Report of Cyber Sage

XIE- IET On Campus, XIE-Cyber Security Cell and Allyn Girls in collaboration with Hacktify Cyber Security organized a 5 days Cyber Mastery and Network Skills Workshop named Cyber Sage from 24 June 2024 to 28 June 2024

Objective:

To unlock the secrets of the digital world and enhance the skills in key areas of cybersecurity with practical sessions by providing a hands-on experience as well as test and challenge participants' cybersecurity skills and knowledge by simulating real-world security scenarios in a controlled and competitive environment

Beneficiaries: Second ands third Engineering students.

Number of Participants: 37 Participants

Venue: Computer Center of Department of Computer Engineering.

Date / Duration: 24-28 June 2024 / 5 days

Trainer Details:

Name	Designation with Employer Details	Address
Dr. Rohit Gautam	Director, Hacktify Cyber Security	Mumbai
Dr. Shifa Cyclewala	Director, Hacktify Cyber Security	Mumbai
Dr. Vaishali Gaikwad	Associate Professor, Xavier Institute of Engineering	Mumbai
Prof. Stella J	Assistant Professor, Xavier Institute of Engineering	Mumbai
Mr. Aftab Khan	Cyber Security Analyst, Hacktify Cyber Security	Mumbai
Mr. Uddesh Vaidya	Cyber Security Analyst, Hacktify Cyber Security	Mumbai

Key Points:

The event was made successful by the team efforts of The Xavier Institute of Engineering Director Fr. John Rose S. J., Principal Dr. Y. D. Venkatesh, Dr. Vaishali Gaikwad professionals from Hacktify Cyber Security and the volunteers team.

We had participants from second, third year of computer engineering , computer science and engineering and information technology from Xavier Institute of Engineering and some participants from K.J. Somaiya College of Engineering as well as DES NMITD College, Dadar.

Day 01 (24 June 2024)

Trainer of the day: Prof. Stella J.

Prof. Stella J. delved into both theoretical as well as practical aspects of cyber security and networking essentials. She covered the Cyber Security Essentials, Linux Essentials, Introduction to Networking, OSI Model as well as a hands on experience of FTP Port Escalation.

Day 02 (25 June 2024)

Trainers of the day: Dr. Rohit Gautam and Dr. Shifa Cyclewala, Hacktify Cyber Security

This session began with the felicitation of the guest speakers by Fr. Dr. John Rose, the Director of XIE and Dr. Y. D. Venkatesh, Principal of XIE. Then in the first part of the session, Dr. Rohit Gautam dived into the Web Application Security, Cyber Hygiene practices, Necessity of penetration testing and an overall information about Bug Bounty. Followed by this, the second part session was taken over by Dr. Shifa Cyclewala wherein a detailed importance of cyber security fundamentals, concept of brute forcing, role of penetration testers and tips for aspiring cyber security professionals.

Day 03 (26 June 2024)

Trainer of the day: Dr. Vaishali Gaikwad

In this session, Dr. Vaishali Gaikwad led the students through an in- depth information about Digital Forensics. It started with the steps of Digital Forensics, followed by phases of digital forensics. Then basic networking topics such as SMTP, IP, etc were covered. An introduction to digital forensics tools such as EnCase, Autopsy, Bulk Extractor, WinHex and Wireshark made the session more interactive and practical and at the end, deleted data from the empty USB drives was retrieved as a part of the hands-on session in Digital Forensics.

Day 04 (27 June 2024)

Trainers of the day: Mr. Aftab Khan and Mr. Uddesh Vaidya

The final session was taken by the guest speakers from Hacktify Cyber Security. Mr. Uddesh conducted a comprehensive session on Network security and tools as well as common threats such as DDoS, MITM, importance of firewall, IDS and IPS. Mr Aftab carried the session forward by delving into Ethical hacking along with explanation of steps of Ethical hacking and also gave an overview about how the upcoming CTF Competition will look like.

Day 05 (27 June 2024)

This was the final testing for all the things learned during the previous days. A 24 hours CTF challenge was put forth by the Hacktify Cyber Security for all the participants.

MAPPING OF EVENT OUTCOME WITH POs/PSOs:

#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	3	3	3	3	3	2	2	2	3	3	2	2	2	2
EO2	3	3	3	3	3	2	2	2	3	3	2	2	2	2

Glimpse of the Event

Day 01 Session by Prof. Stella J

Felicitation of Dr. Rohit Gautam

Felicitation of Dr. Shifa Cyclewala

Felicitation of Mr. Aftab Khan

Felicitation of Mr. Uddesh Vaidya

Day 02 Session By Guest Speakers

Day 02 Group photo

Dr. Vaishali Gaikwad in Day 03 Session

Day 03 Group Photo

Mr. Aftab Khan in Day 04 Session

Mr. Uddesh Vaidya in Day 04 Session

Day 04 Group Photo

Dr. Vaishali Gaikwad
Associate Professor
Computer Engineering Department