



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

CyberTEA: Cybersecurity Trends and Emerging Applications

A 5 Days Online Workshop

[02nd-06th January 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 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. D.V.L.N. Somayajulu
Director (Additional Charge)
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
- Key ML Algorithms for detecting cyber threats
- Digital forensics in the cloud world
- Application Layer DoS Attack
- Ransomware Attack
- Man-in-the-Middle Attack

Speakers



Mr. Krishna Sastry Pendyala
Ernst & Young Global Limited



Prof. Somanath Tripathy
IIT Patna



Mr. Avakash Kathiriya
Cyware India



Dr. Neetesh Saxena
Cardiff University



Dr. Batakrishna Tripathy
National Informatics Centre



Mr. Aditya Bhatia
DSCI



Mr. Chinmaya Mishra
Microsoft India



Mr. Irshad Abdul Rashid
Ernst & Young Global Limited



Dr. Padmalochan Bera
IIT Bhubaneswar



Dr. Aditya Japa
Queen's University, UK



Dr. Saumya Bhadauria
ABV-IIITM Gwalior



Dr. Deepak Kumar
Ministry of Home Affairs
-GoI



Mr. Rajesh
Ernst & Young Global Limited



Ms. Malini Rao
Deeplearnycyber.AI



Mr. Ravi Subbiah
TCS India



Mr. Ujjval Bucha
Cyware India

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	Indian Participants	Foreign Participants
BTech with Research/ MS/MTech/PhD/Equivalent	Rs. 1000/-	\$ 50/-
Faculty	Rs. 1500/-	\$ 70/-
Industry Person	Rs. 2000/-	\$ 100/-

Fee Payment through UPI



Fee Payment through Bank Transfer

Account Name: IIIT SRI CITY CHITTOOR OPEX A/C
Bank Account Number : 38329375681
IFSC CODE: SBIN0016527
MICR CODE: 517002825
SWIFT CODE: SBININBB324

Certificates will be provided to the participants

Last date for registration is 10th November 2023 -> [Link to the form](#)

For any queries, please contact us at neha.a@iiits.in/nikhil.t@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 and Electronics & Communications Engineering.

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

