

A Report on One Day Online Seminar on "Cyber Crime Investigation"
Organized by Department of Computer Science & Engineering (Cyber Security)
On 20.01.2024



Submitted by: Mr. M Mutharasu, Assistant Professor, Department of CSE (Cyber Security)

Resource Person: Mr. Manibharathi Karunakaran, Founder, CSUITE TECH LABS, Coimbatore

Report Received on 22.01.2024

Mode of Conduct: Online

Time: 10.00 AM

Attendance: 100 participants (Internal)

The programme started at 10:00 AM, Dr. P. Ramanathan, Vice Principal(Academics), presided over the One Day Online Seminar conducted by Dept., of CSE(Cyber Security), followed which the entire programme was organized by the Convener Mr. M Mutharasu, 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 Mr. Manibharathi Karunakaran, Founder, CSUITE TECH LABS, Coimbatore, 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 **Cyber Crime Investigation**.

The following topics were discussed in the session

- Born with Cyber threats
- Have I Been Pawned?
- How secure is my password?
- Cyber Forensics
- Web Auditing - Checkbot
- Phishing Tools – Zphisher, Cam Hacker
- Window Forensics
- Try hack me
- Roadmap.sh
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The session was concluded at 12.00 PM followed by a vote of thanks, given by Convener of the One Day Online Seminar, Mr M Mutharasu, Assistant Professor, Department of CSE(CS) , MITS, Madanapalle.

PROGRAMME OUTCOMES:

- **Discovering the World of Cybercrime:** Students can explore the fascinating landscape of cybercrime and its impact on individuals and organizations. Gain insights into the historical evolution of cyber threats, uncovering the motives and methods behind cybercriminal activities.
- **Navigating Legal Frontiers:** Students can acquire a working knowledge of the legal framework that guides cybercrime investigations. Also, they will understand how cyber laws and regulations influence digital investigations and legal implications for investigators.
- **Becoming Digital Forensics Sleuths:** Students can dive into the realm of digital forensics, mastering the foundational skills required for effective investigation. Also, they will learn hands-on techniques for collecting and preserving digital evidence, just like a digital detective.
- **Unveiling Investigative Processes:** Students will be able to walk through the systematic steps of cybercrime investigations, gaining practical insights into real-world incident response. Also, they can acquire the skills needed to navigate and make informed decisions during the investigative process.
- **Harnessing Cyber Threat Intelligence:** Students will be able to develop the ability to gather, analyse, and apply cyber threat intelligence in proactive cybersecurity measures. Understand the role of threat intelligence in preventing and mitigating cyber threats, becoming a proactive defender of digital spaces.
- **Crafting Prevention and Mitigation Strategies:** Participants will explore creative strategies to prevent cybercrime incidents and safeguard digital environments. Adopt proactive measures and best practices to minimize the impact of potential cyber threats.
- **Embarking on Ethical Hacking Adventures:** Students can delve into the principles of ethical hacking, taking on the role of a cybersecurity adventurer. Gain insights into penetration testing and how ethical hacking contributes to identifying and addressing vulnerabilities.
- **Toolbox and Resource Exploration:** Participants will familiarize themselves with the toolkit used by cybercrime investigators. Explore online resources and communities to enhance your knowledge continuously, building a personal arsenal against cyber threats.
- **Staying Ahead of the Curve:** Participants can stay informed about the latest trends and developments in the ever-evolving field of cybercrime. Discuss and anticipate future challenges, developing a mindset for adaptability and continuous learning.
- **Thinking Like a Cyber Sleuth:** Students will be able to sharpen critical thinking skills to analyse and solve complex challenges in cybercrime scenarios. Develop problem-solving approaches that mirror the real-world demands of cybercrime investigations.
- **Effective Communication and Collaboration Skills:** Participants can enhance your ability to communicate findings and insights effectively, ensuring your contributions are understood by both technical and non-technical audiences. Foster collaboration within the cybersecurity community, recognizing the collective strength in addressing cyber threats.
- **Commitment to Lifelong Learning:** Students can embrace the importance of continuous learning in the dynamic field of cybercrime. Identify personalized avenues for ongoing professional development, ensuring you remain at the forefront of cybersecurity practices throughout your career.