

A Report on Alumni Guest Lecture on
"Live Hacking in Action: A Deep Dive into Cyber Threats and Real-World Exploits"
 Organized by Department of Computer Science & Engineering -Cyber Security
 in Association with MITS Alumni Welfare Association and IEEE
 29.11.2024



Report Submitted by: Mr. A. Karthikram, Assistant Professor, Department of Computer Science & Engineering- Cyber Security.

Resource Person: Mr. Kuppam Johari, Founder & CEO, 4Corpus.

Attendance: 132 participants (Internal)

Report Received on 03.12.2024.

Mode of Conduct: Offline.

The Alumni Guest Lecture was organized by A. Karthikram, Assistant Professor, Department of Computer Science & Engineering (Cyber Security). The event started at 9.30 AM with a welcome address. The resource person was **Mr. Kuppam Johari, Founder & CEO, 4Corpus.**

Highlights of the Lecture:

- **Introduction to Ethical Hacking:** An overview of ethical hacking, its significance in securing systems, and the ethical responsibilities of hackers.
- **Understanding Cyber Threats:** Explanation of diverse cyber threats and vulnerabilities affecting individuals and organizations.
- **Security Monitoring:** The importance of real-time monitoring to detect and respond to threats effectively.
- **Live Demonstrations:** Hacking techniques, showcasing methods used by malicious attackers. Penetration testing, highlighting how vulnerabilities are identified and mitigated.
- **Real-World Exploits:** Insights into real-life cyberattacks and their consequences on businesses and governments.
- **Professional Certifications:** Guidance on certifications like CEH, CISSP, and OSCP for aspiring cyber security professionals.

The event concluded with students' feedback session and vote of thanks. The resource person was honored by a token of respectable appreciation by Dr. S.V.S. Ganga Devi, Head/CSE(Cyber Security) and Dr. R. Kiran Kumar, Alumni Relation Officer.

Program outcome:

- **Enhanced Awareness of Ethical Hacking:** Students understood the foundational concepts and responsibilities of ethical hackers.
- **Understanding Cyber Threats:** Awareness of current cybersecurity challenges and risks improved significantly.
- **Practical Insights through Live Demonstrations:** Hands-on demonstrations bridged the gap between theory and practice.
- **Real-World Application of Cyber security Skills:** Students appreciated learning about real-world exploits and mitigation strategies.
- **Career Readiness:** The lecture provided clear insights into professional certifications and career paths in cybersecurity.

Feedback Analysis:

