

Breach'22 Workshop Report

1. Overview

Breach'22, a 2- day workshop on cybersecurity was held on the 13th and 14th of October 2022. This workshop was held to create awareness on the importance of cybersecurity and organizational network security as well as introduce the basics of it as a part of Cybersecurity Month Celebrations.

2. About the event

The topics covered in the first day are as follows:

S.NO	LEARNING OUTCOMES	ABOUT	OBJECTIVE
1	Case studies	Blue whale, Ice salt challenge, science of addiction, body dysmorphia disorder, Alicia Navarro case.	To bring out the importance of cybersecurity as an individual.
2	Attack on SCADA system	Brief on security operation centre. Bhopal gas disaster– Taking in password credentials from hackers arise website and using them to login into the simulation. Simulated and changed the pressure of tanks to create a virtual accident.	Bring in the cybersecurity point of view to the incident.
3	Complaint procedure	A brief on the topic.	To bring in the importance of the complaint procedure.
4	Uber hack and Rockstar hack	An insight into the hacks – how and for what they were hacked i.e., uber – user details and rockstar hack deals with gta 6 production leak. A small talk on the Ukraine power grid attack as well.	To bring notice of the recent cybercrimes.

The second day covered the following topics:

S.NO	LEARNING OUTCOMES	ABOUT	OBJECTIVE
1	Viruses, ransomware, dark web and proxy.	A brief on the topic as introduction followed by a hands-on session. Piratebay- accessing using normal internet vs tor. Launching VM into systems and accessing dark web radio using tor mode in brave.	To introduce the concepts basic concepts of cybersecurity and dark web. To bring awareness about the dark side of the piracy.
2	XSS attack	A brief on the same and an insight on how it can be done – using vulweb.	To introduce the concept of XSS.

3	OSI model layers, tcp/ip protocol	An introduction about the topic , covering the details of each layer and what vulnerabilities can be found where. A comparison of tcp/ip model to OSI model.	To understand OSI and TCP model layers.
4	Homograph attack, nmap and zphisher tool.	A brief on how links can be used for malicious activities – like gmail for gmail , instagram with different version of 'a' etc. Demonstration of using zphisher tool for getting user credentials.	To introduce the topic.

Participants on 1st day – 40 / 62.

Participants on 2nd day – 28 / 40.

Attendees on both the days:

Roll No	Name
21z201	Aadil Arsh.S.R
21z301	Akshayaa M
21z302	Amruth K Warriar
21z210	Aryaa S A
21z303	Bhavani Avudaiappan
20z213	Deepak S G
21z305	Dhanya S
20z216	Ganapathi Subramaniam
21z433	Glory C J
21z310	J Sam Andrew
20z228	KishoreKumar R
21z316	Lishanth PSS
20z328	Lokajit Gopal
21z225	M Hemali
21z225	Nandikaa G
21z241	Rakesh Kumar S
21z344	Sanjay P
21z352	Shrinidhi S
21z251	Santhoshi R
21z256	Shruti S
20z348	Sree Shivesh
21z266	Vaikunt Ramakrishnan
21z269	Vijayalakshmi P
21z240	Vishal Radhakrishnan
21z362	Swetha M
20z251	Shri Shivathmika V
20z248	Senthuran
20z231	Mithun

3. General audience Feedback

Overall, the event had gone smoothly. At the beginning, the audience wasn't too vocal but as the workshop progressed, the audience started to become more interactive with us. Queries and doubts raised during the sessions were clarified and resolved to our best capabilities. The club did face numerous technical difficulties due to the equipment and internet services provided by the department and we hope that this issue would be resolved in the future. Furthermore, we hope that we receive some more funding to provide refreshments to participants as long sessions tend to make participants tired.

Feedback entries :

"I attended the workshop conducted by The Eye for the last two days... And I wish to learn more about it.. Can you suggest some good resources to learn more about ethical hacking? The workshop was great!!! "

"Honestly, the workshop was really good!"

