



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

# COMPENDIUM ON SDG-1 NO POVERTY

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



**2023-24**

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# **1. Introduction**

Eradicating poverty is not a task of charity, it's an act of justice and the key to unlocking an enormous human potential. Still, nearly half of the world's population lives in poverty, and lack of food and clean water is killing thousands every single day of the year. Together, we can feed the hungry, wipe out disease and give everyone in the world a chance to prosper and live a productive and rich life.

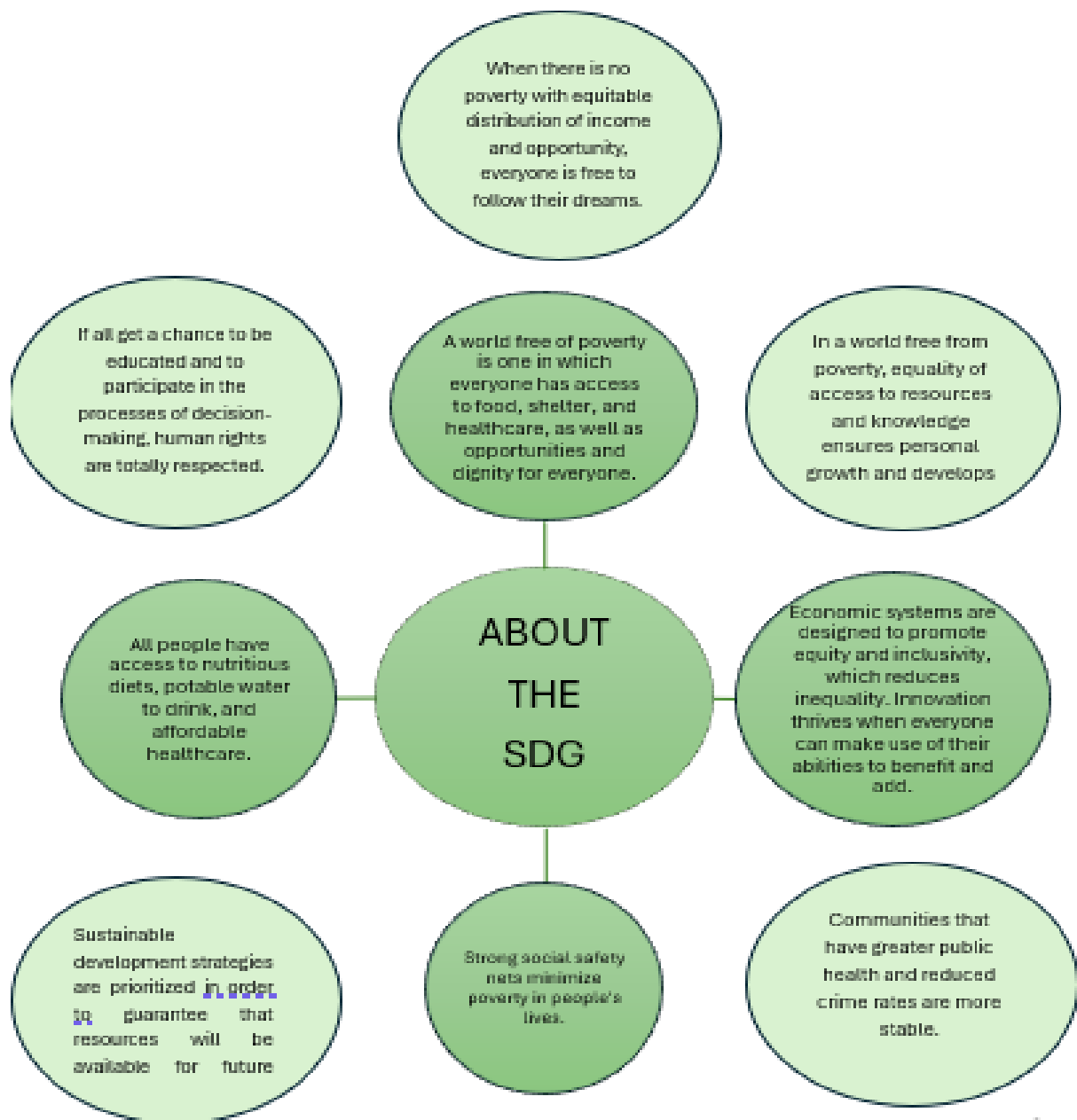
## **Status in India**

- 27.5% of the population is multidimensionally poor
- 1 in every four persons in India is poor
- 38.4% children under 5 years are stunted
- 42% of the population in India have access to internet
- 14.6% households are headed by women

Increased access to education can contribute significantly to reduce poverty. Acquired basic skills such as reading, writing and numeracy can have profound effects on marginalized population's income. It could increase the rate of return on the economy of a family and in turn the country.

Eradicating extreme poverty for all people everywhere by 2030 is a pivotal goal of the 2030 Agenda for Sustainable Development. Poverty Alleviation is the set of steps taken in an economic and humanitarian way for eradicating poverty from a country. According to the World Bank, if a person is living on \$1.90 a day or less, then he/she is living in extreme poverty, and currently, 767 million people of the world fall under that category. In India, Schemes like Pradhan Mantri Awas Yojana and Housing for All by 2022 were developed to provide housing to the rural and urban poor. The latest government schemes like Start-Up India and Stand Up India focuses on empowering people to earn their livelihood. Together, we can feed the hungry, wipe out disease and give everyone in the world a chance to prosper and live a productive and rich life.

## About SDG



**Furthermore, the college encourages well-being by means of a number of initiatives and preventive therapy.**

1. Home care visits by Geriatrics Department for all elderly and aged population at Mysuru at affordable cost and with free transport facilities.
2. JSS Urban Health Centre situated at Medar's block, Mysuru and rural health training centre situated at Suttur are providing much-needed medical care to the people in urban slums and rural communities.
3. JSS Medical College, has joined hands with government of Karnataka in providing health care to the people in rural areas by adapting primary health centres.
4. Encourage medical students to donate supplies / stationaries/learning resources to the kids in Anganwadi centres and primary schools as a social responsibility under medical students' social responsibility initiative.
5. Employees of JSS Medical College extend help to the poor through Poor Patient's Fund and elderly fund.
6. All of the government of India's welfare programmes, including Ayushman Bharath, Yashawini, ESI, and Vajpayee Aerosphere are being implemented in the hospital.
7. To help the needy and poor, JSS Medical College conducts
  - i. Regular health education programmes on prevention and control of common ailments
  - ii. Free health check-up camps for people in rural, urban and tribal areas.
  - iii. Cataract and eye health campus
  - iv. Screening programmes for hypertension, diabetes, cancer etc.
  - v. School health appraisal programme covering more than 20000 children annually.

*Poverty has many dimensions, but its causes include unemployment, social exclusion, and high vulnerability of certain populations to disasters, diseases, and other phenomena, which prevent them from being productive.*

**Eradicating poverty is not a task of charity, it's an act of justice and the key to unlocking an enormous human potential. Still, nearly half of the world's population lives in poverty, and lack of food and clean water is killing thousands every single day of the year. Together, we can feed the hungry, wipe out disease and give everyone in the world a chance to prosper and live a productive and rich life.**

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population's income. It could increase the rate of return on the economy of a family and in turn the country.

## **2. A GLANCE AT EFFORTS OF JSSAHER TO END POVERTY IN ALL ITS FORMS EVERYWHERE**

- Contributions by faculty towards elderly Rs. 4,50,658
- Medical students social responsibility initiative to donate materials to the children in urban slums
- Implementation of Ayushman Bharat, Yashaswini, Vajpayee Aarogyashree schemes in hospitals to help poor
- Healthcare at a subsidized cost in urban slums through JSS urban health care
- Poor patients find contributed by doctors at JSS Hospital
- Free Health Camp and wellness activities
- Quality and economic tertiary health centre

### **TARGETS UNDER THE GOAL**



### **3. Initiatives Taken in SDG 1**

JSS Dental College & Hospital is helping people from low socio-economic strata by providing treatments at reduced cost. Initiatives like poor patients' fund, dantabhagya yogana, social responsibility initiatives, implementation of various government health insurance schemes and subsidized health care to the people residing in urban slums through JSS Urban Health Centre etc, are implemented by JSS Dental College & Hospital. Tertiary health care is established at Chamarajanagara which provides treatment at subsidized rates which is definitely helping in providing quality health care to the needy poor and middle-class patients. Creating health care provision for medical and dental illnesses at Suttur and adoption of Suttur village for model health village program will enable all the people of Suttur with almost free treatment and help the people to get quality health care and additionally promotes wellness by various preventive interventions and initiatives, like training of children with special health care needs, creating awareness about oral cancer, gifting beautiful smile programme for underprivileged, serving poor children by meeting their oral health needs at JSS Free Residential school, Suttur

### **4. Activity conducted aligning to goal 1 End Poverty I all its form everywhere**

#### **Workshops: Personality Development Workshop**

The Dept. of Health System Management Studies organized a Workshop on Personality Development & Communication skills from 7<sup>th</sup> December 2023 till 5<sup>th</sup> January 2024 for the students of 1<sup>st</sup> year MBA Hospital administration, MBA Pharmacy administration, and MBA Information Technology. The workshop was conducted by Mr. H.V. VISHVESH, 'ARIVU' Founder Director.



#### **Student Internships and Placement Drives**

Recruitment Drive was held on 27.02.2024 at DHSMS, JSSAHER by Juggat Pharma for the Students of MBA Pharmacy Administration Mr. Manjunath Shiva Kumar and Vidhan Chandra Roy were present 2 rounds of Interview were Conducted and Four Students were Selected for the Role of Product Management.



**JSS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
(Deemed to be university)

**Department of Health System Management Studies**

*Congratulations*

**MBA PHARMACY ADMINISTRATION**  
BATCH 22-2024

For Being placed in **POLYMED**

Akash 5.2LPA, Devipriya 5.2LPA, Sainath 5.2LPA

For Being placed in **WINDY PHARMACY BANGALORE**

Aishwarya 4.5LPA, Mrunal 4.5LPA, Prajwal 4.5LPA, Savitha 4.5LPA

**"FAB-9"** Package 6.8 LPA

**MBA PHARMACY ADMINISTRATION**

Vinodhini, Shrilaxmi, Sahistha, Anjana, Sairichita, Feba k, Sameeha, Amreen, Prayoti

*Congratulations*  
for being selected for **Novo nordisk**  
From  
Department of Health System and Management Studies, Mysore

**BEST PLACES TO WORK**  
**#1**  
Best Place To Work in India  
novo nordisk



### Enhancing student learning through expert talks

Seminar on Information Security and Cyber Laws from the Department of Health System Management Studies was held on 1st and 2nd July 2024. Dr. Jagadeesh, Professor from JSS Law College, Dr. Usha, Professor from the dept of Computer Science, NIE, Mysore along with her team had taught students various concepts of cyber security and laws pertaining to protection of cyber information.





The Department of Health System Management Studies held a seminar on Artificial Intelligence on 25 th & 26 th July, 2024 Dr. Chandru, Associate Professor from Department of AI and ML, Jyothy’s Institute of Technology, Bangalore and Dr. Usha M.S., Associate Professor and Head of the Department of CSE at NIE Mysuru were the resource persons.



### **Talk on AIR, Career guidance for Sports Nutrition**

A talk on career guidance highlighting the promising field of sports nutrition, focusing on the master's program offered by the Department of Nutrition & Dietetics was given on AIR - Mysuru. The talk covered a range of topics like specialized subjects taught including sports-specific diet planning, sports genetics, and physiology, providing students with a deep understanding of how nutrition impacts athletic performance. Emphasis was laid on the curriculum that prepares graduates for diverse job opportunities in various sectors such as gyms, sports academies, and wellness centers. Additionally, the program emphasized the application of cutting-edge research and practical skills to support athletes' performance and health. Further topics covered were how students can also explore roles in sports organizations, fitness consultancy, and even academic research, making it a versatile and dynamic career path.

### **CERVICAL CANCER SCREENING AWARENESS WORKSHOP**

The department of pharmacy practice organized “Cervical cancer screening awareness workshop” in Sokkanalli tribal village, The Nilgiris on November 24<sup>th</sup>, 2023. The program was aimed to raise awareness about the cervical cancer risk factors, and the importance of diagnosis, screening, vaccination, treatment, and prevention of cancer among the tribal women. In this workshop, about 75 participants of the tribal community benefited. Dr M Deepalakshmi, Assistant Professor delivered a thought-provoking talk on Cervical cancer. She highlighted the significance of cervical cancer awareness and provided valuable insights into vaccination, and

prevention measures. She addressed the importance of health management, and screening, of cervical cancer. The IV<sup>th</sup> pharm D students actively did the health screening tests which involved collection of medication history, blood pressure check, sugar check and BMI.



## **MATERNAL, MENSTRUATION AND MENTAL HEALTH AWARENESS PROGRAMME AMONG TRIBAL WOMEN, ORPHANAGE ADOLESCENT GIRLS AND COLLEGE STUDENTS IN THE NILGIRI DISTRICT**

**11.8.2023** : Maternity, Menstruation and Mental Health Awareness programme was organized by Department of Pharmaceutical Chemistry and Department of Pharmacognosy Among Tribal Women's, Orphanage Adolescent Girls, College Girls in the Nilgiris District. at Emerald heights college for women, Ooty. A total of 50 adolescent girls participated and benefitted by the event. The event emphasizes on sustainable usage of sanitary pads, healthy lifestyle modifications and reproductive wellbeing.

**9.9.2023**: Maternity, Menstruation and Mental Health Awareness programme was organized by Department of Pharmaceutical Chemistry and Department of Pharmacognosy, JSSCPO, Ooty Among Tribal Women's, Orphanage Adolescent Girls, College Girls in the Nilgiris District. at Annai Sathya Ammaiyyar Memorial Government Children's Home, Ooty. Kit bags containing sanitary pads and multivitamins were distributed to the participants.





## **MEDICAL CAMP FOR TRIBAL PEOPLE**

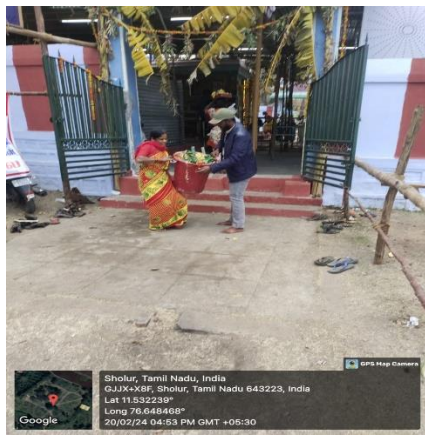
The TIFAC CORE in HD, Department of Pharmacognosy and Phytopharmacy & Department of Pharmacy Practice of JSS College of Pharmacy, Ooty in association with Indian Pharmaceutical Association Nilgiris Local Branch and 'For the People' an NGO jointly organized a free Medical Camp for tribal people 24.09.2023 at Chinchona Village in Doddabeta Panchayat of the Nilgiris District. Two doctors namely Dr. Bhavesh, MBBS., MD., and Dr. J Subramani, MD serving in the Government Hospital & Primary Health Centre respectively diagnosed the patients and given medical advice followed by further follow up at higher healthcare centres as required. Simple diagnostic tests viz. Blood Pressure, Random Blood Sugar, Hemoglobin, etc. were performed for the patients. Free medicines for the minor ailments were also dispensed. About 50 patients including pediatrics were benefitted by this camp. The patients were also counselled by the PharmD interns about the medications, diseases and life style modifications as appropriate. Also, the patients contact details were collected for the follow-up actions.



**Medical examining by the doctor Dr. J Subramani, MD Government Hospital & Primary Health Centre, Coonoor**

**Glimpses of medical camp**

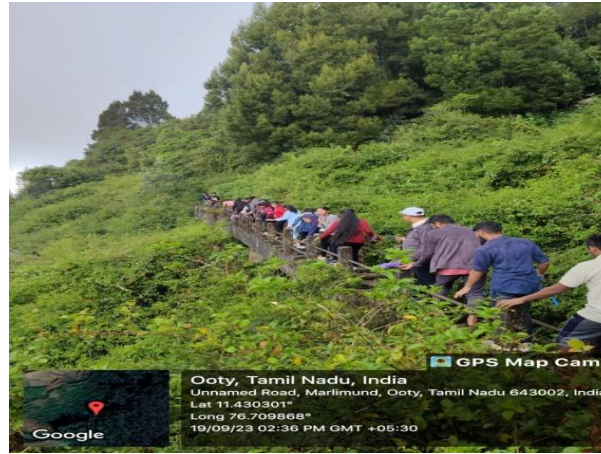
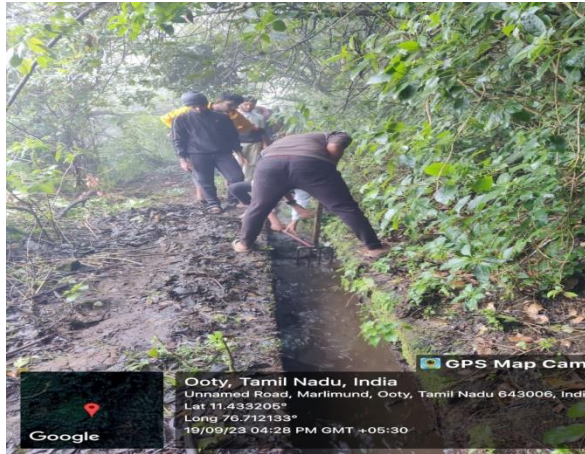
The NSS volunteers participated in removal of plastics to preserve the biosphere of the forest and protect the animals from contamination at Bokapuram temple, Masinagudi village



**Water channel cleaning ensuring safe water for all.**

NSS JSSCPO carried out a water channel cleaning at Marlimund Bowta forest dam which is one of the source of drinking water supply to the ooty town from Khandal, Fingerpost, Thalikulundha, Churchill and many village's around the forest area. The activity was carried out jointly with Ooty Municipal department Mr.Shanker Assistant Engineer had Co ordinated the activity. This is 3 kilometres stretch channel where the water starts from bowta forest top hill and with the help of the channel the water is taken to Marlimund dam.The NSS volunteers from 3rd B.Pharmacy about 40 students 28 boys and 12 girls and NSSPO Dr.B.Babu participated in the activity .The activity was beneficent to the local community of the region for providing drinking water source.





Glimpses of water channel cleaning

## 5. Details on students receiving Financial aid and Scholarships

Sl. No.	Year of Admission	Registration/Enrollment No. of the student in your institution	Name of the Student	State	Mobile Number	Category (SC /ST /OBC or Economically Backward)	Name of the Program	Level	Source (Institute Fund/ Government/ Private Bodies)	Total fees of the program	Amount of tuition fee out of the total fee of the programme	Scheme
1	2022-23	22D01041	Minkar Gamlin	Arunachal Pradesh	8731003543	ST	BDS	UG	Government	470400	450000	National Scholarship Portal
2	2022-23	22D01065	Sobiya Shariff	Karnataka	9019481413	OBC	BDS	UG	Government	470400	450000	National Scholarship Portal
3	2022-23	22D01040	Meghana B V	Karnataka	8951726739	OBC	BDS	UG	Government	470400	450000	Portal
4	2022-23	22D01049	Prathap K	Karnataka	6362127370	OBC	BDS	UG	Government	470400	450000	Portal
5	2022-23	22D01039	Madhura C	Karnataka	9945105243	OBC	BDS	UG	Private	470400	450000	Shree Kshetra Dharmasthala gramabrudhi yojana B C trust
6	2022-23	22D01067	Spoorthy G S	Karnataka	9902249444	OBC	BDS	UG	Private	470400	450000	Shree Kshetra Dharmasthala gramabrudhi yojana B C trust (R), Dharmasthala

### Postgraduates-Private Scholarships

Sl. No.	Year of Admission	Registration / Enrollment No. of the student in your institution	Name of the Student	State	Name of the Program	Level	Source (Institute Fund/ Government / Private Bodies)	Total fees of the program	Amount of tuition fee out of the total fee of the programme	Scheme
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1	2022-23	22D03104	Muskan Gupta	Haryana	MDS	PG	Private	932650	900000	Tata Trust
2	2022-23	22D03102	Dakshina	Tamilnadu	MDS	PG	Private	401726	372576	Tata Trust
3	2022-23	22D05105	Supreeth S gowda	Karnataka	MDS	PG	Private	932650	900000	Tata Trust
4	2022-23	22D05102	Gaddameedi Sai	Telangana	MDS	PG	Private	932650	900000	Tata Trust
5	2022-23	22D05104	Rachana S N	Karnataka	MDS	PG	Private	932650	900000	Tata Trust
6	2022-23	22D05101	Oswin Fernandes	Maharashtra	MDS	PG	Private	932650	900000	Tata Trust
7	2022-23	22D05103	Kotha Ajay Utkarsh	Andhrapradesh	MDS	PG	Private	932650	900000	Tata Trust

**1.2. Proportion of students receiving financial aid to attend College & University because of poverty  
Activities:**

Research scholars, UG and PG students are motivated to take part in fellowship program which helps in collaborating with other institution/agencies and cooperating with one another to bring out the best in everyone, resulting in richer cumulative learning and thereby improves the literacy rate

**Table no 1. Total Number of students in the institution (2023-24)**

<b>Sl. No.</b>	<b>CLASS</b>	<b>TOTAL</b>
1	I D Pharm	<b>68</b>
2	II D Pharm	<b>83</b>
3	I B Pharm	<b>98</b>
4	II B Pharm	<b>112</b>
5	III B Pharm	<b>104</b>
6	IV B Pharm	<b>107</b>
7	I Pharm D	<b>30</b>
8	II Pharm D	<b>30</b>
9	III Pharm D	<b>32</b>
10	IV Pharm D	<b>39</b>
11	V Pharm D	<b>36</b>
12	VI Pharm D	<b>37</b>
13	I M Pharm	<b>122</b>



14	II M Pharm	113
15	Residence Program	5
<b>Total</b>		<b>1016</b>

**Table no 2. Project sanctioned from external funding agency**

Sl. No	Sanctioned month, year & Duration	Title of the Project	PI	Department	Funding Agency	Amount (Rs. in Lakhs)
1.	03 years	Suppression of breast cancer (Aurora Protein) by Novel Purine derivatives: In Silico design, Synthesis & biochemical estimation	Dr. Dithu Thekkekkara	Pharmacology	DST SERB-POWER GRANT	30.00
2.	03 years	Design Evaluation and optimization of Novel Oral Drug Delivery system for Treatment of leishmaniasis- Targeting M-cells in peyer's Patch	Dr. Shailesh T	Pharmaceutics	ICMR, New Delhi	30.1
3.	03 years	Finding Novel Cost effective Process and formulation of RISDIPLAM to treat spinal Muscular Atrophy	Dr H Yogish Kumar	Pharmaceutical Chemistry	DST-TDT, New Delhi	39.99
4.		Therapeutic targeting of cervical cancer using engineered exosomes, trageting cervical caner metastasis in the 3D and in vivo environment	Dr. Ram Mohan Ram Kumar	Biotechnology	Regional Center for Biotechnolgy, New Delhi	21.17

**Table 3. The following students have been awarded for ADP Scholarship**

**for the year 2023 – 24**

<b>Sl. No.</b>	<b>Name of the Student</b>	<b>Year of Studying</b>	<b>Discipline/ Specialization</b>	<b>Scholarship Awarded In INR</b>
1.	Deekshitha G	I Year	B Pharm	2,15,000.00
2.	Gangothri N	I Year	B Pharm	2,15,000.00
3.	Sathwika N K	II Year	B Pharm	2,00,000.00
4.	Spoorthi C S	II Year	B Pharm	2,00,000.00
5.	Yash Jain	II Year	B Pharm	2,00,000.00
6.	Sanmitha S Poojary	III Year	B Pharm	2,00,000.00
7.	Anusha J	III Year	B Pharm	2,00,000.00
8.	Amith K P	III Year	B Pharm	2,00,000.00
9.	Prathima M S	IV Year	B Pharm	1,50,000.00
10.	Harshitha C M	IV Year	B Pharm	1,50,000.00

**Table.no 4. The list of students graduated from the lower income family**

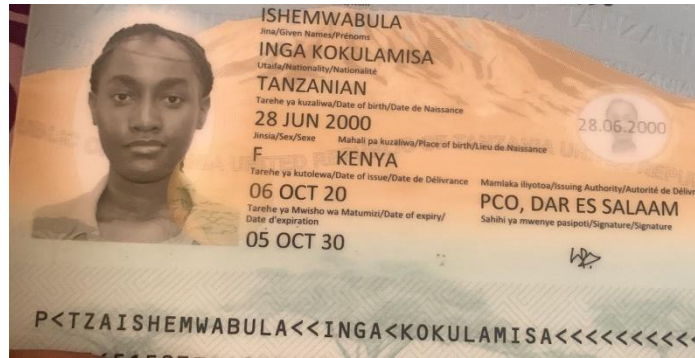
<b>Sl.no</b>	<b>Name As Given in Class SSLC/10th Certificate)</b>
1	Prathima M S
2	Harshitha C M

**Table no. 5. Scholarships-2023-24**

<b>Name</b>	<b>Amount</b>	<b>No of Students</b>
Abbhi Daan Punya Scholarship	19,30,000	10
<b>Total Rs.</b>	<b>19,30,000</b>	

**Table no.6 List of students from middle income countries**

<b>Sl.NO</b>	<b>Name of the students</b>	<b>Nationality</b>	<b>Course</b>
1.	Tuyishime Heri Ntoke	Tanzanian	B.Pharm
2.	Inga Ishwebula	South Sudan	B.Pharm



VISA of student

## 6. Outreach activities supporting to SDG 1 Camps & NSS Activities

### Free health check-up camps to cater the health needs of the poor poverty

EVENT	DATE	PLACE	ORGANIZATION	NO. OF BENEFICIARIES
General Health Camp	11-07-2023	Kanti Mallanna Kalyana Mantap, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	366
8 <sup>th</sup> Mega Health Camp	23-07-2023	Saragur	JSS Hospital, Mysuru	470
Cancer Screening Camp,	26-07-2023	Ch.Nagar	JSS Hospital, Mysuru	250
9 <sup>th</sup> Mega General Health camp	13-08-2023	JSS Degree College, Gundlupet	JSS Hospital, Mysuru	378
General Health Camp	08-08-2023	Kanti Mallanna Kalyana Mantapa Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	403
9 <sup>th</sup> Mega General Health camp	27-08-2023	Saragur	JSS Hospital, Mysuru	320
10 <sup>th</sup> Mega General Health camp	10-09-2023	JSS Degree College, Gundlupet	JSS Hospital, Mysuru	504
General Health camp	12-09-2023	Kanti Mallanna Kalyana Mantapa, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	349
10 <sup>th</sup> Mega General Health camp	24-09-2023	Saragur	JSS Hospital, Mysuru	317
Health Camp held	28-09-2023	JSS Layout, 2nd Stage, Mysuru	JSS Hospital, Mysuru	186
Heart Health Awareness Camp	30-09-2023	Jain Bhavan Mysuru	JSS Hospital, Mysuru	130
Mega Health Camp,	02-10-2023	Ch.Nagar	JSS Hospital, Mysuru	1663
11 <sup>th</sup> Mega Health Camp,	08-10-2023	Gundlupet	JSS Hospital, Mysuru	447

<b>General Health Camp</b>	10-10-2022	Kanti Mallanna Kalyana Mantapa, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	323
<b>11<sup>th</sup> Mega Health Camp,</b>	29-10-2023	Saragur	JSS Hospital, Mysuru	406
<b>12<sup>th</sup> Mega Health Camp,</b>	19-11-2023	Gundlupet	JSS Hospital, Mysuru	256
<b>General Health Camp</b>	21-11-2023	Kanti Mallanna Kalyana Mantapa, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	330
<b>13<sup>th</sup> Mega Health Camp</b>	09-12-2023	Gundlupet	JSS Hospital, Mysuru	558
<b>General Health Camp</b>	12-12-2023	Kanti Mallanna Kalyana Mantap, Mysuru	JSS Hospital, Mysuru NJS Charitable Trust, Mysuru	376
<b>13<sup>th</sup> Mega Health Camp</b>	08-01-2024	Saragur	JSS Hospital, Mysuru	700
<b>General Health Camp</b>	09-01-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust, Mysuru	435
<b>General Health Camp</b>	29-01-2024	Kanti Mallanna Kalyana Mantap, Mysuru	JSS Hospital, Mysuru	300
<b>General Health Camp</b>	13-02-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	445
<b>Health Camp,</b>	18-02-2024	Sankalp Central Park, Yadavgi	JSS Hospital, Mysuru	200
<b>General Health Camp</b>	12-03-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	372
<b>General Health Camp</b>	31-03-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	150
<b>General Health Camp</b>	02-04-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	150
<b>General Health Camp</b>	22-05-2024	KR Nagar	JSS Hospital, Mysuru	250
<b>Geriatric Health Camp</b>	26-05-2024	Ooty	JSS Hospital, Mysuru	100
<b>General Health Camp</b>	07-06-2024	Nanjangud	JSS Hospital, Mysuru	682
<b>General Health Camp</b>	11-06-2024	Kanti Mallanna Kalyana Mantap, Mysuru	NJS Charitable Trust® Mysuru	210

## CAMP PHOTOS













**NSS Tribal Village Visit**





On 6.10.2023, the students of JSS Medical College, JSS Dental College, JSS College of Pharmacy, JSS School of Life Sciences and Department of Health System Management Studies conducted series of activities on the eve of NSS Day celebrations came all together to serve the Tribal Community School at “ASHRAMA VASATHI SHALE” Govt. school, Nerale Kuppe, Hunsur Taluk, Mysuru Tq. The programme was inaugurated by Dr. Pramod Kumar TM, Principal, JSS College of Pharmacy who addressed the gathering. Ms. Prabha Urs, tribal welfare officer addressed the students by underscoring the importance of tribal welfare. At the end of the inaugural ceremony, the gathering was addressed by Ms. Girija, a woman from the tribal community and caretaker of the school, who spoke in Kannada and sang a song about the dangers of deforestation.

The activities involved nutrition awareness by showing various types of millets including grains, cereals, pulses, etc. They stressing their nutritional importance, deficiency disorders, and effective cultivation of each. Later health check-up was conducted on the volunteers who came forward to undergo the basic health check-up. Students checked their Blood Pressure, Blood Glucose levels, and BMI and they were offered an oral checkup by the dental team from JSS college of dental sciences. Later the students were addressed by Dr Ravisha, the WHO surveillance officer of the tribal region. They sensitized about various government schemes that these children fall under. They encouraged the volunteers thorough brainstorming ideas and come up with new initiatives to help and spread awareness about health and its awareness among the tribal population in the area.

Students distributed some sports equipment to the kids; like Cricket bats, Volleyball, Football, Badminton Rackets, Carrom boards, Chess Boards, and a few other games. The day ended with visit to tribal houses in their ‘Hamlets’.

**WALKATHON : Unity of Humanity through Science and Spirituality**  
- Scope Foundation

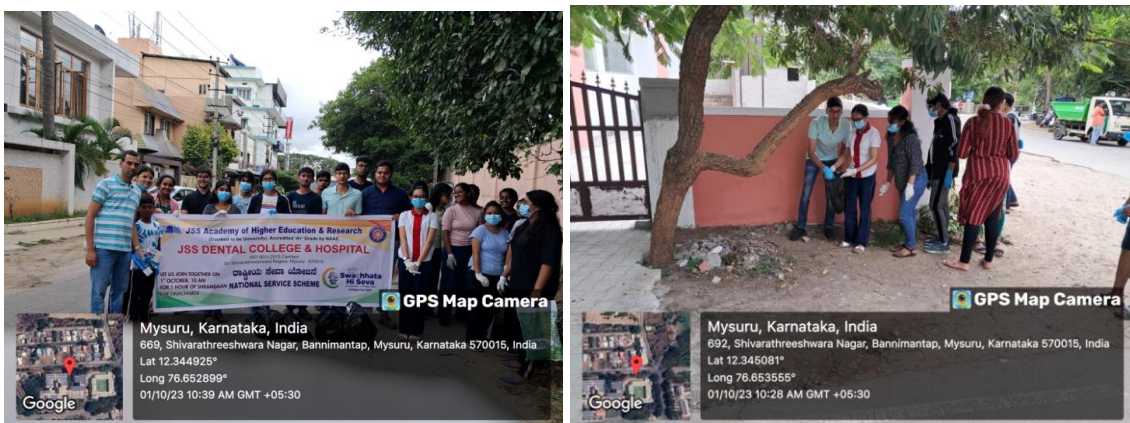


As a part of NSS Day Celebrations **WALKATHON 2023** was conducted by **JASS AHER and its constituent colleges. Programme was conducted under the aegis of “Scope Foundation”** U.S. Scope Foundation’s primary goal is to serve humanity at the physical, educational, and spiritual levels without any barriers. Humanity has been divided in numerous ways, thus making us forget our roots, that we are all children of mother earth. Humanity spends more energy and resources to stay divided. Scope Foundation is envisioning to bring a sense of unity through the science of spirituality and by bringing awareness of Mother Earth’s universal energy.

The NSS student volunteers from JSS Dental College, came together on the 29.10.2023 for the event. Students were introduced to and greeted by the officials responsible for organizing the event. His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji inaugurated and blessed the occasion. The queen of Mysuru Smt. Trishikha Kumari Wadiyar presided over the function.

The walkathon started from the Kote Anjaneya swamy Temple in front of Mysore Palace and students took a full circle around the palace. Students displayed banners of four respective colleges. To create public awareness, students raised slogans regarding the protection of earth against global warming. The WALKATHON was not just for students but there were also involved many volunteer citizens from Mysore City. All the students expressed their heartfelt gratitude to the foundation for giving us the opportunity to be a part of such a prestigious event.

**Swachhata Hi Seva: "Cleanliness is next to Godliness,"- John Wesley**



“Swachh Bharat Abhiyan” was conducted to disseminate the importance of a “Sampoorna Swachh Bharath, to reinforce the concept of sanitation as everyone’s business. To prelude



“Swachh Seva” activities, many students and faculty volunteers from JSS Academy of Higher Education and Research, Mysuru conducted cleanliness activities on 1.10.2023.

The program involved the Commissioner, Deputy Mayor and Regional corporator of Mysuru city corporation who actively took part and supported the whole event. The program was started with the felicitation of the corporation authorities by Dr. Praveen Kulkarni. Vice-Principal, JSS Medical College, Dr Krishna K.L., NSS programme officer, JSS AHER College Mysuru.

Dr. Praveen Kulkarni passed the initial remarks about the importance of cleanliness in the health professions by reiterating the significance of the prevention of various communicable and non-communicable diseases. Subsequently, the formal inauguration of the cleanliness drive was marked by the Deputy Mayor by initiating the cleaning activities at the entrance of JSS AHER. Twenty-five NSS volunteers from JSSDCH and NSS program officer actively participated in the event and cleaned the streets and parks by plogging various degradable and non-degradable substances in areas coming under the jurisdiction of Sri Shivarathreshwara Nagara.

### **Dental Camp**

NSS-JSS organized dental camp on 12-03-2024 at Kante Mallanna Choultry. Team of doctors and interns under the guidance of Dr. Thippeswamy HM, (HOD, Dept. of Public Health Dentistry) from JSS Dental College & Hospital participated in the camp. A total of 61 patients benefitted from the camp, out of which 22 patients received treatment on the spot. Seven scalings, eleven restorations and four extractions were done. Oral hygiene instructions and oral health education was given.

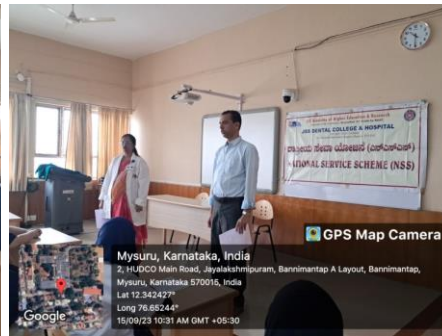
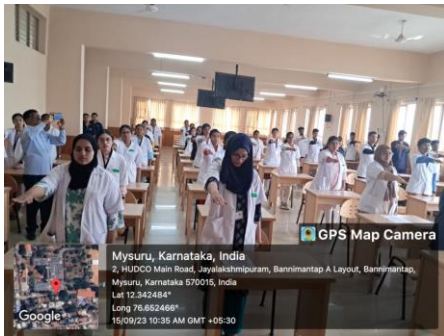




Oral hygiene kits were distributed to the free residential school children of Suttur and a monitored oral rinsing program was also done for 2 weeks to improve the oral health of these children. The program was led by Dr Chanchala H P under the guidance of Dr B Nandlal and Dr Raghavendra Shanbhog, HOD, Dept. of Pediatric & Preventive Dentistry and Mr Mahendra, Oral Hygienist who played a key role in monitored oral rinsing program.

## **Day Celebrations**

### **Constitution day**



Mass reading of the preamble to the constitution was organized by NSS Unit, JSS Dental College and Hospital on 15.9.2023, giving publicity and creating awareness to the undergraduate students. Dr. Dhakshaini M R, Principal graced this occasion by reading the preamble to the constitution for all the students and also the web link was given for reading and to download the Certificate from Govt. of India.

### **NSS Day**



NSS Day is a remarkable occasion, celebrated each year on 24<sup>th</sup> September. It's a day when we honor the National Service Scheme, a government initiative in India. This special day reminds us of the importance of community service. Through NSS, students contribute to society, learn valuable lessons, and grow as individuals.

JSS Dental college, Mysuru, conducted an Art competition on the 9.10.2023 in regards with the NSS day celebration. The topic of the competition was - 'SUSTAINABILITY-'"When

THEY run out, you'll be without it". There is total of 8 participants from all of the faculty departments of JSS Dental College & Hospital, JSS College of Pharmacy etc.

The first prize was bagged by Ms. Abhilasha Mohanta 3<sup>rd</sup> year student of JSS College of pharmacy. The first runner up was Dr. Gokul Nagannagari, intern, third prize was given to Dr Poornima Prakash, Intern, of JSS Dental College & Hospital.

### **NSS Annual camp which was held from 26/02/2024 to 03/03/2024 at Hosahalli, Srirangapatna Taluk, Mandya district.**

NSS Annual camp began at Hosahalli village, Mandya district on **26/02/2024**. This camp was organised by the NSS unit of JSS Dental College and Hospital under the guidance of the NSS Programme Officer, **Dr. Thippeswamy H.M.** The inauguration was held in the government school at 10:00AM. The program was presided by our beloved Principal **Dr. Dhakshaini M.R., Dr. Anushree S.M.**, Administrator, JSS Dental college and Hospital and **Mr. S.R. Sathish Chandra** Administrator, JSS Medical college and hospital, **Gram Panchayat President and Members. Dr. Thippeswamy H.M.** addressed the villagers to participate actively in large numbers in all camp activities to reap the most benefits.

The camp was scheduled to be conducted from 26/02/2024 to 03/03/2024. On the **26/02/2024** the camp was held at Government School in **Hosahalli, Mandya district**. The screening was done by Interns and PG's present in the NSS team in the government school premises and free dental treatment was done in the mobile dental van by post graduates and house surgeons.

On **27/02/2024**, the NSS Annual Camp was held in **Hosahalli, Mandya district**. Dental screening and treatment were carried out among villagers and the government school children. Oral hygiene instructions and importance of tobacco cessation was imparted by a few volunteers from JSS Dental College by meeting the villagers individually at their houses.

On **28/02/2024**, the NSS camp was conducted in the **Government school, Mogarahalli, Mandya district**. Alongside the dental treatment, free medical tests like **blood sugar, blood pressure and electrocardiogram** were also performed by the volunteers of **JSS Medical College and Hospital**.

On **29/02/2024**, the camp took place at **Government School of Karekura village, Mandya district**. Dental screening and free dental procedures (i.e., scaling, filling, extraction) and general health check-up (including Paediatrician and Orthopaedecian) were provided to all the children and the people of Karekura.

On **01/03/2024** NSS camp was held at **Vishveshwaraiah Kalamandira in Palahalli village, Mandya district**. All the government school children underwent screening and dental treatments were provided by the House surgeons.

On **02/03/2024** was the last day of the camp, Valedictory function was organised at **Government school, Palahalli village, Mandya district**. Large number villagers including students at primary school underwent dental screening and free treatment. The chief guest of valedictory function, Sri. R Ravi, **Gram Panchayat Member** addressed the gram panchayat members and people. In total, 754 people were screened for oral health and treatments for 206 patients were done in our Mobile dental van. Along with this we have provided environmental awareness, oral health awareness, medical screening for diseases such as diabetes, blood pressure, gynaecologist, orthopaedic etc. Nss volunteers visited each and every class and



provided oral health awareness with pictorial depictions using charts to the children. The children and gram panchayat members were content that we chose their village for the camp this year as majority of the residents were benefitted. Free medications such as antibiotics, pain killers were provided after treatments such as extraction. To promote oral hygiene mouth washes were distributed for free after oral prophylaxis.

**No tobacco day:-**



On the occasion of no tobacco day May 30<sup>th</sup> workshop was conducted in hybrid mode. Total of 224 participants took part in the workshop. Two guest lecturers were conducted the workshop. Both undergraduate, postgraduate and staff were took part in the program. Overall the program was beneficial and event was successful.



**Blood donors day :-**



On the occasion of blood donors day JSSAHERNSS organised blood donation camp in JSS pharmacy college auditorium. All the constituent colleges undergraduate students, house surgeons and postgraduated students were donated the blood. In the same program created the awareness regarding the importance of blood donation. Overall the program was successful.

**International Yoga day :-**



On 21<sup>st</sup> June 2024 there were total 31 members participated in the international yoga day which is conducted by AYUSH department from the central government in association with Karnataka state government and district administration Mysore. All the members actively participated in the program. This event commenced at 5 am and ended at 8 am. Please find the photos for your perusal.

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

#### **Health screening camp**



As a part of the NSS Unit of JSS College of Pharmacy, Mysuru Organized health screening camp at Taripura villagen Sri Rangapatna Taluk Mandya district.

**Street Play** was held on 4th March 2024 in Taripura village in Sri Rangapatna Taluk Mandya district.

The NSS Unit, JSS College of Pharmacy, Mysuru organized a street play on **SDG-1 No Poverty**. The street play portrayed a poor village family, who aspires to educate their children, but due to financial constraints they are unable to educate and feed them, despite the hardships they put their children’s needs above theirs and secure their children’s future by making sure they receive education.





**STUMAG** Articles educating about poverty and strategies to overcome them were displayed by the students in Student Magazine as part of **SDG-1 No Poverty**.

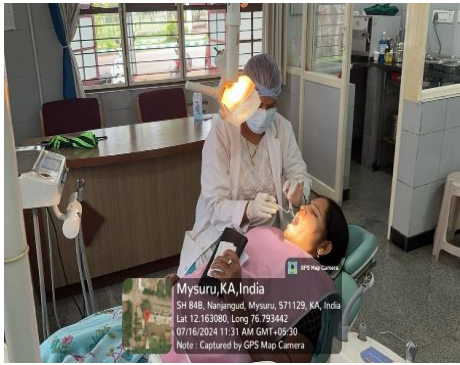


**Free dental treatment for children of JSS free residential school, Suttur at Sattelite Dental Health Centre, Suttur**



**Dental treatment at concessional cost to the residents of Suttur Village**





## **7. Scientific Research Project Details Aligning to SDG 1**

<b>Sl. No</b>	<b>Sanctioned month, year &amp; Duration</b>	<b>Title of the Project</b>	<b>PI</b>	<b>Department/ College</b>	<b>Funding Agency</b>	<b>Amount (Rs. in Lakhs)</b>
1.	03 years	Suppression of breast cancer (Aurora Protein) by Novel Purine derivatives: In Silico design, Synthesis & biochemical estimation	Dr. Dithu Thekkekara	Pharmacology	DST SERB-POWER GRANT	30.00
2.	03 years	Design Evaluation and optimization of Novel Oral Drug Delivery system for Treatment of leishmaniasis-Targeting M-cells in peyer's Patch	Dr. Shailesh T	Pharmaceutics	ICMR, New Delhi	30.1
3.	03 years	Finding Novel Cost effective Process and formulation of RISDIPLAM to treat spinal Muscular Atrophy	Dr H Yogish Kumar	Pharmaceutica l Chemistry	DST-TDT, New Delhi	39.99
4.	03 years	Therapeutic targeting of cervical cancer using engineered exosomes, trageting cervical caner metastasis in the 3D and in vivo environment	Dr. Ram Mohan Ram Kumar	Biotechnology	Regional Center for Biotechnol ogy, New Delhi	21.17
5.	01 Year	Developing a low-cost protocol for screening the newborns for spinal muscular atrophy using dried blood spots	Anju S Dr. Prashant V	JSSMC, Mysuru	JSSAHE R	-
6.	01 Year	Cost of illness and Diabetes-Specific Quality of Life among Type 1 Diabetic adolescents in Mysore District	Madhu B Dr Sulochana	JSSMC, Mysuru	Mamta HMIC, NewDelh i	-
7.	01 Year	Economic cost effectiveness of FRAX based osteoporosis	Dr. Lakshmi Nagendra	Endocrinology , JSSMC, Mysuru	JSSAHE R	-

		treatment thresholds for India				
8.	2 Yrs.	In vitro and In vivo assessment of the therapeutic potential of simarouba glance leaf extract for the treatment of oral squamous cell carcinoma (OSCC)	<b>Principal Investigator:</b> Dr Sushma R Lecturer <b>CO-PI</b> Dr Subbarao, JSSMC Dr Nagabhushan D Dr Sreeshyla H S	Dept. of Public Health Dentistry	ICMR	85.40513  Equipment Rs.27.00
9.	3 Yrs.	Effectiveness of comprehensive oral health care services in improving the oral health status, oral health related quality of life and nutritional status among geriatric population residing at old age homes of Mysuru district – A prospective study.	<b>Principal Investigator:</b> Dr Chandrashekar B R Prof. & HOD  <b>CO-PI</b> Dr Sowmya S, JSSDCH Dr Suma S, JSSDCH Dr Vanitha Reddy P, FLS	Dept. of Public Health Dentistry	ICMR	45.54295
10.		Evaluation of efficacy and safety of aceclofenac + Paracetamol + Serratiopeptidase combination after impacted lower third molar surgery; A randomized, double blind comparison with aceclofenac+paracetamol combination	<b>Principal Investigator:</b> Dr Sathish R Professor,	Dept. of Oral Surgery	IPCA lab, Mumbai	7.83



11.	2 Yrs.	Evaluation of red complex bacteria in geriatric denture wearers-aclinico-microbiological study	<b>Principal Investigator:</b> Ms. Pavithra T Cauvery  <b>Co-PI:</b> Dr Meenakshi S Lecturer, JSSDCH	College of Life Sciences, Mysuru	RGUHS	2.00  No equipment
12.	3 Yrs.	Development and application of antimycotic self gelling probiotic powder targeting candida albicans infections in geriatric denture wearers and oroantral communication patients	<b>Principal Investigator:</b> Dr Ramith Ramu JSSAHER <b>Co-PI:</b> Dr Meenakshi S Lecturer	Prosthodontics, JSSAHER	ICMR	42.00  Equipment Rs.10.00
13.	12 Months	Ag-ZnO nanogel: A novel promising approach for photocatalytic antimicrobial therapy	<b>Principal Investigator</b> Dr Pandareesh M D Asst. Prof. Adichunchanagiri University B G Nagara  <b>Co-PI</b> Dr Shyam Sundar S Reader	Dept. of Oral Surgery	DST Nidhi Prayaas Scheme by SJCE STEP	9.50
14.	6 Months	Comparison of efficacy of a non alcoholic botanical mouth rinse with chlorehexidine gluconite mouth rinse in the treatment of gingivitis. A clinical and microbiological study	<b>Principal Investigator:</b> Dr Prathibha Shashikumar	Dept. of Periodontology	Group Pharmaceuticals Ltd., B'lore	1.71092

			Reader <b>Co-PI:</b> Dr Neetha S Murthy			
15.	6 Months	Evaluation of Oralife- A botanical non alcoholic oral rinse (BOR) on S Mutans in children	<b>Principal Investigator:</b> Dr Chanchala H P Lecturer  <b>Co-PI:</b> Dr B Nandlal Dr Raghavendra Shanbhog Dept. of Pediatrics & Preventive Dentistry	Dept. Of Pediatric & Preventive Dentistry	Group Pharmaceuticals Ltd., B'lore	1.84
16.	2 Yrs.	Artificial intelligence based algorithm to assess and predict changes with myofunctional appliances in class II malocclusion patients	<b>Principal Investigator</b> Dr Rochana Mahesh PG Student  <b>Guide:</b> Dr Suma S Reader	Dept. of Orthodontics	ICMR	1.00
17.	2 Mon.	Comparative assessment of salivary pH, Sialic acid concentration and antioxidant status between children with and with type 1 diabetes mellitus	<b>Principal Investigator</b> Dr Shruti Sandip Shukla		ISPPD	0.10
18.	2 Mon.	Comparative evaluation of oral and dental health status among patients with and without gastro esophageal reflux disease (GERD) – A hospital-based study	<b>Principal Investigator</b> Ms. Mariyam Sadaf UG Student	Dept. Public Health Dentistry	ICMR STS-2023	0.50

			<b>Guide:</b> Dr Sushma R Lecturer			
19.	3 years	Development of siRNA and CAR-T Cell loaded PLGA for targeting neuroblastoma	PI: Dr. Vishal Kumar Gupta CO-PI: Dr Trideva Satri K Dr Jumana Bai	College of Life Sciences, Mysuru	ICMR Investiga tor initiated intermed iate grant 21/03/2024	223.62
20.	1 year	Understanding and Addressing the Surge of HIV among MSM Communities: A Mixed Method Approach Combining Qualitative Study and an Educational Intervention to Address HIV Epidemic in Mysuru's Educational Hotspots.	Dr Balamurali dhara	College of Life Sciences, Mysuru College of Life Sciences, Mysuru	ICMR Investigat or- Short Project 15/03/2024	43.00
21.	3 years	Design and Development of Hit Purine Derivatives as Aurka Kinase A Inhibitors in Breast Cancer	Dr. Anand Kumar Tengli	College of Life Sciences, Mysuru	ICMR Extramu ral Grant / 15/03/2024	39.18
22.	3 years	Assessment of the safety and efficacy for the enhanced anti-diabetic activity of single isomeric form of sitagliptin, pioglitazone, and rosiglitazone	Dr. B M Gurupad ayya	College of Life Sciences, Mysuru	ICMR Extramu ral Grant/ 15/03/20 24	35.67
23.	3 years	Pterocarposide and Rosmarinic Acid as Dual PPAR Agonists for the Treatment Diabetes Mellitus: Computational Design, Simulations, Isolation, Analysis and Pharmacological evaluation	Dr. B R Prashant ha Kumar	College of Life Sciences, Mysuru	ICMR EMR SMALL GRANT S/ 12/03/20 24	44.00



24.	3 years	Identification of potential biomarker for screening and improved therapeutic strategies for managing Duchenne Muscular Dystrophy (DMD)	Dr. H Yogish Kumar,	College of Life Sciences, Mysuru	ICMR Intermediate Grant/ 21/03/2024	29.30
25.	2 years	Discovery of novel therapeutics for breast cancer: Molecular Design, Semisynthesis, EGFR/HER2 inhibition and in silico evaluation of derivatives of $\gamma$ -oryzanol	Dr. B R Prashantha Kumar	College of Life Sciences, Mysuru	DST Asean 24/06/2024	38.00
26.	2 years	Pivot care – Smart dynamic bedsores prevention mattress	Dr. Sri Harsha Chalasani	College of Life Sciences, Mysuru	DST Nidhi Prayas Year 08/01/2024	30.00
27.	2 years	Leveraging artificial intelligence and data science techniques in harmonizing, sharing, accessing and analyzing data with federated network to reduce the burden of Infectious diseases and AMR in India	Chief Project Manager: Dr Prashanth Vishwanath Project Manager: Dr Vikram Patil Members: Dr S Chandan Dr Deepa Rajashekar Dr Sri Harsha Chalasani Dr Ramith Ramu Dr Archer Ann	College of Life Sciences, Mysuru	Applied from JSSAHE R for Ministry of Education 14/01/2024	186.00

28.	3 years	Evaluation of the pathophysiology of the Cachexia Tuberculosis: animal model development., identification of clinical biomarkers and role of the lung microbiome	Principal Investigators: Dr. Mahesh P A	College of Life Sciences, Mysuru	BIRAC 31/01/2024	122.00
29.	3 years	Assessment of Infections among Older Adult and Elderly Population of Mysuru City	PI: Dr.Jaidev Kumar COPI: Dr. N. Parmakrishnanan	College of Life Sciences, Mysuru	ICMR 25/02/2024	166.00
30.	3 years	Extramural Ad-Hoc Research Proposal for Study in the area of Sports Injuries	Dr Suresh Joghee & CoPI- Dr Logesh,	College of Life Sciences, Mysuru	ICMR 12/03/2024	36.85
31.	3 years	Utilizing Herbal remedies for the treatment breast cancer	Dr K. Mruthunjaya & CoPI- Dr. S.N. Manjula	College of Life Sciences, Mysuru	ICMR 14/03/2024	42.13
32.	3 years	Longitudinal Multi-level Assessment of Gut-Brain Axis in Chronic Hypertension-Associated Cerebral Small Vessel Disease: A Clinical and Preclinical Investigation	Multi-Institutional Dr. Saravana Babu (JSSCPM) Dr Bikash Medhi (PGIMER) Dr Sunil Narayanan (JIPMER)	JSSCPM	ICMR 22/03/2024	(172) 400.00
33.	3 years	An investigation on the effects of $\beta$ -amyrin and its combination with metformin in the management of diabetic nephropathy; Targeting Endoplasmic Reticulum stress pathway	Dr K L Krishna	College of Life Sciences, Mysuru	ICMR 14/03/2024	34.50

34.	3 years	Design and Development of Hit Purine Derivatives as Aurka Kinase A Inhibitors in Breast Cancer	Dr Dithu Thekkekkara	College of Life Sciences, Mysuru	ICMR 14/03/2024	39.00
35.	3 years	Pterocarposide and Rosmarinic Acid as Dual PPAR Agonists for the Treatment Diabetes Mellitus: Computational Design, Simulations, Isolation, Analysis and Pharmacological evaluation	Dr. Nagashree K S	College of Life Sciences, Mysuru	ICMR EMR Small Grants 12/03/20 24	44.00
36.	3 years	Therapeutic Potential of Novel Pyridine-Based Chalcone PDE4B Inhibitors in Alzheimer's Disease via Autophagy	Dithu Thekkekkara	College of Life Sciences, Mysuru	CSRI- DST 15/06/2024	36.00
37.	2 years	Preclinical Investigation of anticancer potential of Syzygium Cumini and S. Jambolanum	Dr. S.N. Manjula	College of Life Sciences, Mysuru	VGST KFIST 21/06/2024	20.00

**Table no.2 Candidates receiving Seed Grant from JSSAHER**

Sl. No.	Title of the Project	Name of the Student	Amount (in lakhs)	Sanctioning agency
1.	Design, Synthesis, Analysis, Evaluation of Cytotoxicity Against Mcf-7 Breast Cancer Cells And EGFR, Her2 Inhibition Studies On Novel Biginelli Dihydroprimidines	Mr. Achal Yawalkar	0.25	JSS AHER
2.	Isatin Hybrid Chalcones: Dual-Target Inhibitors with Natural Molecule Pharmacophores” - Design, Synthesis, Characterization, and Evaluation.	Ms. Abhimanyu Awasthi	0.25	JSS AHER
3.	Design, synthesis, and evaluation of new triazoles as anti-tubercular agents	Mrs. Manisha Singh	0.25	JSS AHER
4.	Molecular mechanism of Antiangiogenic Activity of Hemidesmus Indicus	Ms. Mayuri	0.25	JSS AHER



5.	Formulation and Evaluation of Antimicrobial Oral Spray using lotus (Nelumbo nucifera) and betel leaves (Piper betel L.)	Ms. Lalhmunsiami	0.25	JSS AHER
6.	Formulation and evaluation of intranasal liposomes to treat behavioral disorder	Ms. Aditi Dash	0.25	JSS AHER
7.	Development of Memantine loaded nanostructure lipid carrier for the management of Alzheimers disease.	Ms Ritama Bhar	0.25	JSS AHER
8.	Protective effect Chrysin against Paclitaxel associated nephrotoxicity and hepatotoxicity in Breast Cancer mouse model	Ms S M Prakruthi	0.25	JSS AHER
9.	Evaluation role of 2'- fucosyllactose on sleep apnea-induced cognitive and biochemical alterations in a mouse model	Ms Sneha G	0.25	JSS AHER
10.	Evaluation of protective effects of Bovine Colostrum against lipopolysaccharide induced intestinal mucosal and blood brain barrier dysfunction	Ms Reddi Sree R	0.25	JSS AHER
11.	Investigation of Ocimum sanctum protective effect against Diabetic Neuropathy induced by STZ and HFD in mouse model	Ms Divya D	0.25	JSS AHER
12.	Formulation and evaluation of Cyclophosphamide and Palbociclib embedded self-dissolving microneedle for breast cancer treatment	Ms Pruthvi R	0.25	JSS AHER
13.	Formulation, Evaluation, and assessment of toxicity anticancer drug-loaded silk fibroin nanoparticles for breast cancer.	Ms Rutuja Harishchandra Yadav	0.25	JSS AHER
14.	Nanocomposites based on Layered Double Hydroxide for Targeted delivery in Cancer Treatment	Ms Meghana T S	0.25	JSS AHER

15.	Quantifying Resveratrol and Cabazitaxel through Simultaneous Method Development and Validation in multidrug formulations by using RP-UFLC-DAD	Ms Saladula Hima	0.25	JSS AHER
16.	A Study on Combinational therapy in treating	Ms Archana S	0.25	JSS AHER
17.	To Evaluation of anti-alzheimers activity of chromenopyrazolone derivative in Drosophila(UAS & GS-GAL4)	Mr Rahul K R	0.25	JSS AHER
18.	Determination of tobacco specific nitrosamine impurity in filler and filter of different cigarette brands in India using LC/MS -a comparative study.	Mr Pattaluchetty P	0.25	JSS AHER
19.	In situ film forming polymeric solution for wound healing Using Plant based drug Turmeric	Mr Arpit Mishra	0.25	JSS AHER
20.	Graphite-based cream to treat antimicrobial infection	Mr Mahadeva Swamy S	0.25	JSS AHER
21.	Investigation of aphrodisiac properties of cordyceps militaris and Pharmacokinetic and pharmacodynamic interaction of sildenafil in presence and absence of Phloroglucinol in rats.	Mr Linga Gowtham	0.25	JSS AHER
22.	Evaluation of flavonoid Rich Extract of peanut shell (Arachis hypogaea) activity by Targeting Pancreatic Lipase to Combat Obesity in Rat Model	Mr Solanki Deepak Vinodkumar	0.25	JSS AHER
23.	Design and synthesis of pyrimidopyrimidine derivatives against Breast Cancer	Mr Atyam Sai Madhu Prasanth	0.25	JSS AHER
24.	Enhancing Tissue Penetration and Facilitating Wound Healing through Controlled Degradation of Sodium Alginate/Bioglass Hydrogel.	Mr Khater Abhishek	0.25	JSS AHER
25.	Formulation and Evaluation of Strontium Doped Nanohydroxyapatite Paste for	Mr Gokul S	0.25	JSS AHER

	Incipient Lesion			
26.	Design, Development and Evaluation of Nanoparticle loaded Intraarticular In-situ Gel for Rheumatoid Arthritis	Ms Debarati Kar	0.25	JSS AHER
27.	Synthesis, analysis, pharmacokinetic and pharmacological evaluation of Novel chiral 1,4-dihydropyrimidines	Ms Chiriki Devi Sri	0.25	JSS AHER
28.	Assessment of Anti-ulcer activity of Herbomineral formulation in rodent model	Ms Anjani Kumari	0.25	JSS AHER
29.	Tooth brush cleaning solution	Mr Akash S	0.25	JSS AHER
30.	Development of novel amantadine loaded nanostructured lipid carrier system for the management of Parkinson disease via nose to brain delivery	Mr Balabhadra Phani Vssk Bhaskar Vinay	0.25	JSS AHER
31.	Formulation and evaluation of celastrus paniculatus loaded nano particles for initial oral cancer	Mr Shivaprasad G D	0.25	JSS AHER
32.	Role of Omega 3 fatty acids in management of Chronic Unpredicted Mild Stress (CUMS) induced memory impairment in mice.	Ms Lenisha Ashlyn Sequeira	0.25	JSS AHER
33.	Intranasal drug delivery through surface-modified NLCs for the treatment of Parkinsons disease	Mr Abinesh M S	0.25	JSS AHER
34.	Role of Pyridoxine Vit B6 In The Management of Anxiety Like Behavior Induced by Chronic Restrained Stress Model In Mice.	Ms Mohini Yadav Milmile	0.25	JSS AHER

## **8. PUBLICATIONS/BOOKS/BOOK CHAPETER**

1. Jayasooriya S, Stolbrink M, Khoo EM, Sunte IT, Awuru JI, Cohen M, Lam DC, Spanevello A, Visca D, Centis R, Migliori GB. Clinical standards for the diagnosis and management of asthma in low-and middle-income countries. The International Journal of Tuberculosis and Lung Disease. 2023 Sep 1;27(9):658-67.

2. Mahesh PA, Kaleem Ullah M, Parthasarathi A. Allergic sensitization to foods in India and other Low–Middle-income countries. *Clinical & Experimental Allergy*. 2023 Jul;53(7):739-50.
3. Arunachala, S., Parthasarathi, A., Basavaraj, C.K., Kaleem Ullah, M., Chandran, S., Venkataraman, H., Vishwanath, P., Ganguly, K., Upadhyay, S. and Mahesh, P.A., 2023. The Validity of the ROX Index and APACHE II in Predicting Early, Late, and Non-Responses to Non-Invasive Ventilation in Patients with COVID-19 in a Low-Resource Setting. *Viruses*, 15(11), p.2231.
4. Sowmya Srinivas, Kishor Manohar Rao, Sushma R, R Sumukh Bharadwaj, Nagabhushana Doggalli, Vidya G Doddawad - Empathy and attitude towards geriatric patients among dental students in clinical settings: A descriptive study - Perioperative care and operating room management - Jun 2023: 32 ISSN: 2405-6030, National
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## **9. PATENTS ALIGNING TO SDG 1**

<b>Sl. No.</b>	<b>Title of Patent Awarded/ Filed</b>	<b>Patent /Design Application No.</b>	<b>Name of Inventors</b>	<b>College &amp; Department</b>	<b>Date of Award/ Filing/ Published</b>	<b>Status</b>
<b>1</b>	A herbal composition based on Extracts of salvia hispanica L. as a root canal irrigant.	2024410268 84	Dr Arundhati Banerjee <b>Dr Seema Deshmukh</b> Reader	Pediatric & Preventive Dentistry	19.4.2024	<b>Published</b> 19.4.2024  Filed 31.3.2024
<b>2</b>	Phosphorylated chitosan based cavity disinfection	2024410215 59	Dr Sreejeeta Dey <b>Dr Seema Deshmukh</b> Reader	Pediatric & Preventive Dentistry	29.3.2024	<b>Published</b>  Filed 21.3.2024
<b>3</b>	A device for maintaining oral hygiene in visually challenged subjects	2021410563 93	<b>Dr Nitin V Muralidhar</b> Reader Dr Priyanka Nitin, Lecturer, Oral Pathology Mr B. Vinodh Kumar, Vishli Innovations Private Limited, Ganapathy,	Dept. of Orthodontics & Dentofacial Orthopedics	10.12.2021	<b>Granted</b> <b>6.2.2024</b>  Published 10.12.2021  Filed 6.12.2021

			Coimbatore-641006, Tamil Nadu, India.			
<b>4</b>	A formulation for an intraoral bioadhesive patch to prevent dental caries	2024410015 28	Dr Suma S Reader Dr Jerusha T Dr Gowrav M P Dr Raghunath N	Orthodontics & Dentofacial Orthopedics	23.2.2024	<b>Published</b>  Filed 9.1.2024
<b>5</b>	System and Method for Dynamic Translation of Speech to Sign Language for Oral Hygiene Education	2018410399 95  Patent no. 481630	Dr B Nandlal Dr Raghavendra Shanbhog Dr Shreekanth Thotappa Dr Shreepriya Singhania Dr Bijlani Samhita Subhash Ms. Divya Nandlal Sahetya	Paediatric & Preventive Dentistry	13.12.2023	<b>Renewal done.</b> <b>23.10.2024</b> <b>(7<sup>th</sup> yr.)</b>  <b>Granted</b> 13.12.2023  Published 24.4.2020 Filed 23.10.2018
<b>6</b>	Formulation of 4% aqueous extract of Mysuru variety of piper betle.L leaf	2024410274 64	Dr Sheethal Chandra A C Dr Suman Basavaraju Professor, JSSDCH Dr Ravindra S Dr B M Gurupadayya	Periodontology	12.4.2024	Published  Filed 3.4.2024