



TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC ACCREDITED GRADE "A" INSTITUTE

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Report on Workshop **“CYBER SECURITY WORKING IN ASSOCIATION WITH CISCO”**

Event: One Day Workshop
Topic: Cyber Security Working in Association with CISCO
Schedule: 11:00 am onwards
Date: 9th June 2022
Day: Thursday
Venue: Online- Microsoft Teams
Resource Person: Mr. Raghvendra Pandey
Convener : Ms. Pooja (Assistant prof., Computer Application Department)
No of Students: 120

The poster features the TECNIA logo and accreditation details on the left. The title 'WORKSHOP ON CYBER SECURITY WORKING IN ASSOCIATION WITH CISCO' is prominently displayed in the center. Below the title, four resource persons are introduced with their photos and titles: Dr. Ajay Kumar (Director, TIAS, Delhi), Mr. Raghvendra Pandey (Master Trainer, NIIT, Delhi), Ms. Pooja (Coordinator, Asst. Prof., TIAS, Delhi), and Dr. Deepak Sonker (HOD- BCA, TIAS, Delhi). The date and timing are listed as 09 June 2022 (Thursday) from 11:00 AM onwards. A QR code and a link to join the workshop are provided at the bottom.

TECNIA
INSTITUTE OF ADVANCED STUDIES
NAAC ACCREDITED GRADE "A" INSTITUTE
DELHI INDIA

Department of Computer Applications

WORKSHOP ON
CYBER SECURITY WORKING IN ASSOCIATION WITH CISCO

RESOURCE PERSONS

Dr. Ajay Kumar
Director
TIAS, Delhi

Mr. Raghvendra Pandey
Master Trainer
NIIT, Delhi

Ms. Pooja
Coordinator, Asst. Prof.
TIAS, Delhi

Dr. Deepak Sonker
HOD- BCA
TIAS, Delhi

Date: 09, June 2022. (Thursday)
Timing: IST 11:00 AM Onwards
Join Us: <https://bit.ly/3ms6454>

Workshop on “Static and dynamic routing implementation using Cisco packet tracker”

Objectives:

- To understand the concept of Cyber security.
- To learn the technicality of encryption related techniques.
- To learn about the job opportunities in this field.
- To understand the cyber-attacks on digital data.

Report of Workshop:

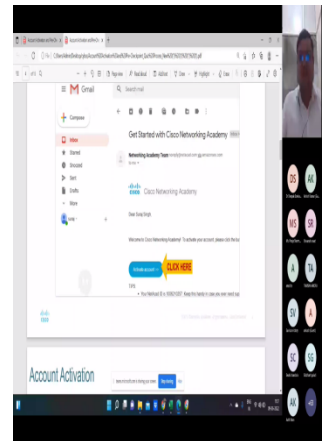
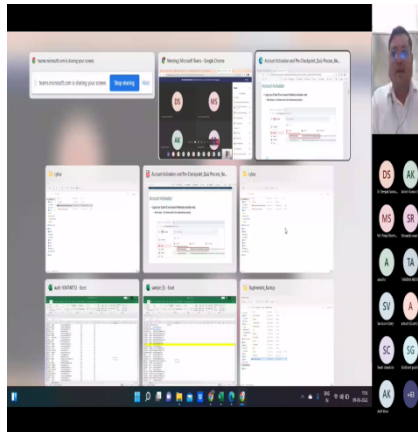
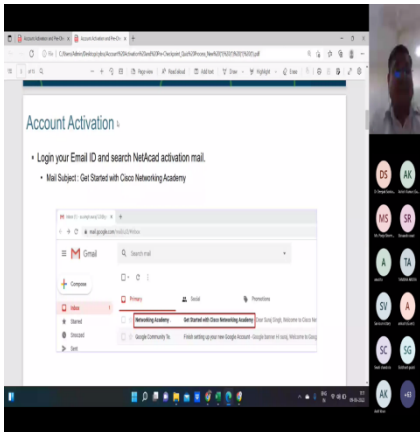
A workshop on “**CYBERSECURITY WORKSHOP IN ASSOCIATION WITH CISCO**” Was organized in Tecnia Institute of Advanced Studies on 9th JUNE, 2022. The resource person for this workshop was Mr. Raghvendra Pandey ,Master Trainee CCNA(NIIT Foundation). This program provided digital content access in English/Hindi languages to all the participants which helps them in making themselves secure.

Mr. Raghvendra Pandey firstly discussed about Cyber security. Then he explained the benefits of Cyber security in near future. He also explained the concepts with the help of a diagram. He shared his experience and discussed the scope of Cyber Security. He further elaborated the Security Techniques. He demonstrated few codes with the help of encryption techniques. He explained the various types of cyber-attacks. There was also a question-answer round held where Mr. Raghvendra Pandey satisfied the queries of students.

GLIMPSE:



Mr. Raghendra Pandey



What is Your Personal Data

- Your Data
- Medical Records
- Social Networks
- Abundance
- Employment and Financial Records

The slide features a central diagram labeled 'Your Data' with various icons representing different types of personal information.

For example you can utilize the Java Applet, Metasploit Browser, Credential Harvester, Tabnabbing all at once to see which is successful.

The HTA Attack method will allow you to clone a site and perform powershell injection through HTA files which can be used for Windows-based powershell exploitation through the browser.

- 1) Java Applet Attack Method
- 2) Metasploit Browser Exploit Method
- 3) Credential Harvester Attack Method
- 4) Tabnabbing Attack Method
- 5) Web Jacking Attack Method
- 6) Multi-Attack Web Method
- 7) HTA Attack Method

99) Return to Main Menu

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net:webattacks
  
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The Impact of a Security Breach

- Security Breach Example - Data Theft
- Security Breach Example - Denial of Service
- Security Breach Example - Malware Infection

The slide includes a diagram showing a network being overwhelmed by traffic, illustrating a Denial of Service attack.

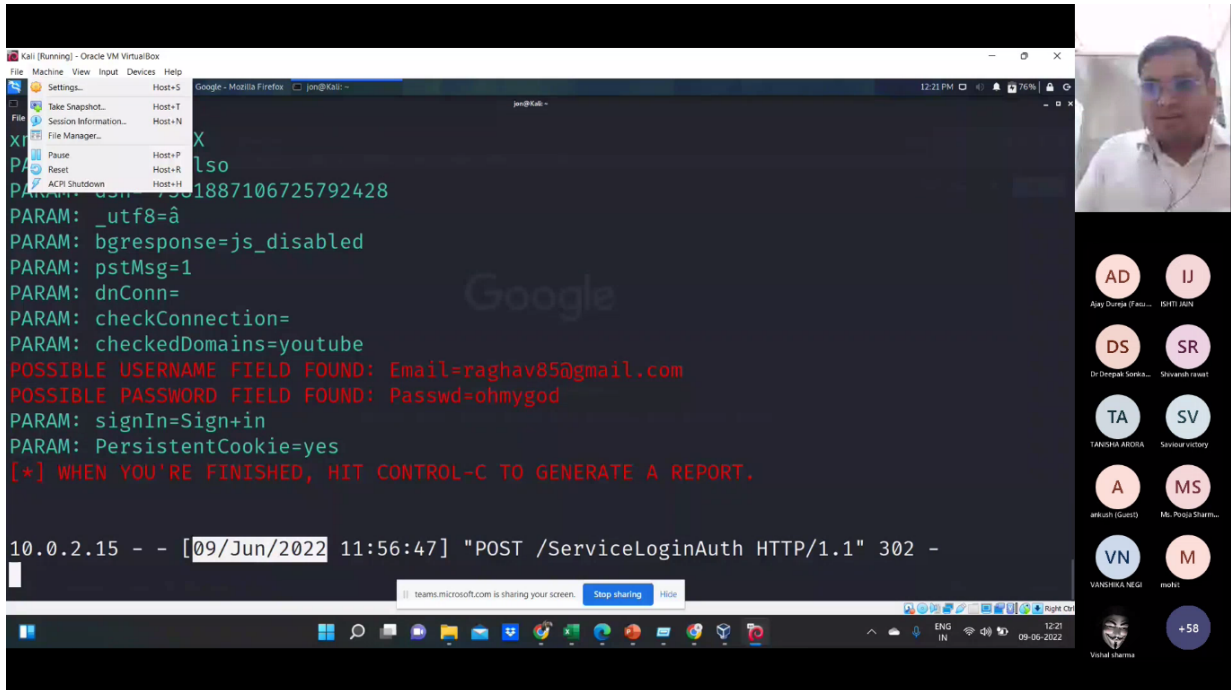
Demonstration with the help of examples

Denial of Service DoS

- DoS is a disruption of network services
- Overwhelming quantity of traffic** - a network, host, or application is sent an enormous quantity of data at a rate which it cannot handle
- Maliciously formatted packets** - maliciously formatted packet is sent to a host or application and the receiver is unable to handle it

The slide includes a diagram showing a 'Web Server' (www.KVZcorp.com) and a 'DoS Attacker' connected to an 'Internet' cloud. The attacker is sending a large volume of traffic to the server, causing it to become overwhelmed.

2.1 - Analyzing a Cyberattack
2.1.5 - Denial of Service
2.1.5.1 - DoS



Learning Outcome:

Students have learnt about:

- The concept of Cyber Security, to avoid phishing, span mails etc.
- Importance of Encryption techniques due to which a simple text can be converted into CIPHER text and decrypted at the receiver end
- Job opportunities in this field

List of Beneficiaries

S.NO.	ENROLL NO.	NAME OF STUDENT
1	00117002021	DHRUV VERMA
2	00217002021	UJJWAL JUNEJA
3	00317002021	VEDANT KUMAR
4	00417002021	RISHIKA ARORA
5	00517002021	ABHISHEK RANA
6	00617002021	SANIDHYA SINGH
7	00717002021	SAMPANN ARORA
8	00817002021	SATVIK

9	00917002021	RAHUL MITTAL
10	01017002021	MAYANK CHOUDHARY
11	01117002021	Kamar Alam Khan
12	01217002021	TARUN AGGARWAL
13	01317002021	DEV NALWA
14	01417002021	PRATHAM BABBERWAL
15	01517002021	PUNEET KUMAR
16	01617002021	MAHIVA BANSAL
17	01717002021	AMAN SHARMA
18	01817002021	HARDEEP SINGH
19	01917002021	SHEHBAZ
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22	02217002021	MOHIT
23	02317002021	PRATHAM ARORA
24	02417002021	BHAWYA GARG
25	02517002021	KARTIKAY SINGH
26	02617002021	ANKUSH YADAV
27	02717002021	SARTHAK ARORA
28	02817002021	PIYUSH SINGH
29	02917002021	KARAN YADAV
30	03017002021	AMAN SHARMA
31	03117002021	NAMYA GANDHI
32	03217002021	AKIB ZAVED
33	03317002021	SAHIL MOURYA
34	03417002021	ASHWIN SINGH RAWAT
35	03517002021	RITIK TANWAR
36	03617002021	SURAJ BALODI
37	03717002021	KHAYATI LUTHRA
38	03817002021	MANEESH VIJAYRAN
39	03917002021	JAYESH LAKRA
40	04017002021	GAGAN BAGHEL
41	04117002021	SHIVEK GOSAIN
42	04217002021	SARTHAK JAIN
43	04317002021	HIMESH
44	04417002021	VIPUL SARASWAT

45	04517002021	R KARTIKEYAN
46	04617002021	VIVEK CHAUHAN
47	04717002021	MUSKAN
48	04817002021	PAESHA
49	04917002021	AAYUSH ARYA
50	05017002021	TANISHA ARORA
51	05117002021	YASH UPADHYAY
52	05217002021	VANSHIKA NEGI
53	05317002021	ANSH GUPTA
54	05417002021	MOHAMMAD JAFAR ZAKI
55	MQ	NIWANSHU SHARMA
56	MQ	PARTH KAMRA
57	MQ	MUSKAN GUPTA
58	MQ	MEHAK GOEL
59	MQ	AYUSH RAI
60	MQ	GAUTAM GUPTA
S.NO	ENROLL NO.	NAME OF STUDENT
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2	00221302021	UPANSHU CHOUDHARY
3	00321302021	KIRTI VARDHAN AJMANI
4	00421302021	VANSH
5	00521302021	AYUSHBUDAKOTI
6	00621302021	KESHAV GUPTA
7	00721302021	ORAV GOYAL
8	00821302021	RISHA
9	00921302021	TUSHAR SHARMA
10	01021302021	MUDIT SHARMA
11	01121302021	ASHIMA MEHTA
12	01221302021	SAVIOUR VICTORY
13	01321302021	DEVINA DUGAR
14	01421302021	RAGHAV MAKAN
15	01521302021	ROHAN KARAYAT
16	01621302021	PIYUSH BORA
17	01721302021	AAYUSHI TYAGI
18	01821302021	SWATI CHANDOLA
19	01921302021	NISHA SINGH
20	02021302021	AATIF KHAN
21	02121302021	JASNOOR SINGH
22	02221302021	AMAN
23	02321302021	PARAMJEET SINGH

24	02421302021	DHRUV MADAAN
25	02521302021	AMIT SHARMA
26	02621302021	KRISHNA SHARMA
27	02721302021	SURYA CHAWLA
28	02821302021	ISHIKA CHHABRA
29	02921302021	VAIBHAV BHATIA
30	03021302021	NITISH SINGHAL
31	03121302021	RISHABH SINGH SOLANKI
32	03221302021	KAUSTAV CHAMOLA
33	03321302021	YASH KHANNA
34	03421302021	SIDDHANT GULATI
35	03521302021	SAISHA DUA
36	03621302021	VISHAL VERMA
37	03721302021	YUGAM GROVER
38	03821302021	ANSH SINGH
39	03921302021	GAGANDEEP SINGH
40	04021302021	MANAS THAKUR
41	04121302021	NAMAN BHAGAT
42	04221302021	KESHAV
43	04321302021	SOURABH DALAL
44	04421302021	SHIVANSH RAWAT
		ABHISHEK KUMAR
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46	04621302021	ARYAN JAIN
47	04721302021	AMAN JHA
48	04821302021	ROHAN JINDAL
49	04921302021	ARYAN THAKUR
50	05021302021	SHUBHAM
51	05121302021	AKASH GAUR
52	05221302021	SUMIT KUMAR GUPTA
53	05321302021	SNEHA JAIN
54	05421302021	NIKHIL KUMAR
55	MQ	RISHABH JAIN
56	MQ	MOHIT
57	MQ	VISHAL SHARMA
58	MQ	VANIKA MADRA
59	MQ	NISHITA GUPTA
60	MQ	DEEPAK CHANDEL