SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Computer Engineering/Information Technology

A Report on Cyber Security and Ethical Hacking Session

Date: 24th August 2015  Time: 12:30 PM to 03:00 PM

Venue: Millennium Hall, B-Block, Silver Oak College of Engineering & Technology

Cyber security is a necessary consideration for individuals and families, as well as businesses, governments, and educational institutions. For families and parents, online safety of children and family members is of paramount importance. In terms of our financial security, it’s critical to protect information that could impact our personal finances.

So, to gain the awareness and significance of cyber security, a productive, collaborative session was held on 24/08/2015 in the CE/IT department of SOCET on “Cyber Security and Ethical Hacking”. The workshop started at 12:30 PM. Around 100 participants including students and faculties attended this session. Mr. Falgun Rathod, Managing Director at Cyber Octet Pvt. Ltd. and Mr. Khushank Gohil, ISEH, CEH, CHFI, Cyber Security Expert, Cyber Fraud Researcher Gujarat Police - Cyber Crime Cell were the key speakers of this session.

Mr. Khushank Gohil started session with some basic introduction of cyber-attacks and discussed on some past cyber-attack cases. He introduced Digital Mafia - The Evil World of WWW. Live cyber attacks between different countries of world were visualized with the NORSE World Map. He also introduced MI5 (Military Intelligence, Section 5), the Deep Web and TOR. Deep Web consists 96% of www content and known as “invisible web”, it is content that cannot be indexed by search engines.
TOR is free software for enabling anonymous communication. The name is an acronym derived from the original software project name The Onion Router. Using Tor makes it more difficult for Internet activity to be traced back to the user. Mr. Khushank Gohil demonstrated TOR. Participants got awareness of Cyber Laws through this session.

The session was continued by Mr. Falgun Rathod, where he provided detailed information about cyber security evolution and ethical hacking. He introduced technical literacy on D-DOS, IoT, Honeypots and different security systems like white, black, gray, blue. He shared the concept of Metasploit security tool and
GFI Event Manager Tool. At the end of session he gave some case studies on stuxnet, brazen cyber-attack.

All the participants were highly motivated after this session as such information provided by them can be helpful to students to understand the world of cyber security and its significance around them.
Later, Mr. Satvik Khara, HOD, Dept of CE/IT felicitated both the speakers i.e. Mr. Falgun Rathod and Mr. Khushank Gohel, with a letter of gratitude on behalf of whole institute for conducting such a fruitful session.

Fig 5: Mr. Satvik Khara, HOD, CE/IT felicitating Mr. Falgun Rathod with Letter of Gratitude

Fig 6: Mr. Satvik Khara, HOD, CE/IT felicitating Mr. Khushank Gohil with Letter of Gratitude