

Report on Ethical Hacking Workshop

Ethical hacking refers to the act of locating weaknesses and vulnerabilities of computer and information systems by duplicating the intent and actions of malicious **hackers**. **Ethical hacking** is also known as penetration testing, intrusion testing, or red teaming.

The Department of Computer Science organized a three day workshop on “Ethical Hacking” on 24th, 25th and 26th May 2018 for V Semester BCA and V Semester MCA students. The resource persons Mr. Kalathil Karthik and Mr. Zuhair E from White Hat Academy helped students with his kind and inspiring advice to understand the subject and its importance. The students were given hands on training session. In the three days’ workshop, students were given basic knowledge of hacking and how to protect our systems against hazardous attacks.

Topics covered on Day 1:

1. Cyber Security and Potential Threats
2. Introduction to ethical hacking.
3. Scope of hacking
4. Scanning for loopholes.
5. Basic commands

Topics covered on Day 2:

1. Creating malicious servers
2. Exploitation using web browser vulnerability.
3. Social Engineering
4. Tampering files of a compromised system.
5. Gaining access using malicious PDF
6. Google Hacks
7. Web Crawler

Topics covered on Day 3:

1. Hacking into servers
2. Meterpreters
3. Advanced hiding of information.
4. Careers in Ethical Hacking

The valedictory programme was scheduled on 26th May and certificates were distributed to students.

