

**ISTE-BNY One Week Knowledge Enhancement Programme – 2026 (Online Mode)**

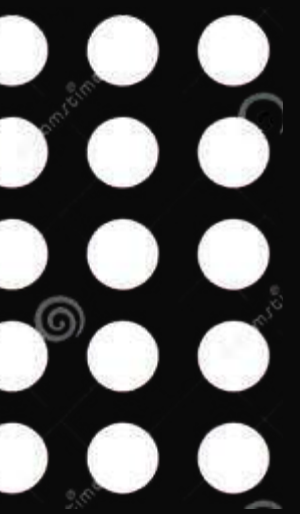
# FDP ON “Internet Crime, Human Safety and Advanced Cyber Security Practice”

**06.07.2026 To 11.07.2026**

**ORGANIZED BY**



**DEPARTMENT OF INFORMATION TECHNOLOGY**

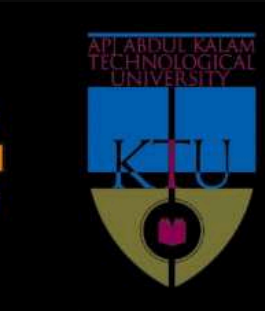


**Toc H INSTITUTE OF SCIENCE & TECHNOLOG**



**TIST**

Arakkunnam P.O | Mulanthuruthy |Ernakulam |Kerala 682313



Accredited UG Programs Accredited Institution Certified Institution Approved by AICTE Affiliated to APIKTU Sect. 2(f) of UGC Act  
5 B.Tech programs (CE, CS, ECE, ME and FS) Accredited by NBA till June 30, 2026, to be renewed thereafter

**A MEETING PLACE FOR INNOVATIVE MINDS**

**Toc H Koch**

A NAAC ACCREDITED INSTITUTE WITH NBA ACCREDITED UG PROGRAMS

## ABOUT THE INSTITUTION

Toc H Institute of Science and Technology, established in 2002, is affiliated with APJ Abdul Kalam Technological University (KTU) and approved by the All India Council for Technical Education (AICTE), New Delhi, and the Government of Kerala. We are accredited by NAAC (National Assessment and Accreditation Council), with NBA (National Board of Accreditation) accredited programs (CE, CSE, ECE, ME and SFE-2023-'24 to 2025-26) and ISO 9001:2015 Certification which ensure top-quality learning environment. The institution is a leading centre for research, recognized as Scientific and Industrial Research Organization (SIRO) by the Department of Scientific & Industrial Research (DSIR), Govt. of India. TIST serves as a KTU approved Research Center with PARAM Super Computing access and is also recognized as a Centre for ASAP (Additional Skill Acquisition Programme) joint initiative of the Higher Education and General Education Departments of Kerala. TIST is actively working with various projects under Unnat Bharat Abhiyan (UBA) & Sansad Adarsh Gram Yojana (SAGY) schemes of Govt. of India. The college offers nine undergraduate programmes and seven post graduate programmes including MBA. Toc H has been recognized in the band "PERFORMER" in ARIIA Ranking and also awarded four Stars in Institution Innovation Council 4.0. For more details please visit the website [www.tistcochin.edu.in](http://www.tistcochin.edu.in).

### ◆ INSTITUTE VISION

To become a globally recognized Institution that develops professionals with integrity who excel in their chosen domain making a positive impact in industry, research, business, and society

### ◆ INSTITUTE MISSION

To provide the ambiance necessary to achieve professional and technological excellence at the global level.

To undertake collaborative research that fosters new ideas for sustainable development.

To instill in our graduate's ethical values and empathy for the needs of society.

## DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology at TIST was established in the year 2002, with the objective to achieve academic excellence in Information Security and Management through innovations in teaching and faith in human values, to enable our students to develop into outstanding professionals by providing an environment conducive to innovation, creativity, team spirit and entrepreneurial leadership. The Department has experienced and dedicated faculty members specialized in areas of Data Security, Software Engineering, Computer Networks, Data Mining, etc.

## SIGNIFICANCE OF THE COURSE

Internet crime has emerged as one of the most critical global challenges affecting governments, businesses, and individuals. With the increasing digitization of services, financial systems, and communication platforms, the need for trained professionals in cyber security and digital forensics is growing rapidly. This FDP is highly relevant for departments of Information Technology, Computer Science, Electronics, and related disciplines. Faculty members must stay updated on evolving cyber threats, investigative techniques, and security frameworks to guide students effectively. The programme will help participants incorporate practical cyber security modules into their curriculum, design hands-on lab sessions, and supervise industry-oriented student projects.

Additionally, understanding cyber law, compliance standards, and ethical considerations ensures that institutions promote responsible digital citizenship. The FDP supports skill enhancement, research collaboration, and industry engagement, thereby strengthening institutional capabilities in combating internet crimes.

## OBJECTIVES OF THE COURSE

- ◆ To enhance faculty competency in Internet Crime Investigation, Digital Forensics, and Cyber Law for understanding the technical, legal, and investigative aspects of cyber security.
- ◆ To provide hands-on knowledge of Cyber Threat Intelligence, Malware Analysis, and Digital Evidence Collection for identifying, analyzing, and responding to cyber incidents.
- ◆ To develop expertise in Ethical Hacking Fundamentals and Defensive Security Strategies to strengthen cyber resilience and promote secure digital practices.
- ◆ To enable faculty to integrate emerging Cyber Security Tools, Methodologies, and Real-World Case Studies into teaching, research, and student mentoring, aligned with initiatives such as Digital India and Cyber Surakshit Bharat.



## COURSE CONTENT

- ◆ Introduction on Cyber Crime and Cyber Security
- ◆ Cyber Crime Investigation Process and Law
- ◆ Hands-on session on Cyber crime Investigation Tools
- ◆ Introduction to Quantum-Safe Cryptography
- ◆ Cybersecurity in the Post-Quantum Era
- ◆ Understanding Social Media Crimes
- ◆ Hands-on Session using SOCMINT on Social Media Crime
- ◆ Digital, Network and Social Media Forensics using OSINT
- ◆ Hands-on session on Tools and Techniques for Counter Cyber Security Attacks
- ◆ Penetration Testing in Modern Cybersecurity
- ◆ Basics of Cyber Forensics
- ◆ Cyber Threat Intelligence Platforms

## DISTINGUISHED EXPERTS

Dr Nidhi M.B, ISTE-National Executive Committee Member

Jordan Kastrinsky, Managing Partner at Global Upscale and Eagle Point Cyber, Founder and Israel Director of the Colorado Israel Chamber of Commerce

Adv. A P Mohammed Rafi, Civil Lawyer, Notary Public, Former public prosecutor, Tenkasi District, Tamilnadu.

Dr.Renu Mary Daniel, Assistant Professor, Indian Institute of Information Technology, Kottayam

Dr. Fasila K A, Assistant Professor, Indian Institute of Information Technology Kottayam

Dr.S.Jai Ganesh, Assistant Professor, Indian Institute of Information Technology Kottayam

Mr. Manu Francis, Certified Ethical Hacker, Certified SOC Analyst, Founder Edwhere Education

Mr. Shibin MS, Certified Ethical Hacker ,Cybersecurity Subject Matter Expert(SME), Phoger Edwhere Learning LLP

Mr. Joel KS, Sophos Endpoint Architect ,Halosec Cyber Defense LLP

Mr. Ajmal Ibn Mohammed Althaf, Founder and CEO of QuantumX

Dr. Georgina Binoy Joseph, Professor and UG Dean, Toc H Institute of Science & Technology

Mr. Anilkumar KG, Researcher , Dept of Computer Science, Kerala University

Ms. Murchana Baruah, Consultant Psychologist, Mentally-e

## WHO SHOULD ATTEND

Faculty members from AICTE-approved Engineering Colleges and Universities across India are eligible to participate.

## IMPORTANT INFORMATION

No Registration Fee for selected participants

- Limited seats available

Preference will be given to faculty members having ISTE Membership

- Last date for registration: 04-07-2026 till 10:00 PM

## CRITERIA FOR THE AWARD OF CERTIFICATES

Participant must have minimum 80% attendance and Minimum 60% or more in final assessment test

## ORGANIZING COMMITTEE

### PATRON

- Prof.(Dr.) Preethi Thekkath  
Principal

### CO-ORDINATOR

- Dr.Rasmi P S, Professor and Head , Department of IT,TIST

### JOINT CO-ORDINATOR

- Asst. Prof. Neomi Nelin Nicholas , Department of IT, TIST

### SUPPORTING STAFF

- Ms. Benila Anoop, Mr.Godly Mathew

## ORGANIZING TEAM

1. Asst. Prof. Sessa Sofiya Thomas (CSE)
2. Asst. Prof. Jesna N M (CE)
3. Asst.Prof. Greeshma Thankam Philip (EEE/EL )
4. Asst.Prof. Sanjana M Prabhu (RA )
5. Asst. Prof. Dhanya R (ECE)
5. Asst. Prof. Arjun Nataraj (Fire & Safety)
6. Asst. Prof. Mr. Anoof M S (ME )
7. Asso. Prof. (Dr.) Smitha Mohan, IT
8. Asst. Prof. Ajayakumar M V, IT
- 9.Asst. Prof. Kurien Thampi, IT
10. Asst.Prof. Sandhya C P, IT
11. Asst. Prof. Priya Saira Mathews, IT
- 12.Asst.Prof. Nifasath Piyar,IT



Last Date for Registration

**04.07.2026**

Registration Link

[http://tiny.cc/ISTE\\_STTP](http://tiny.cc/ISTE_STTP)

TO REGISTER  
SCAN HERE



### Contact Us

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