



Sri Devaraj Urs Academy of Higher Education & Research

Comprising Sri Devaraj Urs Medical College

A DEEMED TO BE UNIVERSITY

Department of Research and Innovation

Declared under Section 3 of UGC Act, 1956, MHRD GOI No.F.9-36/2006-U.3 (A) Dt. 25th May 2007

POST BOX NO.62, TAMAKA, KOLAR-563 101, KARNATAKA, INDIA

Ph.: 08152-243003, 210604, 210605, Fax: 08152-243008, E-mail: co.rd@sduu.ac.in website: www.sduu.ac.in

Central Ethics Committee Re- registered under CDSCO -Registration No. ECR/425/Inst/KA/2013/RR-20 dated 28.4.2020

Central Ethics Committee registered under NECRBHR ,DHR --Registration No. EC/NEW/INST/2020/588 dated 28.5.2020

Metric 3.3.2

Workshops/seminars conducted on Intellectual Property Rights (IPR)
Research methodology, Good clinical Practice, Laboratory, Pharmacy and
Collection practices, Research Grant writing and Industry-Academia
Collaborations during the year

List of the events conducted

Sl.no	Date	Event
1	12-06-24	Workshop on 'Patents and Copyrights: the process and outcome'
2	21-06-24	Research Methodology Workshop-SDUCON
3	10-07-2024	Workshop on Good Clinical Practice
4	19-07-2024	Guest lecture on 'Biobanking'
5	05-08-2024	IDEATHON'24
6	04-09-2024	Research methodology workshop
7	07-10-2024	Workshop on Grant writing
8	04-05-2025	National scientific conclave on Interdisciplinary Research
9	21-03-2025	Be an Innovator: Join the Movement"
10	28-03-2025	From Idea to Impact: An Innovation Orientation
11	26-04-2025	World Intellectual Property Rights Day

Dr. Kalyani R

Director
Research and Development Cell
SDUAHER

Prof. Dr. Kalyani . R.
MD(PATH), PH.D., FAMS, FICP, FIAMS, FEMSA, FICPA,
Director
Research and Development Cell, SDUAHER
Professor & Former Head
Dept. of Pathology, SDUMC



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

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[Constituent unit of Sri Devaraj Urs Educational Trust for Backward Classes (Regd.)]

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Ph: 918152-243003, +91 9448395232, Fax : +918152 - 243008 E-mail - registrar@sduu.ac.in / office@sduu.ac.in. Website: www.sduu.ac.in

Academic Year: 2024-2025

Sl. No	Event Report
1	Name & Level of Event
	Workshop on <i>“Patents and Copyrights: the process and outcome”</i> : 12/6/2024 – Institutional Level
2	Background / Introduction
	Intellectual property rights serve as catalysts for innovation, collaboration, and commercialization in medical colleges, driving advancements in healthcare delivery, patient care, and medical science. By leveraging IPR effectively, medical colleges can fulfill their missions of advancing knowledge, improving public health, and addressing global health challenges. In view of the above, the Intellectual property rights committee, SDUAHER, organized an Institutional level workshop for faculty on <i>“Patents and Copyrights: the process and outcome”</i> on 12/6/2024
3	Venue
	Sir C V Raman auditorium, SDUAHER
4	Sponsors
	SDUAHER
5	Inauguration
	NA
6	Speakers / Judges / Chairman / Panel Team
	Guest speaker: Dr. Lipika Sahoo, Consultant, Life Intellect, Bangalore
7	Participants & Delegates in Number



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	30 Doctors (HODs & PG guides) and AHS faculty
8	Awards / Prices
	-
9	Valedictory
	-
10	Any Other Information
	Event pictures enclosed

Dr. Sangeetha T, Chief Coordinating office of IPR Cell, SDUAHER welcomed all the patrons, committee members and gathering for the workshop and spoke briefly about the importance of Intellectual property rights.





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Dr. Kalyani R, Director, R&D Cell introduced the guest speaker **Dr. Lipika Sahoo**, Consultant, Life intellect Bangalore and invited to deliver the talk.



Dr. Lipika Sahoo, sensitized the audience on *“Patents and Copyrights: Process and outcomes”*



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Her talk enriched the audience about the following key points:

- **Indian patent law** – patentable matter, utility, novelty, specification
- **Where to search** – National or international databases
- Patent documents – for technological, legal and commercial relevance
- **Indian patent filing procedure** – application, publication, examination, report, response, application for grant, compliance, grant of patent.
- **Good patent practices** – displaying, disclosing, selling, test marketing, advertising
- **Copyrights** – adaptation, distribution, display, reproduction, public performance
- **Berne convention** – 3 basic principles



There was active participation of the audience in clearing their doubts on patents and copyrights



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The session was concluded by vote of thanks delivered by Dr. Manjunath. B, core committee member, R&D Cell, SDUAHER

Prepared by

Dr. Sangeetha. T

Chief coordinating officer, IPR

Approved by

Dr. Kalyani. R

Director R&D Cell, SDUAHER



**SRI DEVARAJ URS COLLEGE OF NURSING,
TAMAKA, KOLAR - 563 103.**

REPORT

Format No	PRN - 05
Issue Status	02
Rev. Status	00
Date	01.09.2018

Date: 21-06-2024

Report on Research Methodology Workshop-2024

The Research Committee in Collaboration with IQAC conducted Research Methodology Workshop on 19th & 20th June 2024 between 9:00Am to 4:00 Pm at SDUCON.

The Research Methodology Workshop was aimed to:

1. Understand the concept on overview of nursing research process.
2. Review of literature utilizing various reference management tools.
3. Acquire skills in data collection methods
4. Apply statistical methods based on types of research design.
5. Interpret and conclude the analysis of data

The Master of ceremony was Mrs. Geetha S Nursing Tutor, MSN Dept. Sri Devaraj Urs College of Nursing, The Inaugural programme started with Invocation song by Aksa & Team and watering the plant by all the resource persons of Research methodology workshop followed by welcome address by Mrs. Komaladevi R. Dr. Lavanya Subhashini Organizing Secretary, Vice Principal HOD Dept. of Child health Nursing Sri Devaraj Urs College of Nursing had presented the Highlights of Research Methodology Workshop and Dr. G. Vijayalakshmi, Organizing Chairperson & Principal, Sri Devaraj Urs College of Nursing, Kolar, addressed the gathering and encouraged all the delegates & wished the team a good learning.

Beneficiaries:

- ❖ Nursing UG and PG Students & PhD Scholars.
- ❖ Students and Faculties of the institution.

SDUCON	UG-98,PG-09
Shantha College of Nursing	55
SLES College of Nursing	55
Eshwarammaji College of Nursing	16
Total	238



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After the Inaugural Session, the Day 1 was followed as per the programme schedule in which delegates were divided into Group 1 to Group 5 at 9.00am -4.00pm followed by Resource persons of each group were as follows:

Topic	Resource person	Incharge Faculty
Over View of Research process	Mrs. Jairakini Aruna Prof and HOD of Mental Health Nursing SDUCON	
Problem Statement, Objective, Hypothesis and Operational Definition	Mrs. Vani. R Asst. Prof SDUCON	Mrs. Uma. V Nursing Tutor
Review of Literature	Mrs. Samudyatha U.C Asst. Prof SDUMC	Mrs. Sumalatha Asst. Prof SDUCON
Research Design Qualitative	Mrs. Gayathri K V Associate prof. SDUCON	Mrs. Blessy Ph.D. Scholar
Research Design Quantitative	Mrs. Uma Devi. T Asst. Prof SDUCON	Mrs. Jeyarani Ph.D. Scholar
Sample and Sampling Estimation	Dr. Malathi K V Associate Prof. and HOD Community Health Nursing SDUCON	Mrs. Ramya Asst. Prof SDUCON

The delegates were 48 in each group and the session was one hour for each topic and the delegates were actively participated and had a student centric learning & discussing in all the groups and in each group again the students was subdivided into 5 groups for further group engagement & participation.



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Day- 2 was followed as per the programme schedule in which delegates were divided same as previous day From Group 1 to Group 5 at 8.45am to 4.00pm followed by Resource persons of each group were as follows:

Topic	Resource person	Incharge Faculty
Method of Data Collection Tools (Self Reports)	Mrs. Jeyarani Ph.D. Scholar	Mrs.Vani Asst. Prof SDUCON
Qualitative of Data Collection Method	Mrs.Blessy Ph.D. Scholar	Mrs. Gayathri Asst. Prof SDUCON
Development of Tool, Item Analysis, Tool Validity and Reliability	Dr. Lavanya Vice Principal HOD Child Health Nursing	Mrs. Saritha Asst. Prof SDUCON
Standardised Tool and Preparations of observation checklist and rating scale	Dr.Malathi HOD and Asst. Prof Community Health Nursing SDUCON	Mrs. KomalaDevi .R Asst. Prof SDUCON
Types of Tools for Biophysiological and psychological measurement	Mrs. Sumalatha CV Asst. Prof SDUCON	Mrs.Ramya Asst. Prof SDUCON Mr.Rajendra Nursing Tutor
Statistical Approach for Nursing	Dr. Samudyatha UC Asst. Professor Dept of Community Medicine, SDUAHER	
Data Presentation	Dr. G Vijayalakshmi Principal SDUCON	

All the delegates participated in each group very actively and followed by 4 faculties had presented scientific paper presentation with their valuable research studies.

After completion of Sessions, the Valedictory Programme was started by Mrs. Kavitha P Nursing Tutor OBG Dept. Sri Devaraj Urs College of Nursing and with Invocation song by Aksa & Team followed by Dr. Malathi KV Organizing Joint Secretary, HOD Dept. of CHN had welcomed the gathering. Dr. Lavanya Subhashini Organizing Secretary Vice Principal & HOD Dept. of Child Health



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Nursing SDUCON, presented on the Research Methodology Workshop highlights of two days and expressed gratitude and Dr. G. Vijayalakshmi, Organizing Chairperson & Principal, Sri Devaraj Urs College of Nursing, Kolar, distributed the Certificates to all the delegates of Various colleges and to all resource person who were dedicated and enthusiastically involved in teaching the participants. The research methodology workshop concluded by feedback.

The delegates feedback was analyzed and revealed that more than 85% of the delegates expressed that, research methodology workshop with student centric was Satisfactory and the pretest Score was. 60% Followed by 92% in Post test score.

Photo Gallery





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We the Research Committee remain ever grateful for the entire teaching Faculty for the needful support and guidance.

Malathi

Organizing Joint Secretary

M. Sullust

Organizing Secretary

[Signature]
21/06/24
Organizing Chairperson



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No.SDUAHER/KLR/R&D/ 312 /2024-25

Date: 22.07.2024

Event Report

Name of the Event: “Workshop on Good Clinical Practice”

Department: Research and Development Cell

Venue: Sir CV Raman Auditorium, 3rd Floor, University Building, SDUAHER

Date: 10.07.2024

Sl. No.	Particulars
1.	<p>Introduction:</p> <p>Good Clinical Practice (GCP) is an internationally recognized set of guidelines and standards for conducting clinical trials involving human subjects. GCP guidelines are established by the International Council for Harmonisation (ICH) of Technical Requirements for Pharmaceuticals for Human Use, specifically under the ICH E6 (R2) guideline. Adherence to GCP ensures that clinical trials are conducted ethically, safely, and scientifically, facilitating the development of new medical treatments and ensuring public trust in the research process. Considering the same Research and Development Cell of Sri Devaraj Urs Academy of Higher Education and Research, Kolar, Karnataka, India organized workshop on Good Clinical Practice on 10.07.2024</p>
2.	<p>Proceedings:</p> <p>Inauguration:</p> <p>Event commenced on 10.07.2024 at 10:00 AM with the invocation song by Mrs Suma & team. Compering was done by Dr. Shashidhar K, Deputy Coordinator, R & D Cell. All the dignitaries, resource persons have inaugurated the ceremony by watering the plant</p>



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Welcome Address:

Dr. Kalyani R, Director, Research & Development Cell, SDUAHER, welcomed all the dignitaries of our institution, esteemed speakers and the participants of the event. with great pleasure she welcomed all for the workshop on Good Clinical Practice (GCP) saying active participation of all underscores a collective commitment to upholding the highest standards in our scientific endeavors. And briefed about GCP as an international ethical and scientific quality standard for designing, conducting, recording, and reporting clinical trials that involve human subjects. It ensures that the rights, safety, and well-being of trial subjects are protected and that the clinical trial data is credible.





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Opening Remarks:

Dr. Muninarayana C, Registrar, SDUAHER highlighted the need and importance of Good Clinical Practice in the context of Clinical trials and advised all the participants to make use of the new knowledge generated from the workshop.



Dr. B Vengamma, Hon'ble Vice Chancellor, SDUAHER provided the insight about the safety and ethical aspects in the conduct of clinical trials and wished all the participants to have a fruitful experience from the talks of the Resource persons and utilize them in clinical practice.



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Talk 1

Dr Denis Xavier: Professor and Head of Pharmacology (Ex Vice Dean), Head, Divn. of Clinical Research, St. John's Medical College, Bangalore. Rendered detailed talk on topic titled **Overview of Principles in GCP** and stressed that the principles in GCP collectively ensure that clinical trials are conducted with the highest ethical standards, maintain participant safety, and produce reliable data that can be used to evaluate investigational products and advance medical knowledge. Compliance with GCP principles is crucial for obtaining regulatory approval and ensuring the credibility and acceptability of trial results.



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Talk 2

Dr. Bheemachari: Principal & Professor Dept. of Pharmacology Varadaraja Institute of Pharmaceutical Education and Research, Tumkur. Rendered detailed talk on topic titled **GCP in Clinical Trial regulations** and concluded that GCP in clinical trial regulations provides a framework for conducting ethical and scientifically sound research while safeguarding participants' rights and safety. Compliance with GCP guidelines is essential for obtaining regulatory approval and ensuring the reliability of clinical trial data used to support new medical treatments and therapies.





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Talk 3

Dr Denis Xavier: Professor and Head of Pharmacology (Ex Vice Dean), Head, Divn. of Clinical Research, St. John's Medical College, Bangalore. Rendered detailed talk on topic titled **Quality assurance and Quality Management in GCP** and emphasized that QA and QM in GCP are essential for ensuring that clinical trials are conducted ethically, adhere to regulatory requirements, and generate reliable data. QA focuses on verifying compliance through audits and reviews, while QM involves strategic planning and continuous improvement to maintain high standards of quality throughout the trial process.



Talk 4

Dr Hoti S L: ICMR-Emeritus Scientist, ICMR-Vector Control Research Centre, Indira Nagar, Puducherry. Rendered detailed talk on topic titled **Ethical and Safety issues in GCP** and emphasized that ethical and safety considerations in GCP are paramount to protect participants' rights and safety, maintain data integrity, and uphold public trust in clinical research. Rigorous adherence to ethical principles and regulatory standards ensures that clinical trials are conducted ethically and with due regard for participant safety throughout the study process.



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3.	<p>Concluding remarks:</p> <p>The GCP workshop successfully achieved its objective of educating participants on the ethical and regulatory requirements of clinical research. It equipped attendees with essential knowledge and skills to ensure compliance with GCP guidelines, thereby promoting the conduct of ethical and scientifically rigorous clinical trials.</p>
4.	<p>Participants & delegates:</p> <p>A total of 140 members participated in the event</p>
5.	<p>Certificate Distribution: Distributed to all the participants</p>
6.	<p>Valedictory Ceremony:</p> <p>Vote of thanks was proposed by Dr. Sathishbabu P, Core committee member, R & D Cell Followed by Group Photo.</p>



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Dignitaries and Resource persons

Organizing Chairperson
Dr. Kalyani R
Director, R & D Cell
SDUAHER



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No. SDUAHER/KLR/R&D/ / 2024-25

Date: 23.07.2024

EVENT REPORT

Name of the Event: **Guest Lecture**

Name of the Department: **CBMG, Surgical Oncology and R&D Cell**

Date of the Event: **19th July 2024**

Sl.no	Event Report
1	Level of Event - Institutional level
2	Introduction- Biobanking is emerging as a crucial branch of science, playing a pivotal role in biomedical research and precision medicine. It encompasses a wide range of activities, including sample collection, storage, research, education, funding, publishing, biobanking services and analytical services. Biobanks are integral to precision medicine, aiding in patient diagnosis, treatment, follow-up, therapy monitoring and optimization. Biobanks serve as repositories for biospecimens, where biosamples are systematically collected and stored along with their clinical, social and pathological information for research, new drug discoveries and drug development. In recent years, there has been a growing interest in establishing biobanks in both private and government hospitals in India to support advancements in disease prevention, prediction, diagnosis and treatment. The Indian government has also begun providing initial funding to establish biobanks for cancer, liver diseases and rare diseases.
3	Venue- Dr. B.C. Roy auditorium, SDUAHER
4	Sponsors - NA
5	Inauguration- NA
6	Conducted Dr. Kiranmayee greeted the audience and invited Dr. Kalyani to formally welcome them and the guest speaker, Dr. Abhishek Mohanty. All the dignitaries were honored with flower bouquets. In her introductory remarks, Dr. Kiranmayee presented Dr. Abhishek Mohanty to the audience and invited him to begin his lecture. Dr. Abhishek Mohanty, the Program Director and Pan-India Head of the Centre for Biorepository and Biobanking at Health Care Global Cancer Hospital, Bengaluru, discussed the significance of tissue banking. He covered the requirements for establishing and maintaining tissue banks, the importance of obtaining patients' consent, and the ethical considerations involved in tissue banking. Dr. Abhishek also addressed questions from the audience.

	Dr. Gopinath felicitated Dr. Abhishek Mohanty, and Dr. Sampath delivered the vote of thanks.
7	Participants & Delegates - 50
8	Prize distribution etc -NA
9	Valedictory ceremony - NA
10	Highlights of the events including photos -Attached the photos



Dr. Kalyani welcoming the audience



Dr. Kiranmayee introducing the speaker



Dr. Gopinath welcoming the speaker



Audience



Dr. Abhishek Mohanty



Discussion time



Felicitation of Dr. Abhshek



Vote of thanks by Dr. Sampath

Approved by

Dr. Kalyani. R

Director R&D Cell, SDUAHER



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Innovation and Incubation Cell
&
Research and Development Cell

Event Report of SparkTank Idea Presentation

To unleash the creativity and generate groundbreaking ideas Research and Development Cell and Innovation and Incubation Cell, SDUAHER conducted SparkTank Idea presentation competition.

The key guidelines for an Ideathon'24 competition was given as follows:

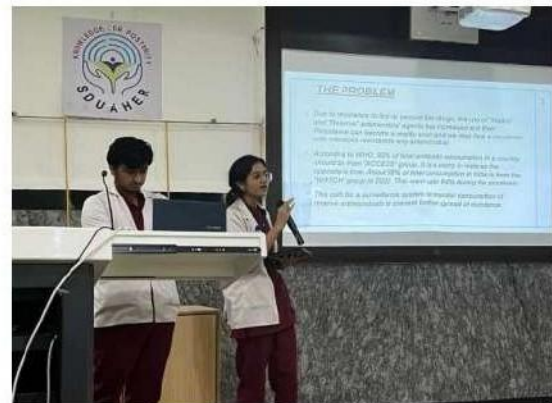
- The SparkTank Idea presentation was open to teams of 2 students.
- The competition had multiple rounds, such as an initial abstract submission, followed by a detailed proposal, and a final presentation round.
- The ideas submitted was unique, novel, and had the potential for partial or full implementation.
- The ideas was judged based on logical flow, analytical reasoning, innovative solutions, and presentation.
- Plagiarism was strictly prohibited, and any discovered instances lead to disqualification of the team.
- Participation in the Ideathon'24 was free for the students of SDUAHER.

With the above set of rules topics were provided for the students on which an idea was developed where healthcare concerns requiring attention were given. The topics included-

- AI in Healthcare: Developing AI algorithms for early disease detection and personalized treatment plans.
- Waste Management: Innovative methods for recycling and reducing waste in communities.
- EdTech for Remote Learning: Developing tools and platforms to enhance remote education.

- Affordable Healthcare Devices: Designing cost-effective medical devices for underprivileged areas.
- Minimally Invasive Surgery: Advances in laparoscopic and robotic surgery techniques.
- Telemedicine in Prenatal and health Care: Enhancing access to prenatal and health care through tele health services.
- Early Detection of Cancers: Advances in diagnostic tools for early detection of various cancers.
- High costs and limited access to insulin: Enhancing access and advancement in insulin delivery systems.

The first set of presentations were conducted on August 3rd 2024 in Library AV Hall with 19 teams from various disciplines of SDUAHER. Dr Ashwini Shetty, Professor, Department of Physiology and Dr. Shivaraj Kumar, Professor and HOD, Department of Clinical Nutrition and Dietetics were the judges of the initial event.



Among the 19 teams 6 teams were selected for second round of presentation.

The teams selected were-

- Trisha Gosh and Akancha Ray - Cervical Cancer detection app
- Harsh Sharma and Iraa Varma - Antimicrobial surveillance system
- Gowtham Raj NV and Jinit Peter S - AI sensor-based goniometer
- Nithin - Automated Irrigation System Based on soil moisture using Arduino.
- Urvashi Sharma and Reddycharla Reddamma - Pneumatic pelvic bridging exercise machine
- Disha Kakkar and Brijmohan - Heal your liver

Second round of the SparkTank Idea Presentation was conducted on 5th August 2024 in Library Silver Jubilee Auditorium Hall from 9.30 am to 10.30 am. Judge for the session was Dr Anand Thirunavukarasou, SRIIC, SRIHER, Chennai. External Member, Innovation and Incubation Cell, SDUAHER.

Winners of the session was announced by Dr Ashwini N S, Chief Co-Ordinator of Innovation and Incubation Cell, SDUAHER. Following students were the winners of the SparkTank Idea Presentation-

- First: Nithin - Automated Irrigation System Based on soil moisture using Arduino
- Second: Disha Kakkar and Brijmohan – Heal your Liver
- Third: Harsh Sharma and Iraa Varma - Antimicrobial surveillance system
- Runner up: Urvashi Sharma and Reddycharla Reddamma - Pneumatic pelvic bridging exercise machine
- Runner up: Gowtham Raj NV and Jinit Peter S - AI sensor-based goniometer
- Runner up: Trisha Gosh and Akancha Ray - Cervical Cancer detection app

The winners received cash prize of Rs. 3000/- for 1st place, Rs. 2000/- for 2nd place and Rs 1000/- for 3rd place along with the certificate of participation from Dr Muninarayana, Registrar, SDUAHER and Dr Prabhakar K, Dean, Faculty of Medicine. All the participants received certificate of participation of the event.





The event concluded with the vote of thanks from Dr Kalaipriya S, Assistant Professor, Dept. of Clinical Nutrition and Dietetics, FAH and BS, SDUAHER, Member, IIC, SDUAHER.

Organizing Chairperson
Dr. Kalyani R
Director, R & D Cell
SDUAHER

Speaker Name: Dr. ANAND THIRUNAVUKARASOU, SRIIC,SRIHER(DU), Chennai.

Topic: Innovation and Entrepreneurship

The Innovation and Incubation Cell hosted an Ideathon'24 on August 5th, 2024, in the Central Library, Silver Jubilee Hall, SDUAHER.

As a part of the IDEATHON'24, a guest lecture was conducted from Dr. Anand Thirunavukarasou, SRIIC, SRIHER(DU), Chennai on Innovation and Entrepreneurship from 11.30 am to 1 pm.



Dr Kalyani R, Director, R & D Cell, SDUAHER, Liasson Officer, IIC, SDUAHER was the organising chairperson for the event. Dr Ashwini N S, Chief Co-Ordinating Officer, IIC, was the organising secretary and Dr Sudarshan K with Dr Likith Shetty, Members, IIC, SDUAHER wereco-organising secretaries for the event.



Dr. Anand Thirunavukarasou emphasized that innovation and incubation are crucial elements of entrepreneurship. Innovation drives the creation of new ideas, products, and services, while incubation provides the necessary support and resources to nurture these ideas into successful businesses. Together, they form the foundation for entrepreneurial ventures, enabling them to grow and thrive in competitive markets.

Around 400 students from various disciplines, including MBBS, Physiotherapy, Allied Health Sciences (AHS), and Nursing, attended the event. The diverse participation highlighted the interdisciplinary interest and enthusiasm for innovation and incubation. The event provided a valuable platform for students to engage with experts, showcase their ideas, and gain insights into the latest advancements in their respective fields. The large turnout also underscored the importance of fostering a collaborative environment for future healthcare professionals.

Dr. Anand Thirunavukarasou also explained about innovation, incubation and entrepreneurship. He also gave a brief idea about how they work together,

1. **Idea Generation:** Innovation sparks new ideas that can be developed into business opportunities.
2. **Support and Growth:** Incubators provide the necessary resources and support to help these innovative ideas grow into successful businesses.
3. **Market Introduction:** Entrepreneurs introduce these nurtured ideas to the market, driving economic growth and development.

In conclusion, Dr. Anand Thirunavukarasou highlighted that innovation and incubation are essential pillars of entrepreneurship. Innovation fuels the creation of new ideas and solutions, while incubation provides the necessary support and resources to transform these ideas into successful businesses. Together, they enable entrepreneurs to develop and introduce unique products and services to the market, fostering economic growth and competitiveness.



The question-and-answer session was particularly engaging, with audience members seeking clarification on specific mechanisms, innovation and entrepreneurship discussed. Dr Anand Thirunavukarasou adeptly addressed these queries, enhancing the overall learning experience.



The guest speaker was felicitated with a certificate and memento for the guest lecture from DrPrabhakar K, Dean, Faculty of Medicine.

The event concluded with vote of thanks by Dr. Sudarshan, Deputy Co-Ordinator, IIC,SDUAHER.


Organizing Chairperson
Dr. Kalyani R
Director, R & D Cell
SDUAHER

A workshop was conducted to boost the leadership skills and to enjoy the team building activities organized by the students and mentored by the members of Innovation and Incubation Cell, SDUAHER.

The workshop was conducted in Physiology AV Hall on 5th August 2024 from 2.00pm to 4.00pm.



The first event was Ice breaker: Participants introduced themselves to each other within 10 minutes. By the end of the session, everyone had the opportunity to recall all the names. The person who remembers the most names was rewarded. At the end of the session all the participants were given an envelope and a sketch pen to creatively introduce themselves by drawing a picture on the envelope. Participants after introducing themselves formed a team of two or three to solve a crossword puzzle provided to them.

Dipak Kumar, III MBBS student, SDUMC, Student Coordinator of Innovation and Incubation Cell, SDUAHER gave a presentation on Exploring the Key Aspects of Leadership focusing on six distinct leadership styles.

An activity to help participants understand their leadership strengths and areas for improvement a direction activity was performed with a checklist to assess their leadership qualities and decision-making skills. Based on their results, they were grouped into four directions representing different leadership styles.



Following this activity a presentation focusing on essential leadership qualities for effective communication in healthcare, emotional intelligence in healthcare settings, interdisciplinary team building, decision-making in clinical practice, conflict resolution in healthcare, and time management and delegation in healthcare contexts was given by Kaushik, III MBBS, SDUMC.

Harsh and Hardik, III MMBS, SDUMC gave a talk on critical thinking in leadership essentials.

Shipwreck Survival Challenge was given to the participants with a chit determining their role in a simulated shipwreck scenario, where they must persuade the event host to allocate the only available life jacket to them. This event was conducted by Likitha, III MBBS, SDUMC.

At the end of the event, the envelopes initially collected from participants were displayed on a wall. Participants were asked to anonymously write messages for each other and place them inside the envelopes. These envelopes then be picked up by the participants to read and reflect on the messages shared.

The event was moderated by Dr Ashwini N S, Professor, Chief Co-Ordinator, Innovation and Incubation Cell, SDUAHER. Dr Sahana S Murthy, Assistant Professor, Member, Innovation and Incubation Cell, SDUAHER, Dr. Kalaipriya S, Member, Innovation and Incubation Cell, SDUAHER.



Organizing Chairperson
Dr. Kalyani R
Director, R & D Cell
SDUAHER

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Ph.: 08152-243003, 210604, 210605, Fax: 08152-243008, E-mail: co.rd@sduu.ac.in website: www.sduu.ac.in

Central Ethics Committee Re- registered under CDSCO -Registration No. ECR/425/Inst/KA/2013/RR-20 dated 28.4.2020

Central Ethics Committee registered under NECBHR ,DHR --Registration No. EC/NEW/INST/2020/588 dated 28.5.2020

No. SDUAHER/KLR/RDC/ / 2024-25

Date: 09.09.2024

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"RESEARCH METHODOLOGY WORKSHOP REPORT 2024"

Date: 4th September 2024

Venue: Joseph Lister hall, SDUMC

Organized by: Research and Development Cell, MEU & SRC

Research And Development Cell (R&D), conducted a Research Methodology workshop on 4th September 2024 from 9.00am to 1.30 PM.

The Master of Ceremony was Dr Shilpa MD, Department of Research & Development cell, SDUAHER. The program began with the first session on "Overview of Medical research" by Dr Muninarayana C, Registrar, SDUAHER. He mentioned that the workshop was conceptualized with the intention of knowledge building in the fundamentals of Research concepts, methodologies and essentials of academic writing.



The second session was on "Literature and developing research Question & Formulating objectives" by Miss Saniksha, Assistant Professor, Department of Physiotherapy. The review of literature was explained with quality indicators of journals, levels of research evidence, sources of literature search. The flow in designing hypothesis was discussed. Research problem was taught by considering FINER criteria for a good research question.

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This was followed by a formal inauguration which began with an invocation song by Mrs. Suma S, Computer Operator, Department of R & D. cell.



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Dr. Kalyani R, R & D, SDUAHER gave the welcome address which was followed by the watering of the plant by the dignitaries Dr DVLN Prasad, Chief administrative officer SDUAHER, Dr Muninarayana C,Registrar, SDUAHER, Dr Prabhakar K, Dean principal, SDUMC, Dr Aravind N, Dean AHS SDUAHER,



Dr Prabhakar K, Dean principal, SDUMC, addressed the gathering & mentioned the importance of doing research. This was followed by the Presidential address by Dr DVLN Prasad, Chief administrative officer SDUAHER,



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The third session was on **"study design"** by Dr Kalyani R, Director R& D cell The outline of the session was discussed with study design, description of interventions, study population, sampling procedure, data collection and analysis plan.



The fourth session was on **"Research Protocol writing"** by Dr Shashidhar K, Associate Professor of Pathology, SDUMC. In this part & process of writing a research protocol was discussed.



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Fifth session was by Dr Samyudatha, Assistant Professor of Community medicine, SDUMC on "Sample size calculation, Randomization & Basics of Statistical analysis". In this session estimation of sample size in different studies: descriptive, case-control, randomized control trial with suitable examples & also in brief about sampling and its type, randomization and statistical analysis.



The session was concluded by feedback and vote of thanks. All the resource persons, and participants were thanked for the successful completion of the workshop and cooperation.



Thanking You,

Shilpa
Prepared by

Dr Shilpa MD

Organizing Secretary

Yours sincerely

Kalyani R
Dr. Kalyani R

Director

Professor and Development Cell,
SDUAHER
Director
Research and Development Cell, SDUMC
Professor & Former Head
Dept. of Pathology, SDUMC



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No. SDUAHER/KLR/R&D/ 335 /2024-25

Date: 21.10.2024

Name of the event: Workshop on Grant Writing

Date of the event: 07/10/2024, Time: 9:00 AM to 1:30 PM

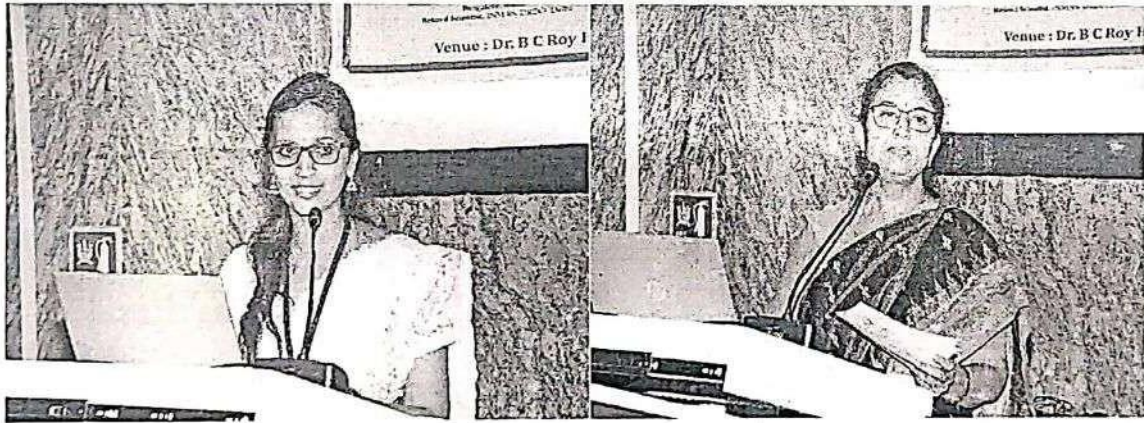
Name of the Department: Research and Development Cell

S. No.	Event Report
1	Level of the event SDUAHER campus
2	Background / Introduction This workshop on Grant writing is designed by the Research and Development Cell, SDUAHER to equip the teaching, research and clinical faculty with the knowledge and skills needed to write successful research proposals and acquire fellowships and grants from both government and non-government granting agencies.
3	Venue Dr. BC Roy Hall (Library building)
4	Sponsors SDUAHER, Kolar
5	Inauguration The event Inaugurated by watering the plant by Dr. D.V.L.N. Prasad, Chief Administrative Officer, SDUAHER, Dr. B Vengamma, Hon'ble Vice Chancellor, SDUAHER, Dr. Muninarayana C, Registrar, SDUAHER, Dr. Kalyani R, Director, R&D cell and speakers Dr. BS. Dwarakanath and Dr. Venkatachalam Perumal Time: 10:15 am to 10:45 am
6	Speakers Dr. BS. Dwarakanath Research Advisor, Indian Academy Degree College Autonomous, Bangalore, India. Retired Scientist, INMAS, DRDO, Delhi. Dr. Venkatachalam Perumal Professor & Head, Dept. of Human Genetics, Additional Dean, Research, Sri Ramachandra institute of higher Education and Research (SRIHER), Porur, Chennai.
7	Participants & Delegates in Number The participants were faculty of Medicine, FAH&BS, Pharmacy, and Nursing. All core committee members of R&D cell, SDUAHER.

	Total participants=
8	Awards/Valedictory At the end of the event the certificates were issued to all the participants by the speakers
10	Any other information Nil

Welcome address

Dr. Kalyani R, Director, R&D cell welcomed Dr. D.V.L.N. Prasad, Chief Administrative Officer, SDUAHER, Dr. B Vengamma, Hon'ble Vice Chancellor, SDUAHER, Dr. Muninarayana C, Registrar, SDUAHER, speakers Dr. BS. Dwarakanath and Dr. Venkatachalam Perumal, R&D cell core committee members for the event.



Master of Ceremony: Ms. Apoorva HM

Welcome address by: Dr. Kalyani R

Inauguration: The event was inaugurated by water the plant by all the dignitaries





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Inauguration

Adress to the gathering:

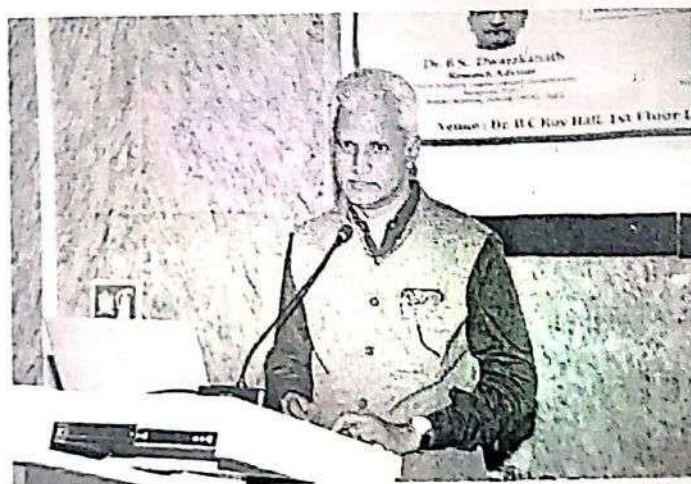
Dr. D.V.L.N. Prasad, Chief Administrative Officer, SDUAHER, Dr. B Vengamma, Hon'ble Vice Chancellor, SDUAHER, Dr. Muninarayana C, Registrar, SDUAHER addressed the gathering by highlighting the importance of the getting grants for research for the institute and personal growth.



Dr. B Vengamma



Dr. D.V.L.N. Prasad



Dr. Muninarayana C

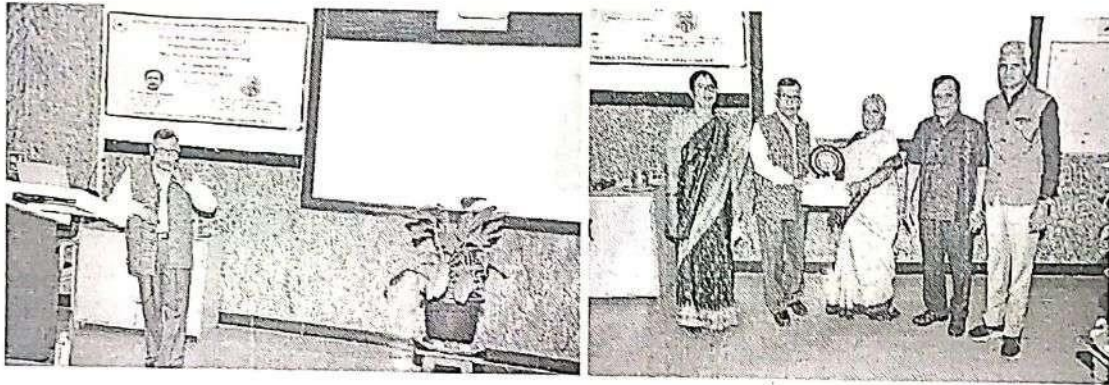
Talks by the speakers

Dr. BS. Dwarakanath gave an insightful talk on the following aspects during the event

Grant Sources: Identifying potential funders for fellowships and research, including government agencies, foundations, and corporations.

Writing Practices: Developing clear and persuasive writing skills, with tips on how to engage reviewers and make a compelling case for funding fellowships and research.

The session is more interactive and knowledge sharing on various aspects of grant sources and writing successful proposal for grants.



Topic: Understanding Grant Sources & Writing Techniques

Dr. Venkatachalam Perumal gave an insightful talk on the following aspects during the event

Proposal Structure: Learning the essential components of a grant proposal, including the executive summary, needs statement, goals and objectives, methodology, budget, and evaluation plan.

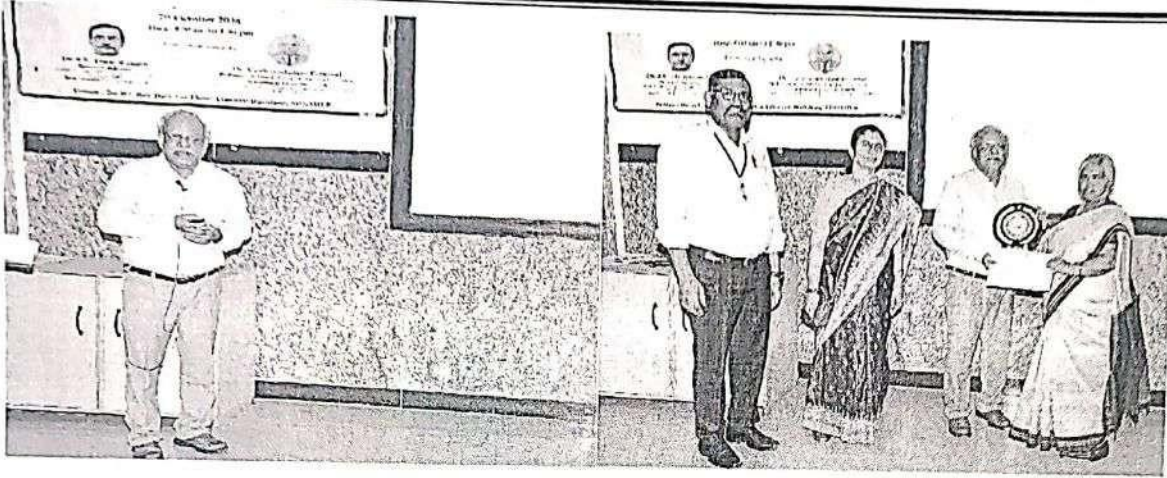
Budgeting: Understanding how to create a realistic budget that aligns with project goals and funder expectations.



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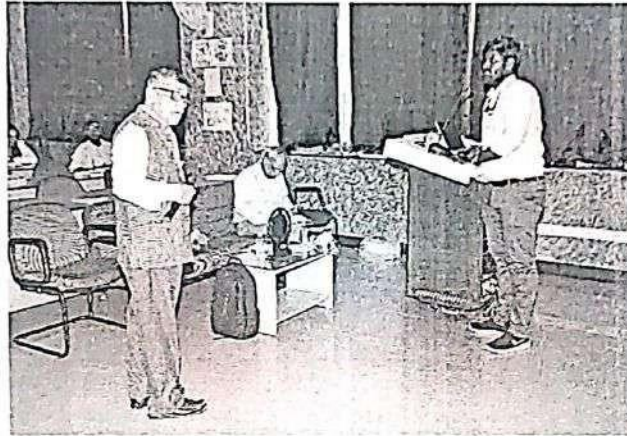
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Topic: Proposal Structure & Budgeting

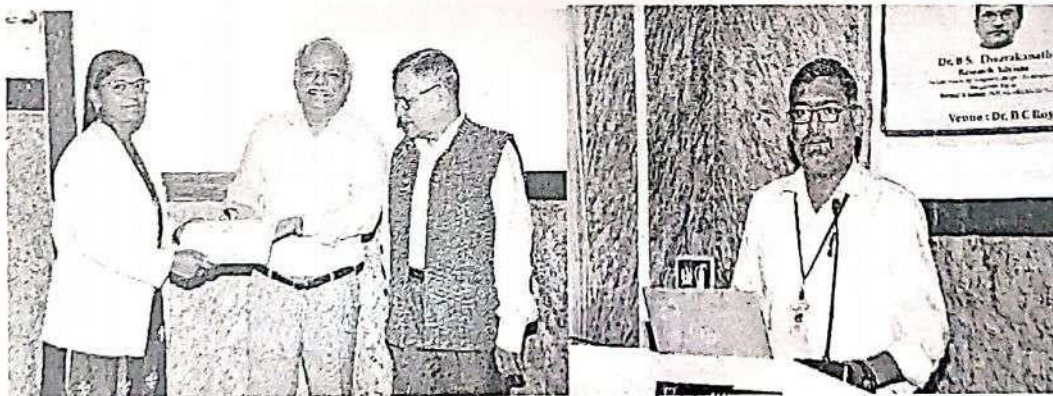
Discussion of faculty research Proposals:

Dr. Sathish babu discussed the research proposal with the speakers and got suggestions for the improvement to get successful grants.



Interactive session

Vote of thanks and issue of certificates to the participants



Certificate distribution

Vote of Thanks



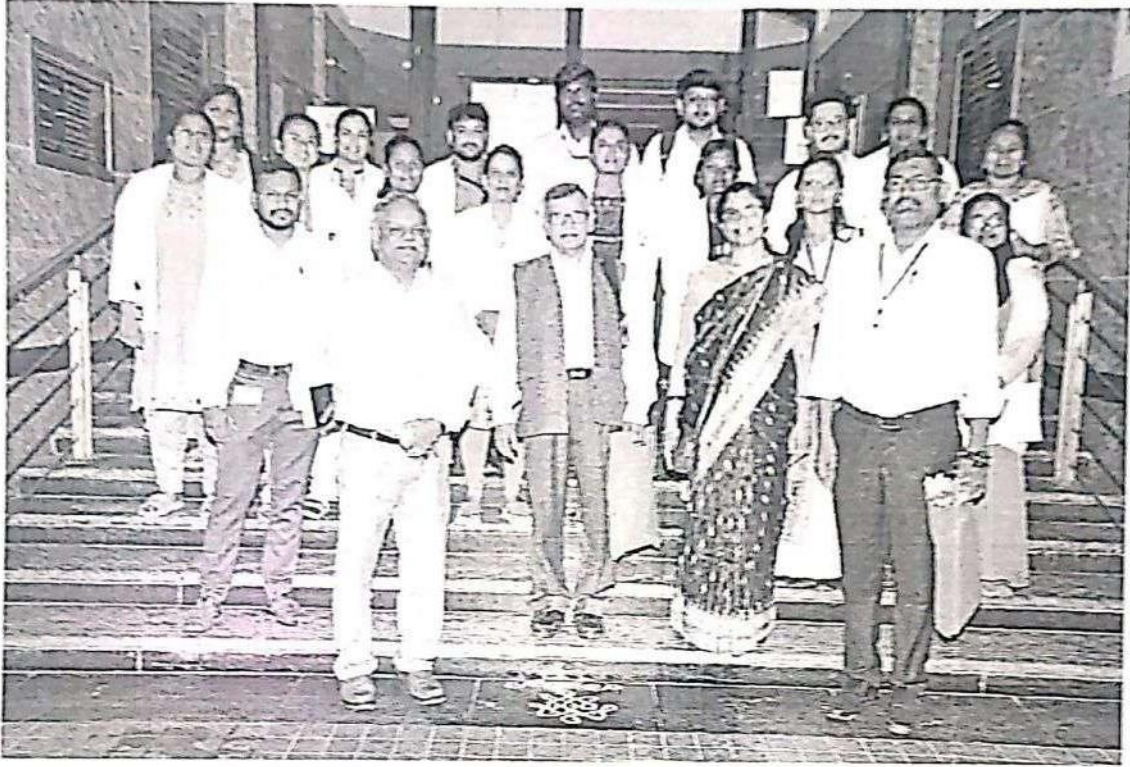
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Group Photo

Prepared by
Dr. Venkateswarlu Raavi
Deputy Co-ordinator
R&D Cell, SDUAHER

Approved by
Dr. Kalyani R
Director
R&D Cell, SDUAHER





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National scientific conclave on Interdisciplinary Research

Revolutionizing Health Outcomes through collaborative efforts across Basic,
Allied Health & Medical Sciences

Conference report

Day 1 – 4th February 2025

Theme: Diabetes

Event: Invited scientific talk - 1

Time: 9.00AM to 9.45AM

Speaker: Dr. M Balasubramanyam, ICMR Emeritus Scientist & Professor, Madras Diabetic
Research Foundation, Chennai.

Topic: Omics advancements and the road map of precision medicine in diabetes

Chairpersons:

Dr. Prabhakar K
Principal & Dean
SDUMC, SDUAHER

Dr. Sarala N
Professor
Dept. of Pharmacology
SDUMC



The speaker highlighted the following points:

- The burden of diabetes around the world, mainly in India. The statistics of the incidences, age group and regional populations.
- The speaker emphasized recent advancements in diabetes treatment and the importance of adhering to dietary precautions.
- The talk primarily focused on precision medicine in diabetes and advancements driven by omics technologies.



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Event: Invited scientific talk - 2

Time: 9.45AM to 10.30AM

Speaker: Dr. Sindhu S, Senior Dietician, Ernakulam Medical Centre, Kochi, Kerala.

Topic: Nutrition dynamics for the prevention and management of diabetes

Chairpersons:

Dr. Vidya Sagar
Professor & Head
Dept. of General Medicine
SDUMC, SDUAHER

Dr. Madhavi Reddy M
Professor
Dept. of Clinical Nutrition & Dietetics
SDUAHER



The speaker highlighted the following points:

- The global incidence of diabetes and its prevalence across various states in India.
- The speaker highlighted key factors influencing diabetes, along with survey data from different sectors.
- The speaker emphasized the importance of diabetes and dietary knowledge, noting a lack of awareness in the population.
- The talk addressed gestational diabetes in mothers and children, explaining its impact and intergenerational transmission.
- The speaker provided information on standard exercise and dietary guidelines at both global and national levels.



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Event: Invited scientific talk -3

Time: 10.30 AM to 11.15AM

Speaker: Dr. V Vettriselvi, Professor, Dept. of Human Genetics, SRIHER, Chennai.

Topic: Recent advancements in the molecular genetics of diabetes

Chairpersons:

Dr. Venkateswarlu Raavi
Assistant Professor
Dept. of Cell Biology & Molecular Genetics
SDUAHER

Dr. Komal Sanjay jog
Assistant Professor
Dept. of General Medicine
SDUMC



The speaker highlighted the following points:

- The talk highlighted the global burden of diabetes, with a focus on hereditary diabetes, the main types (Type 1 and Type 2), and the genes responsible for Type 2 diabetes.
- The speaker presented and discussed their project findings from a three-generation GWAS analysis, identifying various genes and SNPs associated with diabetes.
- The speaker emphasized that genetic changes can impact future generations.



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Event: Inaugural function

Time: 11.15 to 12.00 Noon

The following dignitaries presided over the function:

Chief Guest:

Dr. Sundararaman Swaminathan
Department of Nephrology, Indian Institute of Science, Bangalore

Guests of Honour:

- Sri. G H Nagaraja, Hon'ble Chancellor, SDUAHER
- Sri J Rajendra, Vice President, SDUET
- Sri K G Hanumantha Raju, Secretary, SDUET
- Sri. Rajesh N Jagadale, Trustee, SDUET

Presided by:

- Dr. D V L N Prasad, Chief Administrative Officer, SDUAHER
- Dr. Vengamma B, Hon'ble Vice Chancellor, SDUAHER
- Dr. C Muninarayana, Registrar, SDUAHER
- Dr. Prabhakar K, Principal, SDUMC and Dean, FoM, SDUAHER
- Dr. Aravind Natarajan, Dean, FAH&BS, SDUAHER
- Dr. Krishnappa J, Medical Superintendent, RLJH & RC
- Dr. Vijayalakshmi G, Principal, Sri Devraj Urs College of Nursing
- Dr. Ashok Kumar B S, Principal, R L Jalappa College of Pharmacy
- Dr. Kalyani R, Organising Chairperson, NSC and Director, R & D Cell, SDUAHER
- Dr. Venkateswarlu Raavi, Organizing Secretary, NSC 2025 and Deputy Co-ordinator, R & D





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- The inaugural function started with an Invocation
- This was followed by lamp lighting by dignitaries
- The LED wall with an upgraded digital sound system was inaugurated by Sri. G H Nagaraja, Hon'ble Chancellor of SDUAHER.
- The preamble of the Conference was given by Dr. Prabhakar K, Dean, FoM, SDUAHER
- Dr. D V L N Prasad, Registrar of the Academy welcomed all the dignitaries on the Diaz and also
- Dr. C Muninarayana, Registrar, SDUAHER introduced the chief guest.
- Dr. Dr. Sundararaman Swaminathan, the chief guest addressed the gathering by highlighting the importance of Interdisciplinary research.
- All the dignitaries released the Souvenir of the National Scientific Conclave
- Dr. B Vengamma, Hon'ble Vice Chancellor, SDUAHER addressed the gathering
- Dr. Kalyani R, Director, R & D Cell, SDUAHER gave the vote of thanks

Event: Invited Scientific Talk - 4

Time: 12.00 PM to 1.00 PM

Speaker: Dr. Prasanna Kumar, Diabetologist, Bangalore

Topic: Current holistic approach in the treatment of Diabetes

Chairpersons:

Dr. Sudha Reddy
Professor & Head
Dept. of Pediatrics
SDUAHER

Dr. Krishnappa J
Medical Superintendent
RL Jalappa Hospital and Research Centre

The speaker highlighted the following points:

- Integrative Treatment Model – A blend of allopathy, yoga, Ayurveda, and naturopathy for comprehensive diabetes care.
- Role of Lifestyle Modifications – Importance of diet, exercise, stress management, and sleep hygiene in glycemic control.



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- Mind-Body Connection – How yoga, meditation, and pranayama enhance insulin sensitivity and regulate stress-induced blood sugar fluctuations.
- Nutritional Science – The significance of low-glycemic, fiber-rich diets, and the role of herbal remedies in managing blood glucose levels.
- Emerging Research & Clinical Evidence – Scientific validation of holistic therapies and their efficacy in improving diabetes outcomes.
- Patient-Centric Approach – Personalizing treatment based on an individual's genetics, lifestyle, and comorbidities for sustainable health benefits.



Scientific free paper presentations

With 80 selected abstracts for presentation, five parallel sessions were conducted—four for oral presentations and one for poster presentations. The details are as follows:

Hall 1: Oral presentation from PhD Category

Time: 2.00 PM to 5.15 PM

Venue: R L Jalappa Silver Jubilee Auditorium

Judges:

Dr. Suresh T N

Professor

Dept. of Pathology

SDUAHER

Dr. Anjali Suresh

Professor

Dept. of Physiotherapy

SDUAHER



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Total of 12 presenters presented their original research articles. Each presenter had a time limit of 7 min (for presentation) and 3 min (for discussion).

Hall 2: Oral presentation from faculty category

Time: 2.00 PM to 5.15 PM

Venue: Dr. B C Roy Lecture Hall, First floor, Library building

Judges:

Dr. Prabhavathi K
Professor & Head
Dept. of Biochemistry
SDUMC, SDUAHER



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Dr. Sarulatha H

Professor

Dept. of Physiotherapy

SDUAHER



Total of 14 presenters presented their original research article. Each presenter had a time limit of 7 min (for presentation) and 3 min (for discussion).

Hall 3 & 4: Oral presentation from Post-Graduate Category

Time: 2.00 PM to 4.15 PM

Venue: Skill Lab, 3rd Floor Care Building

Judges:

Dr. Prakash Dave

Professor, Dept. of Surgery
SDUAHER

Dr. Ashok Kumar BS

Principal
RL Jalappa College of Pharmacy



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Dr. Ashwini Shetty

Professor, Department of Physiology
SDUMC, Kolar

Dr. Parimala S

Associate Professor
Dept of Microbiology
SDUMC, Kolar

Total of 19 presenters presented their original research articles. Each presenter had a time limit of 5 min (for presentation) and 2 min (for discussion).

Event: Poster Presentation for UG, PG, PhD and Faculty

Time: 2.00 PM to 5.15 PM

Venue: 2nd Floor, Central Library, SDUAHER

Judges:

Dr Arvind Natarajan

Dean AHS&BS, SDUAHER

Dr. G. Vijaylakshmi

Principal, Sri Devaraj Urs College of Nursing

Dr. Ruth Sneha

Associate Professor, Dept. of Psychiatry, SDUAHER

Dr. Lavanya Subhashini

Vice Principal, Sri Devaraj Urs College of Nursing



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Comprising Sri Devaraj Urs Medical College

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Research and Development Cell

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Total of 32 presenters presented their original research article/ case report in Poster format. Each presenter had a time limit of 5 min (for presentation) and 2 min (for Q&A).

Day 2 – 5th February 2025

Theme: Cancer

Event: Invited Scientific talk -1

Time: 9:20AM to 10:30AM

Speaker: Dr. Anita Nath, Scientist F, ICMR – National Centre for Disease Informatics and Research, Bangalore

Topic: Global burden of cancer

Chairpersons:

Dr. Muninarayana. C
Registrar,
Professor, Department of Community Medicine
SDUAHER, Kolar

Dr. S M Azeem Mohiyuddin
Professor & HoD,
Department of Otorhinolaryngology
SDUMC, Kolar

The speaker highlighted some of the following points:



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- Cancer poses a major public health and economic challenge globally, accounting for 16.8% of deaths worldwide and 30.3% of premature non-communicable disease (NCD) deaths in people aged 30–69 years.
- The cancer burden in India differs significantly by gender and region, with lung, mouth, and prostate cancers leading among males, while breast and cervical cancers dominate among females.
- Future projections indicate a sharp rise in cancer cases, with low and medium Human Development Index (HDI) regions, including India, facing the steepest relative increases by 2050.
- Also, the speaker highlighted that rising burden requires targeted cancer control measures, focusing on prevention, early detection, and management.



Event: Invited Scientific talk - 2

Time: 10:30am to 10:55am

Speaker: Dr. Tapas K. Kundu, Professor and Head, Molecular Biology and Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

Topic: Molecular Genetic techniques in the management of cancer

Chairpersons:

Dr. Gopinath K S
Director & Professor
Department of Surgical Oncology
SDUMC, Kolar

Dr. Kalyani R
Professor & Former HOD
Dept. of Pathology, SDUMC, Kolar



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The speaker highlighted some of the following points:

- An overview of oral cancer, potential therapeutic approaches, recent advancements, and strategies for targeting the brain.
- The FR-targeting strategy and the development of sigma receptor (SR)-targeting anti-brain tumor agents, CH8 and CH8-CRM.

Event: Invited Scientific talk - 3

Time: 10:55am to 11:30am

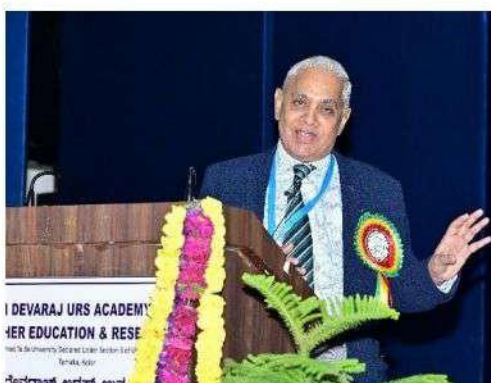
Speaker: Dr. B.A. Krishna, Consultant, Department of Nuclear Medicine & PET Imaging, Lilavathi Hospital and Research Centre, Mumbai

Topic: Advances in imaging technology in cancer diagnosis

Chairpersons:

Dr. Manjunath
Assoc. Professor,
Department of Radiation Oncology,
SDUMC, KOLAR.

Dr. Lokanath
Professor, Surgical Oncology,
SDUMC, Kolar





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The speaker highlighted some of the following points:

- Speaker highlighted on Molecular imaging, administration of an imaging agent, components.
- These scanners have high sensitivity and high spatial, contrast, and temporal resolution and the advent of PET scanners (Positron Emission Tomography) has revolutionized the imaging of entire body in a very short time.
- Also, the speaker highlighted new new molecular imaging innovations which have impacted oncological practice immensely. These techniques have given birth to a new approach in cancer treatment namely THERANOSTICS which will play a major role in the next decade as new targets for different types of cancers emerge.
- The practice of oncology will move from non-specific therapies to highly targeted therapies and future is very exciting.

Event: Invited Scientific talk - 4

Time: 11.30am -12.15 am

Speaker: Dr Ayesha Ismail, Scientist F & Head Endocrinology, National Institute of Nutrition, Hyderabad

Topic: Role of nutrition in the prevention and management of cancer

Chairpersons:

Dr. Ashwathappa
Professor and HoD,
Department of Surgical Oncology,
SDUMC, Kolar.

Dr Shivakumara CS
Assistant Professor and I/c Head,
Clinical Nutrition and Dietetics,
SDUAHER, Kolar





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The speaker highlighted some of the following points:

- The session emphasized the role of diet in cancer prevention and the non-classical functions of Vitamin D.
- Recent studies indicate that Vitamin D modulates molecular pathways in cardiovascular diseases (CVDs) and other chronic conditions.
- Beyond bone health, Vitamin D impacts metabolic and immune pathways.
- Future research should focus on personalized nutrition approaches for cancer prevention.

Event: Invited Scientific talk - 5

Time: 12.15 -1.00 pm

Speaker: Dr. Vadiraja H S, Research Officer & Nodal Officer, Central Research Institute of Yoga & Naturopathy (CRIYN), Mandya

Topic: Yoga and cancer management

Chairpersons:

Dr. Dayananda
Professor and HoD,
Department of Allied Health Sciences,
SDUAHER, Kolar.

Dr Ashwin Bilagi
Assistant Professor and I/c Head,
Integrative Medicine,
SDUAHER, Kolar



The speaker highlighted some of the following points:

- Yoga plays a significant role in pain management and psychological well-being.
- It has proven benefits in managing stress-related immune disorders.
- Integrating yoga with conventional therapies can enhance patient outcomes.
- Further clinical research is needed to establish standardized protocols for yoga-based interventions.



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Event: Invited Scientific talk - 6

Time: 2.00 PM-2.45 PM

Speaker: Dr. Raghavendra R, Lead Consultant, Pain & Palliative Medicine, Aster Hospitals, Bangalore

Topic: Advances in palliative care in cancer management

Chairpersons:

Dr Arun HS
Professor,
Department of Orthopedics,
SDUMC, Kolar.

Dr Vimarshitha P
Associate Professor,
Dept. of Obstetrics and Gynecology,
SDUMC, Kolar



The speaker highlighted some of the following points:

- Chronic pain management requires a multidisciplinary approach, integrating pharmacological and non-pharmacological therapies.
- Early palliative care interventions improve quality of life for terminally ill patients.
- There is a need for greater awareness and accessibility of specialized pain management services.



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Event: Valedictory function

Time: 3.00 to 4.30 PM

The Valedictory function was presided over by

1. Prof. Dr. B. Vengamma, Honourable Vice – Chancellor, SDUAHER.
2. Dr. S. Chandrashekar Shetty, Former Advisor, SDUAHER.
3. Dr. Muninarayana C, Registrar, SDUAHER
4. Dr. Prabhakar. K, Dean, Faculty of Medicine, SDUAHER and Principal, SDUMC.
5. Dr. Aravind Natarajan, Dean, Faculty of Allied Health and Basic Sciences, SDUAHER
6. Dr. Asok Kumar B S, Principal, R L Jalappa College of Pharmacy
7. Dr. Kalyani. R, Organizing Chairperson, NSC 2025 and Director, Research and Development Cell, SDUAHER.
8. Dr. S. M. Azeem Mohiyudhin, Organizing Co-Chairperson, NSC 2025, Former Director, Research and Development Cell, SDUAHER.
9. Dr. Venkateswarlu Raavi, Organizing secretary - NSC 2025, Deputy co-ordinator, Research and Development Cell, SDUAHER.



- Dr. Ashwini N S, welcomed the gathering
- Dr. Kalyani R, Director R & D cell presented the conference report
- Dr. S. Chandrashekar Shetty, Former Advisor, SDUAHER, Dr. B Vengamma, Honourable Vice – Chancellor and Dr. Prabhakar K, Principal, SDUMC addressed the gathering
- Prizes were distributed to the winners of the oral and poster presentations. The details are tabulated below:



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Poster Presentations

UG category

	Name	Institution	Title
1st prize	Yadlapalli Sejal Sai Sree	Sri Devaraj Urs Medical College	Varicella Zoster with Bilateral Orbital Cellulitis - A Rare Case Report
2nd prize	Neeraj C Rajesh	Department Of Speech Pathology and Audiology, SDUAHER	The Diagnostic Odyssey of Auditory Neuropathy Spectrum Disorder: A Case Study
3rd prize	Dr. Prashanth V	Sri Devaraj Urs Medical College	Unveiling Superior Sagittal Sinus Thrombosis Through Papilledema: A Case Report
Consolation	Keerthana S K	Sir M Visvesvaraya Institute of Technology	Extraction, Purification and Characterization of Polysaccharides from Zephyranthes citrina



Others (PG, PhD and Faculty)

	Name	Institution	Title
1st prize	Akshay Kirthan J.P	Dept. Of Biochemistry, JN Medical College, KLE Academy of Higher Education and Research	The Impact of Oral Iron Supplementation on Maternal Iron Indices Among Pregnant Women with Moderate Iron Deficiency Anemia - A Prospective Cohort Study.
2nd prize	Shivaani Srinivasan	Department Of Developmental Biology and Genetics, IISc- Bengaluru	Unravelling The Link Between Deregulated Metabolism and Cancer Stemness- Towards Understanding the Influence of Diabetes on Breast Cancer Progression
3rd prize	Dr. Vishaka Shankar	Paediatrics, SDUMC	Congenital Hyperinsulinemic Hypoglycemia
Consolation	Sahana G Iyer	Indian Institute of Science, Bengaluru	Identifying Biomarkers of Diabetes-Associated Breast Cancer Initiation and Progression



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Oral Presentations

PG category

	Name	Institution	zTitle
1st prize	Dr Nakkana Rachana	Sri Devaraj Urs Medical College	Gestational Type 2 Diabetes Mellitus and Its Influence on Retinopathy of Prematurity.
2nd prize	Dr Srilekha R Mathapati	Sri Devaraj Urs Medical College	Eyeing The Details: Association Between Macular Thickness, Axial Length in Myopic Eyes.
3rd prize	Lokireddy Venkata Sandeep Reddy	Katurba Medical College, Mangalore, MAHE	Quality Of Life Among Adult Type 2 Diabetics on Insulin in Select Tertiary Care Hospitals
Consolation	Kancharla Varun	General Medicine, K.S.Hegde Medical Academy	Study Of Upper Gi Endoscopy and Helicobacter Pylori Infection Among Type 2 Diabetes Mellitus Patients with Dyspepsia
Consolation	Ms. Reshma B	Sri Devaraj Urs College of Nursing Affiliated With RGUHS	Paramedical Staff Knowledge Regarding Revised Cardiopulmonary Resuscitation Guidelines Working at Rural Tertiary Care Medical Teaching Hospital Kolar, Karnataka.



PhD category

	Name	Institution	Title
1st prize	Medha Karnik S R	CEMR Laboratory, Department of Biochemistry, JSS Medical College, JSS AHER	Inverse Association of Lactobacillus and Bifidobacterium Species with Inflammatory Microenvironment in Cervical Cancer
2nd prize	Chaithanya G B	CEMR, Department of Biochemistry, JSS Medical College,	Co-Targeting Key Oncogenic Signalling Cascades Regulating Breast Cancer Development Using Vitamin-D And Anti-Hyperglycemic Agent Phenformin



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3rd prize	Rimshia Naaz	JSSAHER Department of Biochemistry, JSS Medical College, JSSAHER	Intraperitoneal Administration of Vitamin D Mitigated the Cognitive Impairment Induced Due to Diabetes by Modulating Pi3k/Akt Signaling in C57bl6 Mice.
Consolation	Dr. Geetha S	Physiology, SDUMC	Behavioral Outcomes of Enriched Housing in Mptp-Induced Parkinson's Disease Mouse Model



Faculty category

	Name	Institution	Title
1st prize	Vidhyashree K	Department of Pathology, St.John's Medical College	Role of Choline Transporter Immunostain in the Diagnosis of Hirschsprung Disease on Formalin Fixed Rectal Mucosal Biopsies
2nd prize	Dr. V. Priyanka	Biotechnology/ Anna University	Mir-21 Exacerbates Foam Cell Formation and Regulates Early Atherogenesis in Periodontitis-Induced Atherosclerosis.
3rd prize	Dr. Ram Mohan Ram Kumar	JSS College of Pharmacy JSS Academy of Higher Education & Research	Engineered Small Extracellular Vesicles as A Therapeutic Carrier Targeting Triple-Negative Breast Cancer
Consolation	Nandita Krishnan	Clinical Nutrition/ SRIHER	Microbial Attributes of Resistant Starch-Based Health Mix Developed for Women with Polycystic Ovarian Syndrome





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- The Valedictory function ended with a Vote of thanks by Dr. Venkateswarlu Raavi, Organizing secretary - NSC 2025 and the Deputy co-ordinator, Research and Development Cell, SDUAHER.
- The program ended with the National Anthem



Organizing team

Rapporteurs for Day 1

1. Ms. Indumathi, PhD Scholar, Dept of Cell Biology and Molecular Genetics, SDUAHER
2. Ms. Shriya S, PhD Scholar, Dept of Integrative Medicine, SDUAHER

Rapporteurs for Day 2

1. Ms. Chandini Rao, Lecturer, Dept. of Allied Health Sciences, SDUAHER
2. Dr. Soundariya S, Assistant Professor, Clinical Nutrition and Dietetics

Organizing Chairperson
Dr. Kalyani R
Director, R & D Cell
SDUAHER



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Research and Development Cell
Shri R L Jalappa Innovation and Incubation Cell

Event Report: Innovation Orientation for Undergraduate MBBS Students

Title: Be an Innovator: Join the Movement

Date: 21-03-2025

Venue: Multipurpose hall, 4th floor, SDUCON

Audience: Undergraduate students of SDUCON

Presenter: Dr. Likith M, IIC Co-Coordinator & Dr. Sudarshan K, IIC Co-Coordinator

Moderators: Dr. Kalyani R & Dr. Ashwini N S

Dr. Ashwini N S welcomed the students for the gathering.

Purpose:

The "Be an Innovator: Join the Movement" lecture was designed to introduce undergraduate MBBS students to the concepts of innovation and incubation, and to inspire them to become innovators. The session aimed to:

- Define innovation and incubation.
- Explain the importance of innovation.
- Discuss the role of incubation centres and higher education in fostering innovation.
- Highlight the National Innovation and Start-up Policy (NISP) and the Institution's Innovation Council (IIC).
- Showcase success stories of innovative companies.
- Outline the steps to create an incubation ecosystem and the benefits of innovation for students.

Dr. Likith M began the lecture by defining innovation as the process of translating ideas into goods or services that create value, and incubation as the process of nurturing early-stage ideas or startups to help them grow.

The importance of innovation was emphasized in terms of its contribution to economic growth, societal change, and the development of critical thinking and problem-solving skills. The lecture further elaborated on how innovation fosters new industries, creates jobs, boosts productivity,



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Shri R L Jalappa Innovation and Incubation Cell

addresses real-world challenges, improves quality of life, creates competitive advantages, and empowers individuals.

The role of incubation centres in supporting startups through mentorship, funding, and resources was discussed, along with key features such as access to infrastructure, expert guidance, and networking opportunities. The ways in which higher education institutions can encourage innovation, including building incubation centres, organizing hackathons and workshops, and introducing entrepreneurship courses, were also highlighted.





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Government initiatives such as the National Innovation and Start-up Policy (NISP) and the Institution's Innovation Council (IIC) were presented. The NISP provides a framework for higher education institutions to promote student-driven innovations and startups, while IICs organize events to support innovation.

Success stories of innovative companies like Mamaearth and Zepto were shared to inspire the students.

The lecture concluded by outlining the steps to create an incubation ecosystem, including identifying student innovators, providing mentorship and financial support, and showcasing ideas at events. The benefits of innovation for students, such as learning entrepreneurial skills, networking, and gaining real-world experience, were also discussed.

Dr. Sudarshan K gave the key takeaways for the session:

- Innovation and incubation are crucial for driving economic growth and societal change.
- Higher education institutions play a vital role in fostering innovation among students.
- Government policies and initiatives support innovation and entrepreneurship.
- Innovation provides students with valuable skills and opportunities.

Recommendations:

- Encourage students to actively participate in IIC events and activities.
- Provide platforms for students to showcase their innovative ideas.
- Facilitate mentorship opportunities with successful entrepreneurs and innovators.

The session was concluded with the vote of thanks from Dr. Sudarshan K.

Organizing Chairperson
Dr. Kalyani R
Director, R & D Cell
SDUAHER



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Innovation and Incubation Cell

Event Report: Innovation Orientation for Undergraduate MBBS Students

Title: From Idea to Impact: An Innovation Orientation

Date: 28/03/2025

Venue: Louis Pasteur Hall, 2nd floor, SDUMC

Audience: 2nd year Undergraduate MBBS Students (2023-24 batch)

Presenters: Dr. Sudarshan K & Dr. Likith Shetty

Moderators: Dr. Kalyani R & Dr. Ashwini N S

Dr. Ashwini N S, Professor, Chief coordinator of SRLJIIC welcomed the students for an innovation orientation session on SRLJIIC.

Purpose of the event:

The "From Idea to Impact: An Innovation Orientation" lecture was designed to introduce undergraduate MBBS students to the concept of innovation and its relevance to their future careers in health sciences. The session aimed to:

- Define innovation and its key components.
- Explain the importance of innovation in contributing to society.
- Identify the necessary elements for fostering innovation.
- Highlight the role of incubation centres in supporting innovative ideas.
- Showcase government and institutional initiatives promoting innovation.

Dr Sudarshan K delivered the session:

The lecture began by defining innovation as the process of transforming ideas into solutions that create value and are effectively implemented. It emphasized the importance of innovation for driving positive societal impact, increasing operational efficiency, reaching new markets, enhancing customer satisfaction, and developing new products and services.

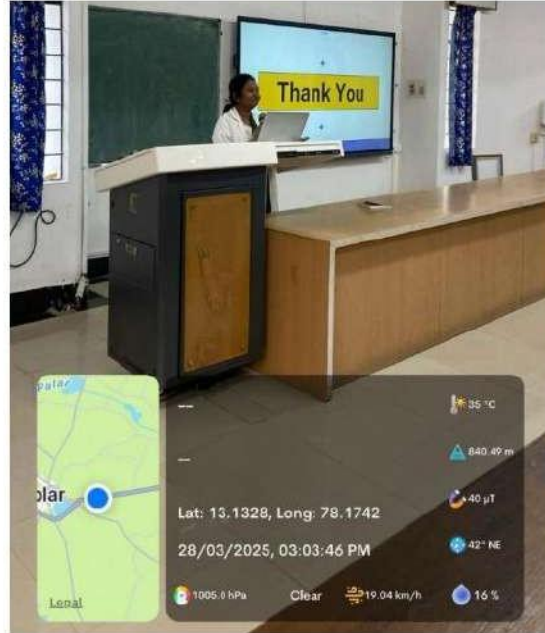
The session highlighted the need for a supportive environment, educational practices that promote innovation, and the cultivation of personal qualities and mind-sets conducive to innovation. The role of incubation centres in providing mentorship, funding, and resources to nurture innovative ideas was also discussed.

Furthermore, the lecture showcased the Government of India's initiatives through the Ministry of Education's Innovation Cell and Institution's Innovation Councils.



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Sri R L Jalappa Innovation and Incubation Cell at SDUAHER was presented as a key institutional initiative to foster innovation and entrepreneurship in health sciences, with the goal of transforming innovative ideas into viable businesses for societal and economic benefit.

The session concluded with inspirational quotes emphasizing the importance of learning to innovate for the future and the power of creating the future.



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Innovation and Incubation Cell

Dr Likith gave the key takeaways:

- Innovation is crucial for the advancement of healthcare and societal well-being.
- Creating a supportive ecosystem is essential for fostering innovation among students.
- Initiatives at the government and institutional level are in place to support innovation and entrepreneurship in health sciences.

Recommendations:

- Further workshops and practical sessions could be organized to provide hands-on experience in innovation and entrepreneurship.
- Mentorship programs connecting students with experienced innovators and entrepreneurs could be established.
- The institution could explore opportunities to collaborate with industry partners to translate innovative ideas into real-world solutions.

Session concluded with the vote of thanks from Dr. Likith Shetty.

Organizing Chairperson
Dr. Kalyani R
Director, R & D Cell
SDUAHER



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Academic Year: 2025-2026

Sl. No	Event Report
1	Name & Level of Event
	State level CME on “World Intellectual Property Rights Day” celebrated on 26/4/'25
2	Background / Introduction
	<p>Intellectual Property Rights (IPR) is legal protections granted to creators and inventors to safeguard their original works, inventions, and brands. These rights enable individuals and businesses to control the use of their intellectual creations and to benefit financially from them. Understanding and respecting intellectual property rights is essential in today’s knowledge-driven economy. To create awareness of this every year 26th April is celebrated as “World Intellectual Property Rights Day” all over the country.</p> <p>In view of the above, the Intellectual Property Rights Cell and Research and Development Cell of SDUAHER, organized State level CME on “World Intellectual Property Rights Day” on 26th April,2025.</p>
3	Venue
	BC Roy Hall, SDUAHER
4	Sponsors
	SDUAHER & MERT
5	Inauguration
	<p>Chief Patrons: 1) Dr. Muninarayana C, Registrar, SDUAHER. 2) Dr. Prabhakar K, Dean, Faculty of Medicine, SDUAHER.</p>
6	Speakers / Judges / Chairman / Panel Team
	<p>Resource Person:</p> <p>1) Dr. Kalyani R, Director, Research & Development cell, SDUAHER. 2) Dr. Manthan D Janodia M. Adjunct Faculty, IPR Cell, SDUAHER</p>



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	<p>3) Dr. Harsh Pangi, Founder, Patent agent – Indian Patent office</p> <p>Judges for Poster and Paper Competition:</p> <p>1) Dr. Srikanth C, Associate Professor of Pediatrics, SDUMC, Kolar.</p> <p>2) Dr. Vimarshitha, Associate Professor of OBG, SDUMC, Kolar.</p> <p>3) Dr. Soumya, Assistant Professor of Biochemistry, SDUMC, Kolar.</p> <p>4) Dr. Ruth Sneha, Associate Professor of Psychiatry, SDUMC, Kolar.</p>
7	Participants & Delegates in Number
	<ul style="list-style-type: none">• 100 participants [Faculties and PhD Scholars from Faculty of Medicine, FAH & BS, SDU College of Nursing, RLJ College of Pharmacy].• IPR organizing team and R & D committee members.
8	Awards / Prices
	<ol style="list-style-type: none">1. Best Poster for Dr. Lavanya, Assistant Professor of Pediatrics2. Best Paper for Dr Bharghavi Final Year Postgraduate of Pediatrics and Mr Nephi Jones S from Department of Speech Pathology and Audiology
9	Valedictory
	At the end of the workshop, the Certificates were distributed to the delegates and organizers by Dr. Kalyani R, Dr Venkateshwara Raavi and Dr Sangeetha T.
10	Any Other Information
	Enclosed the highlights of the event including photos



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The event commenced by a brief introduction of the program by Dr. Meera who invited Dr Sangeetha T for the introductory talk on the purpose and importance of “*World Intellectual Property Rights Day*” celebrated globally on 26th April.





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This was followed by first session when Dr Narendra, Assistant Professor of Ophthalmology, SDUMC introduced the speaker Dr. Kalyani. R, Director R & D for her talk on *“Intellectual Property Rights in medical Sciences”*.





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In the next session Dr. Harsh Pangri sensitized the audience on **IPR** with the following key points:

- Criteria for granting a patent – Novelty, Utility, Unobvious or non-obvious
- How is patent search done
- Comparison of different IP forms
- Design – requirements for registration of design

This session was followed by inuagural event.



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Melodious rendition by the IPR cell member, **Mr. Abhijith**, Assistant professor from the Speech pathology & Audiology department to invoke the blessings of the almighty Lord.

Next the MC invited **Dr. Kalyani R, Director, Research & Development cell, SDUAHER** welcomed all the patrons, committee members and gathering for the workshop.





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The MC invited all the esteemed guests to water the plant in the spirit of nurturing and fostering growth.



Our respected Registrar **Dr. Muninarayana. C** and Dean Faculty **Dr. Prabhakar. K** was invited to address the gathering.

The dignitaries Dr. Muninarayana. C and Dr. Prabhakar felicitated the distinguished guest speakers





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Mr Bharath, co-organizing secretary introduced Dr Dr. Manthan D Janodia the next speaker.



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Dr. Manthan D Janodia continued with his next session sensitizing the audience on **IPR** with the following key points:

- **Trade marks**
- **Copyrights**
- **“Open Forum: Inquiries and Insights”**- Q&A session between the Resource Person and the Delegates.

In the next session Dr. Harsh Pangri continued to sensitize the audience on **“IP protection strategies for medical innovations: opportunities and challenges”** with the following key points:

- Types of medical innovations and IP framework in India
- Unique challenges for Indian medical innovators
- Practical IP strategies for innovators

His enlighten talk was followed by an exciting interactive doubt clearing discussion by the delegates with the speaker.



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After the insightful session Dr. Karthik welcomed all the judges and initiated the research paper and poster presentations by faculty and residents.



Dr. Lavanya.



Dr Vishaka



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Dr Swethamrutha

Dr. Nephi Jones

Felicitation of the judges of poster and paper presentations in the program by the IPR committee members



Dr. Srikanth



Dr. Vimarshitha



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Dr Ruth Sneha



Dr Soumya N



The session was concluded by vote of thanks delivered by **Dr. Karthik. S**, Co-organizing Secretary, IPR Cell, SDUAHER.



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Winners of the poster and paper presentation

Best Poster for Dr. Lavanya, Assistant Professor of Pediatrics

Best Paper for Dr Bharghavi Final Year Postgraduate of Pediatrics and Mr Nephi Jones S from Department of Speech Pathology and Audiology

Prepared by

Dr. Sangeetha. T

Chief coordinating officer, IPR

Approved by

Dr. Kalyani. R

Director R&D Cell, SDUAHER