A Report on Webinar on "An Insight on Cyber Attacks"
Organized by Department of Computer Science & Engineering (Cyber Security)
On 23.11.2023

Submitted by: Mr. A Karthikram, Assistant Professor., Department of CSE (Cyber Security)
Attendance: 118 participants (Internal)
Coordinator: Mrs. S. Kanimozhi, Asst. professor, Dept of CSE-Cyber security
Resource person: Dr. S. Sankara Narayanan, Dept. of Computer technologies, SRMIS
Mode of Conduct : Online

The programme started at 10:00 AM, Dr. P. Ramanathan, Vice Principal(Academics), presided the Webinar conducted by Dept., CSE(Cyber Security), followed which the entire programme was organized by the Convener Mr A Karthikram, Assistant Professor, MITS, Madanapalle and welcome address was delivered to the gatherings by the Dr. SVS Ganga Devi, HoD,CSE(CS), MITS, Madanapalle. The resource person Dr. S. Sankara Narayanan, Assistant Professor, Department of Computing Technologies, SRM Institute of Science & Technology, Chennai, was introduced by Mrs. S. Kanimozhi, Assistant Professor, Department. of CSE(CS).

The resource person started the session by extending his hearty thanks to the participants, organizing members, HoD, Principal and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience in **An Insight on Cyber Attacks**.

The following topics were discussed in the session

- Attack and its types
- Malware
- Phishing
- SQL Injection Attack
- Cross Site Scripting
- Session Hijacking
- Credential Reuse
- How to prevent Cyber Attacks

The session was concluded at 12.30 PM followed by a vote of thanks, given by Convener of the Webinar, Mr. A Karthikram, Assistant Professor, Department of CSE(CS) , MITS, Madanapalle.

PROGRAMME OUTCOMES:

Understanding Cyber Threat Landscape: Students will gain a comprehensive understanding of the current cyber threat landscape, including emerging trends, types of cyber attacks, and their potential impact on individuals and organizations.

Identifying Cybersecurity Vulnerabilities: Students will learn how to identify common vulnerabilities in systems, networks, and applications, enabling them to proactively assess and strengthen their cybersecurity defenses.

Risk Assessment and Management: Students will acquire knowledge in conducting effective risk assessments related to cyber threats and develop skills in implementing risk management strategies to safeguard digital assets.

Awareness of Cybersecurity Best Practices: The webinar will provide insights into industry best practices for cybersecurity, covering topics such as password management, secure communications, and data protection.

Incident Response and Recovery: Students will learn the fundamentals of incident response, including how to detect, respond to, and recover from a cyber attack, minimizing potential damage and downtime.

Legal and Ethical Considerations: The program will address legal and ethical aspects of cybersecurity, ensuring participants understand the importance of compliance, privacy regulations, and ethical behavior in cyberspace.

Cybersecurity Tools and Technologies: Participants will be introduced to key cybersecurity tools and technologies, gaining familiarity with their use in preventing, detecting, and mitigating cyber threats.

Securing Personal and Business Data: The webinar will provide practical advice on securing personal and business data, emphasizing the importance of data encryption, secure backups, and safe online practices.

Cybersecurity Awareness for Non-Technical Professionals: Tailored to a diverse audience, the program will address the importance of cybersecurity for non-technical professionals, helping them understand their role in maintaining a secure digital environment.

Continuous Learning and Stay Updated: Participants will be encouraged to cultivate a mindset of continuous learning in the dynamic field of cybersecurity and will be provided with resources to stay updated on the latest cyber threats and defense strategies.