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2025  
NATIONAL  
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2<sup>nd</sup> International Conference  
on  
**RECENT ADVANCES IN  
WIRELESS COMMUNICATIONS  
& EMERGING TECHNOLOGIES**  
**(RAWCET-2025)**

19<sup>th</sup> - 20<sup>th</sup> December 2025

Organized by

Communication Systems Research Group (CSRG)

Department of ECE, KLEF

in association with DST-PURSE and IEEE SB, KLEF



<https://www.kluniversity.in/ece/rawcet-2025/>

We are honoured to invite you to *2<sup>nd</sup> International Conference on Recent Advances in Wireless Communications & Emerging Technologies (RAWCET-2025)*, organized by KLEF in association with DST-PURSE and IEEE Student Branch on December 19–20, 2025 in Hybrid Mode. The conference aims to provide a platform for students, researchers, academicians and industry professionals to share and discuss trends, advancements and future innovations in Wireless Communications, RF System Design, Antennas, Signal Processing, Materials, PCB Design Techniques, Space Technologies and Quantum Technologies. Academicians and industry professionals will present the latest technologies and innovations. Participants will gain networking, fostering collaboration and knowledge exchange.

RAWCET-2025 aspires to inspire new research directions and innovative solutions for the challenges of 21st-century communication technologies.

**KONERU LAKSHMAIAH EDUCATION FOUNDATION:** Established in 1980, KLEF is a pioneer in the field of Engineering education and research in India. K L E F has been declared as Deemed to be University by MHRD. It is recognized by the Department of Scientific and Industrial Research (DSIR) as Public Funded Research Institute (PFRI). It also has collaborations for conducting Joint research with several Institutes around the globe. It received “The best

educational Institute award in engineering” by Asian Confederation of Business. In 2019 UGC, MHRD declared this institution as Category I.



The Department of Electronics and Communication Engineering, established in 1983 has a strong team of 120 faculty members, including 110 Ph.D. holders. The department features 7 state-of-the-art laboratories, 2 Centers of Excellence and 8 Research Centers equipped for UG, PG and Ph.D. research. With over ₹32.9 crores in sponsored projects from DST-FIST, ISRO, DLRL, DOT and DEAL, the department has produced 4500+ journal papers and 1000+ conference papers.

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## Conference Themes

### Advanced Materials

- Metamaterials and Metasurfaces
- Nanomaterials
- Flexible and Stretchable Materials
- Advanced Dielectric Materials
- Photonic and Plasmonic Materials

### Wireless Communication

- 5G Networks and Communication
- MIMO in Wireless Communication
- Sustainable Communication Technologies
- Vehicle Communication Systems and Internet to Vehicles
- NANO communications Beyond 5G and 6G
- Software Defined Radio
- Cognitive Radio
- Satellite Communication & its applications
- Space technologies

### Data Communication

- Communication Network and Information and Cyber Security
- Communication Protocols Design and Management
- Internet of Things and Big Data
- AI for Wireless Communication Networks and Systems
- Communication Device Modelling, and Coding Analysis
- Networks and Protocols
- Cloud & Edge Computing
- Wireless Sensor Networks
- Multimedia and Annihilation

### RF & Microwave

- Electromagnetic and Photonics
- Novel Microwave Theories and Technologies
- Advances in Millimetric Wave propagation
- High Frequency Devices

### Plasma Devices

- Metamaterial and Graphene Applications
- Antenna Array synthesis & pattern tenability
- Advanced & Modern Antenna applications
- Optimization techniques in Antenna Design
- Millimetric wave and Radar Applications
- EMI/EMC

### Signal Processing

- Analog and Digital Signal Processing
- Image, Audio & Video Processing Analysis and Applications
- Biomedical Signal Processing & Applications
- Neural Networks and Fuzzy Logic

### Robotic Communication

- Intelligent Robotics and

Mechatronics

- Automation and control systems
- Locomotion & manipulation in biological & robot systems
- Micro Electro-Mechanical Systems (MEMS)
- Micro Robotics
- Multi-Agent Collaborative Systems (MACS)
- Drone for research and applications

## Quantum Communication

- Quantum Materials
- Quantum Key Distribution (QKD) Protocols and Security
- Quantum Networks, Repeaters and the Quantum Internet
- Satellite-based and Free-Space Quantum Communication
- Quantum Cryptography and Post-

## Quantum Security

- Photonic Devices, Single-Photon Sources and Detectors
- Quantum Error Correction and Noise-Resilient Communication
- Hybrid Classical Quantum Communication Systems
- Applications of Quantum Communication in 6G and Beyond

## Registration Fee:

Category	Non - IEEE	IEEE
Faculty/Research/Industry	₹ 3,000	₹ 2,500
UG/PG/Research scholars	₹ 2,500	₹ 2,000
Participants as attendees	₹ 2,000	₹ 1,500

- Registration fee includes access to all sessions, conference kit, snacks & Lunch.
- All selected papers will be published in conference proceedings with ISBN.
- Registered and presented papers will be considered for publication in scopus/ web of science indexed journals, conference proceedings or edited volumes. APC if applicable, must be paid by the authors as per respective journals policy.
- Selected papers may be recommended for submission to “Wiley-Energy Technology” and if accepted will be included in a topical special collection in the journal

## Important Dates:

Paper Submission Deadline: **November 15, 2025**

Notification of Acceptance: **November 25, 2025**

Camera-Ready Submission: **December 05, 2025**

Conference Dates: **December 19–20, 2025**

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**Paper submission: ececonference.csrg@kluniversity.in**

## Contact Details:

### Dr. N Prabakaran

Assoc. Professor, ECE

Phone no: +919994775459

### Dr. A V Prabu,

Assoc. Professor, ECE

Phone no: +918185077835

**Email id: ececonference.csrg@kluniversity.in**

KLEF Deemed to be University, Green Fields, Vaddeswaram, Guntur District, A.P., INDIA. Pincode : 522 302.

