



Guest Lecture on Network Forensic

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| Topic : | Guest Lecture on “Network Forensic” for all students of MCA by Mr. Santanoo Pattnaik, Sr. Technology Consultant ,Sansoft Technologies ,New Delhi. |
| Date of event : | January 21, 2014 |
| Aim of the Event : | This session aimed at making students aware about system threats and its identification and recovery methods which is a great requirement for IT industry and also updating students about recent developments in this field. |
| Event Report in brief : | <p>Sir started the session with brief introduction about forensic and introduction to basic concepts required in understanding the same. Sir quoted that “IT Forensic is about investigation of crime related to computer hardware and software”. He divided his presentation in two sections.</p> <ol style="list-style-type: none"> 1. Computer Forensic 2. Network Forensic <p><u>Computer Forensic</u></p> <p>Under this section, sir explained concepts like access methods of computer, key logger, footprints, ports, registry etc He also explained about different file formats used in different operating systems like Ms Dos, Unix, Linux etc. Sir stated that a person can recover his/her data from computer system even after many years of its deletion and updation. Also about different types of ports, their use and methods to safeguard them. Among topics discussed were many important things about registry. Sir told that there are five types of registries in the computer and also discussed the usage and meaning of each of these.</p> |

Network Forensic

Under this section sir firstly gave the definition of network forensic as, “It is the capture, recording, and analysis of network events in order to discover the source of security attacks or other problem incidents.”

Following points were discussed :

- Network forensic tools
- Intruder types and the intrusion process
- Hacking vs. Cracking
- Trace back Methods
- Relationship between network forensic analysis and network security technologies

After discussing the above points, the speaker concluded with the benefits and applications of Network Forensic. In the end sir explained to students the career and future prospects of this field.