



**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  
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. Irshadh Abdul Rashid**  
Ernst & Young Global Limited



**Dr. Padmalochan Bera**  
IIT Bhubaneswar



**Dr. Aditya Japa**  
Queen's University, UK



**Dr. Saumya Bhadauria**  
ABV-IIIITM Gwalior



**Dr. Deepak Kumar**  
Sr. Cyber Intelligence and Forensics Expert, India



**Mr. Rajesh**  
Ernst & Young Global Limited



**Ms. Malini Rao**  
DeeplearnCyber.AI



**Mr. Ravi Subbiah**  
TCS India



**Mr. Ujval Bucha**  
Product Management Leader



## 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                              | Indian Participants | Foreign Participants |
|---|---------------------|----------------------|
| BTech with Research/<br>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 20th November 2023 -> [Link to the form](#)**

For any queries, please contact us at [neha.a@iiits.in](mailto:neha.a@iiits.in)/[nikhil.t@iiits.in](mailto:nikhil.t@iiits.in)

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>

