

Report on
A 5-day Workshop on
“Ethical Hacking and Cyber Security”
(From 27th to 31st January)

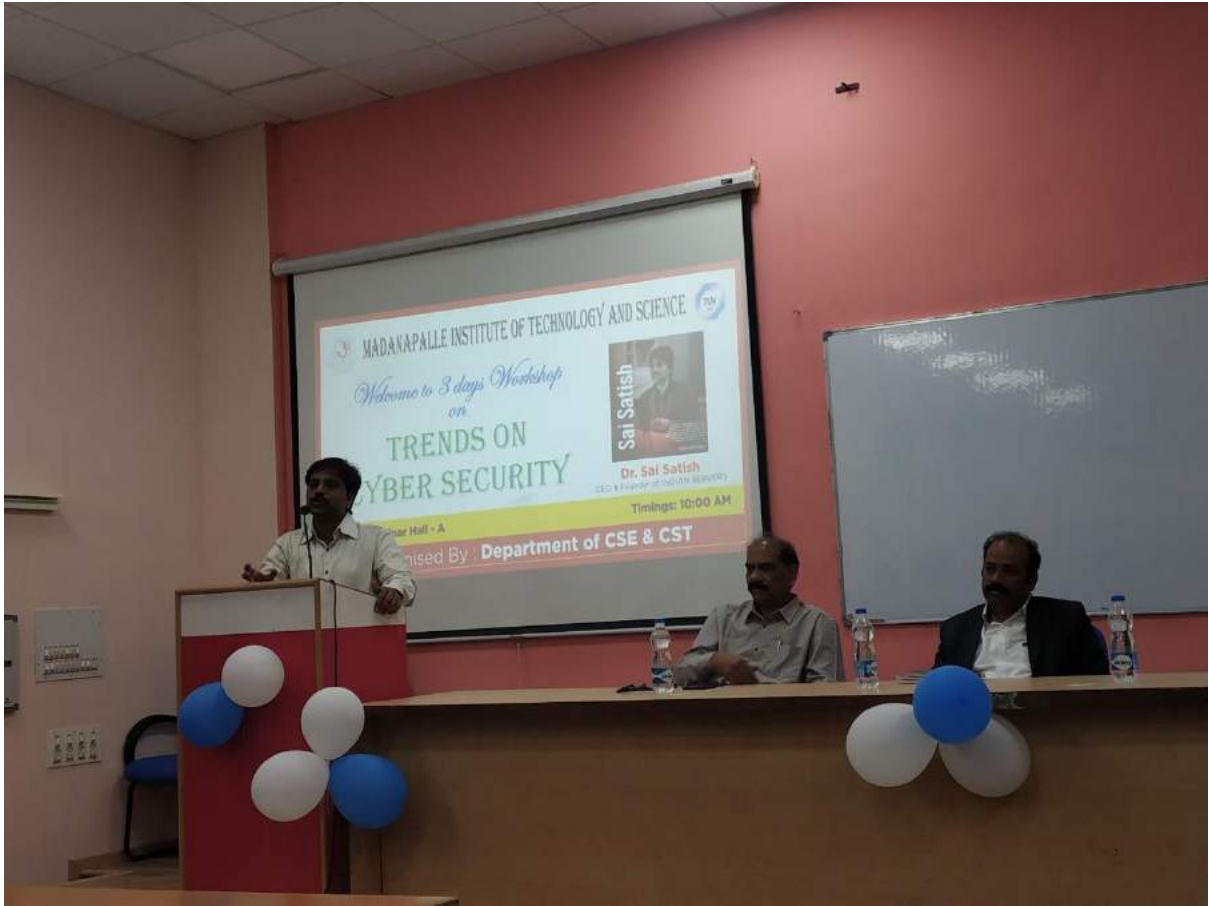
**Organised by Department of Computer Science & Engineering and Department of
Computer Science & Technology**

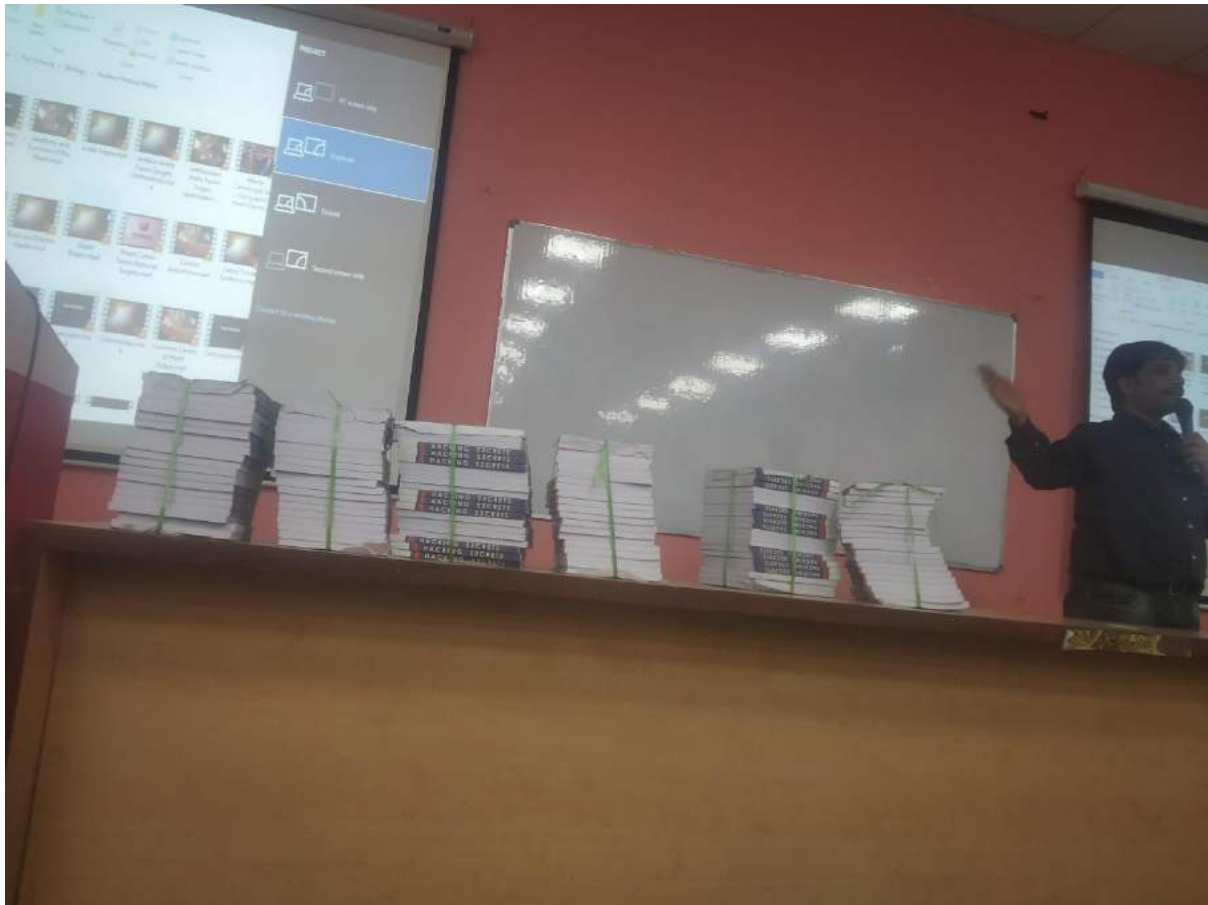
Submitted by:

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The Departments of CSE & CST conducted Five-day workshop on “Ethical Hacking and Cyber Security” at Seminar Hall-A, Madanapalle Institute of Technology and Science, Madanapalle from 27-01-2020 to 31-01-2020, under TEQIP II.

There was an introductory session on Ethical Hacking and Cyber Security. The speakers of the workshop covered the Conceptual aspects followed with real world applications. Dr C. Yuvaraj, Principal, MITS, Dr. Ch. Rama Prasad Rao, Dean IIC and Dean, CSE Prahlad rao inaugurated the workshop. Dr. Mahaboob Basha Shaik (HoD/CSE) and Dr. M. Sreedevi (HoD/CST), MITS, Madanapalle introduced the Resource Persons to the participants, advised them to learn the basics of Ethical Hacking and Cyber Security and make use of the expertise of the speakers in building their career in this Cyber Space Era.

Resource Persons: -

Dr. Sai Satish, Entrepreneur, Founder & CEO of Indian Servers

Mr. TVSSM. Prakash Kumar, Technical Lead, Indian Servers

Day-1: An Overview on Ethical Hacking & Cyber Security.

Topics covered by Mr. Sai Satish.

- Concepts of viruses and antiviruses
- Cybercrimes overview
- Windows password cracking
- Malware analysis

Day-2: Introduction to Hacking and various vulnerability predictions in computer system.

Topics covered by Mr. Sai Satish.

- Sniffers
- Phishing
- Keyloggers
- Mobile hacking

Day-3: Practical Implementation of various malicious attacks.

Topics covered by Mr. Sai Satish.

- Introduction to kali linux
- Introduction to metasploit
- Vulnerability scanners
- Buffer overflow
- SQL Injection

Day-4: Conceptual Model of various real-world Attack scenarios.

Topics covered by Mr. TVSSM. Prakash Kumar.

- Denial of service
- Web shells
- Wifi security
- Social engineering
- Trojans
- XSS

Day-5: Hands on Sessions.

Topics covered by Mr. TVSSM. Prakash Kumar.

- Spoofing techniques
- Rootkits

- Google hacks
- Sysinternals

After the final session, the feedback is taken from the students about 5-day workshop, and an assessment is conducted based on 5-day workshop as an outcome-based education.

Dr. Ch. Rama Prasad Rao, Dean IIIC, MITS, Madanapalle appreciated our effort to conduct such workshop which will be helpful to the student's career. Finally, in the valedictory Dr. M. Sreedevi (CST/HoD), the Dean IIIC presented the Honorarium to the resource persons. Guests and coordinators distributed the "Hacking Secrets" books, and certificates to all the participants, and also expressed their sincere thanks and expected to have more sessions like this in future. A few students came forward to get answers for their queries on Ethical Hacking and Cyber Security. 131 students of B.Tech (CSE, ECE, CST, IT) and MCA attended the workshop.