

RESOURCE PERSONS

- **Dr.V.NATARAJAN**,
Scientist,
Society for Electronic Transactions and Security,
Chennai.
- **Dr.S.MOORTHY**,
Professor, Electrical & Electronics Engineering,
National Institute of Technology, Trichirappalli
- **Dr. DIPANSHU NAWARE**,
Assistant Professor, Electrical & Electronics
Engineering, National Institute of Technology,
Trichirappalli
- **Dr.M.SANGEETHA**,
Associate Professor, Information Technology,
Coimbatore Institute of Technology, Coimbatore.
- **Dr.M.SABARIMALAI MANIKANDAN**,
Associate Professor, Electrical Engineering,
IIT Palakkad.
- **Dr. S.V.MANISEKARAN**,
Assistant Professor (Sl.Gr) & Head
Department of Computer Science Engineering
Anna University Regional Campus Coimbatore.
- **Dr. K. SARAVANAN**,
Associate Professor,
Computer Science and Engineering,
College of Engineering, Guindy.
- **Dr. V. MURUGAN**,
SI (Technical), Cyber cell
- **Dr. K. SUTHENDRAN**,
Professor, Head- Cyber Forensics
Laboratory, Kalasalingam University,
Krishnankoil.
- **Dr. S. SUMATHI**,
Associate Professor & Head,
Department of Computer Science (AIML),
Sri Eswar College of Engineering, Coimbatore.

ORGANIZING COMMITTEE

PATRON

Dr. K. MANONMANI

Principal
GCT, Coimbatore

HOD/FDTC

Dr. T. PURUSOTHAMAN

Professor/FDTC
GCT, Coimbatore

CONVENOR

Dr. S. SARAVANA KUMAR

Assistant Professor(Sl.Gr),
Department of Electrical & Electronics Engineering
Anna University Regional Campus Coimbatore

COORDINATOR

Dr. L. SHEELA

Assistant Professor,
Department of Electrical & Electronics Engineering
Anna University Regional Campus Coimbatore

IMPORTANT DATES

Last date for registration : 04-11-2025

Confirmation of Participants: 05-11-2025

ADDRESS FOR CORRESPONDENCE

Dr. N. KARIMILLA BI

Assistant Professor (Mathematics)
Faculty Development Training Centre
Government College of Technology
Coimbatore 641013.

[Email: ftc.fdp@gct.ac.in](mailto:ftc.fdp@gct.ac.in)



**Tamil Nadu State Government Sponsored One
Week Offline Faculty Development Programme
on**

**CYBER SECURITY IN ELECTRICAL
AND ELECTRONICS SYSTEMS –
PROTECTING SMART DEVICES AND
NETWORKS**

10.11.2025 to 14.11.2025



Organized by

Faculty Development Training Centre

Government College of Technology

Coimbatore-641013

Tamil Nadu, India

&

**Department of Electrical and Electronics
Engineering**

Anna University Regional Campus- Coimbatore,

Coimbatore – 641 046

Tamil Nadu, India

ABOUT GCT COIMBATORE

Government College of Technology, Coimbatore formerly known as the Arthur Hope College of Technology, was started in July 1945 to give high priority to Technical Education. The institute was renamed as Government College of Technology and affiliated to University of Madras in 1951. The institute offers nine UG and eleven PG Programme with recognized research supervisors to pursue M.S. (by Research) and Ph.D. Programme. The institute was granted full autonomy for all the UG and PG courses from the academic year 1987-88. Each department has well qualified faculty members and excellent infrastructural facilities. The institute received TEQIP funds in Phase I, II and III of MHRD project. The institute is accredited by NAAC with 'A' grade.

ABOUT FDTC CENTRE

The Faculty Development Training Centre (FDTC) was established in the year of 2019 to provide technical trainings to Engineering and Polytechnic college faculty members by Tamil Nadu State Government. It is equipped with sophisticated smart class rooms and tutorial rooms. It provides boarding and lodging facilities to resource persons and participants during the training Programme. The Programme is organized to enhance the teaching skills of faculty members.

ABOUT THE INSTITUTION & DEPARTMENT

Anna University Regional Campus, Coimbatore (AURCC) was originally established as Anna University Coimbatore by the Government of Tamil Nadu under Act 42 of 2006 with effect from 1st February 2007. It was subsequently merged with Anna University, Chennai, under Act 20 of 2011, effective from 1st August 2012. AURCC currently offers 6 UG programs, 2 PG programs and Research programs in the fields of Engineering, Technology and Management. The Department of Electrical and Electronics Engineering is established in the year 2007, with its dedicated body of well qualified faculty, technical staff and students in a multi-disciplinary centre of excellence. The Department is equipped with excellent infrastructure and equipments to explore the technological challenges to industrial needs.

OBJECTIVE

The objective of this Faculty Development Programme is to assist safeguarding confidential data, preventing identity theft and cyber bullying, and upholding academic integrity. In higher education, students and faculty usually bring their own devices, which require additional security and individual due diligence. Students and faculty have to not only think about keeping their personal data safe, but feel confident in their institution keeping their privacy secure as well. To secure people and organizations from cyber attacks, awareness of cyber security is essential. Our Program is to raise awareness of cyber security issues and teach them how to handle passwords securely, spot phishing scams, and safeguard sensitive data.

COURSE OUTLINE

- Cyber Security in Embedded Systems
- Cyber security Assessment of Residential Micro grid Clusters Engaged in Demand Response Program
- Quantum Networks and Quantum Cyber Security
- Emerging Threats in Cyber Security: Trends and Counter Measures
- Hardware Security and Role of Deep Learning: Cyber Attacks, Key Measures, DNN Based Methods and Key Challenges
- Challenges in Network and cyber Security
- Block chain Use case and Applications
- Cyber Crimes and its laws
- Strengthening Smartphone Security through Cyber Security practices
- Impact of AI on Cyber Security

VENUE

Faculty Development Training Centre (FDTC), Government College of Technology, Coimbatore

TARGET AUDIENCE

This Programme is deliberately designed for the faculty members of the AICTE approved institutions (Polytechnic Colleges and Engineering Colleges).

REGISTRATION

- No Registration fees
- Faculty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) are invited to participate in this Programme
- Participants will be selected on first-come first – served basis
- Selected candidates will be intimated by e-mail
- Accommodation and food (Breakfast, Lunch & Dinner) will be provided by FDTC at free of cost

REGISTRATION LINK

<https://forms.gle/EcTGYXZVaKR5nf8VA>

QR CODE



PARTICIPATION CERTIFICATE

Certificate will be issued based on the attendance percentage, test score and active Participation in the Programme.

FACULTY DEVELOPMENT TRAINING CENTRE
GOVERNMENT COLLEGE OF TECHNOLOGY COIMBATORE-13

Tamil Nadu State Government Sponsored One week Offline FDP on
"Cyber Security in Electrical and Electronics Systems –Protecting Smart
Devices and Networks"

10.11.2025 to 14.11.2025

ENROLLMENT FORM

1. Name :
2. Designation :
3. Qualification :
4. DOB & Sex :
5. Department :
6. Name of College :
7. Address for Communication :
8. Mobile No :
9. WhatsApp No :
10. E-mail :
11. Whether accommodation is required (✓) : Yes/ No
12. If required will Reach on(✓) : 09.11.2025 Evening / 10.11.2025 Morning

Signature of the Applicant

This is to certify that Mr./Mrs./Dr. _____ is permitted to attend Tamil Nadu State Government Sponsored One Week Offline FDP on "Cyber Security in Electrical and Electronics Systems –Protecting Smart Devices and Networks" from 10.11.2025 to 14.11.2025.

Date:

Seal & Signature of Head of the Institution