

Ethical Hacking Workshop

Techfest is the annual science and technology festival of IIT Bombay. Following is the basic outline of the workshop that would be happening at **Techfest, IIT Bombay**.

Session 1

Expected Duration : 2 Hours

- Introduction to Cyber Security
- Flow of Data
- Basics of Networks
- Security Approach
- Social Engineering Attacks
- Social Networking Security

Session 2

Expected Duration : 3 Hours Network Level Attacks and Their Prevention :

- Spoofing
- Man in the Middle
- DDos
- DNS Spoofing

Session 3

Expected Duration : 3 Hours System Security:

- Password Cracking
- Virus & Worms
- Trojan
- Exploitation through Metasploit



Session 4

Expected Duration : 4 Hours Web Application Security

- OWASP TOP 10
- Blind Sql Injection
- Advance Sql Injection
- XSS
- cSRF