



MITS

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(Deemed to be University under section 3 of UGC Act, 1956)
Madanapalle-517325, Andhra Pradesh, India.

Department of Computer Science and Technology

Report on

Industry Relation Cell

GUEST LECTURE

ON

Cybersecurity Certification Pathways: CEH, Security+, CISSP & Beyond

On

03.01.2026

Report submitted on 10.01.2026

Submitted & organized by:

Mr. V. Naveen, Assistant Professor, IRC Coordinator, Department of CST

Resource Person Details:

Mr. B. Prakash Royal, IV YEAR CST, Security Researcher, CAPv2, CNSP, C3SA

Participants:

Attendance: 49 students from III Year CST

Venue: CST Department Classroom

Mode: Offline



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DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

GUEST LECTURE ON

ON

Cybersecurity Certification Pathways: CEH, Security+, CISSP & Beyond



Resource Person
Mr. B. Prakash Royal,
IV YEAR CST
Security Researcher,
CAPv2, CNSP, C3SA

DATE: 03-01-2026
TIME: 9AM TO 11AM
VENUE: CST DEPARTMENT
PARTICIPANTS: THIRD YEAR CST STUDENTS

Chief Patron Dr. N. Vijaya Bhaskar Choudary, Ph. D Founder & Chancellor	Patrons Mrs. Keerthi Nadella Executive Director Shri. N. Dwarakanath Pro - Chancellor	Program Chair Dr. G. Yuvaraj Vice Chancellor (I/c)
CONVENOR Dr.K.Dinesh, HOD/CST	FACULTY COORDINATOR Mr.V.Naveen, AP/CST	

The Department of Computer Science and Technology (CST) in association with Industry Relation Cell (IRC), MITS organized a Guest Lecture on “Cybersecurity Certification Pathways: CEH, Security+, CISSP & Beyond” on 03 January 2026, from 9:10 AM to 12:10 PM, at the CST Department. The program was conducted for the Third Year CST students with the objective of introducing them to industry-relevant cyber security technologies and professional certification pathways.

The event was organized under the guidance of **Dr. K. Dinesh, Head of the Department (CST)**, who served as the **Convenor** for the program. The event coordination responsibilities were efficiently handled by **Mr. V. Naveen, Assistant Professor & IRC, CST department coordinator** who acted as the **Faculty Coordinator**.



Resource Person Profile

The session was delivered by Mr. B. Prakash Royal, IV Year CST student and Security Researcher, who has demonstrated exceptional commitment to cybersecurity through multiple globally recognized certifications and hands-on security experience.

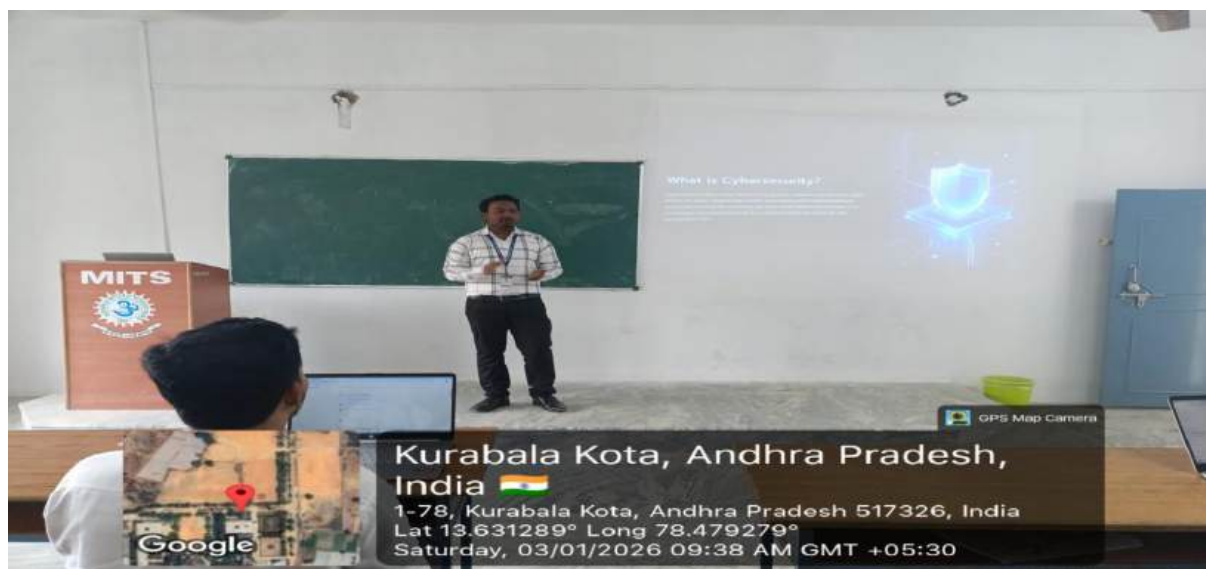
Certifications of the Resource Person:

- Certified AppSec Practitioner v2 (CAP) – The SecOps Group
 - Certified Network Security Practitioner (CNSP) – The SecOps Group
- CNSP

- Certified Cyber Security Analyst (C3SA) – Cyberwarfare Labs



The resource person's achievements as a student certified cybersecurity professional served as a powerful example for participants.



Objectives of the Program

- To introduce students to **cybersecurity fundamentals** and **threat landscapes**.
- To create awareness about **global cybersecurity certification pathways**.
- To motivate students to pursue **industry-recognized security certifications**.
- To highlight career opportunities in **Ethical Hacking, AppSec, Network Security, and Cyber Defense**.

Session Highlights

During the lecture, the resource person provided in-depth insights into:

- Cybersecurity domains and real-world attack scenarios
- Importance of certifications such as **CEH**, **Security+**, **CISSP**, and role-based credentials
- Application security concepts aligned with **OWASP Top 10 vulnerabilities**
- Network security practices and hands-on learning approaches
- Dark web operations and intelligence collection techniques

He also shared his **personal certification journey**, preparation strategies, exam experiences, tools used (Burp Suite, OWASP ZAP, Nmap), and real-world vulnerability disclosure experiences. This practical exposure helped students understand how academic learning can be transformed into professional expertise.



Program Outcomes

1. Enhanced Cybersecurity Awareness

Students developed a foundational understanding of cybersecurity concepts, threat landscapes, and defence mechanisms relevant to real-world digital systems.

2. Knowledge of Professional Certification Pathways

Students gained clarity on globally recognized cybersecurity certifications such



as CEH, Security+, CISSP, CAP, and CNSP, including their relevance, prerequisites, and career impact.

3. Industry-Ready Skill Orientation

Participants understood the importance of hands-on tools, practical labs, and real-time security practices aligned with current industry requirements.

4. Motivation for Continuous Professional Development

The program motivated students to pursue self-learning, professional certifications, and ethical practices to enhance employability and long-term career growth.

5. Career Path Identification in Cybersecurity Domains

Students were able to identify diverse career roles such as Ethical Hacker, Application Security Analyst, Network Security Engineer, and Cybersecurity Analyst.

The event concluded by Mr. V. Naveen, AP/CST, IRC-CST Department Coordinator by thanking the resource person Mr. B. Prakash Royal, IV Year CST for giving a brief interaction session, where students expressed their appreciation for the insightful lecture. Overall, the guest lecture was highly beneficial and met its objectives by enhancing students' technical awareness and motivating them to explore cyber security technologies further.