



**SIES Graduate School of Technology**  
Sri Chandrasekarendra Saraswati Vidyapuram  
Sector v, Nerul, Navimumbai-400706

**Industry Institute Interaction Cell**

**AICTE CII Survey Curriculum(Student) Input Activity Report**

**Title of the Activity**

(Student Internship/Student Industrial Visit/Visiting faculty from Industry/Guest Lecture)

**Event Information**

**Event Type:** Student Development Program

**Event Topic :** Ethical Hacking & Security

**Name of the Resource Person:** Dr. Aparna B, Ms. Suvarna Chaure, Ms.Ujawala Ravale, ms. Kalyani P.

**Industry Affiliation:** SIESGST

**Event date:** 15/06/2020

**Organized for:** FE and SE Students

**Organized by:** Dr. Aparna B, Ms. Suvarna Chaure

**No of Students attended:** 31

**Attachments:** 1. Event Description ( Maximum 500 words including major areas covered)  
2. Photographs  
3. Impact Analysis

## Event Description

The department of Computer Engineering of SIES Graduate School of Technology, Nerul, Navi Mumbai has successfully organized and conducted one week student development program on Ethical hacking and Security for First and second year students of EXTC/CE/IT/MECH branch from June 15-20, 2020 with 15 days of internship.

**OBJECTIVES AND GOALS:** The main objective of this SDP was to give insight to the participants of ever expanding field of Internet/cyber security world. It is aimed to provide knowledge to the students on how to identify the security parameters and penetration level in any organization in ethical manner and mitigating threats.

The goal is to identify general methodology of performing penetration in the internet world, tools available in performing actions and mitigating the risk .

**Outcomes:**

As a result of successful completion of this workshop, participants will be able to

- Understand current cyber security threats
- Analyze traffic patterns associated with suspicious network behavior
- Select and configure various Open-Source tools for network security in Kali Linux.

**Attendees:**

First year and second year engineering students from EXTC/CE/IT/MECH branch. Total 31 participants have attended the program.

**Session:** Major topics covered during the workshop are

- 1) Basics of Networking Hackby.Prof.Kalyani P
- 2) Scanning and sniffing using open source tools by Prof.SuvarnaChoure
- 3) Password cracking by Prof.SuvarnaChoure
- 4) Metasploit Framework: Prof.Aparna Bannore
- 5) Introduction to open WASP : Prof. Ujwala Ravale
- 6)SQLInjection,CSS and Malware detection by Prof.UjwalaRavale
- 7) Virus Demonstration : Kalyani P

**Mini projects:** The students demonstrated the skills developed through various mini projects developed during the workshop.

The topics were Project 1) Metasploit: for hacking windows XP system using Kali linux

Project 2: Keyloggerkeylogger(windows OS)

Project3: Steganography using windows Os using Openstego

Project4: Angry Ip scanner(Windows OS)

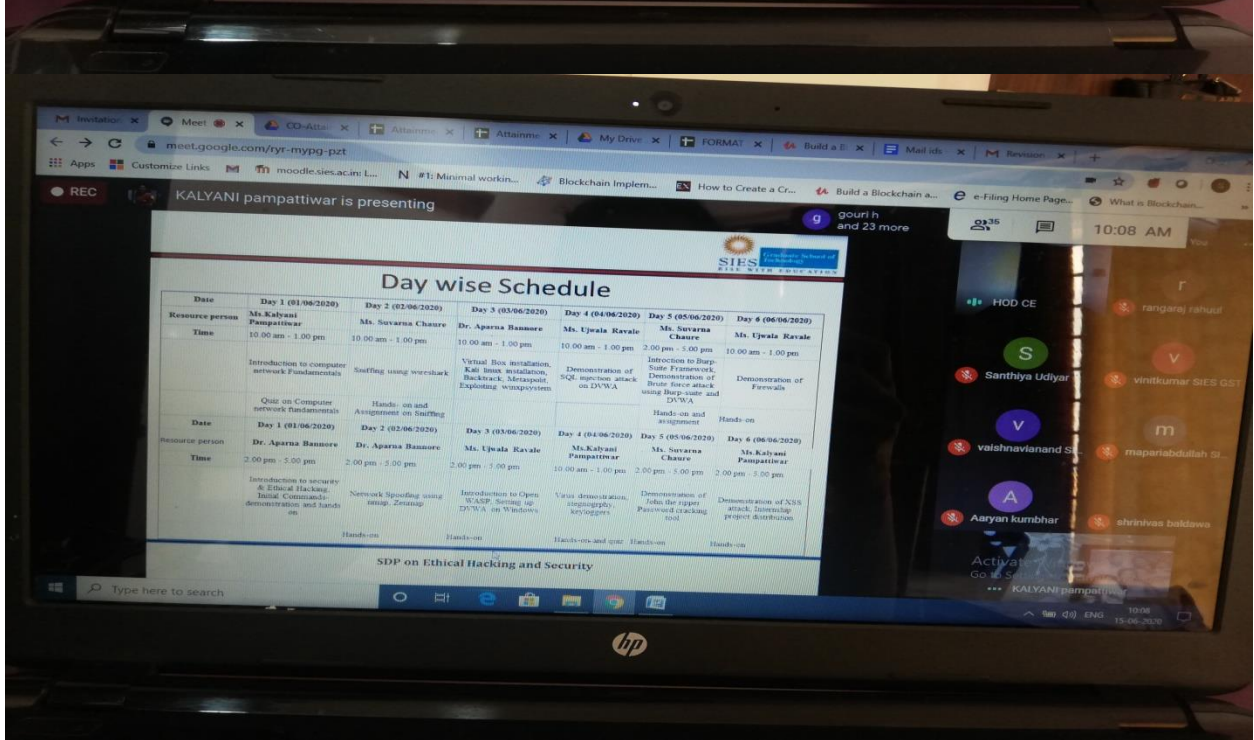
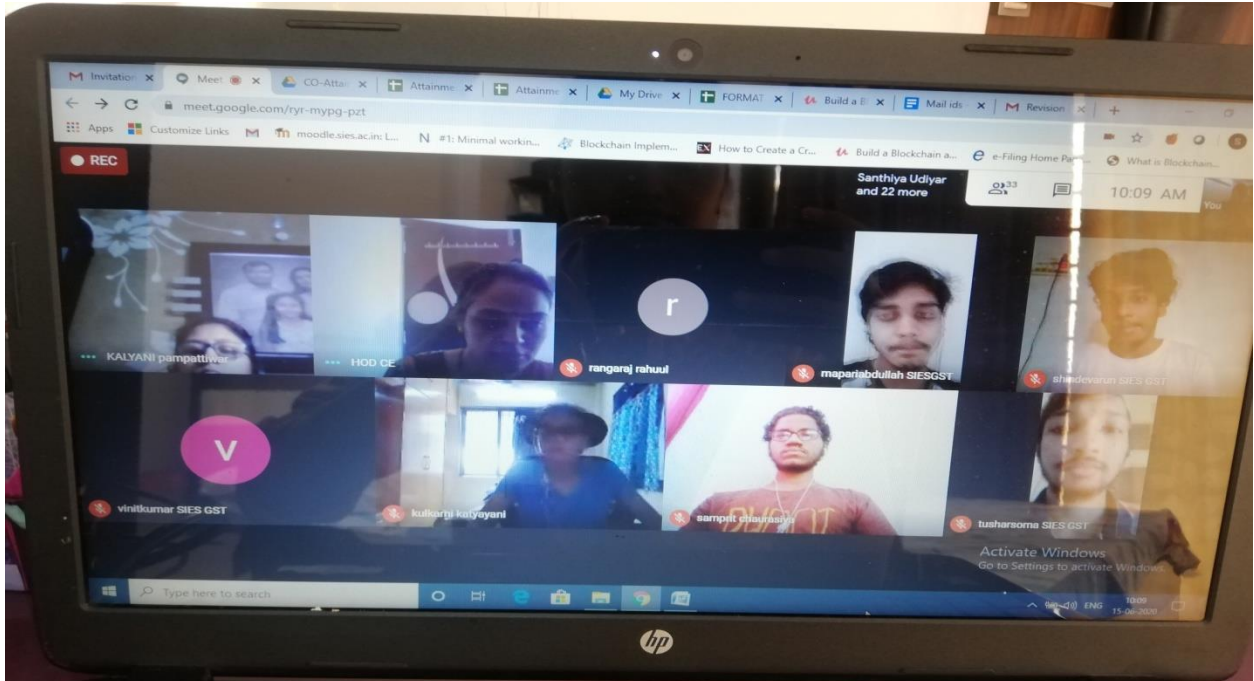
Project5: Web vulnerability scanner :netSparkar

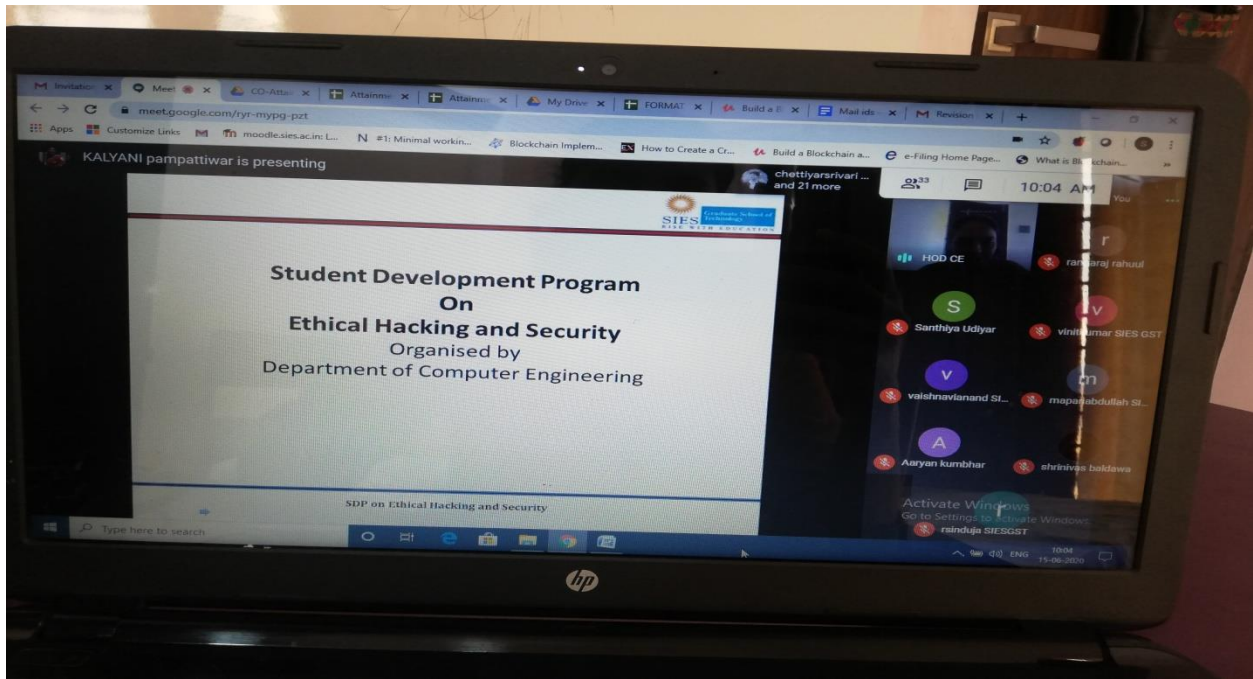
Project6: SQLmap using Kali Linux

Project 7 : Open WASP projects

**Feedback:**

The training program received good response from resource persons and attendees. All participants received the program very well and implement in their professional career.





### List of Students

Sr. No.	Name	Branch
1	Rahuul Rangaraj	SE-D
2	Santhiya Udiyar	SE-D
3	Varun Shinde	FE-D
4	R.S. Induja	FE-D
5	Samprit Chaurasiya	FE-C
6	Prathamesh Gawas	FE-C
7	Hiten Sharma	FE-A
8	Khush Patil	FE-A
9	Vedant Bhamare	FE-C
10	Mehul Aswar	FE-E
11	Sai Sri Sravya Sistla	FE-B

12	Tushar Ninawe	FE-B
13	Vaishnavi Anandakrishnan	FE-D
14	Pournima Thakare	FE-D
15	Srivari Chettiyar	FE-C
16	Abdullah Kadar Mapari	FE-C
17	Aaryan Kumbhar	FE-A
18	Anagha upparna	FE-B
19	Shrinivas Baldawa	FE-E
20	Aditya Pagare	FE-E
21	Nikhil Sabe	SE-D
22	Sangeeth Arun	SE-D
23	Tanvi Pathare	FE-D
24	Konar Lakshmanan	FE-E
25	Mendon Manas	FE-E
26	Gour H	SE-EXTC
27	Deshpande Ninad	SE-EXTC
28	Pallavi Lodhi	SE-EXTC
29	Atharva Zadbuke	SE-EXTC
30	Kulkarni Katiyayani	SE-EXTC
31	Vinit Kumar	FE-D

### Impact Analysis

- The student development program gave insight about various security peripheries in the organization and mechanism to protect the network security.

- The students were demonstrated with ethical manners to inspect the security measures established in organization.
- Students gained from this exposure to various tools used in the industry for penetration testing.

