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Institute of Advanced Studies

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"Guest Lecture on Ethical Hacking"

Topic :	Guest Lecture on "Ethical Hacking" for the students of MCA II and MCA IV Semester by Mr. Sachin Kataria, Sr. Technical Head (Cyber Security), Crezone Technologies
Date of event :	February 1, 2012
Aim of the Event :	The session aimed at introducing various concepts related to Hacking in general & Ethical Hacking in particular, Cyber Security, job opportunities in the area of Ethical Hacking and Cyber Security
Event Report in brief :	Mr. Sachin Kataria initiated the session by talking about the types of hacking & hackers and the need for cyber security. He told that there are three types of hackers: 1. Black Hat Hackers, 2. White Hat Hackers and 3. Grey Hat Hackers. There was a discussion about Operating System Security which can be done on any kind of operating system. He also spoke on how we can take backdoor entry in Windows XP if we have forgotten our user password. Sir also demonstrated the following operations related to security and hacking: • Manual removal of some VIRUSes with the help of Windows Registry by using 'regedit' • Take login to the website using SQL Injection • Phishing attack • Creation of Batch File Virus, etc. There was also discussion about the necessity of ethical hacking which is helpful in detecting the vulnerability and security flaws of a website, so that one can take necessary precautions for Cyber Security. The talk included:

	- Shoulder searching attack, - Social engineering, - E-mail bombing, - Caller Id spoofing, - Virus on facebook, etc. In the end, the speaker informed about the various career opportunities in the area of Ethical Hacking & Cyber Security and the openings regarding the same in government sector. He motivated the students to look at these areas for their career development.