

PROGRAM COMMITTEE

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Sir C R Reddy Educational Society, Eluru

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Sir C R Reddy College of Engineering, Eluru

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Dr. A. Srinivasa Reddy,
Professor & Head of the Department

Coordinator

Dr. M. Veera Kumari, Professor,
Department of EEE,
Sir C R Reddy College of Engineering, Eluru
Contact No: +919492225471

Co-Coordinator

Sri L. Vamsi.Narasimha Rao, Assistant Professor,
Department of EEE,
Sir C R Reddy College of Engineering, Eluru
Contact No: +917382220107

Advisory Committee

Dr. Y. Butchi Raju, Professor
Sri. S.R. Sagar, Associate Professor
Sri. A. Surya Prakasa Rao, Sr. Assistant. Professor
Department of EEE,
Sir C R Reddy College of Engineering, Eluru

Organizing Committee

Dr. Shaik Chanbasha, Associate Professor.
Sri N. Ramanarayana, Assistant. Professor
Sri. B. Sambasiva Rao, Assistant Professor
Department of EEE,
Sir C R Reddy College of Engineering, Eluru

Major Topics

- Blockchain applications in Power systems
- Grid Optimization and Management
- Power Systems Security Monitoring
- Cyber security Challenges in Smart Grids
- AI-Driven Cyber security Solutions
- AI-Driven Quantum Cyber security
- Grid Optimization and Management

About the Programme

Blockchain applications in the Power Systems, and cyber security in smart grids is critical for ensuring efficiency, resilience, and protection against cyber threats. Smart grids integrate advanced digital communication, automation, and IoT-based technologies to enhance power generation, distribution, and consumption.

Eligibility

Faculty members, PG/PhD Scholars from various Engineering Colleges, working professionals and practicing engineers from various research organizations and industries can apply. Continuous comprehensive assessment of candidates shall be carried out and certificate shall be issued by AICTE Training and Learning (ATAL) academy on satisfying the requirements mentioned.

Contact Details

Phone No.: +919492225471, +917382220107
E-mail: veeramaddipatikumari@gmail.com
<https://atalacademy.aicte-india.org/signup>



Six days ATAL Sponsored Offline FDP on

BLOCKCHAIN AND CYBER SECURITY ISSUES IN SMART GRID



7th to 12th September 2026

Sponsored by

AICTE Training and Learning (ATAL) Academy
AICTE, New Delhi

Offline FDP

Organized by
Department of Electrical and Electronics
Engineering,

**Sir C R Reddy College of Engineering
(Autonomous)**

Vatluru, Eluru, Andhra Pradesh-534007

Website: <https://sircrengg.ac.in/>

About College

Sir C.R. Reddy College of Engineering (CRRE), established in 1989 by Sir C R Reddy Educational Society, stands as one of the premier engineering institutions in Andhra Pradesh. Approved by AICTE and permanently affiliated with JNTUK, Kakinada, CRRE has earned an 'A' grade accreditation from NAAC and attained autonomous status for five years since 2019. With a strong emphasis on innovation, research, and industry relevance, CRRE provides a dynamic learning environment that nurtures talent and prepares students for successful careers. The institute takes pride in shaping the future of thousands of students year after year, offering them the opportunity to grow, explore, and achieve their full potential. It is easily accessible from any part of the country by rail as well as road.

About the Department

About the Department: Electrical and Electronics Engineering department established in 1994, with efficient faculty who are imparting their knowledge to students as per the latest industrial needs. Both UG and PG students are nurtured as per the market demand with core technical and competitive skills. Students are trained up to develop innovative ideas to meet the upgrading research activities with well-furnished laboratories. In its journey of 31 years, the department craved many entrepreneurs.

Vision

To be a department of excellence in the region in Electrical and Electronics Engineering through high quality teaching, research, innovation and holistic development of students required for modern industry.

Mission

To achieve the vision of the Department, the Department of Electrical and Electronics Engineering has adopted the following mission.

M1. Impart high quality teaching in tune with industry requirements so as to mould students into competent professionals.

M2. Create an inspiring environment of enquiry and research for lifelong learning.

M3. Make students employable with necessary skills as demanded by modern industry.

M4. Imbibe ethical and moral values and inculcate social responsibilities for development of society.

About ATAL

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of human resource development. Council understands that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies. As a part of its activity this FDP program sponsored by ATAL will be conducted at Department of EEE, SIRCRRCOE from 07th September to 12th September 2026. The primary goal of this FDP is to equip participants with the basic knowledge of the Block chain and Cyber security Issues in SMART GRID and to inspire participants to engage in research and development within these cutting-edge areas.

Resource Persons

1. Dr K A Chinmaya

Associate Prof in EEE Dept., IITBHU, Varanasi.

2. Dr. SK Hafizul Islam

Associate Prof in CSE Dept., IIIT Kalyani

3. Dr V. Sandeep

Assistant Professor in EEE Dept., NIT AP.

4. Dr. D. Santhadevi ,

Senior Assistant Professor, VITAP

5. Sri Ch. Surendranath

Senior SAP Solution Architect in T-Systems India Pvt Limited, Bangalore.

6. Dr. Muralidhar Patruni

Founder, Quaxlis Labs

Officer In-charge Cyber security, R&D

GVP(W), Vishakapatnam

7. Sri C.Madhusudhan

Security Researcher, Honeywell

8. Dr. Prasanta Kumar Jena

Assistant Professor in EEE Dept.

SR University, Warangal.

How to Apply

Faculty from all CFTI/VIT/IIST/NITs Central Universities/State Technical Universities/Private and Deemed to be Universities conducting technical programmes and AICTE Approved Institution can participate in the programme. There is No Charge for Registration, Course and Certification. Applicants can fill the registration form only through online mode available at <https://atalacademy.aicte-india.org/signup>

Accommodation: Outstation candidates may be accommodated in the college hostel on a paid basis, subject to request and availability.

Important Dates

Last date for receipt of applications: **30-08-2026**

Intimation of selection: **01-09-2026**

Selection of approval for long distance participants will be provided well in advance.