

CYBER SECURITY SEMINAR REPORT, SEMINAR WAS HELD IN DA DIPLOMA AND DEGREE ENGINEERING AND TECHNOLOGY ON 29TH AUGUST, 2018.

DA Diploma and Degree Engineering and Technology organized a seminar on Cyber Security. Cyber Security is one of the burning issue today and to make students aware of it, this seminar was organized in a collaboration with GENESIS IT SOLUTION. GENESIS IT SOLUTION is rapidly growing company established in Ahmedabad. GENESIS IT SOLUTION is dealing mainly with government sector and undertakes turn key projects. All the students from computer department took part in this seminar. As it is a very interesting topic, students were very eager to know more about it. And at the end it was such a great experience for students. Experts of GENESIS IT SOLUTION presented the topic in very interesting manner with real life example. They covered many topics such as, what is hacking? Who are hackers? What are the Types of hackers? What is cyber security? What are the different Types of Cyber Crime? What is ethical hacking? How is it done?

In the first session of this seminar Expert explained all these questions in detail. He explained, Who is hacker and what is hacking? Hacking generally refers to unauthorized intrusion into a computer or network. The person engaged in hacking activities is known as a hacker. This hacker may alter system or security features to accomplish a goal that differs from the original purpose of the system. In detail he explained the types of hackers, which are white hacker, black hacker, grey hacker, script kiddie, etc.



He also explained their rolls. After clearing the topic of hacking he moved to explain Cyber Crime.

Cybercrime, or computer oriented crime, is crime that involves a computer and a network. The computer may have been used in the commission of a crime, or it may be the target. Cybercrimes can be defined as: "Offences that are committed against individuals or groups of individuals with a criminal motive to intentionally harm the reputation of the victim or cause physical or mental harm, or loss, to the victim directly or indirectly, using modern telecommunication networks such as Internet (networks including but not limited to Chat rooms, emails, notice boards and groups) and mobile phones (Bluetooth/SMS/MMS)". Computer fraud, Privacy violation, Identity theft, sharing copyrighted files/Information, electronic fund transfer, electronic money laundering, ATM fraud, Denial of service, spam, these all are the types of Cyber Crime. He explained all these types in very easy manner with related examples so that students understood very easily.



After clearing all the topics related to Cyber Crime, he explained what is Ethical hacking? in second session after a short break. Ethical hacking and ethical hacker are terms used to describe hacking performed by a company or individual to help identify potential threats on a computer or network. An ethical hacker attempts to bypass system security and search for any weak points that could be exploited by malicious hackers. This information is then used by the organization to improve the system security, in an effort to minimize or eliminate any potential attacks. So hacker is one who plays with security. He also explained about Security and security threats. To explain how hacker plays with security he showed a live demo of hacking of a whats app account. That was so interesting at the end of this seminar.

After the live demo he summarized whole session and ended up the seminar. At the end Students gave their feedback about seminar and then students from different semesters presented mementoes to the experts for giving their valuable time and knowledge to the institute.