

A Report on
Workshop
on
Cyber Security & Industrial Applications
Organized by
Department of Computer Science & Technology
21.09.2023



Submitted by: Mr. K Giridhar, Assistant Professor, Department of CST, MITS.

Resource Person: Mr. M Sai Prashanth, Software Developer, Tech Mahindra, Hyderabad.

Convened by: Dr K Sree Divya, Assistant Professor, Department of CST, MITS

Report Received on 04.10.2023

Objective:

The objective of the Cyber Security & Industrial Applications Workshop is to provide participants with comprehensive knowledge and practical skills in safeguarding critical industrial systems and infrastructure from cyber threats.

The Programme started at 10:00 am by **Dr. K. Sreedivya**, Assistant Professor, CST with a grand welcome to the Resource Person, HOD, Faculty members and participants.

Certifications done in this Workshop

S.No	Name of the Certification	No. of Certifications
1	Introduction to Cyber Security	146
2	Network Technician Career Path	108
Total		256

Dr. M Sreedevi, HOD/CST , heartily invited Resource person to the Workshop. She discussed a few things about Cyber Security, its importance to the engineers, society, how to utilize various resources and asked students to utilize the opportunity to get various Industrial applications of Cyber Security.

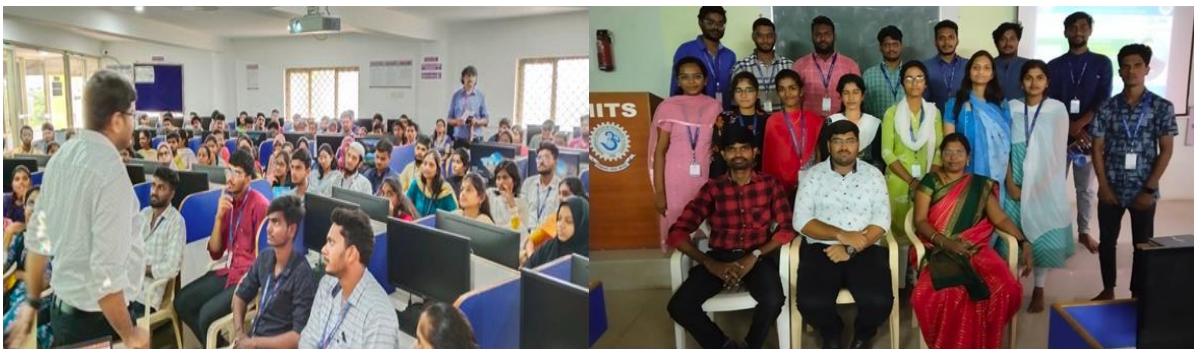
Mr. K Giridhar, Assistant Professor, Dept. of CST, read the profile of Resource person Mr. M. Sai Prashanth, Software Developer, Tech Mahindra, Hyderabad. He handed over the session to the Resource person.

The Resource person (Mr. M. Sai Prashanth) started the session by extending his heartily thanks to the participants organizing members, HOD, Principal and Management of MITS, Madanapalle for giving her opportunity to share her knowledge and experience in "Cyber Security & Industrial Applications".

The resource Person delivered Workshop the following topics:

Cyber Security in industrial applications is a broad and evolving field. Key topics and areas of focus within the realm of Cyber Security for industrial applications:

1. SCADA (Supervisory Control and Data Acquisition) Security
2. PLC (Programmable Logic Controller) Security
3. Industrial Network Security
4. Asset Inventory and Management
5. Incident Detection and Response
6. Industrial IoT (IIoT) Security
7. Physical Security and Access Control
8. Security Standards and Regulations
9. Security Awareness and Training
10. Supply Chain Security



Queries and Feedback session:

- Students asked queries on Cyber Security and its applications in industry, Resource person answered for all those queries.
- Students given feedback on the Workshop and said they felt happy for involving in this type of session as they got clear picture about Industrial applications of Cyber Security.

Take away from session:

- Students understood the Importance of Cyber Security.
- Students know the Importance of Industrial Applications of Cyber Security for Engineers and Society.
- Students got the idea of how to become Cyber Security expert from outside resources after securing a degree.

The session ended by Dr. K Sree Divya, Assistant Professor, Dept. of CST, MITS, thanking the resource person, faculty members and students and expressed their gratitude to the Management and Principal for giving permission and financial support to organize this programme.

Vote of Thanks: The session was concluded at 05:00 pm followed by a vote of thanks, given by CST Department IEEE Student Branch faculty Coordinator, Mr. K. Giridhar, Assistant Professor, Department of CST, MITS, Madanapalle, conveyed his sincere thanks to the IEEE Student Branch-MITS, Resource person, Management, Principal, Vice Principals, Deans, all the HODs, Faculty members for giving this opportunity for conducting Workshop.