

# Tektronix Event under IETE-ISF

## ABOUT ECE DEPARTMENT

To provide quality and contemporary education in the domain of Electronics & Communication Engineering through periodically updated curriculum, best of breed laboratory facilities, collaborative ventures with the industries and effective teaching learning process. To pursue research and new technologies in Electronics & Communication Engineering and related disciplines in order to serve the needs of the society, industry, government and scientific community.

## ABOUT IETE

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognised professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. Founded in 1953. The IETE is the National Apex Professional body of Electronics and Telecommunication, Computer Science and IT Professionals. It serves more than 1,25,000 members (including Corporate, Student and ISF members) through various 63 Centres, spread all over India and abroad. The Institution provides leadership in Scientific and Technical areas of direct importance to the national development and economy. Government of India has recognised IETE as a Scientific and Industrial Research Organization (SIRO) and also notified as an educational Institution of national eminence. The objectives of IETE focus on advancing electro-technology. The IETE conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India, publishes technical journals and provides continuing education as well as career advancement opportunities to its members.



Organized by



Department of  
Electronics and Communication  
Engineering

**VELAGAPUDI RAMAKRISHNA  
SIDDHARTHA ENGINEERING COLLEGE**  
(AUTONOMOUS)

Affiliated to  
Jawaharlal Nehru Technological University Kakinada,  
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## Themes for Article Writing

1. Full duplex communication
  2. Molecular communication
  3. Power line communication
  4. Visible light communication
  5. Software defined radio
  6. Software defined network
  7. Compressive sensing
  8. Non-OFDM modulation techniques
  9. Wearable technology
  10. Natural language processing using AI
  11. Face biometric with anti-spoofing
  12. Battery less phones
  13. Device to device communication
  14. Meta-Material based microstrip antennas
  15. Resource allocation in sensor networks
  16. Light weight cryptography
  17. Tumor detection/classification using AI
  18. Quantum computing
  19. Distributed signal processing
- and any theme related to electronics and communication department.

## ABOUT IETE-ISF

IETE-ISF was established in the department of Electronics and Communication engineering in the year 1995. A total of 203 students from 2nd and 3rd year ECE have volunteered to be the members of this forum. Head of the Department of ECE, formed the Student Management Committee comprising of 6 members and also nominated a staff in-charge.

Who can Register?

Students studying in B.Tech. are eligible for this event.

Note: Prizes will be distributed for the on-going event and all participation certificates are provided to the participants.

### Paper Guidelines for Submission:

- I. The article length should contain 4 pages at least. It should be in a two-column format. In general, a full article consists of "Introduction", "Objectives", "Methods", and "Discussion" and "Conclusions". English is treated as the only written language throughout the text.
- II. The text of the article should be typed on the standard A4 paper, with the 19 mm margins at top and 27 mm at bottom, and 13 mm margins at left and right. The paper should be typed single-spaced using Times New Roman font. Text should be 10-pt., the title 16-pt., the abstract 9 pt, figure captions and references should be 8-pt, header 7 pt. All paragraphs must be indented.
- III. All paragraphs must be justified, i.e., both left-justified and right-justified. The entire document should be in Times New Roman or Times font. Type 3 fonts must not be used. Other font types may be used if needed for special purposes.
- IV. Kindly select any one topic of your choice from the given topics. Please provide proper references for the data that you may have used in your article.
- V. Please submit/upload the softcopy of your paper at [prasadkv@vrsiddhartha.ac.in](mailto:prasadkv@vrsiddhartha.ac.in) by 28th June 2021.

Registration Link:

<https://forms.gle/T3pU4AEb3JPs6fYK9>

Last Date to submit an article:

**28/06/2021**