



**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)

**Student Development Program**

**Event Type:** Student Development Program

**Event Topic :** Ethical Hacking & Security

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

**Industry Affiliation:** SIESGST

**Event date:** 27/06/2022 - 02/07/2022

**Organized for:**SE, TE ,BE all branches

**Organized by:** Ms. Suvarna Chaure

**No of Students attended:** 37

**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 SE, TE and BE students of EXTC/CE/IT/PPT branch from June 27- July 02, 2022 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 the 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 an 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:**

SE, TE and BE year engineering students from EXTC/CE/IT/PPT branch. Total 37 participants have attended the program.

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

- 1) Basics of Networking Hackby.Prof. Suvarna C
- 2) Scanning and sniffing using open source tools by Prof.SuvarnaChoure
- 3) Password cracking by Prof.SuvarnaChoure
- 4) Metasploit FrameworkProf.Aparna Bannore
- 5) Web Application Vulnerability : Prof. Ujwala R
- 6)SQLinjection,CSS and Malware detection by Prof.UjwalaRavale
- 7) Network hacking : Mr. Vikrant Pawar and team

**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)

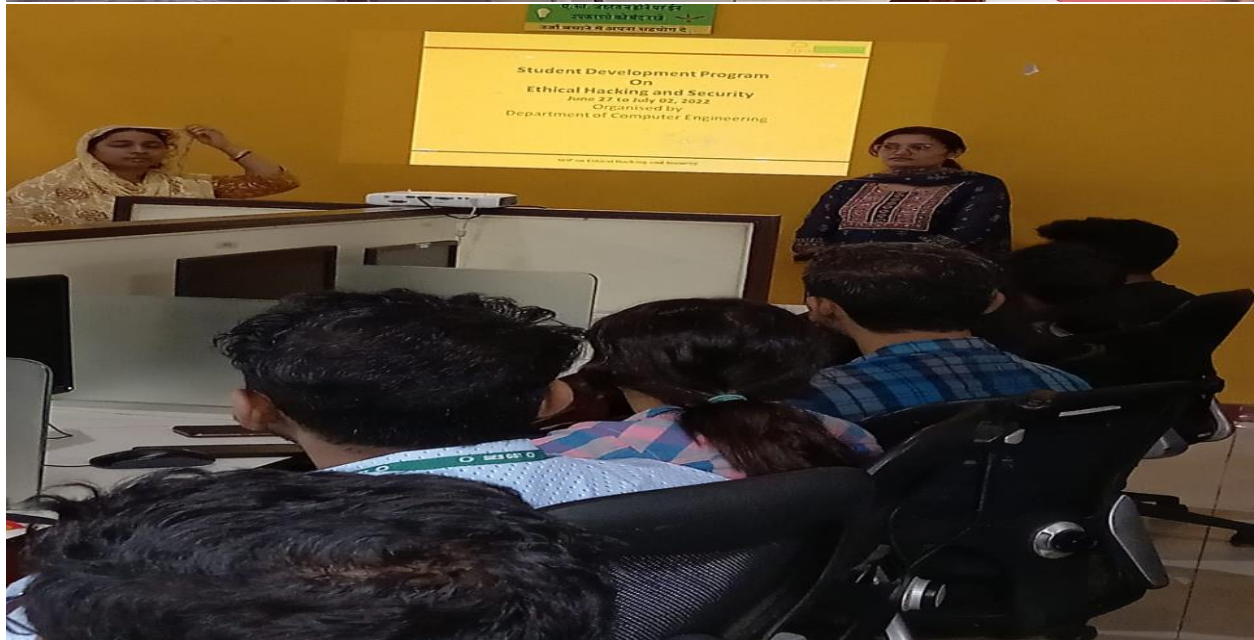
Project5: Web vulnerability scanner :netSparkar

Project6: SQLmap using Kali Linux

**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.

**Photograph:**



**Attendance:**

South Indian Education Society's  
GRADUATE SCHOOL OF TECHNOLOGY, Navi Mumbai.  
DEPARTMENT OF COMPUTER ENGINEERING

## Ethical Hacking and Security

June 27 to July 02, 2022

Attendance Sheet

Date: 27/06/2022  
Venue- New Lab-2

Time 10am-4pm

Sr. No.	Roll No.	Name of Student	Morning Session	Afternoon Session
1	119A1006	Akshat Rawat	AVRawat	AVRawat
2	119A3010	Bhaves		
3	120A1003	Ajesh Thangaraj Nadar		
4	120A1015	Sucharya Suresh Deshmukh		
5	120A1017	Faizan Kalam		
6	120A1022	Guntaka Saikiran reddy		
7	120A1028	Gaurav Dhanaji Jadhav		
8	120A1030	Vedant Vishwas Jadhav		
9	120A1055	Bhumika Mhatre		
10	120A1057	Mohammed Saahil Shaikh		
11	120A1064	NAIKAR MADHAVAN DHANABALU		
12	120A1071	Kiran pal		
13	120A1081	Ganeshraman pillai		
14	120A1084	Tejas Punde		
15	120A2009	Rushikesh		
16	120A2012	Samiksha Chikka		
17	120A2025	Souprem Madan Kota		
18	120A2039	Sahil santosh sah		
19	120A2045	Uday Nishad		
20	120A3017	Swati Vedavyasrao Jorapur		
21	120A3018	Tanseer khan		
22	120A3041	Bhoomi Prakash Rai		
23	120A3063	Aditya Yadav		
24	120A7017	Chinmay Vaity		
25	120A7020	Ved Gawade		
26	120A7032	Anamika Nevase		
27	120A7044	Raj Pawar		
28	120A7049	Manvi Sharma		
29	120A7051	Sanmitha Shetty		

30	220A2131	Omkar yendhe	<i>Omkar</i> <i>Yendhe</i>	<i>Omkar</i> <i>Yendhe</i>
31	220A4036	Kishor Lahu Gujar		
32	221A1137	Riya Ramesh Tattu		
33	120A2031	Omkar Kadam	<i>Omkar</i> <i>Kadam</i>	<i>Omkar</i> <i>Kadam</i>
34	120A2029	YASH MISTRY	<i>Yash</i> <i>Mistry</i>	<i>Yash</i> <i>Mistry</i>
35	120A1058	MRUNMAYEE KULKARNI	<i>Mrunmayee</i> <i>Kulkarni</i>	<i>Mrunmayee</i> <i>Kulkarni</i>



South Indian Education Society's  
GRADUATE SCHOOL OF TECHNOLOGY, Navi Mumbai.  
DEPARTMENT OF COMPUTER ENGINEERING

**Ethical Hacking and Security**  
**June 27 to July 02, 2022**

**Statement of Ethics**

I expect all those attending our course to abide by the following statement. I welcome improvements to the statement.

- I assure the instructor, the University, and the world that I am a caring, responsible, and principled person. I will help create a better world. Never will I engage in activity that deprives others in order to benefit from it.
- The techniques and links that I am exposed to are for educational purposes only. As a power user of computers and future network or systems administrator, I must be familiar with the tools that may be used to bring a network down. I may engage in a legitimate form of hacking, or more precisely, ethical hacking, as a consultant who performs security audits. This is the driving force in learning the past attack techniques.
- I will not directly provide anyone with the tools to create mischief. Nor shall I pass my knowledge to others without verifying that they also subscribe to the principles apparent in this statement.
- I will not engage in or condone any form of illegal activity including unauthorized break-ins, cracking, or denial of service attacks.

Sr. No	Name of Participant	Signature with Date
1	Akshat Rawat	
2	Bhavesh	
3	Ajesh Thangaraj Nadar	<i>Ajesh</i> 30-6-22
4	Sucharya Suresh Deshmukh	<i>Sucharya</i> 30-6-22
5	Faizan Kalam	<i>Faizan</i> 30/06/2022
6	Guntaka Saikiran reddy	<i>Guntaka</i> 30/06/2022
7	Gaurav Dhanaji Jadhav	<i>Gaurav</i> 30/06/2022
8	Vedant Vishwas Jadhav	<i>Vedant</i> 30/06/2022
9	Bhumika Mhatre	<i>Bhumika</i> 30-6-22
10	Mohammed Saahil Shaikh	<i>Saahil</i> 30-6-22
11	NAIKAR MADHAVAN DHANABALU	<i>Madhavan</i> 30-6-22
12	Kiran pal	
13	Ganeshraman pillai	<i>Ganeshraman</i> 30-6-22
14	Tejas Punde	<i>Tejas</i> 30/6/22
15	Rushikesh	<i>Rushikesh</i> 30/6/22
16	Samiksha Chikka	<i>Samiksha</i> 30/6/22
17	Souprem Madan Kota	<i>Souprem</i> 30/6/22
18	Sahil santosh sah	<i>Sahil</i> 30/6/22
19	Uday Nishad	<i>Uday</i> 30-6-22
20	Swati Vedavyasrao Jorapur	<i>Swati</i> 1/7/22
21	Tanseer khan	
22	Bhoomi Prakash Rai	<i>Bhoomi</i> 1/7/22
23	Aditya Yadav	<i>Aditya</i> 30/6/22
24	Chinmay Vaity	<i>Chinmay</i> 30/6/22
25	Ved Gawade	<i>Ved</i> 30/6/22
26	Anamika Nevase	<i>Anamika</i> 30/6/22
27	Raj Pawar	<i>Raj</i> (30/06/22)
28	Manvi Sharma	
29	Sanmitha Shetty	<i>Sanmitha</i> (30/06/22)
30	Omkar yendhe	<i>Omkar</i> (30/6/22)
31	Kishor Lahu Gujar	<i>Kishor</i> (30/06/22)
32	Riya Ramesh Tattu	<i>Riya</i> 30/6/22
33	MRUNMAYEE	<i>Mrunmayee</i> 30/6/22
34	Omkar Kadam	<i>Omkar</i> 30/6/22

**Feedback:**

Time stamp	Email Address	Name :	Roll No.	1. General impression about the content of the course?	2. How well did the content address your expectations?	3. How do you rate the quality of content presented?	4. How relevant was the content to your profession?	5. How do you rate the amount of content presented?	6. How do you rate hands on experience of this lab session?	7. Other comments about the event's content
7/4/2022 10:48:07	vedantjadhave120@sgst.ac.in	Vedant Vishwas Jadhav	120A1030	Oustanding	Outstanding	Excellent	outstanding	Oustanding	Excellent	New Things Experienced, Interesting...
7/4/2022 11:26:04	guntakaramarceddy120@sgst.ac.in	Guntak Saikiran Reddy	120A1022	Oustanding	Outstanding	Excellent	Excellent	Excellent	Excellent	The session was very useful now i came to know much about hacking and how to avoid hacking and how it plays a important role in our life
7/4/2022 11:33:03	bhumikamhatre120@sgst.ac.in	Bhumi ka Mhatre	120A1055	Oustanding	Excellent	Outstanding	Excellent	Excellent	Oustanding	.
7/4/2022 12:52:10	gujarkishortep220@sgst.ac.in	Kishor Lahu Gujar	220A4036	Very Good	Very Good	Outstanding	Very Good	Excellent	Very Good	The session was very amazing, interesting & informative.
7/4/2022	aditya	Aditya	120	Excellent	Very	Outstanding	Excellent	Excellent	Excellent	Awesome internship



022 19:1 3:59	ayad avit1 20@ sies gst.a c.in	Yadav	A30 63		Good	ding		nt	ent	
7/4/2 022 22:1 7:11	gaur avja dhav ce12 0@si esgs t.ac.i n	Gaura v Dhanaj i Jadhav	120 A10 28	Oustandin g	Outst andin g	Outstan ding	Excellent	Excele nt	Ousta nding	The development program was outstanding. We were learning new technology you all made it intresting by taking hands on sessions. College faculty's taught topic very nice and industry person was amazing. First time saw operating system hacking . It was informative and intresting . thank you for giving us opportunity to attend this program.
7/4/2 022 23:2 3:56	such arya desh muk hce1 20@ sies gst.a c.in	Deshm ukh Suchar ya Suresh	120 A10 15	Oustandin g	Outst andin g	Outstan ding	outstandin g	Oustan ding	Ousta nding	NA
7/5/2 022 19:4 3:39	naik ardh anab aluc e120 @sie sgst. ac.in	Naikar Madha van Dhana balu	120 A10 64	Oustandin g	Outst andin g	Excellen t	Very Good	Excele nt	Excell ent	had fun learning
7/5/2 022 21:0 1:58	mr un may ee ku lkarn ice1 20@ sies	Mrunm ayee Kulkar ni	120 A10 59	Excellent	Excel lent	Outstan ding	outstandin g	Oustan ding	Ousta nding	no

	gst.a c.in										
7/6/2022	omk arye xtc2 20@ 022 10:2 4:52	sies gst.a c.in	Omkar yendh e	220 A21 31	Excellent	Excel lent	Outstan ding	Excellent	Excell ent	Excell ent	Guest lecture was awesome hope next time we get more days of guest lecture
7/6/2022	ajes hnad arce 120 @sie 23:2 8:40	sgst. ac.in	Ajesh Thang araj Nadar	120 A10 03	Oustandin g	Excel lent	Excellen t	outstandin g	Oustan ding	Ousta nding	It was overall a great experience and got to learn something new.
7/10/2022	bhoo mirit 120 @gs 17:0 7:37	t.sie s.ed u.in	Bhoom i Prakas h Rai	120 A30 41	Excellent	Excel lent	Outstan ding	Very Good	Very Good	Very Good	The content presented was very useful and learned a lot.
7/11/2022	tejas pce1 20@ 23:0 0:24	gst.s ies.e du.in	Tejas Punde	120 A10 84	Excellent	Excel lent	Outstan ding	Excellent	Excell ent	Excell ent	A great session overall, especially by the industry expert.
7/17/2022	faiza nkal amc e120 @sie 16:2 4:40	sgst. ac.in	Faizan Kalam	120 A10 17	Oustandin g	Outst andin g	Outstan ding	outstandin g	Oustan ding	Ousta nding	I really appreciate the efforts put forwards by the faculty members for giving us a kick start in cyber security. Also the speakers arranged were amazing and all the sessions arranged were informative and something extra to learn in all 7 sessions. Thanks a lot for providing us with such an outstanding headstart.

## 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 the organization.
- Students gained from this exposure to various tools used in the industry for penetration testing.

9th  
Legend



# **SIES Graduate School of Technology Center of Excellence: e-Security**

Organizing  
Student Development Program and Internship

**6 days Hands on Training on**

## **Ethical Hacking and Security**

**June 10-15, 2019, 9.30 AM to 5.00 PM**

Ethical hacking is an emerging tool used by most of the organizations for testing network security. Emerging Threats emphasize the need for real-world assessment of an organization's security posture. Ethical hackers perform security measures on behalf of the organization owners. To bring awareness to students about this most sought field in the security domain we are providing the platform by arranging a student's development program on Ethical Hacking and Network.

### **Objectives:**

- ❑ Learn about System and Network security
- ❑ Hands-on experience of Ethical Hacking tools using Kali Linux.
- ❑ Practical real time demonstration of the latest Hacking Techniques, methodologies, tools, and security measures.

### **Course Contents:**

- ❑ Introduction to Ethical hacking
- ❑ Network sniffing and spoofing tools
- ❑ Server Side Hacking Tools., Client Side Hacking Tools: BACKTRACK, BEEF
- ❑ Web application Exploitation tools- Metasploit , Google hacking
- ❑ Virus and Steganography.
- ❑ Use of Block chain Technology in Security

**Who Should Attend:** FE/SE/Diploma Students interested in pursuing career in security.

**Course Fee: No Charges**

**Certificate:** In collaboration with 9<sup>th</sup> Legend Inc.

**Internship:** At the end of 5 days program participants will undergo 15 days internship covering identification of security threats and developing the security solution.

### **Outcomes:**

- ❑ This SDP will give insight to organizations security parameters, threats and Solutions.
- ❑ This SDP will provide base for certificated ethical hacker, certified penetration

tester. **Contact for Registration:** Aparna Bannore: [bannore.aparna@siesgst.ac.in](mailto:bannore.aparna@siesgst.ac.in),

9920809635 Prof.Suvarna Chaure: [suvarna.kendre@siesgst.ac.in](mailto:suvarna.kendre@siesgst.ac.in), 9769455405

# Six Days Students Development Program on Ethical Hacking and Security

(10-15 June, 2019)

## Day wise schedule

Day	Session1 9:30-10.00	Session2 10:00-1.00	Session3 1.45 - 3:30	Session 4 4:00-500	feedback
Day 1 10/06/2019	Inauguration	Introduction to computer network Fundamentals KNP	Introduction to security Ethical hacking Aparna Bannore	Initial Commands demonstration and hands on 1)Dig 2)whois 3)tracert 4)ifconfig Nslookup,host AMB	
Day 2 11/06/2019	Sniffing using wireshark Tcpdump +Assignment on sniffing Suvarna VChare	Assignment on Sniffing SVC	Network Spoofing using nmap, Amb	Zenmap Amb  Password cracking John the ripper SVC	
Day 3 12/06/2019	Kali linux installation Backtrack Metasploit AMB	Exploiting winxp system	Virus, steganography KNP	Key logger Lab work KNP	

Day 4 13/06/20 19	SQL injection UNR	SQL map UNR	Vulnerability assessment using Nesses  UNR	Quiz	
Day 5 14/06/20 19	Introduction to Blockchain tech Dr.Rizwana Shaikh	Continued	Wireshark challenges/	network miner	
Day 6 15/06/20 19	Browser Exploitation framework Dr.Vijay Katkar	BeEF continued	BeEF continued	Internship project distribution	Feedb ack

- 1) Quiz will be conducted at the end of each day to know the students understanding in the topic covered. All the resources are requested to prepare accordingly.
- 2) All the resource person are requested to prepare and keep ready mini projects topics related to the contents covered in te SDP which will be given to the participants. Three students per group, based on the students response , total number of groups will be decided.

#### List of Participants:

1	NIRMIT RAJESH SAWAI	nirmit.rajesh18@siesgst.ac.in	9870941743	IT/FE/E	
2	Shruti Azhagu Mani	shruti.azhagu18@siesgst.ac.in	9833603070	CE/FE/D	
3	Aditi jajoo	jajoo.aditi18@siesgst.ac.in	9699956440	EXTC/FE/A	
4	M.Surya	surya.m18@siesgst.ac.in	9920093425	EXTC/FE/A	
5	Karthik Prakash	karthik.extc18@siesgst.ac.in	9819501288	Extc/FE/A	
6	Aakriti Sharma	aakriti.sharma18@siesgst.ac.in	7208360846	CE/FE/D	
7	DARSHAN CHANDULAL PATEL	darshan.chandulal18@siesgst.ac.in	8425919658	CE/FE/C	

8	Aditi Rao	aditi.angad18@siesgst.ac.in	9082683101	EXTC/FE/B	
9	Afhan Ashfaque Mulla	mulla.afhan18@siesgst.ac.in	9594454300	ME/FE/F	
10	Vaishnavi Mukku	mukku.vaishnavi18@siesgst.ac.in	7738218012	Extc/fe/b	
11	Atharva Surve	surve.atharva18@siesgst.ac.in	9819539746	CE/FE/D	
12	Nikhitha Jayaprakash	nikhitha.jayaprakash18@siesgst.ac.in			
13	Shreya Pramod				
14	Rashmi singh	rashmi.shankar18@siesgst.ac.in	8104371394	Extc/Fe/B	
15	Prathamesh Thakur	thakur.prathamesh18@siesgst.ac.in	9326914193		
16	Rajkumar	rajkumar.kolanji18@siesgst.ac.in	9969846553	IT/FE/E	
17	Punit	suryarao.punit18@siesgst.ac.in	7045406050	EXTC/FE/B	
18	Shreya Mukherjee	shreya.mukherjee18@siesgst.ac.in	9930387845	CE/FE/D	
19	Shlok Vivek Naik	shlok.vivek18@siesgst.ac.in	9867942329	CE/FE/D	
20	Nadar Vijay	nadar.vijay18@siesgst.ac.in	8291257715	CE/FE/C	
21	Anirudh Belwadi	belwadi.anirudh18@siesgst.ac.in	9892348079	CE/FE/C	
22	Nishant Gharat	gharat.nishant18@siesgst.ac.in	9323792272	EXTC/FE/A	
23	C R Abubakkar Wasim	abubakkar.mohamed18@siesgst.ac.in	9867576847	CE/FE/C	
24	Ruchi Bheke	bheke.ruchi18@siesgst.ac.in	7767098691	CE/FE/C	

### List of Projects:

Sr. no	Ttitle of Project	Student Name		Signature
01	Angry Ip scanner(Windows OS):	Vinita Punjabi	Ujwala R	
02	Keyloggerkeylogger(windows OS)	Nikhitha	Kalyani P	

		jayapakash ShrutiAzhagu Mani Shreya Khare		
03	metasploit: for hacking windows XP system using Kali linux	Anirudh belwadi Darshan Chandulal patel Aakriti Sharma	va Aparna B	
04	steganography using windows Os using Openstego	Atharva Surve	Kalyani P	
05	Web vulnerability scanner :netSparkar	Vaishnavi M Prathmesh T	Suvarna C	
06	SQLmap using Kali Linux	Aditi Rao Punit S Rashmi S	Ujwala R	
07.	Networkminer	Rajkumar K Nirmit S Afhan M	Suvarna C	