




# SAI RAM ENGINEERING COLLEGE

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Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairam.edu.in](http://www.sairam.edu.in)



## Report on Distinguished Lecture Program conducted on topic "Wireless powered communications in the era of 6G"

Department of Electronics and Communication Engineering in Association with IEEE Communications Society (ComSoc) Student Branch Chapter, proudly conducted a Distinguished Lecture Program on "Wireless Powered Communications in the Era of 6G" on 18.03.2025 @ 1:30pm.





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West Tambaram, Chennai - 44

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**Sairam**  
RAISE EOMS SDG ACTION

DISTINGUISHED LECTURE PROGRAM ON  
**WIRELESS POWERED COMMUNICATIONS IN THE ERA OF 6G**


18.03.2025, Tuesday @ 1.30 PM,  
Venue : Beta Hall




Resource Person  
**Dr. Ioannis Krikidis**  
Professor, IEEE Fellow  
Head of IRIDA Research Laboratory  
for Communication Technologies  
Department of Electrical and Computer Engineering  
School of Engineering, University of Cyprus, Cyprus




**IEEE**




**IEEE ComSoc**  
IEEE Communications Society



**IEEE Sairam**



**Sairam**  
Innovation  
Eco-system



This insightful session was delivered by Dr. Loannis Krikidis, Professor, IEEE Fellow, and Head of the IRIDA Research Laboratory for Communication Technologies at the University of Cyprus, Cyprus. His expertise in Wireless Communications, Signal processing, and Energy-efficient Networks will provide participants with a deep understanding of the future of Wireless-powered Communications and 6G Technology. The event was coordinated by Dr K.Sumathi, Profesor, Department of ECE & Advisor IEEE COMSOC Society, Sri Sairam Engineering College. The students from third year attended the Virtual session organized at beta hall. The event was volunteered by office bearers of and faculty members handling the subject wireless communication. A total of 224 students participated in the event, with question answer sessions and with faculty & students interactions.

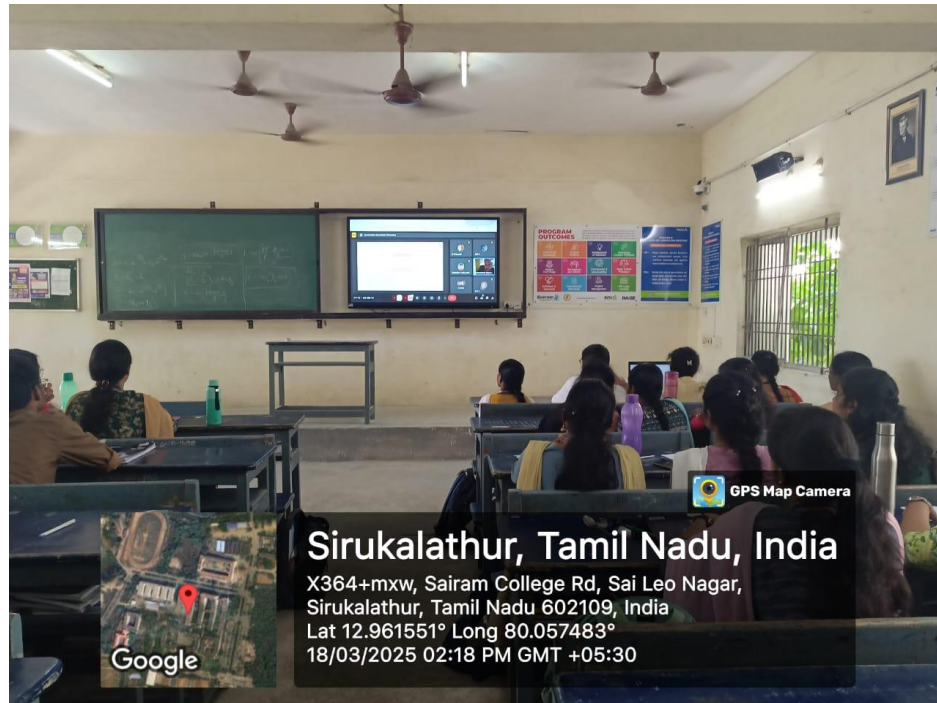
Glimpses of pics during the session speaker welcome address on 18.3.2025





Venue :At Betal hall live session



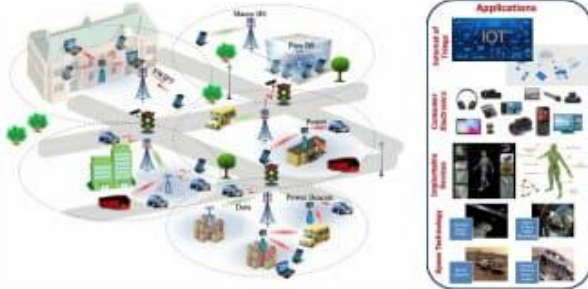


Venue :At Class room live session

## Concluding Remarks

Information and Energy co-engineering and co-design.

- Smart Grids, Energy Harvesting, Green Radio, Power Line Communications etc.
- Wireless Powered Communications**
  - Enabling technology, building block for the upcoming 6G wireless technologies.



44/48

dwavekrik...

dwavekrikidis is presenting

You have extensions installed that may affect the quality of your call. [Learn more](#) [Dismiss](#)

dwavekrikidis dwavekrikidis (Presenting)

### Outline

- 1 Introduction & Basic Background
  - Wireless Power Transfer Technologies
  - Wireless Powered Communications
- 2 Research Studies
  - Mathematical modelling
  - Fundamental limits
  - Link-level design
  - System-level design
  - Experimental studies
- 3 Conclusion

Dr K.Sunathi pinned a tile for everyone.

ECE D ECE C

SABARISH S 2022-2024

LAKSHMI DEVI R

Someone wants to join this call. [View](#)

1:45 PM | DLP Program on Wireless Powered Communic...

Question answer session and interaction with the speaker

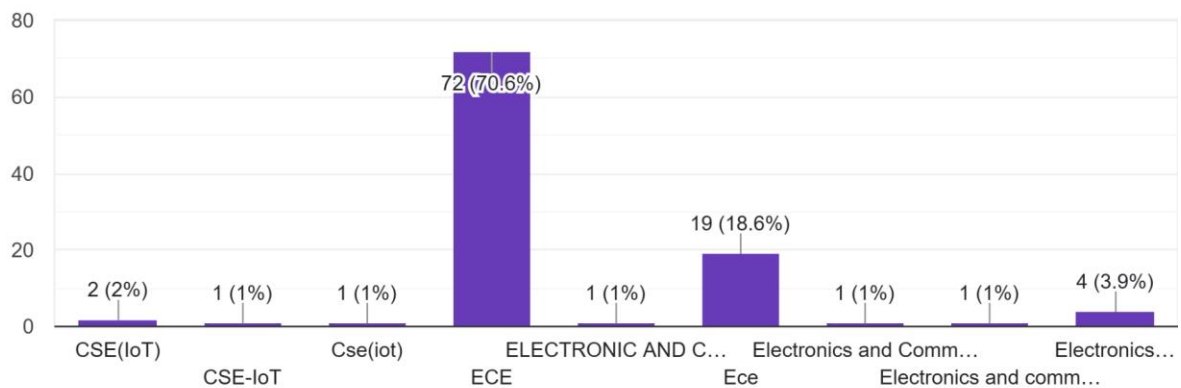


During Honouring the speaker and session ended with vote of thanks and feedback

Feedback on DLP 18.3.2025

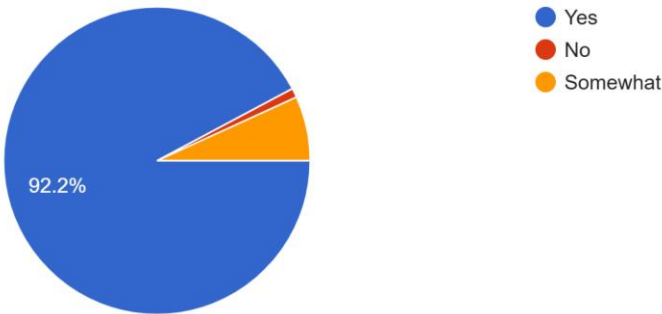
#### DEPARTMENT

102 responses



Was the lecture engaging and easy to understand?

103 responses



Would you like more hands-on workshop or practical demos on 6G and wireless-powered communication?

103 responses

