



**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**



**2021-22**

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# 1 NO POVERTY



"Poverty is not made by God, it is created by you and me when we don't share what we have."

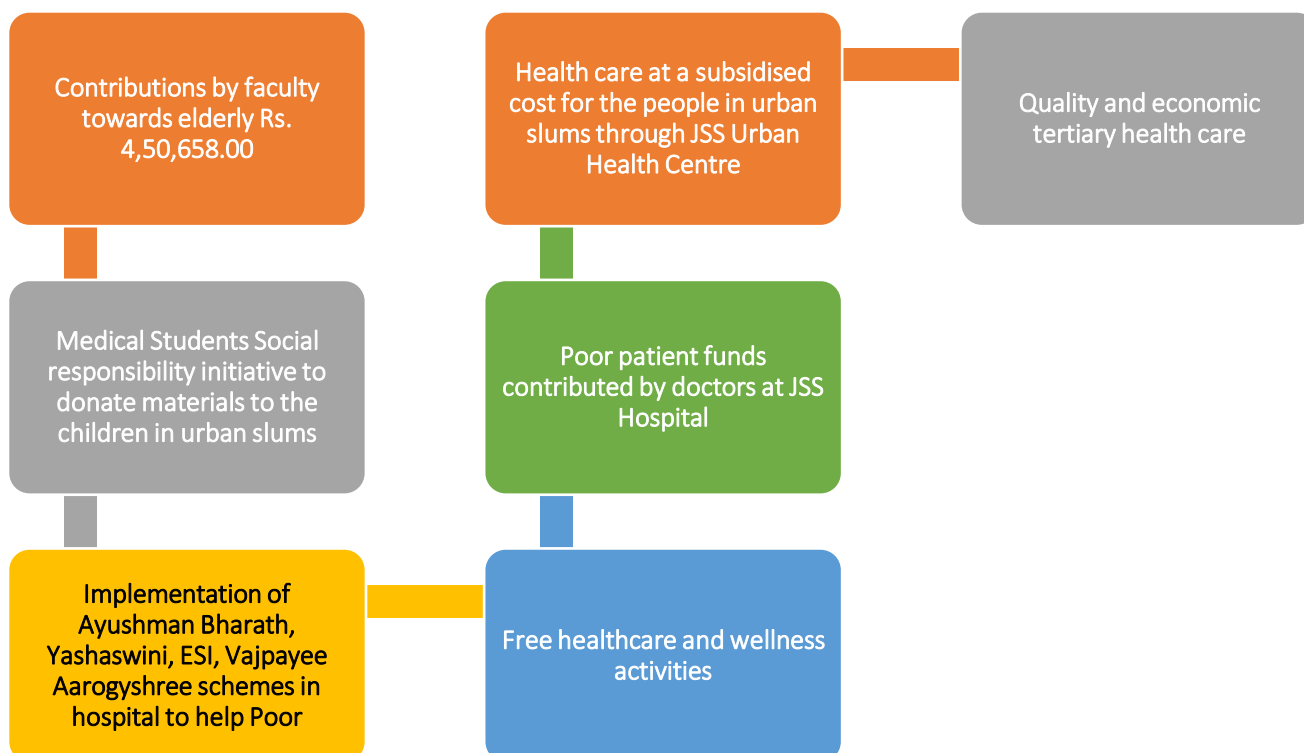
**-Mother Teresa**

## ABOUT THE SDG

By eradicating poverty, all 17 Sustainable Development Goals will have been achieved. Eliminating poverty is a matter of justice, not charity. Every day of the year, thousands of people die from a lack of food and clean water. Today, more than 700 million people, or 10% of the world's population, continue to live in extreme poverty and struggle to meet even the most basic needs, including access to water and sanitation, education, and health care. The pandemic poses the greatest threat to developing nations both during and after it, putting them at risk for not only a health crisis but also for a devastating social and economic crisis in the months and years to come.

The fastest reduction in multifaceted poverty has been seen among children under the age of 10. The most recent statistics show a 47 percent decrease, or 136 million fewer children, living in multidimensional poverty in India, from 292 million in 2005–2006. The Mahatma Gandhi National Rural Employment Guarantee Scheme, the largest employment guarantee programme in the world, and the National Social Assistance Programme are just two of the progressive programmes run by the Indian government. Through high infant mortality, malnutrition, child labour, lack of education, and child marriage, poverty has an impact on children, families, and individuals in several different ways.

### A glance at efforts:



## **INITIATIVES UNDER THIS GOAL**

JSS Academy of Higher Education & Research (JSS AHER) is striving to help the people in lower socio-economic strata to avoid catastrophic health care expenditure related to several illnesses. To prevent families being victims to the poverty due to out-of-pocket expenditure, JSS Medical College along with other Constituent colleges of JSS AHER has taken several initiatives like poor patient fund, contribution towards elderly people, medical student 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. Making provision for tertiary health care at Chamarajanagara by establishing 100 bedded hospitals with all diagnostic facilities at subsidized rates will help to provide quality health care to the needy poor and middleclass patients. Creating health care provision for medical and dental illnesses at Suttur and adoption of Suttur village for model health village programme 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.

1. Faculty from the JSS Academy of Higher Education & Research contributed Rs. 84,50,658.00/- to the elderly population
2. Home care visits by Geriatrics Department for all elderly and aged population at Mysuru at affordable cost and with free transport facilities.
3. JSS AHER Urban Health Centre situated at Medar's block, Bamboo bazar, Mysuru and rural health training centre situated at Suttur are providing much-needed medical care to the people in urban slums and rural communities. Apart from this JSS Medical College, has joined hands with government of Karnataka in providing health care to the people in rural areas through primary health centres.
4. JSS AHER encourages 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 AHER extend help to the poor through Poor Patient's Fund.
6. All the government of India's welfare programmes, including Ayushman Bharath, Yashaswini, ESI, and Vajpayee Aarogyashree, are being implemented in the hospital by JSS.
7. To help the needy and poor, JSS Medical College conducts
  - a. Regular health education programmes on prevention and control of common ailments
  - b. Free health check-up camps for people in rural, urban and tribal areas,
  - c. Cataract and eye health campus
  - d. Screening programmes for hypertension, diabetic, cancer etc
  - e. School health appraisal programme covering more than 20000 children annually.

## FOOD DISTRIBUTION SERVICES - SERVICE TO COMMUNITY

Society impacting events were organized to reach the poor and needy in Nilgiris Districe ,Tamil Nadu.

- Distribution of grocery kit bags (25 items) to 50 tribal families of the adopted villages viz. Nedugalkombai and Veerakombai.
- Distribution of blankets to 550 children of the following 7 tribal schools across Nilgiris.
  1. Adidhiravidar welfare middle school, Doddabetta
  2. Adidhiravidar welfare middle school, Thakkarbaba Nagar, Emerald
  3. Annai Sathya orphanage for girl children, Ooty
  4. Govt. tribal residential middle school, Aravenu, Kotagiri
  5. Govt. tribal residential high school, Bokkapuram
  6. Govt. tribal residential middle school, Mavanalla
  7. Govt. tribal residential middle school, Thorapalli
- Donation of medical instruments / paediatric equipments to Govt. Hospital, Kotagiri.
- Offering a feast lunch to about 50 schoolgirls residing at Tamil Nadu Govt. Child Welfare Orphanage, Kodapamund, Ooty.
- Providing about 250 'Modi Coat' to the staff of all the 3 JSS institutions at Ooty as a gift. Conduct of 'Vaccination Drive' at JSSCP, Ooty in collaboration with the health administration of Nilgiris for the benefit of the students and public.



Grocery materials packed in the kit bag by NSS volunteers for distribution on the occasion of 106th Jayanthi Celebration -JSSCP, Ooty – 18th September 2021



His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, Executive Secretary, Secretary-I and DED of JSSMVP distributed the kit bags and blankets to the beneficiaries and blessed them. The heads of the JSS institutions at Ooty, Officials from JSS Mahavidyapeetha and committee members of the Jayanthi Celebrations were present during the event held at JSSCP, Ooty – 22nd September ,2021.



Glimpses of Distribution of Grocery kit bags (50 kits bags each with 25 grocery items) by Dr. S P Dhanabal and other members of JCC at the adopted tribal villages viz. Nedugalkombai and Veerakombai – 27th September, 2021.



Glimpses of distribution of blankets to Tribale school children by Dr B Babu, Mr Shivaprashad at Adidhiravidar welfare middle school, Doddabetta, Nilgiris – 1st October, 2021.



Glimpses of distribution of blankets to Tribale school children by Dr S P Dhanabal, Dr B Babu at Adidhiravidar welfare middle school, Thakkarbaba Nagar, Emerald, Nilgiris – 30th September, 2021.





Glimpses of distribution of blankets to Tribale school children by Dr PA Kushalappa, Dr Prashanth V, Dr Vishal Kumar Gupta, JSSAHER, Dr S P Dhanabal, Dr MJN Chandrasekar at Annai Sathya Orphanage for Girl Children, Ooty, Nilgiris – 1st October, 2021 Glimpses of distribution of blankets to Tribale school children by Mr Bhojarajan, Dr SP Dhanabal, Mr Vishwas at Govt. tribal residential middle school, Aravenu, Kotagiri, Nilgiris – 4th October, 2021.





Glimpses of distribution of blankets to Tribale school children by Dr B Babu at Govt. Tribal Residential High School, Bokkapuram, Nilgiris–28thSeptember,2021 .



Glimpses of distribution of blankets to Tribale school children by Dr B Babu at Govt. Tribal Residential Middle School, Mavanalla, Nilgiris – 28th September, 2021.



Glimpses of distribution of blankets to Tribale school children by Dr B Babu at Govt. Tribal Residential Middle School, Thorapalli, Nilgiris – 29th September, 2021 Donation of Medical Instruments / Paediatric Equipments to Govt. Hospital, Kotagiri, Nilgiris – Medical instruments worth of Rs. 10,000/- were donated to Govt. Hospital, Kotagiri to support the paediatric ward of the hospital. The Medical instruments were handed over to by Dr S P Dhanabal, Principal, JSS College of Pharmacy, Ooty.



COVID-19 Vaccination Drive conducted at JSS College of Pharmacy, Ooty for the benefit of Students and General Public.



School of Life Sciences, Mysuru through its NSS wing donated books to Government primary school library, Majjigepura & Hulikere.

## FREE HEALTH CAMPS TO CATER TO THE HEALTH NEEDS OF POOR

Event	Date	Place	Department	Collaboraor	No. of beneficiaries
Free health check-up camp	19.03.2022	St Marry Auditorium Mysuru	General Medicine	NJS Charitable Trust	100
Special NSS camp	14.03.2022 - 20.03.2022	Naguvanahalli Village, Srirangapatana	NSS Unit of JSS Medical College	--	500
Free health check-up camp	09.04.2022-10.04.2022	Kalamandir, Mysuru	General Medicine	Bharathiya Jain Milan	100
Free health check-up camp	19.03.2022	St Marry Auditorium Mysuru	General Medicine	NJS Charitable Trust	120
Free health check-up camp	22.04.2022	Chornahalli Village	General Medicine	JSS College of Nursing, Mysuru	200
Dr. Vyshali Free health camp	08.05.2022	Mulluru Village	General Medicine OBG Pediatrics	J.L. SUMUDHA Trust	240
Free health check-up camp	01.05.2022	Nanjanagudu	General Medicine General Surgery OBG, Orthopedics Dermatology	Rotary Club, Nanjangud	300
Free health check-up camp	10.05.2022 14.06.2022	Mandi Mohalla, Mysuru	General Medicine Pharmacology	NJS CharitableTrust	200
Free ENT and Hearing Screening camp		JSS High School laxmi puram Mysuru JSS PU College, Mysuru	ENT	--	300
Deaddiction camp	26.07.2021 to 28.07.2021	Nanjangud	General Medicine &Gastroenterology	--	50
De-addiction Camp	27-29 <sup>th</sup> July 2021	Nanjangudu	Clinical Psychology	JSS Mahavidyapeetha	40
De-addiction Camp	28 <sup>th</sup> September 2021	Chamarajanagar	Clinical Psychology	JSS Mahavidyapeetha	60



## Free Dental camp for School Children

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.

## World Oral Health Day 2021



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

A screening camp was carried out at JSS Free Residential School, Suttur, on 20th March 2021. 48 school children of class 9 were screened for any oral health problems and advised and referred for dental treatments. The participants were addressed by Dr. Chandrashekar BR regarding oral hygiene instructions, importance of oral health and significance of world oral health day. On this occasion drawing competition was also conducted for the students with the topic

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

### Dhantha Bhagya yojane

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

### Photo Gallery – Health camps



## **INCLUSIVENESS OF SPECIALLY ABLED PEOPLE**

### **Inclusiveness in admissions**

Annually 152 undergraduate students and 36 post graduate students belonging to lower socio-economic status are given admission at nominal fees (tuition and other fees).

### **International Day of Persons with Disabilities**

Mysuru, Dec4: JSS Academy of Higher Education and Research, JSS Dental College and Hospital, Department of Paediatric and Preventive Dentistry in association with Sai Ranga School celebrated International Day of Persons with Disabilities through a Virtual Education on Primary Oral Health Care for Speech and Hearing Impaired Children. The program was conducted by Dr. Nandlal B., Professor and Head and Dr Raghavendra Shanbhog, Reader, Department of Paediatric and Preventive Dentistry and team through a novel sign language based primary oral health education programme developed by them.

The first-year postgraduates of the aforementioned department were also in attendance. The program is a continuation of the on-going 24 years of Oral Health Care Scheme for the residents of Sai Ranga School organised under JSS Dental College and Hospital with the constant support and co-operation of Headmaster Y V Raghunatha Gowda, Sai Ranga School. Unlike previous years, an online platform was used for conducting the program, keeping all Covid Protocols and safety of the children in mind.

108 students were given virtual demonstration of tooth brushing technique along with education on importance and maintenance of oral hygiene by the speakers with the help of sign language translation being done live at their premises by the teachers and also by pre-recorded video on the importance of oral health with sign language demonstration done remotely by the speakers. This unique model of imparting knowledge through a virtual platform proved to be effective and benefitting for all present and equally successful in motivating the children.



**Health card for students:**

The students can be benefitted by this card during their medical emergency.





## **TRAINING / WORKSHOP/ SEMINAR/ WEBINAR /AWARENESS PROGRAM CONDUCTED:**

### **Oral Cancer Awareness Program**

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

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

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

We are happy to inform around 678 patients who were tobacco users in any form who were counselled in the Oral Medicine Department, JSS Dental College and Hospital, Mysore. The programme concluded on March 3, 2022.



## Prosthodontist Day

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

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

The Department also presented twenty-five economically poor and needy patients with denture maintenance and hygiene kit. The kits were sponsored by the Staff, Department of Prosthodontics, JSSDCH, Mysuru. The patients were chosen randomly and sponsored. The celebration was concluded with light refreshments, snacks to patients, students and staff.

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

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



## Live session with patient interaction



## One on one doubt session with patients



## Kit Distributions



## Cons Endo Day 2022



The Department of Conservative Dentistry & Endodontics, JSS Dental College & Hospital, JSS Academy of Higher Education & Research celebrated CONS ENDO DAY 2022. The Indian Association of Conservative Dentistry and Endodontics (IACDE), commemorates 5th March as the National Cons Endo Day. A week-long programme was organized by the department under the banner of IACDE with programs covering various activities. The celebrations commenced with a screening camp organized at Government School for the Visually Impaired where Around 25 students, 10 teaching and non-teaching staff were screened by a team comprising of 10 Postgraduate students under the guidance of Dr. Annapoorna B M, Professor & Head of the Department on 17th Feb 2022. The students were educated & motivated about maintaining good oral hygiene & its importance. Subsequent restorative treatments for these screened students were carried out on 28th Feb 2022.

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

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

## Training / Workshop/ Seminar/ Webinar Organized

An interactive webinar on ENTREPRENEURSHIP IN PHARMACY was organized for the M. Pharm Students from all the PG programs speaker is Mr. Kasturi S. Founder, CEO & MD, Phoenix vitamins & SRK Health Care, Mysore, Karnataka, India on 6th May 2021 The webinar was conducted on Google Meet. A total of 64 students attended the webinar.

The Department of Pharmacy Practice in association with Pharmacy Education Unit (PEU) of JSS College of Pharmacy, Mysuru organised a workshop on 'Problem-Based Learning (PBL)' on 14<sup>th</sup> August 2021 for the benefit of Faculty of JSS College of Pharmacy, Mysuru. The workshop was important for educational institutions to adopt PBL method of pedagogy to enhance the students learning experience and to increase their abilities/ skills and also to make them lifelong learners.

The workshop was conducted in 4 sessions covering the concept & process of PBL, the roles & responsibilities of PBL facilitator, the roles & responsibilities of students as learners in PBL, followed by a hands-on session. Mr. Atiqulla Shariff, Research Scholar, Department of Pharmacy Practice engaged the first session of the workshop. He introduced the delegates to the goals, learning outcomes, basic elements and the concept of PBL. Further, an extensive interactive session was conducted on the process of PBL, wherein delegates were familiarized with the various steps of PBL process, designing of the PBL scenarios, organization of PBL class and assessment process in PBL.

The Training and Placement Cell has organized a seminar on the theme "Entrepreneurial opportunities and funding: An Alternate career path" on 9th March 2022.



### **Awareness program / NSS activities:**

Awareness program about reproductive health in women on 26th and 28th March 28, 2022 at Majjigepura Village of Srirangapatna Taluk. This activity was held during the National Service Schedule (NSS) camp held between 24 – 30th March that was conducted by JSS College of Pharmacy in association with JSS Academy of Higher Education and Research, Mysuru. This exclusive women's program was intended to bring awareness to women residing in rural area about their reproductive health, also donated books and medicines for the poor.

The Pharmafest and Annual day celebration-2022 were scheduled on 11<sup>th</sup> to 13<sup>th</sup> April 2022, we have conducted a Short film on Topic- Fighting Poverty by getting education & Street play Topic- Educating girls: the key to tackling global poverty.



Short film



Street play

Education for entrepreneurship and business management is important to encourage and enable young people to develop their own businesses. With the Indian Govt. supporting the concept of startups and mini businesses, many students have begun to turn towards starting their own business. However, relevant technical and vocational training is important to support the purpose of entrepreneurship. An education that promotes agricultural knowledge, innovation and efficiency can contribute to increased productivity and reduced poverty.

As a part of a DST-SERB- Startup research grant, to foster research culture among school students, Department of biotechnology and Bioinformatics invited 12<sup>th</sup> standard school students from Demonstration school, Mysuru to visit life sciences laboratory at JSSAHER, Mysuru. Students were exposed to plant tissue culture techniques and the potential of the skills in creating self-employment in future.

**Invited 12th standard school students from Demonstration school, Mysuru to visit life sciences laboratory at JSSAHER**



## Curriculums enrichment



- **Curriculum enriched with managerial concepts and training**
- **Hospital postings to help students to develop the skills for being work ready and understand its operations**
- **Undertake various skill development training programs to enhance the skill set amongst students**

### **Activities conducted aligning to Goal 1**

<b>Curriculum</b>	The curriculum is designed by incorporating subjects that focus on the full range of managerial roles, tasks and activities that are required by a new manager at work. The students are trained in the various concepts of management and the theories informing the practices. Students are also trained on managing both the resources and the staff that they responsible for in the organization. It encourages the students to understand the organizational development and change. Key management processes are explained in detail, including managing time, managing self, managing resources, staff development, budgeting and monitoring expenditure, managing communication as well as information technology.
<b>Teaching &amp; Learning</b>	Hospital postings being an integral component of curriculum helps students to get a real exposure to health care delivery systems. Students have the benefit of hands-on-experiential learning by solving real-time problems and issues in healthcare facility. The department also organizes visits to various for enhanced hands-on learning about the advancements in their respective areas.
<b>Co-curricular Activities</b>	<b><u>Workshop on the Entrepreneurship development program</u></b> One week Entrepreneurship development program was organized by SPARKLE CINE, the innovation and entrepreneurship arm of JSS Academy of Higher Education & Research (JSS AHER), in association with Technical Consultancy Services of Karnataka (TECSOK) and the Department of Health System Management Studies of JSS AHER.



The program was held from 15<sup>th</sup> to 19<sup>th</sup> November 2021, the workshop was inaugurated by Dr. Gururaj and team, Dr. Prashant S, Deputy director Academic and Dr. Mamatha H K.

The workshop was conducted for the 3<sup>rd</sup> semester students of MBA HA/MBA PA to develop and support the entrepreneurial aptitude and efforts of the students. 38 participants took part in the event. The program had resource persons- Dr Gururaj, Chief mentor along with Ms Dhruthi, Project coordinator & Ms. Swarna Gowri, Project associate addressed the participants. The program had the objectives to motivate the participants to develop entrepreneurial abilities and prepare them to find out opportunities for successful business deeds.



## SCHOLARSHIP / FREE SHIP / PLACEMENT DETAILS FOR UNDER PRIVILEGED STUDENTS

Students of UG/PG with low family profile background will be benefited through the Scholarship offered from TATA Trust /IPA/ other government scheme are helpful for the students without depending their family for their studies.

Tata Trusts provides education Scholarship for the students with low income profile. Students receiving Tata Trusts Scholarship is up to 50 lakhs. The details are given below :

### Details of students receiving Tata Trusts Scholarship.

Sl. No.	Class	No. of students
1.	II Pharm D	06
2.	III Pharm D	02
3.	IV Pharm D	01
4.	VI Pharm D	12
5.	II B Pharm	01
6.	III B Pharm	03
7.	IV B Pharm	03
8.	I M Pharm	15
9.	II M Pharm	11

Students receiving Scholarship from other scheme is up to 20 lakhs. The details are given below in **Table 6**



Students of the college are qualified for GPAT 2022

## Overall Scholarships received for the year 2021-22

Name of the scheme	No of Students
Abbi Daan Punya Scholarship	6
IPA-Ramanabhai Patel Scholarship	4
Tata Trusts Scholarship	53
SSP Scholarships	17
Central sector scheme of scholarships for college and university students	02
Post Metric scholarship Schemes minorities CS	02
Merit cum-means Scholarship for professional and technical courses CS	14
GPAT	09
ADP Trust, Bengaluru	06
Scholarship from Govt. of Yemen	01
Other Private Scholarship	38
<b>Total</b>	<b>152</b>

Students receiving IPA scholarship of Rs. 25,000/- each. The details are given below:

## List of students receiving IPA scholarship

Sl. No.	Name	Class
1	Nisarga M S	I B Pharm
2	Hruthik N	II B Pharm
3	Girish A M	III B Pharm
4	Prince Shaji	IV B Pharm

## Students Placement (2021-2022)

25 students of M.Pharm and Pharm D were placed in various pharma industries with the CTC ranging from 3.25 to 4.80 lakh

## Details of Placement total 35 placed Placement reports (February 2021 to July 2021)

Sl. No	Student Name	Specialization	Company placed	Department & Position	CTC (INR in Lakhs)
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1	V. Vijaya	Pharmaceutical Analysis		Sr. Research Associate	3.3
2	Md Simon Haque		Syngene, Bangalore		3.3
3	Andrews KT				3.3
4	Ramya V	Pharmacy Practice	NovoNordisk, Bangalore	Drug Safety Associates	3.5
5	Alampalli Nitisha				3.5
6	Sonashree M B				3.5
7	Annette Mariam Mathew				3.5
8	Navneeth Kumar	Pharmacology			3.5
9	Nirmala Nayak	Industrial Pharmacy	Medtrix, Bangalore	Medical Writer	3.5
10	Kajal Kumari	Pharmacy Practice			3.5
11	Bharath M	Pharmaceutical Analysis	Strides, Bangalore	QA-Trainee	3.5
12	Tarun Nag S	Regulatory	Steriscience, Bangalore	Trainee Executive	3.0
13	Gouri	affairs			3.0
14	Dr. Prachi Raikar	PhD (Analysis)	Indegene, Bangalore	Associate ScientificWriter	6
15	Saheli Das	Pharmaceutics	Micro Labs, Bangalore	Management Tranee- RA	2.65
16	Chythanya C Kutty	Industrial Pharmacy	Biocon Biologics India Ltd, Bangalore	Scientist- FR&D	3.4
17	Princy Sara Korath	Pharm D	Parexel, Bangalore	Trainee in Medical Writing	2.5
18	Swaroop S Bankolli	Pharmacology	CareerNet Technologies Pvt.Ltd. Bangalore	Drug Safety Associate I	3.6

19	Shalin Shikhar	Pharmaceutical Quality Assurance	Fresenius Kabi Oncology Limited., Gurgaon.	Research Scientist- RA	3.2
20	Sushmitha	Pharmacology	Indegene, Bangalore	Sr. Associate Scientific Writer	5.0
21	Vaishnavi	Pharmacology	Evalueserve	Intellectual -IPR	3.0
22	A Sowmya	Pharmaceutical	Borderless Access	Junior Research Analyst	4.0
23	Lodeo	Analysis			4.0
24	Jiju Narayan	Pharmacology			4.0
25	Gopinath	Pharmaceutics	Great Four Systems, Hyderabad	Business Analyst	3.8
26	Rohini Bhattacharya				3.8
27	Yashas M S	Industrial Pharmacy	Indegene, Bangalore	Junior Associate – Scientific Writer	4.0
28	Prasad Vinay Rao		SteerLife, Bangalore	Trainee Business Development	2.7
29	Satrajit Basak	Quality Assurance	Merck, Bangalore	Trainee	3.0
30	Suhas Shankar	Regulatory Affairs	Pharma leaf, Bangalore	Trainee- RA	3.2
31	Prasannakumar P Bhat				3.2
32	Charmila M		Freyr solutions, Bangalore		4
33	Swathi KC		Merck, Bangalore		3.0
34	Kavya S Reddy		Redemptrix, Bangalore		3.0
35	Maithri S	Industrial Pharmacy	Medtrix, Bangalore	Jr. Medical writer	3.5

## **Research and fundings Supporting SDG-1**

Research scholars 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.

Research scholars with low family profile background or those in poverty will be benefited through the fellowships offered from External funding agencies that plays a crucial role financially and enable them to work independently.

### **PROJECTS:**

<b>TITLE</b>	<b>Investigators</b>	<b>Funding agency</b>	<b>Amount</b>	<b>Duration</b>
<b>Cost effective non-invasive early diagnostic tool for Parkinson's disease, a preclinical and clinical approach</b>	PI – Dr. Manjula JSS Pharmacy College, Mysuru  CO-PI – Dr. Vikram Patil, Radiodiagnosis	ICMR	Rs. 51,57,925/-	3 years
<b>Stigma, pain crisis, economic loss, and quality of life of Sickle Cell Disease patients among tribal population of India</b>	Dr. Deepa Bhat, Dept of Anatomy	ICMR	1.2 Crore	5 years

### **Ph.D Candidates receiving fellowship from external funding agencies.**

Total of 22 Ph.D Candidates are receiving fellowship from external funding agencies and the cumulative scholarship is 267 lakhs. The details are given below :

<b>Sl. No.</b>	<b>Title of the Project</b>	<b>Name of the student</b>	<b>Name of the Guide &amp; Co-Guide</b>	<b>Sanctioning agency</b>
1.	Computational and experimental approach to develop novel glitazones has dual peroxisome proliferator activated receptor Agonist	Mr. Subankhar Mandal	Dr. Prashantha Kumar Dr. Manjula S.N.	DST Inspire
2.	Development of Novel Glitazones for activation of PGC1 $\alpha$ signaling via PPAR $\gamma$ agonism; A new therapeutic strategy for Parkinson's disease	Ms. Prabitha P	Dr. Prashantha Kumar Dr.S.N. Manjula	DST Women Scientist A

3	New computational and experimental approach to develop glitazones for Alzheimer's diseases by activation of PGC-1 via PPAR- $\gamma$	Ms. Priya Durai	Dr. Prashantha Kumar BR	DST Women Scientist A
4	Design, synthesis and evaluation of novel azole conjugates as anti-tubercular agents	Mr. Arun Kumar S	Dr. Gurubasavaraj V	SRF-ICMR
5	To study the influence of polymer on bioavailability of drugs.	Mrs. Akhila A R	Dr. Kulkarni PK	ICMR
6	Novel Strategies for improving the anticancer efficacy of therapeutic nucleic acid against breast cancer stem cell: implication of targeted/ combinatorial drug regimens.	Mr. Hitesh Kumar	Dr. Vikas Jain	DST-SERB
7	Formulation and Evaluation of novel drug delivery system of selected anti-oxidants against oxidative stress induced liver cirrhosis.	Mr. Satheesh Babu	Dr. Gowda D V	DBT, Govt of India
8	Formulation and Evaluation of Nanocomposite Systems for Management of Rheumatoid Arthritis.	Mrs. Deeksha R Pai	Dr. Venkatesh M P	Prime Minister Fellowship for Doctoral Research
9	Synthesis, Development and characterization of selective estrogen receptor modulator loaded oxidized graphene nanoribbons for the treatment of breast cancer.	Ms. Asha P John	Dr. Gangadharappa HV	ICMR, New Delhi
10	Development of nano formulation for treatment of Multiple Sclerosis	Mr. K Trideva Sastri	Dr. Vishal Kumar Gupta	ICMR, New Delhi
11	Development and characterization of nano delivery system targeting beta amyloid clearance in Alzheimer's disease.	Mrs. Meghana G S	Dr. Gowda DV	DST, Govt of Karnataka
12	Clinician-patient relations as barriers and enablers to uptake of interventions	Mr. Puvada Rahul Krishna	Dr. Ramesh M	La Trobe University, Australia
13	A study on the role of Telmisartan on glial cells functions and Bioenergetics in mouse model of Parkinson's Disease	Mr. Bipul Ray	Dr. Saravana Babu C.	ICMR-SRF

14	A study on the effect of cAMP specific PDE-4 and PDE-10 inhibitors against sleep induced alterations in cognitive functions and neural plasticity in mouse model	Mr. Abid Rashid Bhat	Dr. Saravana Babu C.	ICMR-SRF
15	Pharmacological Evaluation of Rationally Designed Novel Glitazones For Their Type II Antidiabetic Activity	Mr. Bhavi Mani Guru	Dr. Manjula S N	ICMR-SRF
16	Studies to assess the role of donepezil - essential oil combination in the treatment of Alzheimer's disease	Ms. Nachammai	Dr. Manjula S N	CSRI-JRF
17	Screening and validation of selected herbs containing serine and choline for memory enhancing activity	Ms. Roopa R	Dr. Mruthunjaya K.	Karnataka S & T Promoting Society
18	A study on phytochemical and chemico-biological interactions of bioactive principles from <i>Trichodesma indicum</i> in the management of Experimental autoimmune encephalomyelitis - <i>in vitro</i> and <i>in vivo</i> approaches	Ms. Hamsalakshmi	Dr. Suresh J.	DST INSPIRE Fellowship, Government of India
19	Therapeutic Evaluation of Olfaction in Parkinson's Disease - A preclinical study	Ms. Sahyadri	Dr. Manjula S N.	ICMR. Received Sanction letter
20	LC-MS/MS Application in Pharmacokinetic Study for Developed Metered Dose Inhalers from Phytochemical of <i>Clerodendrum serratum</i> (L.) for Evaluation of Antiasthmatic Activity	Mr. Hemanth Vikram P R	Dr. Gurupadaya B.M.	DST INSPIRE Fellowship, Government of India
21	Enantioselective assay and evaluation of pharmacokinetic properties of anti-diabetic chiral drugs by liquid chromatographic Technique	Ms. Tatineni Spandana	Dr. Gurupadaya B.M.	DST INSPIRE Fellowship, Government of India
22	A Study on the role of renin angiotensin system modulators on endoplasmic reticulum-mitochondria signaling in mouse model of parkinsonism	Ms. Sunanda Tuladhar	Dr. Saravana Babu. C	ICMR- SRF

Research scholars with low family profile background or those in poverty will be benefited through the fellowships offered from JSSAHER which helps them to work independently. 13 Ph.D. Candidates are receiving fellowship from JSSAHER and the cumulative scholarship of 2 lakhs. The details are given below :



## Ph.D. Candidates are receiving fellowship from JSSAHER

Sl. No.	Title of the Project	Name of the student	Name of the guide & Co-Guide
1	Design, synthesis & evaluation of new small molecules as anticancer agents	Ms. Akshatha H S	Dr. Pujar G V
2	Formulation and evaluation of microneedle drug delivery system for improved therapeutic efficacy of anti-psoriatic drugs.	Mrs. Jyothi SL	Dr. Gangadharappa HV
3	Development and evaluation of targeted nanotherapeutics for effective management of cancer.	Ms. Pallavi Chand	Dr. Vikas Jain
4	To study the cognitive dysfunction of epilepsy associate with Alzheimer's Disease	Ms. Nandini H S	Dr. Krishna K L
5	Development and evaluation of transdermal patches for the treatment of osteoarthritis	Mr. Souvik Chakraborty	Dr. Vishal Gupta N
6	LC-MS/MS Application in Pharmacokinetic Study for Developed Metered Dose Inhalers from Phytochemical of Clerodendrum Serratum (L.) for Evaluation of Antiasthmatic activity	Mr. Hemanth Vikram P R	Dr. Gurupadayya B.M.
7	A QbD Approach for Analytical Method Development by Liquid Chromatographic Technique for Anti-Viral Drugs	Mr. Veera Venkata Nishanth Goli	Dr. Gurupadayya B.M.
	Design, synthesis and evaluation of novel triazoles as anti-tubercular agents	Ms. Manisha Singh	Dr. G V Pujar
9	Development of Strategies to address vaccine hesitancy	Ms. Sheba Baby John	Dr. Juny Sebastian
10	Design and synthesis of Pyrrole derivatives as anti TB agents	Ms. Deepshika	Dr. Sheshagiri Dixit
11	Design, synthesis of Novel Purine Derivatives and Evaluation of Aurora kinase A inhibition	Ms. Pooja Kumari	Dr. Anand Kumar Tengli
12	Novel Strategies for improving the anticancer efficacy of therapeutic nucleic acid against breast cancer stem cell: implication of targeted/combinatorial drug regimens	Mr. Hitesh Kumar	Dr. Vikas Jain
13	Synthesis, pharmacokinetic and anticancer evaluation of chiral isoquinoline derivatives	Ms. Peddaguravagari Mounika	Dr. B M Gurupadayya

## External funding agency ongoing projects

Sl. No.	Sanctioned month, year & Duration	Title of the Project	Principal Investigator	Dept.	Funding Agency
1.	08/28/2019 3 years	Synthesis, Development and characterization of selective estrogen receptor modulator loaded oxidized graphene-nanoribbons for the treatment of breast cancer	Dr. Gangadharappa H.V. Department of Pharmaceutics	Dept of Pharmaceutics	ICMR Govt. of India
2.	09/05/2019 3 Years	Synthesis and Development of Novel DprE1 Enzyme Inhibitors as Anti-Tubercular Agents	Dr. Gurubasavaraj V Pujar	Pharmaceutical Chemistry	ICMR
3.	07/01/2019 3 Years	Design, synthesis and evaluation of novel glitazones for Alzheimer's disease: Activation of PGC-1 $\alpha$ signalling via PPAR- $\gamma$ receptors	Dr. B R Prashantha Kumar	Pharmaceutical Chemistry	DST-SERB
4.	01/14/2019 3 Years	Development of novel glitazones for activation of PGC-1 $\alpha$ signaling via PPAR- $\gamma$ agonism: A new therapeutic strategy for Parkinson's disease	Ms. Prabitha Dr. B R Prashantha Kumar	Pharmaceutical Chemistry	DST WOS-A (Approved)
5.	01/01/2020 3 Years	New computational and experimental approach to develop glitazones for Alzheimer's diseases by activation of PGC-1 via PPAR- $\gamma$	Ms. Priya Durai & Dr. B R Prashantha Kumar	Pharmaceutical Chemistry	DST WOS- (Approved)
6.	12/4/2018 3 years	Preclinical evaluation of the therapeutic potential of olfaction for treating dementia	Dr. S N Manjula	Pharmacology	DST-CSRI
7	02/21/2019	A Study on the temporal alterations of tau and ApoE expression and their role on seizure development in	Dr. K L Krishna	Pharmacology	AICTE-RPS

	3 Years	animal models of sporadic Alzheimer's disease			
8	12/22/2020 3 Years	Geriatric chronic cerebral hypoperfusion: Role of short-chain fatty acids supplementation on gut-brain axis function, protein misfolding, autophagy and cognition	Dr. C. Saravana Babu	Pharmacology	DBT (Public health and Nutrition) June 2020
9	03/18/2019 3 Years	Exploring herbal remedy for specific haemorrhagic disease through platelet enhancing activity	Dr. K Mruthunjaya	Pharmacognosy	AICTE, New Delhi
10	26/07/2021 1 Year	"Estimation of Metformin in wastewater samples by LC-MS/MS"	Dr. C. Saravana Babu	Pharmacology	CIIMS - Collaborative Project
11	20/12/2021 3 years	Community-centered health system strengthening for outpatient antimicrobial stewardship with Replicating Effective Programs Framework	Dr. Srikanth M S Dr. T M Pramod Kumar	Pharmaceutics & Pharmacy Practice	Pfizer Medical Grant
12	02/12/2021 1 year	Development and evaluation of functionalized multiwalled carbon nanotubes loaded with anticancer drugs for the treatment of cancer	Dr. Amr Selim Assistant Professor Pharmaceutics Co-investigator Dr. Gangadharappa H.V.	Pharmaceutics	International Collaborative research project, Hail University, KSA.
13	15/12/2021 3 Years	Effect of locally delivered Melatonin as an adjunct to scaling and root planning in the treatment of periodontitis with and without diabetes	Dr. Aruna Ganganna, Asst Professor, Dept. of Periodontology. Dr. Chandrashekar BR, Professor and Vice Principal, Head, Dept. of Public Health Dentistry	Pharmaceutics	DST-SERB

## JSSAHER seed grant ongoing projects

Sl. No	Sanctioned month, year &	Title of the Project	Principal Investigator	Department
1	01/10/2021 1 Year	Development and evaluation of probiotic strains as tablet dosage forms for improved stability	Mr. Hemanth Kumar S	Pharmaceutics
2	28-12-2019 2 Years	In silico PK/PD modeling studies and development of oncology nanotherapeutics	Dr. Durai Ananda Kumar T	Pharmaceutical Chemistry
3	10/24/2020 1 Year	Standardization of Vitex altissima plants from Coorg district and evaluation of its anticancer activity	Mr. Chethan I A	Pharmaceutical Chemistry
4	19/10/2020 1 Year	Assessment of Hydroxyproline by liquid chromatographic Fluorescence detection – A Urine Biomarker in Osteoporosis Patients	Dr. Gurupadaya B M	Pharmaceutical Chemistry
5	01/10/2021 2 years	Rational design and synthesis of novel dual enzyme inhibitors as potential anticancer agents	Dr. H Yogish Kumar	Pharmaceutical Chemistry
6	01/10/2021 1 year	Design and synthesis of novel pyrrole derivatives as antitubercular agents	Dr. Sheshagiri Dixit	Pharmaceutical Chemistry
7	7/9/2021 1 year	Investigation on the role of AT1 receptor antagonism on mitochondrial dynamics in Parkinson's disease (SIG Grant)	Dr. Saravana Babu C (PI) Ms. Mahalakshmi A M (Co-PI), Dr. Shasthara Paneyala (Co-PI) (BBCR-SIG grant)	Pharmacology
8	10/1/2021 1 Year	Development of PD mouse model by mimicking the occupational exposure conditions: chronic intranasal exposure of low dose rotenone	Dr. Dithu Thekkekkara	Pharmacology
9	10/1/2021 1 year	Carotid artery hemodynamic alterations in patients with sleep disorders	Dr. Shasthara Peniyala Ms. Mahalakshmi A M	Pharmacology
10	25/09/2019 1 Year	Preparation and evaluation of sustained-release tablets of diclofenac sodium using	Dr. Gangadharappa H. V	Pharmaceutics

		layered double hydroxide		
<b>11</b>	25/09/2019 1 Year	"Smart Nanostructured composites of axitinib for management of age-related macular degeneration"	Dr.MP Venkatesh	Pharmaceutics
<b>12</b>	19/10/2020 1 Year	" Development and evaluation of oral insulin drug delivery system using yeast cell"	Dr. Gangadharappa HV	Pharmaceutics
<b>13</b>	28/12/2019 1 Year	"A study on the role of ReninAngiotensin system modulators on Endoplasmic reticulum- mitochondrial signalling in mouse model of Parkinsonism"	Mr. Balaji S &Mrs. Shilpa Palaksha	Pharmacy Practice
<b>14</b>	1/10/2021 1 Year	Development and validation of Zebra fish embryo model for toxicity and tissue regeneration	Dr. Nagashree KS	Pharmacology
<b>15</b>	1/10/2021 1 Year	An investigation on the role of short chain fatty acid in the rat model of chronic cerebral hypoperfusion	Mr. Tousif Ahmed Hediya Pharmacology	Pharmacology
<b>16</b>	1/10/2021 1 Year	Development of novel strategy using liquid crystalline nanoparticle in the treatment of diabetics retinopathy	Ms. Sharadha M	Pharmaceutics
<b>17</b>	1/10/2021 1 Year	Development and evaluation of transdermal patches for the treatment of osteoarthritis	Mr. Souvik Chakraborty	Pharmaceutics
<b>18</b>	1/10/2021 1 Year	Development and evaluation of antineoplastic and flavonoid loaded Nano- formulation for the management of glioma	Mr. Sathishbabu P	Pharmaceutics
<b>19</b>	1/10/2021 1 Year	Design, synthesis and evaluation of new manichbases derived from 1,2,4 triazoles as antitubercular agents	Mr. ShivakumarG	Pharmaceutical chemistry
<b>20</b>	19/10/2020 1 year	" Design, synthesis and evaluation of novel triazoles as anti-tubercular agents"	Ms. Manisha Singh	Pharmaceutic al chemistry
<b>21</b>	19/10/2020 1 year	" Synthesis and development of Anti-cancer Agents through Novel LPA Receptor Antagonist"	Ms. Bhagyalalitha	Pharmaceutical chemistry

22	28/12/2019 Year	Formulation and evaluation of microneedle drug delivery system for improved therapeutic efficacy of anti-psoriatic drugs.”	Ms. Jyothi S L	Department of Pharmaceutics
23	24/02/2022 1 Year	Design, Synthesis and evaluation of P13 inhibitors as anticancer agents	Ms. Shreya Mutalikdesai	Pharmaceutical chemistry
24	24/02/2022 1 Year	Formulation and evaluation of resveratrol nano structured lipid carriers for the treatment of Parkinson’s disease	Ms.Haripriya	Pharmacognosy
25	24/02/2022 1 Year	Evaluation of therapeutics potential of epoxide hydrolase (SHE) inhibitors of cyclooxygenase (COX) and SHE in A-B1-42 induced mice of Alzheimer’s disease	Dr.Jayanth B M	Pharmacology
26	24/02/2022 1 Year	Design, synthesis and evaluation of 1,2,3- triazoles as potential CDK4/6 inhibitors	Mr. Krishna Yallappa Kolachi	Pharmaceutical chemistry
27	24/02/2022 1 Year	Evaluation of anti-cancer activity of is quinoline derivatives as CDK4/6 inhibitors in breast cancer	Ms. Namitha B M	Pharmacology

## **PUBLICATIONS RELATED TO SDG-1**

1. Pandey A, Brauer M, Cropper ML, Balakrishnan K, Mathur P, Dey S, Turkoglu B, Kumar GA, Khare M, Beig G, Gupta T. Health and economic impact of air pollution in the states of India: the Global Burden of Disease Study 2019. *The Lancet Planetary Health*. 2021 Jan 1;5(1):e25-38.
2. Dham R, Dharmarajan S, Kurkure R, Kumar RN, Kameswaran M. Socio-demographic profile and its influences on rehabilitation in children undergoing revision cochlear implantation–MERF experience. *International Journal of Pediatric Otorhinolaryngology*. 2021 Dec 1;151:110919.
3. Local Burden of Disease Vaccine Coverage Collaborators; Mapping routine measles vaccination in low- and middle-income countries, Mahesh P.A., *Nature*. 2021.Vol 589(7842).415
4. Krishna M, Majgi SM, Kumar SP, Rajendra R, Heggere N, Poole R, Robinson C. A hospital-based self-harm register in Mysore, South India: Is follow-up of survivors feasible in low and middle income countries?. *International Journal Of Community Medicine And Public Health*. 2021 Nov 1;8(11):5258-62.
5. Kulkarni P, Kumar S, Siddalingappa H, Renuka M, Murthy MN. Perception and Practices of Village Health Sanitation and Nutrition Committee (VHSNC) members prevention and control of Dengue. *RGUHS National Journal of Public Health*. 2018;3(4).
6. Rasekaba TM, Pereira P, Rani. G V, Johnson R, McKechnie R, Blackberry I. Exploring Telehealth Readiness in a Resource Limited Setting: Digital and Health Literacy among Older People in Rural India (DAHLIA). *Geriatrics*. 2022 Mar 1;7(2):28.
7. Anemia prevalence in women of reproductive age in low-and middle-income countries between 2000 and 2018;*Nature medicine*;2021 Oct;27(10);1761-1782.
8. Mapping inequalities in exclusive breastfeeding in low-and middle-income countries, 2000–2018;*Nature human behaviour*; 2021 Jun 3;5-8;1027-1045.
9. Prevalence of sickle cell disease among children of tribal population in India: Feasibility of screening at community level in low-resource settings;*Pediatric Blood & Cancer*;2021 Jun;68(6);e289-311.
10. Rise and fall of therapeutic hypothermia in low-resource settings: lessons from the HELIX trial: correspondence;*Indian journal of pediatrics*;2021 Sep 24;1-2.