set up to latest modern organization in health care sector to understand the nuances of the organisations as well as future roles that the students must take up. Visit to healthcare companies like Biocon, Skanray, Infosys to understand the production process, and administrative styles have also been adapted.

Soft skill training-The MBA program curriculum has soft skills as an essential component of the training of the program. Consultants specialized in training programme, and carries out the activities essential to build up the students as future managers. The program starts with the analysis of the students and their skill enhancements are looked into. Activities like role play, listening skills, rocket game with random questions, team building activities, and finally interview questions and mock interviews are also practiced.

Guest talk and interaction- Guest talk series are organised for the students based on their academic requirements. Renowned national and international speakers and experts in their own sector share their views with facts and case study approaches. The students are oriented to the topics initially and bring in a deep understanding of the topics and interact with the speakers through discussion or question-answer sessions.

Live projects and presentations in national and international avenues – Hospitals face bottleneck problems in terms of operational issues, students are given live projects to take up action research and collect data, analyze and present solutions to the issue at hand. Later to develop the concept, it's also made as posters and research papers and presented in workshops and conferences. Many live project posters have won awards at the national level and international levels for their approaches.

The leadership program-The department has adopted concepts to teach social responsibility and leadership development by voluntarily assuming social challenges of the society and given free hand to resolve the issues with group building and group creativity.

Cleanliness awareness-The students identified a government playground meant for recreation that was filled with household wastes and was turning into a dump yard creating a problem for the neighborhood and schools nearby. The students planned a cleanliness drive where 30 students voluntarily cleaned the park and educated the community surrounding the essence of cleanliness and the problems which are created by an unhygienic environment.

Providing sanitation facility-A government school that supports slum and underprivileged family children were facing problems in terms of water facility to toilets which was encouraging the children to open defecation. This problem was taken up by project V care and funds were mobilized through a voluntary collection of funds.

Basic facilities program-A school in a rural part of Mysore called Hosahalli was identified where government school kids were facing problems in terms of the play area and stationeries. Students voluntarily dug up the vacant land and made pathways by planting tree and each tress was giving responsibility to one class of students to maintain the tree and water it. Funds were mobilized and pencils were distributed to the school kids which could last for a year.

JSS Academy of Higher Education & Research follows utmost transparency in every possible aspect and provides opportunities for the employees a great environment to work in. Following the footsteps of the Institute, the Faculty of Yoga has also been functioning with transparency and respect towards the employees. The Department has been providing orientation to students regarding their employment after their graduation & Certificate program.

The Department of Yoga has been constantly involved in training the students to an extent where students find their places at renowned institutions and Government sector and due to their commitment and dedication, they are absorbed into the institutes as employees. Students have found their jobs due to which their families have an opportunity to have a better lifestyle.

JSS AHER has been functioning with the following policies

- Aligning employment, training and regulation policies to be consistent with commitments to equity and access strategies and targets.
- Providing appropriately positioned and supported scholarship and financial assistance schemes for students in need.
- Supporting creativity and innovation through a culture of acceptable risk-taking, providing the appropriate space and process for ideas to flourish.
- Monitoring employment outcomes and academic workload management.
- Implementing socially and environmentally responsible procurement policies and procedures, affecting up and down the supply chain.
- Critically querying the role of economic growth.

