



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KOTTAYAM

CSE- Cyber Security Department
Presents



Five Day Online FDP & Hands-on Workshop Series

18 - 22 MAY, 2026

01 - 05 JUNE, 2026



<https://www.iitkottayam.ac.in/>
<https://cyberlabs.iitkottayam.ac.in/>

ABOUT THE INSTITUTE

The Indian Institute of Information Technology Kottayam (IIIT Kottayam) was established in the year 2015 as one among the IIITs established under the administrative control of the Government of India and later declared as an "Institution of National Importance" by an Act of Parliament enacted in 2017. Under graduate and post graduate programmes in Computer Science and Engineering, Electronics and Communication Engineering, Cyber Security, and AI & DS are available at the institute.

ABOUT THE DEPARTMENT OF CSE - CYBER SECURITY

The Department of CSE - Cyber security offers specialization for UG, PG, and PhD scholars, covering cryptography, network security, ethical hacking, and digital forensics. Cyber Labs IIIT Kottayam supports Cyber commando trainings (sponsored by I4C) and AXCIA training program for various investigating agencies in Kerala Police. Root Lab enables RED Team skills, mainly focusing on penetration testing, attack simulations etc.



ABOUT THE WORKSHOP

This workshop series offers hands-on training in AI-driven penetration testing, ethical hacking, OSINT, financial crime investigation, and digital forensics. Sessions by experts from IIIT Kottayam cover reconnaissance, vulnerability analysis, digital footprint tracking, and forensic techniques. Participants will gain practical experience through real-world scenarios, developing strong cybersecurity and investigative skills.

REGISTRATION



Who Can Attend ?

Faculty, Research scholars, UG/PG students and Professionals

Single Workshop | ₹1500/- per participant

Both Workshops (Discounted Rate) | ₹2000/- per participant

Last Date of Registration : 10th May 2026

SCAN TO REGISTER



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Five Day FDP & Hands-on Workshop I

OSINT, Financial Crime Detection & Digital Forensics

ONLINE MODE



18 - 22 MAY, 2026

10:30 am - 12:30 pm
2:00 pm - 4:00 pm



SCAN TO REGISTER >>>



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PATRONS

Prof. Prasad Krishna, Director

Dr. M. Radhakrishnan, Registrar

Prof. Ashok S, PIC Academics

Dr. Panchami V

Associate Dean (Continuing Education, Training and Consultancy)

Dr. Arun Cyril Jose
HOD, CSE- Cyber Security

ORGANISING TEAM

Dr. Jai Ganesh S

Asst.Prof, CSE-Cyber Security,
IIITKottayam

Dr. Fasila K A

Asst.Prof, CSE-Cyber Security,
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Dr. Renu Mary Daniel

Asst.Prof, CSE-Cyber Security,
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Dr. Jobin Jose

Asst.Prof, CSE-Cyber Security,
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TRAINING TEAM

Dr. Renu Mary Daniel

Asst.Prof, CSE-Cyber Security,
IIITKottayam

Dr. Sreelakshmy IJ

Asst.Prof, CSE-Cyber Security,
IIITKottayam

Dr. Jobin Jose

Asst.Prof, CSE-Cyber Security,
IIITKottayam

TOPICS COVERED

- Creating Dynamic Google Sheets Dashboard for Transaction Monitoring
- Understanding Transaction Data & Red-Flag Indicators
- Implementing AML Rules in Python for Suspicious Transaction Flagging
- Username OSINT, Email / Phone/ Domain-based OSINT
- Search Engine based OSINT
- OSINT:Authenticity of the image with geolocation
- OSINT in Social Media and Website
- Familiarization of Wireshark, Wireshark Exercices, File carving using Wireshark
- FTK imager and Autopsy
- Multimedia Forensics

TOOLS COVERED





Five Day FDP & Hands-on Workshop 2

AI in Penetration Testing & Ethical Hacking

ONLINE MODE



1 - 5 JUNE, 2026

10:30 am - 12:30 pm
2:00 pm - 4:00 pm



SCAN TO REGISTER >>>



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Dr. Kanchan Lata Kashyap

Asst.Prof, CSE-Cyber Security,
IIITKottayam

TOPICS COVERED

- Introduction of AI and ML and its application in cyber security domain
- Introduction to Web Applications and OWASP Top 10
- Fundamentals of AI in Offensive Security
- Different types of ML Models for classification and clustering
- Use cases of ML in Cyber Security Domain
- Passive and Active Reconnaissance, Scanning and Enumeration
- Ethical Hacking & Pentesting Basics, Cyber Kill Chain, MITRE ATT&CK, Pentesting Types & Lifecycle
- Setting up the Environment for AI Assisted Penetration Testing
- Exploitation Basics, Reverse shell, Post Exploitation
- Demonstration of Manual Vs AI Assisted Penetration Testing on a Vulnerable Target

TOOLS COVERED

