

Resource Person: Mr. Dhanoop R,

Associate Member at National Cyber Safety Security Standards,
Cyber Security Analyst at Techbyheart India Pvt Ltd
Cyber Security Expert at Appin Technology Lab, Kochi

Date: 23rd November 2022

Venue: Dr.APJ Kamal Hall

Topics Covered:

Social Media
Search Engines
Passwords& Password Strength
About Cyber Crimes
Hacking
Stages of Hacking
Types of Hackers
Information Security
Denial of Service attack
Web Jacking
Spamming
Keylogger
Credit Card / ATM CARD fraud
Phishing & Social Engineering
Network Penetration Testing
Wifi Phisher
Sniffing
Spoofing & its types
Android device security
Facebook Hacking methods
Web application attacks
SQL injection
Cross-Site Scripting

Target Audience: A session was held regarding awareness about Cyber Security. How to make the students aware about different Crimes happening and where to report them. The categories of every Crime were discussed in detail as it becomes more important for Virtual platforms.

Number of Audience: 150 Students

Outcome of the Program:

During this workshop students learned about basic concepts of cyber security & Ethical Hacking. Mr.Dhanoop.R shared and discussed real case studies related to Cyber-attacks and cyber-crime. During the session he also covered topics like Architecture of Internet, Securing email accounts, Importance of password selection & Password Strength, securing social media accounts, structures of DDoS attacks and types, also about safe online transactions. Students also learned about steganography, and various other ways of hiding and spreading information and malware. Attacks like phishing, spoofing, Trojan, logbombs, backdoors, worms etc., were also demonstrated with real examples and case studies. Students also learned about Information Technology Act, 2000 (also known as ITA-2000, or the IT Act) is an Act of the Indian Parliament (No 21 of 2000) notified on 17 October 2000. It is the primary law in India dealing with cybercrime and electronic commerce.

This was a very informative and useful workshop for students.

Glimpses of the workshop



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CYBER SECURITY & ETHICAL HACKING
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