A Report on Workshop on "Cyber Security – Industry Insights"
Organized by Department of Computer Applications
in collaboration with Training & Placement Cell
on 21.06.2025

Report Submitted by Mr. Saravanan Thirunavukkarasu, Assistant Professor, Department of Computer Applications.

Resource Person Details: Mr. A. L. Chetak, CEO, Cyberpact Solutions & Mr. V. Naveen Kumar, Executive Director, Cyberpact Solutions, Bengaluru.

Participants: I Year MCA (300 students – All sections)

Mode of Conduct: Offline

Time and Venue: 2:00 PM- 4:30 PM and Auditorium, MITS.

Report Received on 26.06.2025.

Department of Computer Applications (MCA) in collaboration with Training & Placement Cell (T & P, MITS) has organised a workshop on "Cyber Security – Industry Insights" for I MCA (2024 Admitted) students on 21.06.2025 (Saturday) at the Auditorium, MITS.

Objective:

A workshop titled **"Cyber Security – Industry Insights"** was conducted to provide participants with a practical and industry-oriented perspective on the evolving landscape of cyber threats and protection mechanisms. The session was led by distinguished industry experts in the field of cyber security.

Dignitaries present:

- Dr. P. Ramanathan, Vice Principal (Academics), MITS

- Dr. N. Naveen Kumar, Prof & Head, Department of Computer Applications, MITS.

- Dr. K. Dasthagiri Basha, Assistant Professor & Placement Trainer, MITS

- Faculty members of the Department of Computer Applications, MITS

Program Details:

The program started with an introduction about the resource persons to the audience by the students of I MCA. They given a short note on the resource persons, Mr. A. L.Chetak, who holds the position of CEO, Cyberpact Solutions, Bengaluru and Mr.V.Naveen Kumar, Executive Director, Cyberpact Solutions. Both enriched with their real IT experience, and well known for their works with various projects of cyber security across India.

Dr. P. Ramanathan, Vice Principal – Academics, highlighted the topic of the workshop and the rich knowledge possess by the resource persons. He insisted the student's community to open to learn advanced concepts like cyber security from the workshop.

The session was handed over to Mr. A. L. Chetak by Dr. N. Naveen Kumar, Head of the Department, Department of Computer Applications, MITS, with his short speech about the resource persons and the importance of learning new things daily.

About Workshop:

The resource person gave his lecture on Cyber Security, with his interactive session, and the contents are given below:

- The resource person began by emphasizing the critical role of cyber security as a foundational layer in every modern organization. He stressed that with the increase in digital transformation, the threat landscape has expanded, making it imperative for organizations to adopt a proactive and layered security strategy.

Key areas discussed during the session included:

- **Introduction to Global Certifications:** Overview of prominent certifications such as EC-Council (CEH), CompTIA Security+, and CCSP (Certified Cloud Security Professional) and their relevance in building cyber security skills and credibility.
- **Hacker Classifications:** An engaging explanation of the types of hackers—Black Hat, White Hat, and Grey Hat—and their motives, roles, and impact on the cyber ecosystem.
- **Practical Demonstrations:** Real-life examples of hacking attempts were showcased, followed by discussions on how cyber security professionals detect, prevent, and mitigate such breaches.
- **VPN and Network Security:** Importance of Virtual Private Networks (VPNs) and secure communication channels in safeguarding data was highlighted.

The speaker encouraged students and professionals to stay updated, pursue relevant certifications, and participate in ethical hacking communities to deepen their understanding.

Outcome:

- **Enhanced Awareness**: Participants gained foundational to intermediate knowledge of cyber security threats and defense mechanisms.
- **Career Clarity**: The session shed light on certification paths and career roles in cyber security, motivating students to consider it as a career option.
- **Practical Exposure**: Real-world examples and hacking case studies provided hands-on insights into how attacks are executed and defended.
- **Increased Readiness**: Participants are now better equipped to understand and apply basic cyber hygiene and security best practices in their personal and professional lives.

Concluding session:

The concluding session began with feedback collected with online questionnaire and the vote of thanks given by Mr.Saravanan.T, Assistant Professor, Department of Computer Applications. He thanked the Respectful Management, the Principal, Vice-Principals, Dean – Placements, Dr. K. Dasthagiri Basha, fellow coordinators and faculty members for the smooth conduct of the workshop.