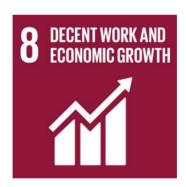


JSS Academy of Higher Education & Research (JSS AHER),
Mysore, India

# Compendium SDG Goal 8



## SUSTAINABLE DEVELOPMENT GOAL 8 DECENT WORK AND ECONOMIC GROWTH

#### Introduction to the goal:

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.

#### A glance at efforts:

- Sustained economic growth
- Transparency
- Inclusiveness in economic growth
- Safeguarding rights of employees
- Safe and secure environment to the employees at all levels

Over the past 25 years the number of workers living in extreme poverty has declined dramatically, despite the lasting impact of the 2008 economic crisis and global recession. In developing countries, the middle class now makes up more than 34 percent of total employment - a number that has almost tripled between 1991 and 2015.

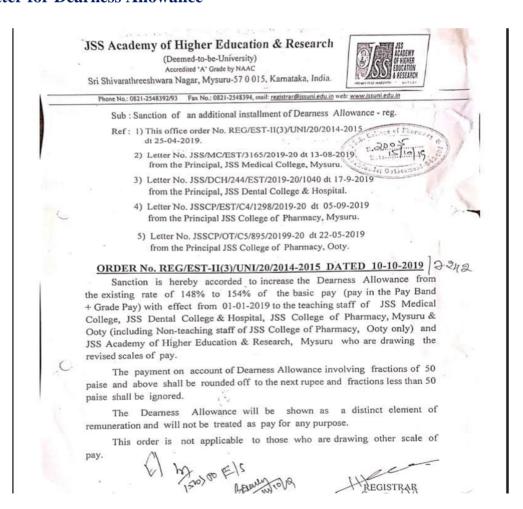
However, as the global economy continues to recover we are seeing slower growth, widening inequalities, and not enough jobs to keep up with a growing labour force. According to the International Labour Organization, more than 204 million people were unemployed in 2015.

The SDGs promote sustained economic growth, higher levels of productivity and technological innovation. Encouraging entrepreneurship and job creation are key to this, as are effective measures to eradicate forced labour, slavery and human trafficking. With these targets in mind, the goal is to achieve full and productive employment, and decent work, for all women and men by 2030.

Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries.

Dearness allowance was provided to all our Teaching and Non-teaching faculties in a periodical basis as per government norms

#### Sanction Letter for Dearness Allowance



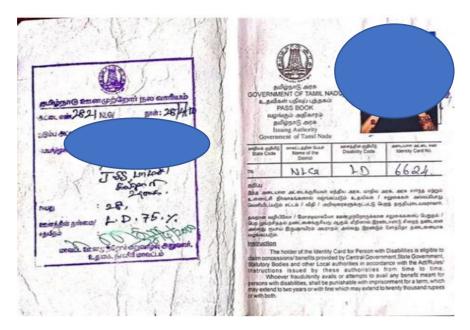
Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services.

In association with IIC MHRD Program, Nilgiris Medicinal plants promoter's society our institution conducted multiple program and training sessions under the verticals of entrepreneurship, job creation and innovation.



MHRD, Govt. of India – IIC Activities

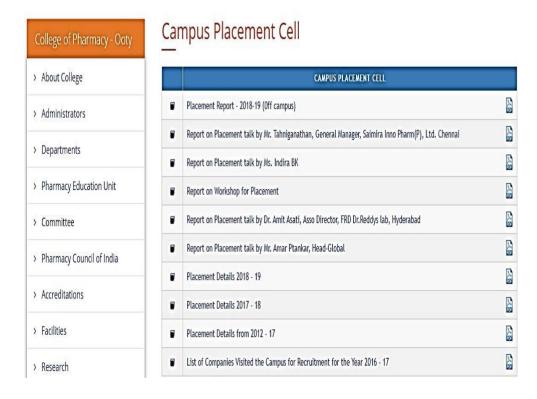
By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value. JSSAHER provides the equal opportunities in employment for women, men, youngsters and physically challenged people.



**Equal Opportunities in Employment for Physically Challenged People** 

By 2020, substantially reduce the proportion of youth not in employment, education or training.

Our college has an excellent placement and skill development training cell. The main aim of the cell is to coaches the students on required interview skills which are related to confidence, creativity, dress code, ability to react and respond, handle stress full situations.



https://www.jssuni.edu.in/JSSWeb/WebShowFromDB.aspx?MODE=SSMD&PID=10002&CID=6&MID=0&SMID=10446

FROM JSK Nagarajan Incharge- Soft Skill Communication workshop, JSSCP, OOTY

THE PRINCIPAL. JSSCP, OOTY





Sub: Final year students of this institution- workshop-approval letter received from the university- seeking permission to conduct-requesting for

With the reference to the above subject, I got the approval letter from JSSAHER (JSSDU/GAD-II (4)/CPO/35/SCW/2018-19(SUPLE-1)/11859 dtd. 15.3.2019) for conducting Soft Skill Workshop for final year students of this institution. Since I have received the order in the month of March I could not conduct the workshop for that academic year students. But Now I have planned to conduct in well ahead manner. If we conduct the work shop in the beginning of the academic year it will be useful for the students. So, kindly allow me to conduct the same in the following said dates at our institution.

In this regard I would like to conduct the soft skill program in 3 slots in the

Slot	course	year	date	time	No of students
I	B. Pharm	IV	19.07.19 & 20.07.19	9-5 PM	108
11	M. Pharm Pharm D	VI	26.07.19 & 27.07.19	9-5 PM	100
II	D. Pharm	II	2.8.19 & 3.8.19	9-5 PM	101

For the above said purpose I need the following facilities from the

- Auditorium with seating facilities & A-V system (with cordless mic.)
   Snacks & Tea for students & Trainers (6 days each day 2 session)
   Lunch for the trainers (2-3 members)

- 4. Water bottle + Glass for drinking purpose (for trainers)

Kindly do the needful for the same.

Faithfully, Yours

#### **Soft Skill Communication Workshop Approval Letter**

#### WORK SHOP ON SOFT SKILLS & COMMUNICATION FOR FINAL YEAR STUDENTS OF OUR STUDENTS FOR THE ACADEMIC YEAR 2019-20 -REPORT

For the past 3 years the placement cell is organising workshop on SOFT SKILL AND COMMUNICATION for the FINAL YEAR STUDENTS OF OUR STUDENTS.

This year also we have request from the placement cell of the college and conducted the above said program with the morale support of **JSSAHER**, Mysuru.

This Workshop was conducted separately for D.Pharm, B.Pharm and M.Pharm & Pharm D on the following dates (for B.Pharm 19, 20.07.19, for M.Pharm & Pharm D on 26, 27.07.2019 and for D.Pharm on 16, 17.08.19).

M.Pharm & Pharm D: Out of 100 students 62 students were actively participated. The remaining students were not available due to their internship is outside the institution.

B.Pharm: Out of 108 students 87 students were actively participated.

D.Pharm: Out of 91 students 82 students were actively participated. Due to the personal reasons, few students were absent on those two days.

The following topics were covered in the above said workshop:

- 1. Communication skills
- 2. How to face the interview
- 3. How to prepare resume
- Group discussion
   Team work, Motivation, and Adaptability in work
- 6. Time management & Crisis Management
- 7. Leadership skills and inter-personal skills.

Based on the feedback obtained from the students, the program was highly appreciated. Most of them were expressed that the students were learned many things from the above workshop.

#### Encl:

- 1. Proposal Order copy from the JSSAHER, Mysuru.
- 2. Circulars pertaining to the workshop

Attendance Sheets

#### **Soft Skill Communication Workshop Report**

Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms.

No child labour, compliance with labour act by JSSAHER

Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment.

No child labour, compliance with labour act, occupation safety, health care card by JSSAHER

By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products.

#### **Medicinal Plant Exhibition During Summer Festival**

The department of Pharmacognosy, JSS College of pharmacy conducted the medicinal plants exhibition at the Govt. Botanical garden, Ooty on the event of 123<sup>rd</sup> flowers show. The exhibition has the intension of creating awareness to the public about the utilization and importance of medicinal plants growing in this biosphere and elsewhere.

The medicinal plants exhibition stall was inaugurated by Hon. Governor, His Excellency Sri Banwarilal Purohit. Smt. J. Innocent Divya, Collector of Nilgiris District, Gagandeep Singh Bedi, Secretary to Government, Department of Agriculture, were few of the important personalities visited the stall.

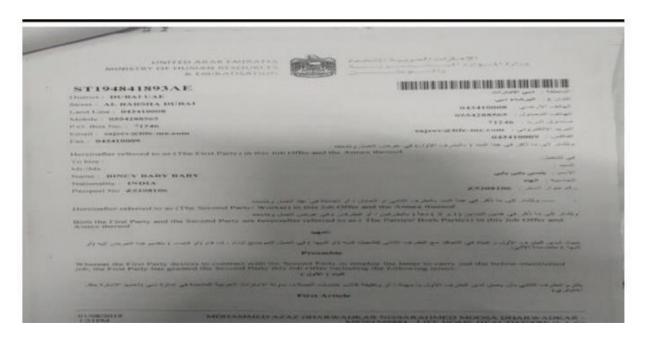
Pamphlets on diabetes, cancer were freely distributed to the public. A booklet on "Engal Kudumba Maruthuvam", consists of extensive information about 79 medicinal plants, authored by Dr APJM Naseema begham, published by TIFAC CORE HD has been exhibited.

In association with the Nilgiris medicinal plants promoters' society, a booklet on "Medicinal Plants & Home Remedies Information Hand Book" was also sold at a minimum price. The innovative booklet talks about the medicinal plants of the Nilgiri district.

It gives extensive information about 312 numbers of medicinal plants along with natural remedies, Siddha and Ayurveda home remedies, detail on tribal medicines, a note on Aromatherapy and a glossary on medical terms.



Medicinal Plant Exhibition During Summer Festival International Placement Order of Our Student Ms. Bincy Devi



The Goal is to promote inclusive and sustainable economic growth, employment, and decent work for all. Sustained and inclusive economic growth can drive progress, create decent jobs for all and improve living standards. In addition to creating jobs, we also need to improve conditions for more than 700 million women and men who are working, but not earning enough to lift themselves and their families out of poverty.

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.

Though the Institute does not hold placement drives like that of the technical institutes which are well known for their placement drives, the Department has been constantly involved in training the students to an extent where students find their places at renowned industries, research institutes or private organizations for their projects and due to their commitment and dedication are absorbed into the respective institutes as employees. A considerable percent of students who are from a nominal economic background have found their jobs due to which their families have an opportunity to have a decent life style.

There are also group of students who are motivated to take up entrepreneurship activities which has given them the possibility to hire employees from the local regions which in turn creates job opportunities and economic growth.

By 2020, develop and operationalize a global strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization

JSSAHER offers periodical skill development training to our students at par to the international.

#### 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.

**Animal house** – To protect the experimental animals and to provide new job opportunities for anumal care takers:

The animal house is established at JSSAHER to promote research. The facility is maintained by employing workers who cater to the needs of the animals such as providing hygienic food and water, maintenance of hygienic environment by cleaning of cages etc.

DTL-The drug testing laboratory is setup for testing samples of drugs which are generally sourced from Pharmaceutical companies and institutions for standardization. This has provided jobs for skilled technicians and support staff paving the way for decent employment opportunities from the institution.

- Outsourcing of contract laborers for the purpose of house keeping and security has lead to the generation of employment to about 50 personals.
- Consultancy services from Drug testing laboratory Department of Pharmacology and Pharmacognosy.
- All statutory requirements are met through finance, academic and instrument audits.
- The continuous upgradation of infrastructure has created job opportunities.
- Preplacement offers are provided to students
- Soft skills training to make students industry ready
- The college under JSS AHER has an employment policy. The emphasis is laid on age, gender and qualification at the time of recruitment to avoid child labor issues
- Equal opportunity from training and placement to place students
- Entrepreneurship : SPARKLE CINE
- MOU with various companies
- Animal house and DTL- provide new job opportunities

Equal opportunity from training and placement: The college has a strong and vibrant placement and training cell. It provides support to its graduates and post graduates to get employed in Contract Pharmaceutical Research, Pharmaceutical Companies and Contract Manufacturers. It aims at bridging the gap between Institute and Pharmaceutical Industries by imparting the Industrial Knowledge and technical knowhow to students through Subject Matter Experts. It also supports internship at Pharmaceutical Industries and enhances knowledge of students through guest Lectures by eminent Pharmaceutical Professional, organising pharmaceutical industrial visits and collaboration with Pharmaceutical Industries. The efforts have led to high employment rate of outgoing students in various pharma companies such as Quintiles, Biocon, Syngene, Hospira, Mylan, Kemwell, Abbott etc. The college under JSS AHER has a employment policy. The emphasis is laid on age, gender and qualification at the time of recruitment to avoid labor issues such as child labor, forced labor etc

#### **ECONOMIC GROWTH THROUGH CONSULTANCY**

SI no	Consultancy Students/Researchers /Clinical	Local/State/ National/ International	Objectives	Financial details
1.	Mr. Vivek Kumar Pandey, MSc in Applied Microbiology	State- School of Biotechnology, KIIT University, Bhubaneshwar	Collaborating Projects	10,000/-
2.	Dr. Dharshini Yadav, PG Scholar	Local- JSS Ayurveda Medical College, Mysuru	Collaborating Projects	10,000/-
3.	Department of Community Medicine	National	Urban Immunization Strategy development at Aspirational district, Raichur by Unicef, WHO and KAHFW	Rs 11,000
4.	Dermatopathology	Local	Diagnostic	66,000
5.	Nephropathology	Local	Diagnostic	3,18,000
6.	Histopathology & IHC charges	Local	Full fillment of project work	58,000
7.	King's College London	International	Cognitive assessment	100000
8.	Nesa MedTech	National	RFA of Fibroid	100000
9.	iMERA.AI (UK)	International	Efficacy of deep learning algorithms in reporting MSK Radiographs	1,00,000
10.	Anagha M S, Harshitha K, Niriksha V	Local- JSS Science and Technology University, Mysuru	Collaborating Projects	5000/-
11.	Kuvempu University, Shimoga	Collaborating Projects	Research work	10,000/-
12.	Institute of Public Health	Collaborating Projects	Research work	10,000/-
13.	JSS Dental College, Mysuru	Collaborating Projects	Research work	2,000/-

#### **CLINICAL TRIALS:**

SL	Company Name	Investigator	Amount received
1	The International Poly	Dr.K.M Srinath	20,362.00
	Cap Study		
2	Excel Life Sciences	Dr.Premanath Raman	25,646.00
	Pvt.Ltd. Noida		
3	Excel Life Sciences	Dr.Premanath Raman	4,452.00
	Pvt.Ltd. Noida		
4	Klinera Corp India	Dr.Subramanyan R	1,18,031.00
5	CRL Mylan Laboratory	Dr.TSS Rao	13,18,060.00
	Ltd. Bangalore		
6	Serum Institute of India	Dr.M.D Ravi	8,50,585.00
	Pvt.Ltd., Pune		
7	Biological E, Limited	Dr.M.D Ravi	2,83,700.00
8	Shantha Biotechnics	Dr.M.D Ravi	5,27,508.00
	Pvt.Ltd. Hyderabad		
9	Biological E, Limited	Dr.Ashoka.H.G	2,06,323.00
10	CBCI Society for	Dr. K.M Srinath	93,330.00
	Medical Education		
11	Astrazenca Pharma	Dr.Chethan.C.S	15,20,230.00
	India ltd		
12	Astrazenca Pharma	Dr.Manjunath Shetty	7,15,944.00
	India ltd		
13	Bridge Clincal Research	Dr.Ravi.M D	7,27,680.00
1.4	Service Pvt Ltd	Dr. Cularamanian D	1 47 (56 00
14	Klineria Global Services	Dr.Subramanian R	1,47,656.00
15	Clinatha	Dr.TSS Rao	3,83,200.00
16	Klineria Global Services	Dr.Subramanian R	4,33,136.00
17	Biological E-Limited	Dr.Ravi.M D	6,69,532.00
18	Shantha Bio Tech	Dr.Ravi.M D	6,72,128.00
19	IQVIA RDS(India) Pvt Ltd	Dr.Subramanian R	73,239.00
20	Biological E-Limited	Dr.Prasannakumar.H R	6,18,969.00
21	Norwich Clinical	Dr.Ashoka.H.G	15,000.00
22	TIPS study	Dr.Srinath. K M	1,50,000.00
23	Pharmazz India Pvt Ltd	Dr.Mahesh.M	30,000.00
24	IQVIA RDS(India) Pvt	Dr.Ravikumar Y S	1,74,101.00
	Ltd		
25	Syneous Health UK	Dr.Premanath Raman	4,71,057.00
	Limited		
26	Biological E-Limited	Dr.Ravi M D	3,30,990.00
		Total	1,05,80,859

## **Economic growth through consultancy**

1	Principal Investigator Dr Suman	Comparing the characteristics of			
	1	Gingival Mesenchymal Stem cells			
	'	of Diabetic and Non- Diabetic			
	II)ant of Pariodontology	individuals with regard to			
	a special constants,	differentiation and expression of	0.50	JSSAHER	4 Yrs.
		proteins			
2	'	Estimation of the Relevance of			
	II)r Siinila R S Raadar	Salivary Hemoglobin levels to detect chronic Periodontitis in			
	Dept. of Prosthodontics and	Type 2 Diabetic Patients and			
	Crown & Bridge	Tooth loss in middle aged adults			
		and elderly			
			0.40	JSSAHER	1 Yr.
	Co- Investigators				
	Dr Subba Rao Dr Ravindra S Dr				
	Madhu B				
	Dr Srinath				
3	, ,	Antimicrobial Efficacy of			
	Dr Suchma R Lecturer	Simarouba Glauca Leaf Extract	0.40		
		on Dental Plaque Micro- organisms	(applied for	ICCALIED	2 Yrs.
	Dept. of Public Health Dentistry		(applied for 0.55)	JSSATEK	2 115.
	Co- Investigator		0.337		
	Dr H P Jaishankar Reader				
	Dept. of Oral Medicine &				
	Radiology				
4	Principal Investigator Dr Nanditha	-			
		phosphorus, alkaline phosphatase and potential risk			
	Dent of Prosthadantics and	factors, symptoms associated			
	Krown & Bridge	with xerostomia in partially and			
		completely edentulous patients :			
	Cuido	a cross sectional study	0.40		
	Guide:		(applied for	ICCVHED	2 Yrs.
	Dr Raghavendraswamy K N		(applied for 0.49244)	JOSAITEN	۷ ۱۱۵،
	Dept. of Prosthoodontics and				
	Crown & Bridge				

5	& Radiology	characterization studies of the Lornoxicam fast dissolving films and its efficacy in the management of post extraction pain	0.50 (applied 0.60)	JSSAHER	2 Yrs.
6	Principal Investigator	Effect of Melatonin on prime periodontal pathogens, an in- vitro study	0.48666	JSSAHER	6 Months
7	Principal Investigator Dr Sreeshyla H S, Lecturer, Dept. of Oral Pathology & part time Ph.D., Scholar	knowledge of oral cancer, its risk factor, symptoms, Prognostic factors and their practice among general public –An illustration bases questionnaire survey	0.50	JSSAHER	3 Years
8	R Prasad, Lecturer, Dept. of Oral Pathology & part time Ph.D., Scholar	Infographical questionnaire survey regarding awareness of cause, risk factors & prevention of AIDS/HIV among Mysuru population	0.50	JSSAHER	3 Years

9	dept. of Periodontology	To evaluate CD4 lymphocyte levels in gingival tissue biopsy of chronic periodontitis patients with type II diabetes mellitus			
	Co-investigator Dr Rishika Battula PG student, Dept. of		0.50	JSSAHER	1 Yr.
	Periodontology				
10	Principal Investigator:  Dr B Nandlal Prof., Dept. of Pedodontics &  Preventive Dentistry	VVEGI Dental Disinfection chair system	0.50	JSSAHER	1 Month
11	Lecturer  Dent of Oral Medicine &	Target indicating light beam device for enhancing the positioning accuracy of intra oral x- ray machine during patient exposure-A pilot study	0.526	JSSAHER	
12	Thippeswamy H M Reader of Public Health Dentistry	Does fluoride content in drinking water affects the calcium and vitamin D status in pregnant women and newborn infants?	10.71	ICMR	27.12.201 6 (2 Yrs.)
	Co-PI				
	Dr Ambarish Bhndiwad,JSSMC				
	Dr Prashanth S, JSSMC Dr Sushma R, JSSDCH				
13	Dr Vishakantegowda Prof., JSS College of Pharmacy Dr Meenakshi S Lecturer	To Evaluate the anti fungal efficacy of polyherbal super critical fluid extract loaded in emulgel against candida albicans in geriatric	30.53	Ministry of Science & Technology- DBT	3 Years
		denture wearers			
14	Dept. of Oral Medicine &	Multi-centric study for screening and detection of oral potentially malignant disorders (OPMD) non- invasively by fluorescence and diffuse reflectance imaging with Oral Scan camera, and	1.00 (approx)	early detection of oral cancer)	

	D 14 1: Y/O D 6 : 01 D				
	Dr Mahima V G, Dr Sanjay C J, Dr Prasanna S Deshpande,	development of an algorithm for tissue			
	Dept. of Oral Medicine & Radiology	discrimination			
15	Principal Investigator: Dr Meenakshi S Lecturer  Dept. of Prosthodontics and Crown & Bridge  Co-investigators  Dr Kavitha Raja JSS College of Physiotherapy  Dr Raghunath N 16Prof.,& HOD, De17pt. of Orth18odontics	Postural evaluation and development of ergonomic paradigm for the Dental professionals – KAP Study	14.84	ICMR	3 Yrs.
16	Principal Investigator: Dr Raghavendra Shanbhog Reader, Dept. of Pedodontics & Preventive Dentistry Co-investigator Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry	A pragmatic trial of Dental caries prevention in socially deprived, rural pre-school Indian children	43.91	DST SPARC	3 Yrs.
17	Principal Investigator:  Dr B Nandlal Prof., Dept. of Pedodontics &  Preventive Dentistry  Co-investigator Dr Raghavendra Shanbhog Reader, Dept. of Pedodontics &  Preventive Dentistry	Oral health related quality of life of children with dental caries and fluorosis a need for reestablishing esthetics after fluorosis	45.18	DST SPARC	3 Yrs.
18	Principal Investigator:  Dr B Nandlal Prof., Dept. of Pedodontics &  Preventive Dentistry  Co-investigator	ATP rapid diagnosis of invasive infection by MDR gram negative in COPD subjects	37.00	ICMR	2 Yrs.

	1			l	1
	Dr. Anitha Subbappa Reader				
	Dept. of Periodontology Dr Raghavendra Shanbhog				
	Reader, Dept. of Pedodontics & Preventive Dentistry				
19	Principal Investigator:	ATP & Sialic acid	67.51	DST SUPRA	3 Yrs.
	Dr B Nandlal	levels of the Dental Biofilm on			
	Prof., Dept. of Pedodontics & Preventive Dentistry Co-investigator	the oral health preventive interventions within the 1st Year of life-A feasible model of India			
	Dr Raghavendra Shanbhog Reader, Dept. of Pedodontics &				
	Preventive Dentistry				
20	Principal Investigator:	<b>!</b>	2.74210	VGST	2 Yrs.
	Dr Aruna G Lecturer	clinical evaluation of melatonin chip as a locally delivered drug			
	Dept. of Periodontology	for treatment of periodontal			
		furcation defects			
21	Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry	Application for Award for Research Publications in HEI/R&D O (ARP) with supporting documents.	0.25	VGST Award	-
22	Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry	Formulation, optimization and clinical evaluation of an in-situ injectable system of melatonin in the treatment of furcation defects in patients with advanced periodontitis	24.53	Dept. of Biotechnolog y Ministry of Science and Technology Govt. of India, New Delhi	2 Yrs.
	Dr Aruna G Lecturer				
	Dept. of Periodontology				
	Mentor				
	Dr Subbarao, JSSMCH				

23		Efficacy of nano hydroxyapatite in periodontal regeneration	2.64	Biotechnolog y Ministry of Science and Technology Govt. of India, New Delhi	
24	Dr Girish M S Reader  Dept. of Pedodontics & Preventive	Development and evaluation of electrospun nanofiber mat impregnated with apexification materials for treatment of immature teeth	48.39	Dept. of Biotechnolog y Ministry of Science and Technology Govt. of India, New Delhi	3 Yrs.
25	Dr Ravindra. S Prof., Dept. of Periodontology Co-investigator  Dr. Anitha Subbanna Reader	Association Between Bone Mineral Density And Periodontal Disease: A Cross Sectional Clinical And Radio- grammetry Study.	1.13715	Kingdom of Saudi Arabia Ministry of Education King Khalid University	1 Yr
26	Thammaiah K Lecturer, JSS Institute of Speech & Hearing, Mysuru Co-investigators Dr Meenakshi S	Meta-analysis of nasality assessment and developing a computational module: acoustic and perceptual judgment STANDARDIZATION drinking water	5.72850		1 Yr. 5 months
27	Thippeswamy H M Reader, Dept. of Public Health Dentistry  Co-investigators Dr Prashanth S N Dr Devanand D Dr Raghavendra Shanbhog  Dr Nandithakumar M	Evaluation &  comparison of serum calcium, Magnesium, Phosphate, Alkaline Phosphatise, Vitamid-D and Bone Mineral Density in children consuming reverse osmosis  (RO), Non RO and High Fluoride		ICMR Project ID 2020-0204	2 Yrs.

28	Dr Sunila B S Reader, Dept. of Prosthoodontics and Crown & Bridge  Co-investigators  Dr Ravinda S Dr Subbarao Dr Srinath K M Dr Madhu	the relevance of salivary hemoglobin, interleukin6 and lactate dehydrogenase level in determining the chronic periodontitis in type 2 diabetic subjects with and without tooth loss – a case	29.00	ICMR Project ID 2020-3651	2 Yrs.
29	Principal Investigator:  Dr Sushma R Lecturer	efficacy of simarouba glauca leaf extract on dental plaque microorganisms	10.752	ICMR	2 Yrs.
30	Dr Suma S Reader  Dept.of Orthodontics &  Dentofacial Orthopedics Co-PI  Dr Praveen Kulkarni  .	Enhancing the knowledge, attitude, self confidence and eco friendly practices among Undergraduate students of medicine, dentistry and allied health sciences using a customized e- learning module on green practices using ADDIE framework.	11.80	ICMR	
31	Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry  Co-investigators Dr. Jaishankar HP, JSSDCH, Dr. Suma S, JSSDCH,	counseling skills of medical and dental undergraduate students using a customized e- learning module on Tobacco Counseling - An education innovation project using ADDIE framework.	14.00	ICMR	

32	Principal Investigator: Dr		8.649	ICMR	
	Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry	Salivarius-Wb21 Containing Tablets on Oral Malodor among			
	Co-investigators	Patients			
	Dr. Avinash BS,JSSDCH Dr. Thippeswamy HM, JSSDCH,	Attending Dental Institution in Mysuru city,			
	Dr. Ravindra S, JSSDCH Dr. Tejashree A, JSSMC Dr. Chandan	India – A Double Blind, Randomized, Placebo-Controlled			
	RS, JSSCP	Crossover Trial.			
33	Principal Investigator: Dr Chandrashekar B R Prof., & HOD, Dept. of Public Health Dentistry	Formulation, characterization and clinical evaluation of locally delivered Melatonin gel in the treatment of infra- bony defects in patients with severe	25.22	ICMR	
	Co-investigators	periodontitis using a double			
	Dr Venkatesh MP,JSSCP Dr.	blind			
	Subbarao, JSS MC Dr. Aruna, JSS DCH	Randomized control trial.			
34	Principal Investigator: Dr Shyam Sundar Reader, Dept. of Oral & Maxillofacial Surgery	Development of Novel Silk Fibroin Based Bioink for Bioprinting to reconstruct maxillofacial defects	49.22	BIRAC	18 Months
	Collaborator1:				
	Accreate Labs				
	Collaborator2:				
	JSS Academy of Higher Education & Research				
35	Principal Investigator:	Unidirectional delivery of	14.07	BIRAC-PACE	18 Months
	Dr B Nandlal Prof., Dept. of Pedodontics &	Chlorhexidine /Curcumin in a			
	Preventive Dentistry	bilayer tablet towards oral cavity to manage the dental plaque			
	Co-investigators	associated respiratory diseases			
	Dr Arun Radhakrishnanan Dr Gowtham, JSSCP,Ooty Dr Subbarao	and oral hygiene			
	Dr Anitha S				

36	Dr B Nandlal Prof., Dept. of	Low-Cost Fennel- Based Chewable delivery system for Covid-19 Prevention as well as for maintaining Oral Aesthetics	100.00	BIRAC (Covid 19) US Ignition grant-II	1 Yr.
37	Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry  Co-investigators	Enhanced instruments/emerge ncy device kits for minor procedures in ENT and Dental while increasing patient and medical worker safety during COVID 19/SARS/other exigencies in compliance with latest advisories	50.00	BIRAC (Covid 19)	6 months
38	Principal Investigator: Dr Srinivas Murthy Doreswamy, Prof., JSSAHER  Co- Investigator: Dr B Nandlal Prof., Dept. of Pedodontics & Preventive Dentistry	Biomedical devices for combating COVID 19	40.00	BIRAC (Covid 19)	6 months
39	GREENANO Technologies Pvt. Ltd.,	transform natural fabric based	40.00	DBT -BIRAC (Covid 19)	8 months

	Principal Investigator: Dr Jagajjananai Rao Korukonda, Co- founder, GREENANO Technologies Pvt. Ltd., Chennai			
	Key Member			
	Dr Tarangini Korumilli, Asst. Prof.,			
	GREENANO Technologies Pvt. Ltd., Chennai			
	Collaborators			
	Vel Tech rangarajan Dr Sagunthala R & D			
	Institute of Science and Technology, Chennai			
	Dr B Nandlal JSSAHER			
40	Doddawad Reader, Dept. of Oral pathology	Assessing Physical and Chemical properties of saliva among tuberculosis patients on anti tuberculosis treatment –	The Tuberculosis association of India, New Delhi	
	Co-PI	An observational study		
	Dr Jayaraj B S, JSSH Dr Shivananda S, JSSDCH			
	Dr Madhu B, JSSH			
	Dr B M Gurupadayya JSSCP			
	Dr Vidya C S, JSSH			

## DETAILS OF ICMR / VGST FINANCIAL ASSSITANCE FOR STUDENTS MD/MS/DM/MCH DISSERTATION THESIS

SI. No.	Name of the faculty / Department	Title of thesis	Thesis grant In Lakh	Sponsoring Agency	Period From To
1	Principal Investigator Dr Saumya PG Student Guide: Dr Paras Mull J Conservative Dentistry and Endodontics	Comparative evaluation of demineralization inhibition potential of two new restorative materials and their effect on Nano hardness of enamel: an in vitro study	0.50	ICMR	1 Year
2	Principal Investigator Dr Divya Sangeetha PG Student Guide: Dr B M Annapoorna Conservative Dentistry and Endodontics	Comparative evaluation of herbal etchant and MMP inhibitor with orthophosphoric acid and chlorhexidine on the micro shear bond strength of composite resin – An ex-vivo study	0.50	ICMR	1 Year
3	Principal Investigator Dr Manu Bhaskaran Nair, PG Student Guide: Dr Avinash B S Dept. of Periodontology	Adjunctive effect of PRF membrane on GCF Alkaline phosphatase levels in patients undergoing periodontally accelerated osteogenic orthodontics (PAOO)  — A randomized controlled trial	0.50	ICMR	18 Months
4	Principal Investigator Dr Uma P Nair PG Student  Guide: Dr Ravindra S Dept. of Periodontology	Comparative evaluation of bone graft with or without injectable platelet rich fibrin in the treatment of mandibular grade II furcation defect: Aclinic radiological study	0.75	Self-funded	9 months

5	Principal Investigator Mr Tamal Das II BDS student  Guide: Dr Sunila B S Dept. of Prosthodontics	Estimate offasting salivary malondialdehyde (MDS), plasma and salivary glucose levels in patients with type 2 diabetes mellitus	0.20	ICMR STS	2 months
6	Principal Investigator Dr Paridhi Gupta PG Student Guide: Dr Bhagyalakshmi A Dept. of Orthodontics	Evaluation of Injectable Platelet Rich Fibrin (i-PRF) effect on rate of canine retraction and Alkaline Phosphatase levels: An In-vivo Study	0.50	ICMR	
7	Principal Investigator Dr Pratibha Sharma PG Student Guide: Dr Chandrashekar B R Dept. of Public Health Dentistry	Evaluating the effectiveness of oral health education offered by qualified dental professional, trained teachers and peer role models in promoting oral hygiene status and behavior among school going students in Mysuru, Karnataka	0.15	Indian Association of Public Health Dentistry	
8	Principal Investigator Dr Anne Mary Intern Guide: Dr Chandrashekar B R Dept. of Public Health Dentistry	Knowledge, attitude and perceptions on the impact of pictorial warnings on tobacco packaging among patients visiting a dental hospital in Mysuru city	0.05	Indian Association of Public Health Dentistry	

9	Principal	Evaluating the			
	Investigator Dr.	effectiveness			
	Pratibha Sharma PG	of green tea-based			
	student	herbal mouth rinse in			
		comparison with			
	Guide:	Chlorhexidine Gluconate			
	Dr Chandrashekar B	mouth rinse in reducing			
	R Prof., HOD, Dept.		0.50	ICMR	
	of Public Health Dentistry	coating and halitosis among			
	Bentistry	human volunteers A parallel			
		arm double blind randomized			
10	Duta storal	control trial.			
10	Principal Investigator	An exploratory			
	Ms Priyanka	insight into publics			
	III BDS student	perception and			
		preference of	0.20	ICNAD CTC	C 416
	Guide:	mouthwash in Mysore city	0.20	ICMR-STS	6 months
	Dr Sushma R	<ul><li>A cross sectional questionnaire study</li></ul>			
	Lecturer	questionnaire study			
	Dept. of Public				
	Health				
11	Dentistry				
11	Principal	Efficacy of application of PRP			
	Investigator Mr	in comparison with eugenol			
	Lakshmeesha D BDS	dressing of the dry socket	0.20	ICNAD CTC	C
	student	with respect to clinical	0.20	ICMR-STS	6 months
	<b>Guide:</b> Dr Shivananda S	symptom			
	Reader, Dept. of				
	Oral & Maxillofacial				
	Surgery				
12	Dringing	Vnoudodae attitude end			
12	Principal Investigator Ms.	Knowledge, attitude and practice related to oral			
	Pramadwara Kumar	hygiene among medical			
	BDS student	students in Mysuru city – a	0.20	ICMR-STS	6 months
	DDS Student	cross sectional	0.20	ICIVIII-313	0 1110111113
	Guide:	survey			
	Dr Premalatha B R	•			
	Reader, Dept. of	based study			
	Oral Pathology &				
	Microbiology				
	wheropiology				

13	Principal Investigator Ms. Bhumika V R BDS student Guide: Dr Girish M S Reader, Dept. of Pedodontics & Preventive Dentistry	Effect of Punica Granatum extracts and fluoride mouth rinse on the protective properties of pellicle layer against erosive mineral loss	0.20	ICMR-STS	6 months
14	Principal Investigator Mr Ganesh N BDS student Guide: Dr Indira M D Lecturer Dept. of Pedodontics & Preventive Dentistry	Evaluation of compressive strength shear bond strength and abrasive ressitance of chitosan cellulose modified glass ionomer cement (Chce-GIC)	0.20	ICMR-STS	6 months
15	Principal Investigator Ms	Infection control measures among			
16	student Guide: Dr Vidya Priyadharshini D S Reader Dept. of Pedodontics & Preventive Dentistry	dental clinical practitioners in the city of Mysuru	0.20	ICMR-STS	6 months
16	Ms Yuktha R BDS student <b>Guide:</b>	, ,		ICMR-STS	6 months

17	Principal Investigator Ms Shreyas Pravin Dhumke BDS student Guide: Dr Seema Deshmukh Reader, Dept. of Pedodontics & Preventive Dentistry	Antimicrobial efficacy and surface characteristics of fluoride coated nano silver particles incorporated type IV glass inomer cement (CNAg-GIC)	0.20	ICMR-STS	6 months
18	Principal Investigator Ms Rachitha Narrendra BDS student Guide: Dr Meenakshi S Lecturer Dept. of Prosthoodontics and Crown & Bridge	Oral candidal colonization among denture wearing postmenopausal womena comparative microbial analysis withnon-denture wearers	0.20	ICMR-STS	6 months
19	Mr. Kishan P BDS		0.20	ICMR-STS	6 months
20	Principal Investigator	Cytological assessment of epithelial changes in oral mucosa during menstruation in young adults	0.20	ICMR-STS	6 months

21	Principal				
	<b>Investigator</b> Ms.	Lichenoid reactions in diabetic and non diabetic patients with silver amalgam restoration an in vivo study	0.20	ICMR-STS	6 months
22	Principal Investigator Mr Prathikantam Raghu Pavan BDS student Guide: Dr Sreeshyla H S Lecturer, Dept. of Oral Pathology Microbiology	Anti bacterial and anti fungal effect of trigonella focnum graelum and ferula asafoetida on oral micro biota-an in vitro microbiological assay	0.20	ICMR-STS	6 months
23	Principal Investigator Ms Srustee S II BDS student  Guide: Dr Nandithakumar M Reader Dept. of Prosthoodontics and Crown & Bridge	Perception of smoking in school children with parents as smokers in low socio economic status and high socio economic status – A cross sectional study			6 months
24	Principal Investigator Ms Anjalianil III BDS Student Guide: Dr Sunitha S Reader Dept. of Public Health Dentistry	Efficacy of oral cleansing and preventing diseases by tooth brushes Vs tooth flossing in adjunct to tooth brush in among 13-15 year old children	0.20	ICMR-STS	6 months

25	Principal Investigator Ms Samredhi Singh II BDS student Guide: Dr Chandrashekar B R Prof., HOD, Dept. of Public Health Dentistry	Knowledge, attitude and eco friendly medical practices adopted by undergraduate students in different healthcare institutions in Mysore city, Karnataka Across sectional questionnaire study	0.20	ICMR-STS	6 months
26	Investigator Ms Neha S R II BDS	Estimation and relationship of urea and creatinine levels in serum and saliva of patients with chronic kidney disease	0.20	ICMR-STS	6 months

## JSS Academy of Higher Education & Research Projects: Students

SI. No	Name of the Student / Department	Name of the project	Amount (Minor / Major) In Lakh	Sponsoring Agency	Period From To
1	Dr Pragyan Mohanty PG Student Guide; Dr Sheela kumar Dept periodontology	A pilot study to correlate smoking pack years with Epstein Barr virus titer and periodontal status	0.25	JSSU	17.7.20 17
2	Dr Kunchok Dolma J PG Student Guide:Dr SheelakumarG Dept. of Periodontology	To assess and correlate mean platelet volume and salivary C-reactive protein levels among smokers with chronic periodontitis.	0.25 (applied for 0.62)	JSSAHER	1 Yr.
3	Dr Archana R Sankar PG Student Guide; Dr Sheelakumar G Dept Periodontology	To evaluate aloe vera chitosan based surgical dressing on healing of periodontal surgical wound	0.25 (applied for 0.262)	JSSAHE R	

4	Dr Manohar	Evaluation of Psidium			
		guajava local drug delivery			
		as an adjunct to scaling and			
		root planning in the	0.15	JSSAHE	3
	•	treatment of chronic		R	Mont
	•	periodontitis: A Clinical			hs
	7	and Microbiological Study			
5	Dr Medha	Comparative evaluation of			
	Sharma PG	Diode Laser and	0.25		
	Student	Antimicrobial therapies in the treatment of	(applied	JSSAHER	1.5 Yr.
	Guide: Dr Deepika		for 0.90)		
	P C Dept. of	clinical and microbiological			
	Periodontology	study			
6	Dr Rishika Battula PG	A Correlative study			
	Student	assessing psychological	0.25		
	Guide: Dr	stress, salivary amylase	(applied for	JSSAHER	11
	Sheelakumar G Dept.	levels and its relationship	0.55)		Months
	of Periodontology	with periodontal status in			
		police recruits			
7	Dr Aishwarya Rajendra	Evaluation of			
	Patil PG Student	antimicrobial efficacy of			
	Guide: Dr Ravi M B	different essential oils as	0.25		
	Dept. of	denture cleanser and its		JSSAHER	1.5 Yr.
	Prosthoodontics and	effect on hardness of soft	0.70)		
	Crown & Bridge	denture reliners			
8	Dr Priya	Evaluating nicotine			
	Mukherjee PG	release from heat cures	0.20		
	student	acrylic denture base	(applied for	JSSAHER	1.5 Yr.
	Guide: Dr Anilkumar	exposed to cigarette	0.28396)		
	G Dept. of	smoke —an invitro study			
	Prosthoodontics and				
	Crown & Bridge				
9	Dr Akanksha Roy PG				
	student Guide:Dr	A non-invasive technique			
	Raghavendraswamy K	to evaluate the effects of			
	N Dept. of	complete denture	(applied for	JSSAHER	1.5 Yr.
	Prosthoodontics and	prosthesis on swallowing	0.50)		
4.0	Crown & Bridge	– an invivo study			
10	Dr Urvashi Sharma PG	Comparison of marginal			
	student	integrity of metal crown			
	Guide:Dr Dhakshaini M	made from conventional	0.25	JSSAHER	1.5 Yr.
	R Dept. of	technique, CAD-CAM and			
	Prosthoodontics and	3D printing – an invitro			
	Crown & Bridge	study.			

11	Dr Arun V Mavely PG Student Guide: Dr Suman Basavarju, Dept. of Periodontology	The effect of low level laser therapy as an adjunct to scaling and root planning on the IL-1B levels in patients with type  2 diabetes mellitus: A randomized controlled clinical trial.	(applied for	JSSAHER	3 Months
12	Dr Manu Bhaskaran Nair PG Student Guide: Dr Ravindra S, Dept. of Periodontology	The antimicrobial efficacy of a novel Nisin variant like lantbiotic against periodontal pathogens-an ex vivo study	0.20 (applied for 0.25)	JSSAHER	6 Months
13	Dr Anoop N K PG Student Guide: Dr B Nandlal Dept. of Pedodontics & Preventive Dentistry	Evaluation of the efficacy of fennel seed extract (Foeniculum vulgare) in inhibition of growth of enterococcus faecalis biofilm formed on tooth substrate; an ex vivo study		JSSAHER	3.5 Months
14	Dr Vanessa Lobo PG Student Guide: Dr Seema Deshmukh Dept. of Pedodontics & Preventive Dentistry	Comparative evaluation of antimicrobial efficacy of a novel bacteriocin and calcium hydroxide as an intracanal medicament against enterococcus faecalis biofilm-an in vitro study	0.20 (applied for	JSSAHER	6 Months
15	Dr Radhika Krishnan C PG student  Guide:Dr K N Raghavendraswamy Dept. of Prosthoodontics and Crown & Bridge	Comparative evaluation of masticatory efficiency in various facial forms of dentate and rehabilitated complete denture patients		JSSAHER	18 Months

16	Dr Bosy Thanakam Mathew, PG Student  Guide: Dr Raghunath N Prof. Dept. of Dept. of Orthodontics & Dentofacial Orthopedics	To evaluate and compare the effect of Micro osteoperforations on the rate of canine retraction and rankl levels in gingival crevicular fluid during orthodontic treatment	0.25 (applied for 0.75)	JSSAHER	2 Yrs.
17	Dr Nithin Varghese Joy PG Student Guide: Dr H Jyothi Kiran Reader, Dept. of Dept. of Orthodontics & Dentofacial Orthopedics	Comparison of implant supported mandibular canine retraction using NITI closed coil springs with and without submucosal injection of platelet — rich plasma (PRP)- an in vivo study	(applied for	JSSAHER	1.5 Yrs.
18	Dr Mounika Prashanthi N PG Student Guide: Dr H P Jaishankar Reader, Dept. of Oral Medicine & Radiology	Comparative study of Orthopantomogram and Cone beam computed tomography to determine osseous changes in the temporomandibular joint	0.25	JSSAHER	1 Yr. 3 months
19	Dr Aishwarya R PG Student Guide: Dr Karthikeya Patil HOD, Dept. of Oral Medicine & Radiology	Binygomatic distance and maxillary sinus dimensions as a predictor for sex determination:  A morphometric analysis using cone beam computed tomography		JSSAHER	1 Yr. 3 months
20	Dr Mayank Chhabra PG student  Guide: Dr Nandithakumar Reader, Dept. of Prosthoodontics and Crown & Bridge	Flexural strength and impact strength of acrylic and 3D printable denture base resins-A Comparative in vitro study	(applied for 0.50)	JSSAHER	1 Yr.
21	Dr Ferin Fathima PG	Comparative evaluation of			

	Student  Guide:Dr Ravi S  Reader, Dept. of Orthodontics & Dentofacial Orthopedics A	shear bond strength of orthodontic brackets bonded after treatment of enamel with 5.25% sodium hpochlorite and 10% papain gel – An in vitro study	0.25	JSSAHER	1 Yr.
22	Dr Bijlani Samhita Subhash PG Student  Guide:Dr Raghavendra Shanbhog Reader Dept. of Pedodontics & Preventive Dentistry	Efficacy of ice apple, propolis and amniotic fluid in maintaining periodontal ligament cell viability of avulsed tooth: An in-vitro evaluation	0.25	JSSAHER	2 months
23	Guide: Dr B Nandlal	Maxillary dentoalveolar changes and speech outcomes in uninlateral cleft lip and palate children before and after palatal repair	0.25	JSSAHER	7 months
24	Dr Reethika K V PG Student	Comparative assessment of anticariogenic efficacy of cranberry and xylitol lozenges in children	0.25	JSSAHER	3.5 months
25	Dr Rishika Battula PG Student Guide: Dr Sheelakumar G HOD, Dept. of Periodontology	To check the relationship between tongue teno virus, Epstein barr virus in gingival tissue biopsy of chronic periodontitis patients with type II diabetes mellitus	0.30	JSSAHER	1 Yr.
26	Dr Kalyanam Rashmi Durga PG Student Guide: Dr Ravindra S Prof., Dept. of Periodontology	Adjuvant use of probiotics in the management of periodontitis in diabetics: A randomized double blind clinical trial		JSSAHER	1.5 Yr.

27	Dr Tekwani Tanvi	Comparative Evaluation of			
	Sachhanand	antifungal activity on oral			
	PG Student	candida by Moringa			
		Oleifera seed Ethanolic			
	Guide: Dr Sunila B S	Extract in Salivary Samples	0.57400	JSSAHER	2 Yrs.
	Reader, Dept. of	of Diabetic and Non-			
	Prosthoodontics and	diabetic Edentulous			
	Crown & Bridge	subjects with complete			
		Dentures			

## **Economic growth through consultancy:**

SI. No	Title of the project	Cost in Lakhs
1	Drug Testing Laboratory	401,390.00
2	Evaluation of anti-stress effects of mulmina <sup>™</sup> against chronic unpredictable mild stress model in mice	2,34,000.00
3	Evaluation of memory impairmentand antiepileptic activity of gabapentin in TM presence and absence ofmulmina	1,82,000.00
4	Evaluation of anticlastogenic activity of Mulmina <sup>™</sup> using zebrafish embryos and mice model	1,86,000.00
	Total	10,03,390.00

## **Economic Growth through Clinical Trials**

LCOHOIII	Growth through Clinical		T
SL.NO	Company Name	Investigator	Amount received
1	The International Poly Cap Study	Dr. K. M. Srinath	20,362.00
2	Excel Life Sciences Pvt.Ltd. Noida	Dr. Premanath Raman	25,646.00
3	Excel Life Sciences Pvt.Ltd. Noida	Dr. Premanath Raman	4,452.00
4	Klinera Corp India	Dr. Subramanyan R	1,18,031.00
5	CRL Mylan Laboratory Ltd. Bangalore	Dr. TSS Rao	13,18,060.00
6	Serum Institute of India Pvt.Ltd., Pune	Dr. M. D. Ravi	8,50,585.00
7	Biological E, Limited	Dr. M. D Ravi	2,83,700.00
8	Shantha Biotechnics Pvt.Ltd. Hyderabad	Dr. M. D. Ravi	5,27,508.00
9	Biological E, Limited	Dr. Ashoka H. G	2,06,323.00
10	CBCI Society for Medical Education	Dr. K. M. Srinath	93,330.00
11	Astrazenca Pharma India Itd	Dr. Chethan C.S	15,20,230.00
12	Astrazenca Pharma India Itd	Dr.Manjunath Shetty	7,15,944.00
13	Bridge Clincal Research Service Pvt Ltd	Dr.Ravi.M D	7,27,680.00
14	Klineria Global Services	Dr.Subramanian R	1,47,656.00
15	Clinatha	Dr.TSS Rao	3,83,200.00

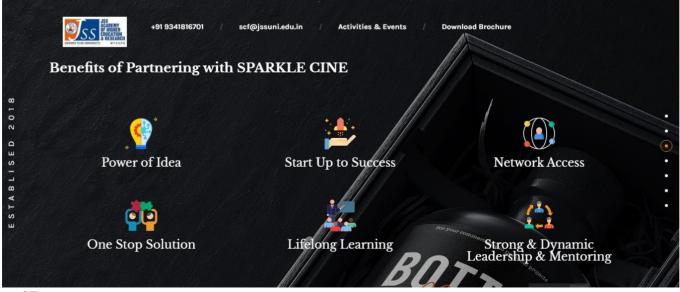
	Total	1,05,80,859.00
logical E-Limited	Dr.Ravi M D	3,30,990.00
eous Health UK ited	Dr.Premanath Raman	4,71,057.00
'IA RDS(India) Pvt Ltd	Dr.Ravikumar Y S	1,74,101.00
rmazz India Pvt Ltd	Dr.Mahesh.M	30,000.00
S study	Dr.Srinath. K M	1,50,000.00
wich Clinical	Dr.Ashoka.H.G	15,000.00
gical E-Limited	Dr.Prasannakumar.H R	6,18,969.00
A RDS(India) Pvt Ltd	Dr.Subramanian R	73,239.00
tha Bio Tech	Dr.Ravi.M D	6,72,128.00
gical E-Limited	Dr.Ravi.M D	6,69,532.00
ria Global Services	Dr.Subramanian R	4,33,136.00
ri	a Global Services	

#### JSS AHER SPARKLE CINE

SPARKLE signifies Science Promotion through Advancement of Research & Knowledge for Life through Entrepreneurship, & CINE stands for Centre for Innovation & Entrepreneurship.

Sparkle CINE is a Section 8 company established under the aegis of JSS Academy of Higher Education & Research for the purpose of promoting translation of educational excellence to ideas and to catalyse the power of the idea towards innovation and entrepreneurship focused on advancement of Science.







N

۵

Ш

BLIS

T A

+91 9341816701

scf@jssuni.edu.in

Activities & Events

Download Brochure

# **Features**



#### THRUST AREA

Health Care, Biotech, Pharma, Life science, Medical Devices, Health & media, Health & Smartphone Applications, Affordable Rural-Healthcare Innovations

#### PARTNERSHIP BENEFITS

Strong Vision, Committed to the Mission

#### PARTNERS

Investment, Academic, Reasearch, Services(Legal, Business, Network), Industry, Mentorship

# 0

#### OUTCOME ORIENTATION

Start Up Support till Graduation Enterpreneurship promotion

#### LOCUS OF BENEFITS

Infrastructure, Co-Working Teams, Policy matters, Core areas / Thrust area, Strategic Partnership

# REVENUE MODEL & FUND RAISING

Immediate: Mentoring for Seed Msoney Near Longitudinal: Networking Longitudinal: Structuring Grant Application

### **POLICIES RELATED TO SDG 8**



# **Employee Selection and Recruitment Policy**

#### 1. Preamble:

JSS AHER has the vision to provide quality education, promote translational research and serve the community through patient care and outreach activities. The human resource is the main pillar which can support and fulfil the vision. Hence, JSS AHER follows a standard policy to select and recruit manpower. This policy describes the process for identification, selection and recruitment.

# 2. Policy brief & purpose

- JSS Academy of Higher Education & Research **employee recruitment and selection policy** describes the process for attracting and selecting external and internal candidates.
- JSS Academy of Higher Education & Research is committed to equal opportunity policy at every selection stage. Recruiting teams shall aim for a well-planned and discrimination-free recruiting process.
- JSS AHER will be guided by UGC regulations, PCI/ AICTE/ MCI/ DCI regulations etc. from time time

## 3. Scope

This recruitment and selection policy applies to all employees who are involved in recruitment for JSS Academy of Higher Education & Research. It refers to all potential job candidates.

#### 4. Procedures

# 4.1Recruitment and selection process

Generally, recruiting teams could go through the following steps:

- 1. Identify the need for recruiting
- 2. Decide whether to recruiting externally or internally
- 3. Review the job description and compose a job advertisement
- 4. Select appropriates sources (external or internal) for posting the opening
- 5. Decide on the selection stages and possible timeframe
- 6. Review resumes in JSS AHER & MVP database
- 7. Source possible candidates
- 8. Shortlist applications
- 9. Proceed through all selection stages
- 10. Run background checks
- 11. Select the suitable candidate through interview and recommend
- 12. Approval by Chancellor
- 13. Make an official appointment order and issue

Stages may overlap. HRD head/Registrar may remove/add steps as appropriate. The first five stages are mandatory in every recruiting process.

# 4.2 Posting jobs internally

HRD section can post a job opening internally before starting recruiting external candidates. If they decide to post internally, they can:

Set a deadline for internal applications

 Communicate their opening through internal circulars, emails or word-ofmouth

#### 4.3 Creating job descriptions

HRD section shall create job advertisement based on full job descriptions of each role. Job ads should be clear and accurately represent the open position. They should include:

• A brief description of JSS AHER and mission

- A list of requirements
   (Ensure to mention that the candidate should be more than 18 years old)
- How to apply

# 4.4 Employee selection stages

JSS AHER has follows a standard recruiting process that may be altered according to a role's requirements and approval of authorities. The standard process involves:

- Resume screening
- Interview
- Referrals Evaluation if any

# 5. Revoke of Appointment order

In case when a formal appointment order has to be revoked, the recruiting authority and human resources department should draft and sign an official document. This document should include a legitimate reason for revoking the appointment order. Legitimate reasons include:

- Candidate is proved to not be legally allowed to work for JSS AHER at a
- specific location Candidate has falsified references or otherwise lied about a serious issue
- Candidate doesn't accept the offer within the specified deadline (deadline must have been included in the appointment order)

Recruiting managers and HR must notify the candidate formally as soon as possible. This policy will come into immediate effect.



# Policy on antidiscrimination in the workplace

#### 1. Preamble

JSS Academy of Higher Education & Research, believes in equality in workplace. Hence, the HEI has made this policy to prevent any discrimination and ensure equality.

#### 2. Definition:

**Discrimination** in workplace can be in different forms; there might be a single reason or a combination of multiple grounds of discrimination. Discrimination in a workplace may constitute in form of:

- 1. Age
- 2. Sex
- 3. Qualification
- 4. Disability
- 5. Pregnancy
- 6. National origin
- 7. Race/Colour
- 8. Religion
- 9. Sexual harassment
- 10. Equal pay or compensation
- 11. Region/Place of origin
- 12. Caste and
- 13. Ethnicity.

#### 3. Procedures:

# 3.1 Disability

Disability discrimination occurs when an employer or an entity treats a qualified individual with disability who is an applicant or employee unfavourably due to that person being disabled. This unfavourable behaviour can be experienced during recruiting, pay, promotion, etc.

JSS Academy of Higher Education & Research has made a commitment for promoting, protecting and ensuring the rights recognised by government of India's act -The rights of Persons with disabilities Act, 2016 for **safeguarding** and **protecting** the disabled in India.

This Act under Sec. 3 mentions that 'No person with disability shall be discriminated on the grounds of disability and ensures that the person with disability enjoys the right to equality, life with dignity and respect for his/her integrity equally with others.

Under Sec. 19 and 20 there shall be non-discrimination in employment.

Under Sec. 32 of the same Act provides for reservation in higher educational institutions.

Under the Act, Sec. 34 the following categories of benchmark 'disabilities' are protected – (a) Blindness and Low vision; (b) Deaf and hard of Hearing impairment; (c) Loco motor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy; (c) Autism, intellectual disability, specific learning disability and (d) Mental illness Multiple disabilities from amongst persons under clauses a to d

JSS Academy of Higher Education & Research abides by this ACT

#### 3.2 Remuneration

Discrimination may also exist in the payment of compensation to the employee which includes salary and other benefits. JSS Academy of Higher Education & Research shall not show any such discrimination.

# 3.3 Principle of Equal pay for Equal work

JSS Academy of Higher Education & Research shall pay equal remuneration to men and women workers for same work or work of a similar nature as per the **Equal Remuneration Act, 1976. Section 5** of the Act and shall **prohibit** formulating a recruiting process putting women on disadvantage on account of their gender which is in reference to the work that is same or similar to that which is offered to men and even in respects of transfers and promotions.

#### 3.4 Discrimination based on sex

Discrimination based on sex can happen when an employee or a probable candidate is discriminated on the grounds of a person belonging to a particular sex. Discrimination based on sex might be seen in the areas of recruiting, conditions of employment, promotion, benefits, dividing work tasks based on whether staffs are male or female.

Any such discrimination shall be prohibited at JSS Academy of Higher Education & Research.

Discrimination on this ground is **prohibited** by **Article 15** of the Constitution which says no citizen shall on the grounds of sex, caste, place of birth be ineligible for, or discriminated against in respect of, any employment or office.

# 3.5 Discrimination on the grounds of pregnancy

Discrimination can be refusal of grant of job to a women who is pregnant or dismissal of the women from the organisation subject to her disclosure of the fact of pregnancy.

Such a discrimination shall be prohibited at JSS Academy of Higher Education & Research.

#### 3.6 Discrimination based on caste

Under the Protection of Civil Rights Act, 1955 and the protection of civil rights rules 1977 if a person molests, injures, annoys, boycott, obstructs, or insults or attempt to do such act

toward a person of Scheduled Caste, that person may be punished with imprisonment of term not less than one month and may extend upto six months and with fine not less than one hundred rupees and not more than five hundred rupees. If a person of Scheduled Caste faces boycott in form of not allowing that person to work or do business with other person or receive from him the services he renders, or any other things which are commonly done in ordinary course of a business is a punishable offence and he may file a FIR in the local police station.

Such a discrimination shall be prohibited at JSS Academy of Higher Education & Research.

#### 3.7 Prevention of sexual harassment of women:

JSS AHER strictly prevents, prohibits and redresses sexual harassment of women as per Sexual Harassment of Women at Work Place (Prevention, Prohibition and Redressal) Act, 2013. As per this Act under Sec.4 an internal compliance committee shall be constituted for the purpose.

# 4. Authority

The Vice-Chancellor, Registrar & Director (Academics), HRD Section of JSS Academy of Higher Education & Research and Principals of the constituent colleges and Heads of the departments holds delegated authority and is responsible for all aspects of this policy.

# 5. Date of implementation:

This policy will come into immediate effect from 16.06.2016

# 6. Date of revision:

16.06.2020



# JSS Academy of Higher Education & Research, Mysuru

# **Innovation Policy**

Reference number	Policy06-2017-JSSU
Policy owner	Vice-Chancellor, JSS Academy of Higher Education & Research, Mysuru, Karnataka.
Policy Implementer	Registrar, JSS Academy of Higher Education & Research, Mysuru, Karnataka.
Responsible division	Office of the Registrar, JSS Academy of Higher Education & Research, Mysuru, Karnataka.
Status	Approved
Date of approval	First approved date: 07.12 .2008.
	Revision approved date: 11.12.2019
Amendments	This policy was reviewed in June 2008 . Implemented in
	December 2008.
	Revised in December 2019.
Web address of this policy	http://jssuni.edu.in/JSSWeb/WebShowFromDB.aspx?MID=11006&CID=0&PID=10001
Address on the policy data base	Registrar, JSS Academy of Higher Education & Research, Mysuru, Karnataka.

### **Innovation Policy**

#### **Preamble**

As a well-recognized Institution in India, driven by its pursuit of knowledge and innovation, with a unique institutional culture based upon the values the University espouses, the JSS Academy of Higher Education & Research, Mysuru, has adopted this Innovation Policy on 7thDecember 2008.

#### **Aim**

The aim of the innovation policy is to assure quality and to provide the framework for research and innovation management at JSS Academy of Higher Education & Research (JSSAHER).

#### Scope

This policy relates with the JSS Academy of Higher Education & Research Strategic plan and supports JSSAHER to produce high-quality, relevant, and focused research, supplying innovative solutions to challenges faced by the scholarly community. Furthermore, as stated in the Strategic Plan, the JSS Academy of Higher Education & Research strives towards becoming a balanced academic - research JSSAHER with commercialization and making a significant impact through community engagement.

# **Policy Statement**

It is the policy of JSS Academy of Higher Education & Research that research is executed in identified Research Entities which promote innovative research and innovation for the economic development of the community, country, and the world.

The research and innovation model creates an institutional identity while at the same time allowing differentiation within the capabilities and capacity of constituent colleges and JSSAHER departments. The research entity model is geared towards increasing research and innovation quality, research and innovation participation and productivity, development, and funding. The research and innovation management model encourages, facilitates, and stimulates research and innovation on all campuses. Each constituent college and JSSAHER department will develop and manage its own Research Entities. Participation will primarily be limited to researchers from a specific college, open to collaboration with other collages and departments.

#### **Definitions**

#### **Research Niche Area**

A Research Niche Area is a small research group with a clear focus which is identified by the campus and is part of the overall strategic plan of JSSAHER and colleges with local research impact. The campus must offer degrees approved by University Grants Commission/ Department of Ministry of Higher Education at a minimum of master's Level in the disciplines which form the primary focus of the Niche Area.

#### **Research Focus Area**

A Research Focus Area is a research group with a clear focus which is identified by the collages and is part of the overall strategic plan of JSSAHER and colleges linked to national priorities with regional research impact. At least 30-40% of the research income of a Focus Area should come from external sources of funding. Masters and Doctoral students must be trained through involvement in the Focus Area.

#### **Research Unit**

A Research Unit is significant with recognized, longer-term multidisciplinary and transdisciplinary research activity. A clear focus is identified by the constituent colleges and departments and is part of the overall strategic plan of the JSSAHER linked to national priorities. Master's and doctoral students should be directly linked to the research entity. Research income is obtained from a variety of sources including industry and sources. There must be evidence of significant research output within the Research Unit and participation of doctoral students.

#### **Research Centre of Excellence**

A Centre of Excellence is nationally recognized with longer-term multidisciplinary and trans- disciplinary research activity. The Centre should have a clear focus which is identified by the colleges and JSSAHER departments and is a part of the overall strategic plan of the JSSAHER linked to national priorities with national and international research impact. At least 50 of its research incomes should be derived from external sources of funding. The Centre should have substantial research output with doctoral student involvement

# **Research Entity:**

Research Section/Division is a research and innovation entity that functions under the leadership of a Director (Research). The Entity typically hosts a research program of regional and national importance with long term financial support from public and private funding bodies and conducts research and innovation activities commensurate with doctoral program. The Research section of JSSAHER works across institutional boundaries, with the focus is on innovation output lower in the innovation value chain.

# **Commercial Research Entity:**

A Commercial Research Entity is an innovation entity that functions under the leadership of a Coordinator- Center for Innovation and Entrepreneurship. The activities within the entity are primarily aimed at implementing expertise, operates on business principles and all funding is obtained from internal and external sources. The vast majority of activities are focused on product development, services and products aimed at specialized industry/society needs. The quality provisions for research and training are applicable as well as Industry accepted quality standards for products and services.

# Research and innovation output is defined as the following:

Research output of JSS Academy of Higher Education & Research(JSSAHER)recognized for rating/ranking/ accreditation purposes by Government Bodies:

- Staff qualification improvement on doctoral (equivalent)level.
- Doctoral qualifications awarded to students.
- Post Graduate projects and outcome.
- Articles published in national and international journals (peer reviewed journals);
- Presentations made to national and international conferences.
- Patents filed and granted at national or international level.
- R&D-related downstream activities, characterized by successful technology transfer.
- The number of researches through centers of excellence, innovative projects, niche areas allocated to JSSAHER by funding agencies.
- Regional/ national/international awards received by the researchers and inventors.
- Participation in selected performances/exhibitions and the delivery of artistic products.

### The rules guiding research and innovation are defined within the following categories:

- Research and Innovation Governance
- Board of Management governs and approved innovation policies.
- The Institutional Research and Innovation Committee communicates on the strategy, plans and Quality of Research and Innovation of the JSS AHER.
- The Research Committee has the responsibility to evaluate the research undertaken within the Research Entities at JSS Academy of Higher Education & Research (JSSAHER) and make recommendations to the Board of management

# **Research and Innovation Strategy**

1). The Vice-Chancellor assumes the overall responsibility for the policy and strategy of Research and Innovation at the JSS Academy of Higher Education & Research. Director (Research) is responsible for research and innovation and assumes the overall responsibility for the management of research and innovation at the constituent colleges and JSSAHER Department.

#### **Research and Innovation Structures**

Research and innovation are performed within the defined Research Entities as categorized in the Institutional Strategy. All research entities are linked to faculties.

It is the responsibility of the directors or heads of research entities to manage in fenced-off cost centers within the policies of JSS Academy of Higher Education & Research.

The relevant Director, after consultation with the Innovation and Entrepreneur Office and the relevant coordinator, may recommend the formation of spin-off companies.

#### **Research and innovation Management**

Research is managed according to the guidelines set in the Institutional Strategy

Research and innovation are funded in accordance with the Institutional Strategy.

The Research Committee devises the strategies necessary to attain, promote, monitor, and review innovative activities within the Faculty.

#### **Research and Innovation Support**

The office of the Director Research advises colleges and departments and faculties on the protection of intellectual property rights, patents applications and professional indemnity, related to research and innovation activities.

The office of the Director Research facilitates and evaluates all project proposals submitted to research funding agencies; supports the effective and optimal appropriation of the JSSAHER funds, including applications and allocation of funds, as well as the continuous monitoring and reporting of all research funds of the JSS Academy of Higher Education & Research; Manages the administration of all government subsidized research and the handling of all such subsidy claims and facilitates the effective evaluation of research, internally by the Institutional Research Support Committee.

Research and innovation performance is evaluated or assessed by way of research and innovation performance indicators and an annual Research and Innovation Report.

Measurements will include:

- Measurement and bench marking of the output.
- The extent by which the JSSAHER can earn and leverage funding for research and innovation activities.

#### **Procedures**

JSS Academy of Higher Education & Research (JSSAHER) will ensure the provision of effective, efficient, and equitable support for researchers, through the Research management structures. The overall process for research and innovation is captured in the Strategic Plan of the Institution and JSSAHER.



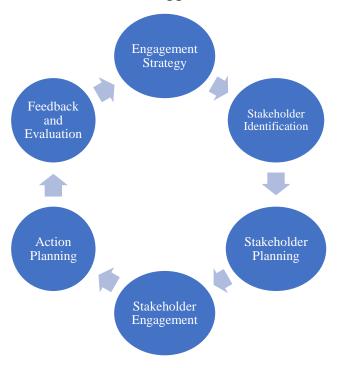
# POLICY ON ENGGAGING EXTERNAL STAKE HOLDERS

#### 1.Preamble:

JSS Academy of higher education and research is committed to quality education with the vision to provide education that helps transformation of individuals and society. To achieve this, it is essential to include our stake holders in the governance of the Institution. This will not only help us in a continuous improvement process, it will also help us in a holistic approach of governance.

# 2. Policy & Principle:

**2.1** The principles described above, support the stakeholder engagement cycle:



# 2.2 JSSAHER engages external stakeholders in three general ways:

#### 1. Communications:

The external stakeholders are communicated through our News Letters, journals, emails and other publications.

# 2.Dialogues:

Dialogues helps to understand the ideas that are communicated, to be adapted and incorporated into the fabric of planning and execution at JSSAHER. The regular meetings are an ideal occasion for the same. A member from external stakeholder is included to committee, council or board.

#### 3. Collaborations:

With mutual benefits, a collaboration with external stakeholder will help us to form new ideas and implement them very early.

#### **2.3** The external stakeholders can be

- Members of local authorities
- Parents of students
- Institutions & Industries recruiting our students
- Ranking agencies
- Statutory bodies
- Funding agencies
- Suppliers
- Outsourced service providers

#### 3.Procedure:

# 3.1 Procedure for including an external stake holder into any committee/ council

# 3.1.1 Including New member into a committee

- 1. During the constitution or reconstitution of various boards, councils and committees, an external stakeholder of repute is identified.
- 2. Their resume is to be scrutinised by the authorities
- 3. On establishing their eligibility, they are recommended to be included include in the said board/council/committee for a specified time period
- 4. The recommendation is discussed in the Board of Management meeting.
- 5. On approval, they are included and notified
- 6. The roles and responsibilities of the external stakeholder in the said body is communicated along with the notification.
- 7. On their acceptance, they serve in the body for the time period specified.
- 8. They will attend the meeting and give their suggestion and have a right to vote
- 9. On completion of one term, they can be considered for the next term also.

# 3.1.2 On resignation of the member

- 1. If the external member wishes to resign before the completion of the term of office, he /she will inform the secretary/chairperson
- 2. On acceptance, he/she will be relieved
- 3. A new member can be selected as per the above procedure for the remaining period of the term of office of the respective body

# 3.2 Procedure for selecting adjunct faculty

JSS AHER has a separate procedure for selection approval and engagement and roles and responsibilities of adjunct faculty visible at <a href="https://www.jssuni.edu.in/admin/BlobFileWorking.aspx?FILENAME=NEM000617.pdf&FORWHAT=3">https://www.jssuni.edu.in/admin/BlobFileWorking.aspx?FILENAME=NEM000617.pdf&FORWHAT=3</a> along with the proforma for empanelment of Adjunct faculty at JSS AHER.

# 3.3 Procedure for signing an MoU, MoA, CRA

JSS AHER has a separate procedure for selection approval and engagement and roles and responsibilities of MoU/ MoA/ CRA visible at <a href="https://jssuni.edu.in/jssaher/global-engagement/mou-guidelines.html">https://jssuni.edu.in/jssaher/global-engagement/mou-guidelines.html</a>

# 4. Authority responsible for execution of this policy

The Vice Chancellor and Registrar of JSS AHER will be responsible

# 5. Date of implementation

This policy will come into immediate effect from 01.01.2016

#### 6. Date of revision

01.01.2020