

## Guide lines for paper submission

- ❖ Experimental investigation with specific conclusions
- ❖ Original Contribution, not published earlier
- ❖ Case studies of industrial importance
- ❖ Simulation studies with practical demonstration/result
- ❖ Design of Instruments / Systems / Software

## Format for submission of paper

- ❖ Paper should not exceed Eight A4 Size sheets
- ❖ For details <http://ecergmcet.com/>
- ❖ Registration link:  
<http://ecergmcet.com/Registration.php>

## Dates to Remember

Particulars	Dates
Last Date of Paper Submission	04-04-2023
Paper Accepted Date	12-04-2023
Date of Conference	15 <sup>th</sup> -17 <sup>th</sup> Apr-23

## Registration Fee

Particulars	Fee
➤ Participation only	₹ 500
➤ Online Presentation only	₹ 1000
➤ Online presentation and publication in a book as a chapter with DOI and ISBN	₹ 2000
➤ Online presentation + AIP CP Publication	₹ 8700
➤ Overseas Online presentation	\$ 150

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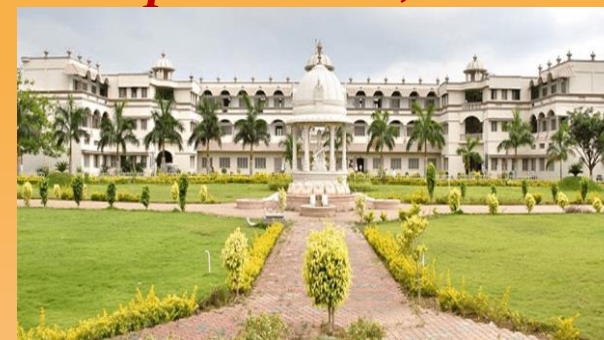
## International Conference on Emerging Trends in Electronics and Communication Engineering

# ICETEC-2023

(online Mode)

Organised by  
**Department of Electronics  
and Communication  
Engineering**

**April 15<sup>th</sup>-17<sup>th</sup>, 2023**



**RAJEEV GANDHI MEMORIAL COLLEGE  
OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)**

Nandyal – 518 501  
Andhra Pradesh



[www.ecergmcet.com](http://www.ecergmcet.com)  
[www.rgmecet.edu.in](http://www.rgmecet.edu.in)

## ABOUT RGM CET

The college was established in 1995 and is situated 10 km away from Nandyal on NH-40 (old 18) towards Kurnool. It has been setup with the aim to achieve technology excellence through innovation and with a motto of "EDUCATION for PEACE". It is approved by AICTE and accredited by NBA (Tier I-all eligible UG programs), New Delhi, affiliated to JNTUA, Ananthapuramu, accredited by NAAC with A+ Grade, New Delhi UGC Conferred CPE Status, APSSDC-SIEMENS-TSDI, Recognized UGC DDU Kaushal Kendra. The college offers 9 U.G. programs, 7 P.G. programs and 7 research programs. The Institution possesses very good infrastructure and faculty.

## ABOUT ECE DEPARTMENT

The Electronics and Communication Engineering (ECE) Department was established in the year 1995. The department offers UG Engineering –B. Tech, PG Engineering – M. Tech that provide students with the knowledge and skills they need to succeed in the Electronics and Communication Engineering. The Department has a very good infrastructural and instructional facilities to cater the needs of student community of the department. In total 11 well equipped laboratories, Ideation and Innovation Centre and a Research Centre-Virtual Nano Lab are available in the department. The Students have full and unconditional access to software/tools like Cadence, Atomistix Tool kit, Xilinx, Matlab, LabView. FPGA, Arduino Uno, Arduino Due, Raspberry pi, and NI myRIO Kit are available to students to develop a prototype. The department is associated with professional bodies like IEEE, IE(I), IETE and ISTE for faculty and students to enhance their research activities. The Electronics and Communication Engineering is the largest department in the college. The department has around 134 lakhs worth of Sponsored projects and consultancy from DST, SERB, AICTE etc. The department has received continuous and on-going accreditation from the National Board of Accreditation.

## SCOPE OF ICETEC-2023 CONFERENCE

Two-day Virtual International Conference (ICETEC-2023) will be organized by ECE department, RGM CET during April 15<sup>th</sup> - 17<sup>th</sup>, 2023 through online mode. A number of proven personalities from Industry, Research Organizations and Academic Institutions have given their consent to grace the conference to emphasize the benefits of Recent Trends in Electronics and Communication Engineering for a wide variety of engineering applications.

## CONFERENCE THEME

### Track 1: Semiconductor Devices, VLSI Design, Electronic Circuits Design

• Electronic Devices • Analog & Digital Electronic Circuits • Electronic Design Automation • System on Chip • Power Systems and Power Electronics • CMOS Circuit Design • VLSI Design • FPGA and ASIC design • Electronic Circuits Design for Healthcare

### Track 2: MEMS/Nano Technologies, IoT & Biomedical Systems

Micro and Nano Fabrication & Manufacturing process • Advanced Memory devices and circuits • Power Semiconductor technology and circuits • MEMS/NEMS • 3D Process and Integration Technologies • Biomedical Devices, Sensors • Instrumentation and Diagnostics.

### Track 3: Multi Model Signal Processing with AI & ML for Healthcare Applications

Machine Vision & Learning • Pattern Analysis • Image Processing • Sensor array & Multi-channel • Medical and biomedical imaging • DSP Algorithms & Architectures • Audio/Speech & Video Processing and Systems • Adaptive, Statistical, Biomedical, Distributed & Satellite Signal Processing • Underwater Communication • AI & ANN

### Track 4: Wireless Communication Technologies, Networks & Big data Applications

Wireless Networks and Applications • CDMA, OFDM and MIMO System Design • 4G/5G/6G Communication and Network • Wireless Sensor & Ad Hoc Networks • Optical Networking • Artificial Intelligence • Cryptography

### Track 5: Electromagnetic, RF, Microwave & Wearable Technology

Electromagnetic Theory • RF & Antenna Design • Mobile and Vehicular antennas • RFID antennas and systems • Broadband / ultra-wideband antennas. • Microwave Circuits and systems

### Track 6: Automation, Robotics & Optimization Algorithms

• Embedded Systems • Robotics • • Optimization Techniques • Parallel and Distributed Algorithms • Neural Networks and Fuzzy Logic

## CONFERENCE SOUVENIR

Conference Souvenir will be brought out during ICETEC 2023 giving abstract of all presented papers

## CALL FOR PAPERS

ICETEC 2023 invites papers related to various techniques on Recent Developments in ECE for presentation. The papers and invited talks by eminent practicing engineers are expected to benefit the participants. Papers presented in ICETEC 2023 will be provided with an opportunity to publish in WoS, E and SCOPUS indexed up on acceptance after satisfactory peer-review by the journal editorial board.

### Address for Correspondence

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