TECNIA INSTITUTE OF ADVANCED STUDIES
NAAC ACCREDITED GRADE "A" INSTITUTE
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Event	: One Day Workshop
Topic	: Ethical Hacking
Resource Person	: Mr. Yawar Humayun
Schedule	: 10.30 am onwards
Date	: 7th October 2019
Day	: Monday
Venue	: BCA Department PG Building 4th Floor Room No:-1410
Faculty In charge	: Dr.Vishal Khatri, HOD(BCA, MCA Department)
No of Students	: 48

Objectives:

To learn about:-

1. Ethical hacking and penetration testing.

2. Various types of attacks, attackers and security threats

3. Cyber security issues

4. Cryptography

5. Cyber security techniques

Mr.Yawar Humayun Institute Of Advance Networking Technology, Pitampura (Delhi), Addressing The Audience

Certificates Distribution By Director Sir

Students Attending The Workshop

Report Of Workshop On Ethical Hacking:

Tecnia Institute of Advanced Studies organized a workshop on 7th October 2019 at BCA Deptt (PG Block, 4th Floor Room No:-1410), by Corporate Trainer Mr.Yawar Humayun Institute of advance networking technology(IANT), Pitampura (Delhi) for BCA 1st and MCA 3rd & 5[th]Sem. The workshop divided into module and sub modules are:

1-DAY WORKSHOP CONTENT OF ETHICAL HACKING

- ➢ What is Ethical Hacking? Why Ethical Hacking?
  - Introduction to Ethics and Hacking
  - Introduction to Basics of Internet, Networking And Hacking
  - Why do we need ethical hacking?
  - What does the EHE v11 offer?
  - What are the prospects after having done the EHE v11?
- ➢ Windows Hacking
- ➢ Steganography
- ➢ WIFI-Hacking
- ➢ IP Address Tracking Systems
- ➢ Hacking Fake Mailing
- ➢ Fake Sms Keylogers
- ➢ Android Hacking

Ethical Hacking

The purpose of ethical hacking is to evaluate the security of and identify vulnerabilities in systems, networks or system infrastructure. It includes finding and attempting to exploit any vulnerability to determine whether unauthorized access or other malicious activities are possible.

Importance of Ethical Hacking?

In the dawn of international conflicts, terrorist organizations funding cybercriminals to breach security systems, either to compromise national security features or to extort huge amounts by injecting malware and denying access. Resulting in the steady rise of cybercrime. Organizations face the challenge of updating hack-preventing tactics, installing several technologies to protect the system before falling victim to the hacker.

New worms, malware, viruses, and ransomware are multiplying every day and is creating a need for ethical hacking services to safeguard the networks of businesses, government agencies or defense.

Types of Ethical Hacking?

It is no big secret that any system, process, website, device, etc., can be hacked. In order to understand how the hack might happen and what the damage could be, ethical hackers must know how to think like malicious hackers and know the tools and techniques they are likely to use:

- Windows Hacking
- Steganography
- WIFI-Hacking
- IP Address Tracking Systems
- Hacking Fake Mailing
- Fake Sms Keylogers
- Android Hacking

Types of Hackers

Hackers are of different types and are named based on their intent of the hacking system. Broadly, there are two main hackers – White-Hat hacker and Black-Hat hacker. The names are derived from old Spaghetti Westerns, where the good guy wears a white hat and the bad guy wears a black hat.

Learning Outcomes:

The students have learnt:-

1. Ethical hacking and penetration testing.
2. various types of attacks, attackers and security threats
3. Cyber security issues
4. Cryptography
5. Cyber security techniques