

Department of Information Technology

FACULTY DEVELOPMENT PROGRAMME

ON

CYBER SECURITY ISSUES & ETHICAL HACKING

The Department of Information Technology organized a week long Faculty Development Programme (FDP) on **“Cyber Security Issues & Ethical Hacking”**, from **26-30 December, 2016** under TEQIP – II. This FDP mainly focused on advanced tools of Cyber Security. The themes of the FDP included:IDS/IPS : SnortFirewalls like iptables

Vulnerability Assessment tools: Nessus and Intelligence GatheringExploitation tools like MetasploitAnonymization tools like TorWeb Assessment & Exploitation tools: sqlmap, w3af, web hacking and security; Reconnaissance ToolsIoT and Cloud securityForensics case study andLaws and Acts on Cybercrime.

Eminent speakers from reputed and premier institutes & industries shared their knowledge and enlightened the audience with challenges in Cyber Security. Various colleges and institutes sponsored the members of their faculty to this FDP.



Mr. V.Rajendran President, Cyber Society of India, Chennai, delivering his lecture.

Mr. V. Rajendran President, Cyber Society of India, Chennai, is also a cyber forensic examiner from IDRBT and a CeISB from Indian Institute of Banking and Finance. He gave a detailed presentation on Introduction to cyber security issues and the state of cyber security, information security, cyber law and crimes on electronic delivery channels in banking sector.



Dr. C. Chellappan, Principal, GMR College delivering a lecture.

Dr. C. Chellappan, presently the Principal of GKM College of Engineering & Technology (GKM CET), Chennai and former senior Professor and Dean of the prestigious College of Engineering, Guindy, Anna University Chennai, discussed Advances in Network Security Issues, mobile security challenges, Denial of Service Attacks: Tools, Technology and Policy.



Mr. Vijaya Pavan Kumar E addressing the faculty

Mr. Vijaya Pavan Kumar. E, Cyber Security Professional and training consultant working with Global Cyber Security Response Team delivered a session on Intrusion Detection, Prevention Systems and Tools. He elaborated on Snort, Network Security issues, Firewall configurations: iptables, Vulnerability Assessment tool like Nessus, Intelligence Gathering, Exploitation tool: Metasploit, Anonymization tool: Tor. He also demonstrated these topics in the laboratory with real time case studies.



Ms. Shubhamangala Sunil interacting with the faculty.

Ms. Shubhamangala Sunil the Founder Chairperson of Global Cyber Security Response Team (GCSRT) Pvt., Ltd., is also a member of National Cyber Safety and Security Standards Technical Committee. She delivered a lecture on Web Assessment & Exploitation tools: sqlmap, w3af, web hacking and security, Reconnaissance Tools, GHDB, IOT Security, Denial of Service attacks and Distributed Denial of Service attacks and Cloud security. She demonstrated these with practical examples.



Mr. Karthick Vigneshwar P. S. delivering his lecture.

The Director and Technical Advisor for infySEC UK, **Mr. Karthick Vigneshwar P S**' presentation was about Wireshark tool, System Based Hacking, Key-logger Software & Hardware, Nitro Attacks, DDoS Attacks, Ghostnet, Cyber Defamation, Phishing, Suspicious Router Network Scanning Tools, Identity theft and Cloning.



Dr. L Kavi Sankar delivering a lecture.

Mr. Shaik Munwar, Assistant Professor in the department of Information Technology, Sree Vidyanikethan Engineering, handled a session on Ransomware and Various Cyber Crimes.

Dr. L Kavi Sankar, Associate Professor in the department of Information Technology, Sree Vidyanikethan Engineering, delivered a session on Digital Forensics – Integral Part of Information Security.

Dr. K. Ramani, Professor & Head, Department of Information Technology distributed participation certificates to every participant and concluded the programme.