TECNIA INSTITUTE OF ADVANCED STUDIES

Approved by AICTE, Ministry of HRD, Govt. of India Affiliated To Guru Gobind Singh Indraprastha University, Recognized by UGC under Sec 2(f)

INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI- 110085

E-Mail: director.tecniaindia@ gmail.com, directortias@tecnia.in, www.tecnia.in

Fax No: 27555120, Tel: 27555121-24

ISO 9001
International Standards
Certifications

ISO 9001:2008

Event	: Seminar
Topic	: Cyber Security and Ethical Hacking
Resource Person	: Mr. Tarun Gautam, Corporate Trainer, Accute India Pvt.Ltd.
Schedule	:1:30 AM to 2:30 PM
Date	: 5th February 2015
Day	: Thursday
Venue	: MCA Lab (PG Block, First Floor)
Faculty Incharge	: Dr.Vijay Singhal, Dr. Jitender Rai, (Associate Professor), MCA Department
No of Students	: MCA-IV Semesters

Objectives:

1. To understand the basic concepts and technique of cyber security.
2. To understand basic concept of ethical hacking and cyber crime.
3. To obtain and maintain technological knowledge, experience and skills in Spain in ordered to support the cyber security objective.
4. To improve cyber security professional skills and citizens sensitization and awareness.

Mr. Tarun Gautam Corporate Trainer, addressing the audience

Students & Faculty Members attending the workshop

Report:

Tecnia Institute of Advanced Studies organized a seminar on 5th February 2015 at MCA LAB (PG Block, First Floor), by Corporate Trainer Mr. Tarun Gautam, Corporate Trainer,Accute India Pvt.Ltd. Rohini for MCA 4th Sem. The workshop was divided into following modules:

Module 1: Introduction to Cyber Security: (30 Mins)

Cyber security standard are security standards which enables organization to practice safe security techniques to stop cyber security attacks. These guides provide general outline as well as specific techniques for implementing cyber security for certain standards cyber security certification by an accredited body can be obtained. There are many advantages through obtaining certifications including the ability to get cyber security insurance

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Module 2: Overview ethical hacking (15 Mins)

Ethical hacking and ethical hacker are terms used to describe hacking perform by a company or individual to help identify   potential threats on a computer or network. An ethical hacker attempts to by pass way past the system security and search for any weak points that could be exploited by malicious hacker this information is then used by the organization to improve the system security in an effort to minimize or eliminate any potential attacks.

Module 3: Future, Scope & Career in Cyber security and Ethical Hacking (15 Mins)

Cyber security is referred to as information technology security, focuses on protecting computers, networks, programs and data from unintended or unauthorized access, change or destruction.

Mr. Trun Gautam successfully elaborated each of the four modules with practical orientations. He also made students acquainted with the prospects of android applications development in the IT sector. At the end, he resolved the students' queries to their satisfaction level.

LEARNING OUTCOME:

Students have the following learning:

1. The basic concept network security, their life cycle, internal structure, and environment.
2. The essential characteristics of tools of social network security, spoofing etc.
3. Enabled the students to independently create new cyber security based applications.
4. To explain concept and theories of networking and apply them to various situations, classifying networks, analyzing performance and implementing new technologies.