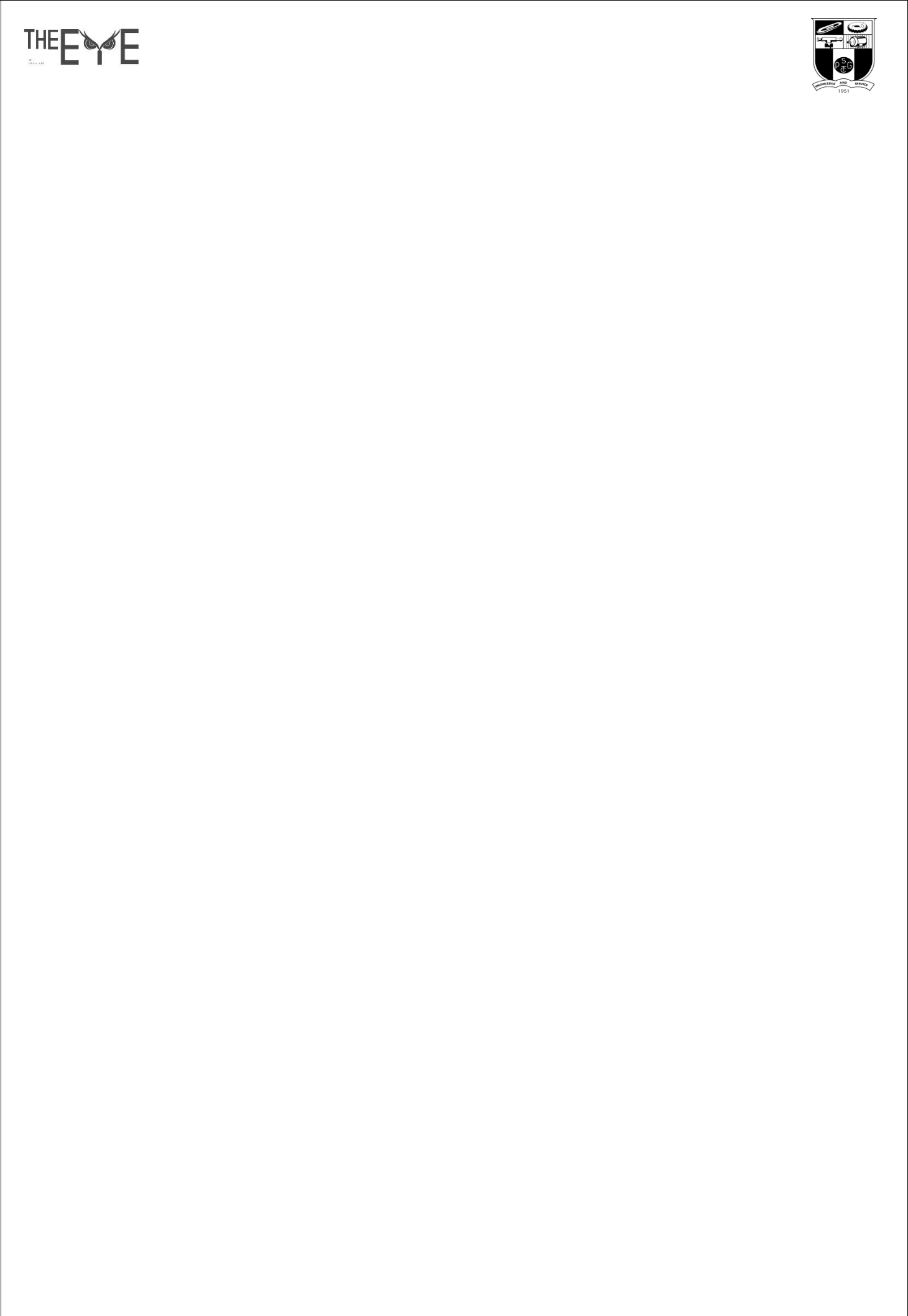
**Breach’22 Workshop Report**

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 | ABOUT | OBJECTIVE |
|  | OUTCOMES |  |  |
| 1 | Case studies | Blue whale, Ice salt challenge, science | To bring out the importance of |
|  |  | of addiction, body dysmorphia | cybersecurity as an individual. |
|  |  | disorder, Alicia Navarro case. |  |
| 2 | Attack on | Brief on security operation centre. | Bring in the cybersecurity point of |
|  | SCADA system | Bhopal gas disaster– Taking in | view to the incident. |
|  |  | 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. |  |
| 3 | Complaint | A brief on the topic. | To bring in the importance of the |
|  | procedure |  | complaint procedure. |
| 4 | Uber hack and | An insight into the hacks – how and for | To bring notice of the recent |
|  | Rockstar hack | what they were hacked i.e., uber – | cybercrimes. |
|  |  | user details and rockstar hack deals |  |
|  |  | with gta 6 production leak. |  |
|  |  | A small talk on the Ukraine power grid |  |
|  |  | attack as well. |  |

The second day covered the following topics:

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

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

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 Warrier |
| 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!”

