

# *School of Allied & Healthcare Sciences*



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



## *NewsLetter*

*July 2025*



### **Events July 2025**

- International Conference
- Guest lecture for the students of Anesthesia & CVT
- Healthcare on Wheels—Health Camps

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## *NewsLetter*



*Expert Talk by Dr. Naveen Kumar Challa on  
“Uncovering Preclinical Diabetic Retinal  
Changes using Swept Source OCT Imaging”.*

*Talk by Dr. P. Appa Rao on “Histamine in Health and Disease”.*



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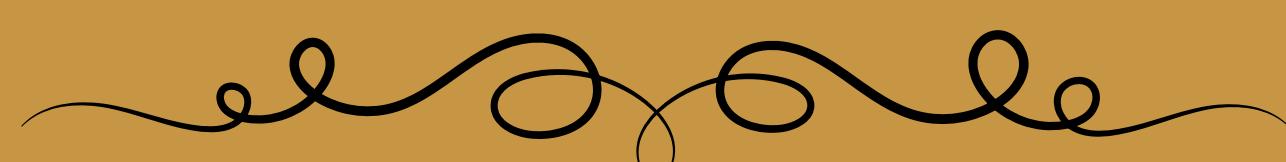


## *NewsLetter*



*Session by Dr. Rajendra Mishra on  
“Radiation Safety in Diagnostic  
Radiology – an ISO17025  
Approach”.  
Afternoon Session:*

*Talk by Dr. S. Sridhar on  
“Innovative Membrane  
Technology for Healthcare”*



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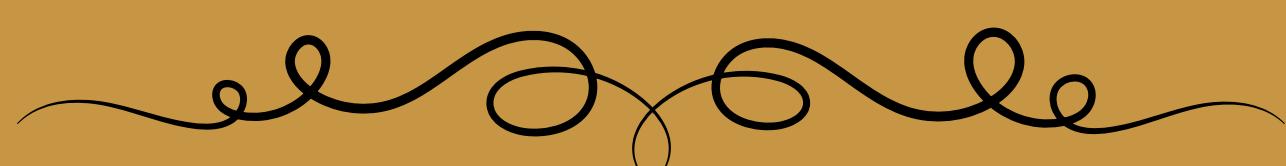
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## *NewsLetter*



*Technical Events - Students from various colleges have participated*



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## NewsLetter



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## NewsLetter

Day 2: 25th July 2025



*Talk by Dr. G.S.N Koteshwar Rao on  
“Innovative Approaches in Drug  
Delivery*

Dr. G. S. N. Koteshwar Rao presented an enlightening talk on recent advancements and creative strategies in the field of pharmaceutical drug delivery. His session emphasized how cutting-edge technologies are transforming the way therapeutic agents are transported to specific sites in the human body, aiming to improve efficacy, reduce side effects, and enhance patient compliance.

### Key Highlights

#### *Challenges in Conventional Drug Delivery*

*Limited bioavailability and rapid clearance of many active compounds.*

*Poor patient adherence due to frequent dosing.*

*Non-specific distribution leading to systemic toxicity.*

#### *Novel Delivery Systems*

*Nanoparticle Carriers: Liposomes, polymeric nanoparticles, and dendrimers designed for controlled release and targeted delivery.*

*Transdermal Patches and Microneedles: Painless, sustained drug release bypassing the gastrointestinal tract.*

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### Talk by Dr. Indira Sudha on "Fingerprints in Medico-Legal and Clinical Practice"

Dr. Indira Sudha presented an insightful session exploring the multifaceted role of fingerprints beyond traditional crime investigation. Her talk highlighted how dermatoglyphics—the scientific study of fingerprint patterns—has become an indispensable tool not only in forensic identification but also in various branches of clinical medicine.

Prof. C. Santhamma delivered an engaging talk highlighting the origins, principles, and contemporary relevance of Vedic Mathematics, an ancient Indian system of calculation derived from the Atharva Veda. She explained how this approach simplifies arithmetic and algebraic operations through a set of mental strategies known as sutras (aphorisms).



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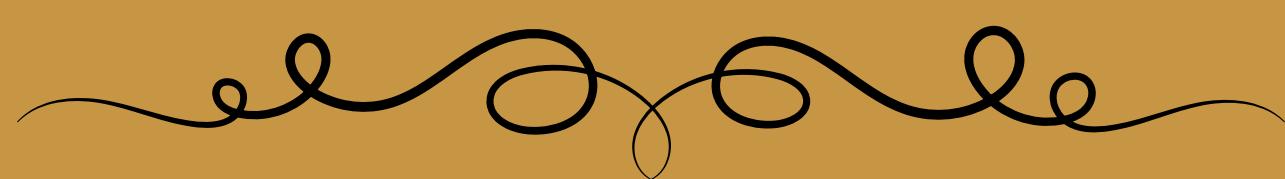
## *NewsLetter*

*Day 3: 26th July 2025*



*Dr. D. Vidya Sagar on “Radiological Emergencies and Preparedness in Nuclear*

*Dr. D. Vidya Sagar, an experienced nuclear medicine specialist, presented an in-depth session on the challenges and best practices related to radiological emergencies in medical and research settings. His lecture emphasized that while nuclear medicine routinely uses small quantities of radioactive isotopes for diagnosis and therapy, accidents or mishandling can pose significant risks to patients, staff, and the environment.”*



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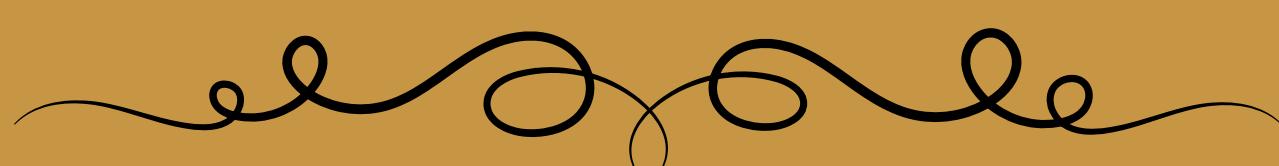


## *NewsLetter*



*5G in Electronics by Dr. M. Murali Krishna*

*Talk by Dr. Nagesh Kolagani on "AI for Ayurveda: An Iterative Framework for Development of Deep Learning-Based Classification Models to Identify Skin Diseases"*



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*Total Participants Each Day: 262*

*Total Technical Sessions Conducted: 9*

*Poster Presentations: 2 rounds over 3 days*

*Expert Talks: 12 by national and international resource persons*

*Special Features: Cultural program, Campus Tour, and Lunch on all three days.*

