



Indian Institute of Information Technology Sri City, Chittoor
(An Institute of National Importance under an Act of Parliament)

CyberTEA 3.0 : Cybersecurity Trends and Emerging Applications

A 5-Day Virtual Workshop

10TH - 14TH DECEMBER, 2025

Sponsored by Centre for Cybersecurity, Trust and Reliability (CyStar) at IIT Madras under the Information Security Education Awareness (ISEA) program of Ministry of Electronics and Information Technology, Government of India.

ABOUT THE WORKSHOP

In today's digitally connected world, cybersecurity has become a paramount concern. As technology evolves, so do the threats that exploit it. To address this ever-changing landscape, the Third Edition of the Workshop on "Cybersecurity Trends and Emerging Applications" aims to provide participants with insights into the latest trends, challenges, and emerging applications in the field of cybersecurity. This workshop will foster a collaborative environment for participants to learn, discuss, and explore innovative solutions to safeguard digital assets.

OBJECTIVES

- Explore recent trends and developments in cybersecurity.
- Discuss the challenges posed by emerging technologies and their impact on cybersecurity.
- Examine the role of AI/ML, and data analytics in enhancing cybersecurity.
- Showcase real-world case studies.
- Foster collaboration and networking among participants in the field of cybersecurity.
- Understand research gaps between academia and industry.
- Focus on Hands-on sessions.

CHIEF PATRON

Prof. S.R. Mahadeva Prasanna
Director
IIIT Sri City

WORKSHOP CONVENER

Dr. Neha Agrawal
Assistant Professor
IIIT Sri City

TOPICS TO BE COVERED

- Quantum Cryptography
- IoT and Industrial Cyber-Physical System (CPS) Security
- Blockchain and Cryptocurrency Security
- Edge/Fog/Cloud Security
- Biometric and Multifactor Authentication
- Cyber Threat Intelligence
- Ethical Hacking and Penetration Testing
- 5G and SDN Security
- Software and Hardware Security
- Data Protection and Privacy
- Vulnerability Assessment

HANDS-ON SESSIONS

- Power Side Channel Attacks on Cryptographic Engines
- Lightweight Cryptography
- Digital forensics in the cloud
- Application Layer DoS Attack
- Adversarial Attacks on AI systems
- Machine Learning Attacks on Learning with Errors (LWE)

ACADEMIC AND INDUSTRY SPEAKERS



Mr. Krishna Sastry
Pendyala
Ernst & Young



Prof. Muttukrishnan
Rajarajan
City St George's
University of London



Prof. John
Augustine
IIT Madras



Prof. Rajat Subhra
Chakraborty
IIT Kharagpur



Prof. Somanath
Tripathy
IIT Patna



Prof. Chester Rebeiro
IIT Madras



Prof. Durga
Toshniwal
IIT Roorkee



Prof. Bodhisatwa
Mazumdar
IIT Indore



Prof. P Santhi
Thilagam
NIT Surathkal



Prof. Shashikala
Tapaswi
ABV-IIITM Gwalior



Dr. Monosij Maitra
IIT Kharagpur



Dr. Gaurav
Varshney
IIT Jammu



Dr. Aditya Japa
Ulster University, UK



Dr. Nikhil
Tripathi
IIT (ISM) Dhanbad



Mr. Chinmaya
Mishra
Walmart



Dr. Chandra
Shekhar
Samsung

More to be added...

REGISTRATION DETAILS

Payment Procedure

1. Pay the registration fee using below payment methods and amount as per your participation type.
2. After payment fill the form to confirm your registration
⇒ [Link to the form](#)

Participation Type	Early Registration (Till 20 th October 2025)		Regular Registration	
	Indian	Foreign	Indian	Foreign
BTech with Research/ MS/MTech/PhD/Equivalent	Rs. 500	\$ 50/-	Rs. 1000	\$ 80/-
Faculty	Rs. 1000	\$ 70/-	Rs. 1500	\$ 100/-
Industry Person	Rs. 1500	\$ 100/-	Rs. 2000	\$ 130/-



Name of the Beneficiary : IIIT SRI CITY CHITTOOR OPEX ACCOUNT
Account Number : 110167506587
IFSC Code : CNRB0013247
Bank Name : Canara Bank
Branch Name : Sri City

SPONSORS



CERTIFICATES AND WORKSHOP MATERIAL WILL BE PROVIDED TO THE REGISTERED PARTICIPANTS

For any queries please contact at neha.a@iiits.in

About the Institute

Indian Institute of Information Technology Sri City (IIITS) was established in 2013 by Ministry of Education, Government of India as an Institute of National importance by an Act of Parliament. The institute is located in Sri City about 60 KMs from Chennai on the Nellore Highway.

The Institute was setup by the Government of India along with Government of Andhra Pradesh and Industry Partners represented by Sri City Foundation as a Public-Private-Partnership (PPP) institution. IIITS offers B.Tech, M.Tech, M.S. and Ph.D. programmes in the areas of Computer Science & Engineering, Electronics & Communications Engineering and Mathematics & Data Science.

For further details, please visit
<https://www.iiits.ac.in>

