



Organizing Committee

One Week Faculty Development Programme (Offline) on Cybersecurity Trends and Challenges in Higher Education Institutions (HEIs)

24th - 28th March, 2025



Organized by
E&ICT Academy IIT Guwahati
in association with
Internal Quality Assurance Cell,
Institution Innovation Council,
Lady Doak College, Madurai, Tamil Nadu

& Expert Support from “EarlyRise (A Unit of Xdigics Technologies Private Limited)”

Venue: Lady Doak College, Madurai, Tamil Nadu



About E&ICT Academy

Electronics and ICT Academy is an initiative of the Ministry of Electronics and Information Technology (MeitY), Government of India for conducting various faculty/Research Scholar Development Programme. Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands-on training and project work using the latest software tools and systems. In addition, the Academy will conduct specialized/ customized training programmes an research promotion workshops for corporate sector & educational institutions. Training of 1,35,000 Faculty Members/Trainers in Engineering and non-engineering colleges, Polytechnic, ITI and PGT educators Besides training of faculty members, at least 350 new/ unique FDPs would be developed in niche/state-of-the art technological areas, considering future-of-work and integration of industry specific requirement.

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Scan to Register



Registration Link
<https://forms.gle/dUtyHKv7PJfdzBVC8>

Registration Fees:
Rs. 500/- (Inclusive of GST)
Mode of Payment: Online
Only (NEFT/RTGS/IMPS)

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About Lady Doak College

Lady Doak College, a premier Christian Institution and the first Women's College in Madurai, was the brainchild of Ms. Katie Wilcox, an American missionary with a vision and fervour for the empowerment of women. The College made its humble genesis in 1948, and within a short span of time, in 1978, it was commissioned to function as an autonomous college, being affiliated to the Madurai Kamaraj University.

As an Ecumenical Christian College whose purpose is to impart quality education of Christian character to students of all creeds, this college strives to develop their intellectual powers, locate, identify and cultivate their interests and talents and train them to be responsible and useful citizens. The college, presently, functions as a unit of Katie Wilcox Education Association and stands distinguished as one of the pioneering autonomous colleges in India.

Course Objective

1. Introduce participants to core cybersecurity principles, threats, and mitigation techniques.
2. Provide hands-on experience with various security tools and techniques for vulnerability assessment and exploitation.
3. Cover advanced topics such as network security, cryptography, and ethical hacking.
4. Equip participants with the knowledge to conduct research in cybersecurity.

Course Outcome

- By the end of this FDP, participants will be able to:
1. Identify and analyze various types of cyber threats and attacks.
 2. Implement basic security mechanisms to protect systems and networks.
 3. Perform vulnerability assessments and penetration testing.
 4. Apply perform digital forensics incident response (DFIR)
 5. Conduct research and develop cybersecurity and digital forensics projects or courses.

Course Modules

- Module 1:** Introduction to Cyber Security
- Module 2:** Network and System Security
- Module 3:** Cryptography & Secure Communication
- Module 4:** Ethical Hacking & Penetration Testing
- Module 5:** Cyber Forensics & Incident Response

Pre-Requisites

- Basic knowledge of computer networks and operating systems
- Basic understanding of cryptographic concepts
- Basic knowledge of Kali Linux and Windows OS terminal commands

Who Can Attend?

Programme is open to Faculty Members and PhD Research Scholars from Universities and Colleges. The Faculty/ Staff are requested to submit the NOC from their respective departments before attending the session. For details of the programme and course contents etc., please log onto Electronics and ICT Academy website: <https://eict.iitg.ac.in>

For Online Transfer

Account Name: IIT Guwahati R and D, E and ICT Academy
Account No.: 36071160089
IFSC Code: SBIN0014262
Bank Name: State Bank of India

Please Note:

1. Registration fees includes E&ICT Academy kit, stationary, 5 days lunch and tea, evaluation, participation certificate and grade certificate.
2. Registration fees is refundable if the registration cancellation request is submitted before the last date of registration.
3. Participants have to submit UTR No. as the proof of payment while registering for the Faculty Development Programme.

Course Date:

24th March to 28th March 2025

Last Date of Registration:

17/03/2025

(Online Registration Link will be open from: 20/02/2025)

Per Day Timing:

09:30 am to 05:30 pm

Contact Hours for the Course:

40Hrs (Theory, Activities, Case Studies & Evaluation)