



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

CyberTEA 2.0: Cybersecurity Trends and Emerging Applications

5-Day Online Workshop

[November 1-5, 2024]

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 **Second 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. M.V. Kartikeyan

Director
IIIT Sri City, Chittoor

Workshop Conveners

Dr. Neha Agrawal

Assistant Professor, IIIT Sri City

Dr. Nikhil Tripathi

Assistant Professor, IIIT Sri City

Topics to be Covered

- AI/ML in Cybersecurity
- 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 world
- Application Layer DoS Attack
- Adversarial Attacks on AI systems
- Machine Learning Attacks on Learning with Errors (LWE)

Academic and Industry Speakers



Prof. John Augustine
IIT Madra



Mr. Krishna Sastry Pendyala
Ernst & Young



Dr. Chester Rebeiro
IIT Madra



Dr. Aditya Japa
Queen's University, UK



Mr. Jayakumar S
ISRO



Mr. Aditya Bhatia
DSCI



Dr. Chandan Gautam
A*STAR Singapore



Dr. Ravi Kumar
HCL Technologies



Dr. Nitesh K Bharadwaj
NIT Raipur



Dr. Padmavathi U
Shiv Nadar University



Dr. Kamalakanta Sethi
IIIT Sricity



Dr. Nikhil Tripathi
IIIT Sricity

Hands-on Speakers



Ms. M Suma Sri
IIT Bombay



Mr. Rahul Kanyal
IIT Delhi



Mr. Ragan Murali
Saint Louis University, US



Ms. Krishna Kumari Matta
IIIT Sri City



Ms. Munmun Swain
IIIT Sri City

Registration Details

About the Institute

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		Regular Registration	
	Indian	Foreign	Indian	Foreign
BTech with Research/ MS/MTech/PhD/Equivalent	Rs. 900/-	\$ 50/-	Rs. 1400/-	\$ 80/-
Faculty	Rs. 1400/-	\$ 70/-	Rs. 1900/-	\$ 100/-
Industry Person	Rs. 1900/-	\$ 100/-	Rs. 2900/-	\$ 130/-

Fee Payment through UPI



Fee Payment through Bank Transfer

A/c Name: Indian Institute of Information Technology
Sri City Chittoor
A/c No. 110167506587
IFSC Code: CNRB0013247
Bank Name: Canara Bank
Branch Name: Sri City

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 and Electronics & Communications Engineering.

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

Certificates and workshop material will be provided to all the registered participants

Last Date for Early Registration is 10th October 2024 -> [Link to the form](#)

For any queries, please contact us at neha.a@iiits.in/nikhil.t@iiits.in

