

## **Report of Unleash the Hacker within You**

XIE- IET On Campus, organized an session of Ethical Hacking Seminar named Unleash the Hacker Within You on 07<sup>th</sup> August 2023.

### **Objective:**

To unlock the secrets of the digital world and enhance the skills in key areas of ethical hacking and cybersecurity. To learn the true essences of ethical hacking and cybersecurity in an easier way. To gain knowledge in this fields and develop skills in these domain.

**Beneficiaries:** Students of XIE

**Number of Participants:** 57

**Venue:** Seminar Hall, XIE

**Date / Duration:** 26<sup>th</sup> July 2023

### **Trainer Details:**

<b>Name</b>	<b>Designation with Details</b>	<b>Address</b>
Mr. Amir Zakaria	Currently pursuing B.E. in EXTC, 3 <sup>rd</sup> year student in VJTI	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 and the volunteers team.

We had participants from second, third year of Computer Engineering , Computer Science and Engineering, Electronics and Telecommunication Engineering, Information Technology from Xavier Institute of Engineering.

### **Event Details:**

Password cracking, phishing attacks, website hacking, and system hacking are prevalent cyber threats that pose significant risks to individuals and organizations. Password cracking is the process of recovering passwords from data stored in or transmitted by a computer system. It involves various techniques such as brute force, dictionary attacks, or exploiting weaknesses in password hashing algorithms to guess or decrypt passwords. Successful password cracking can lead to unauthorized access to systems, sensitive information, and user accounts, underscoring the importance of using strong, complex passwords and implementing multi-factor authentication. Phishing attacks, a type of social engineering attack, deceive individuals into providing personal information by pretending to be trustworthy entities. These attacks are commonly executed through emails, messages, or fake websites that appear legitimate but are

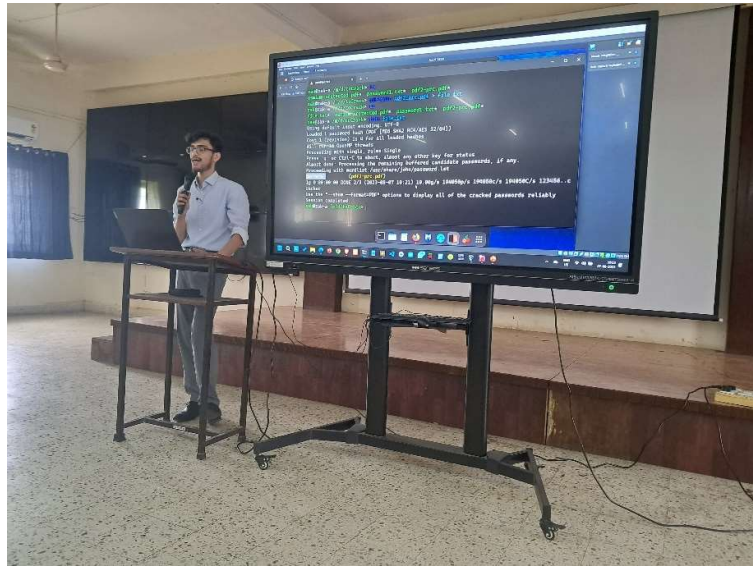
designed to steal credentials like usernames, passwords, and credit card numbers. Victims of phishing can suffer financial loss, identity theft, and unauthorized access to their accounts, highlighting the need for user education, email filtering, and using secure, verified websites. Website hacking involves exploiting vulnerabilities in a website's code, server, or infrastructure to gain unauthorized access or control. Attackers can manipulate website content, steal sensitive information, deface web pages, or distribute malware to visitors. Common techniques include SQL injection, cross-site scripting (XSS), and exploiting outdated software. Protecting against website hacking requires regular security audits, updating software, and employing robust web application firewalls. System hacking refers to exploiting weaknesses in computer systems to gain unauthorized access, control, or information. Hackers may use various methods, such as malware, exploiting software vulnerabilities, or social engineering, to infiltrate systems. Once inside, they can steal data, disrupt services, or install malicious software. Preventing system hacking involves implementing strong security protocols, regularly updating and patching software, and conducting security awareness training for users. These activities highlight the critical need for robust cybersecurity measures to protect against unauthorized access and cyber-attacks.

**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

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Glimpse of the Event



Speaker during the session



Engaging with Audience



Capturing insights at Ethical Hacking



Speaker with organizing committee

*Vaishali*

**Dr. Vaishali Gaikwad**  
Associate Professor  
Computer Engineering Department