Department of Electronics and Telecommunication
Event Report

EDUVANCE SUMMER INDUSTRIAL TRAINING 2018

Event Information
Event Type: SITIP 2018
Event title: Summer Industrial Training and Internship Program on Embedded Systems and IoT
Resource Person: Dr Jonathan Joshi
Event date: From: **June 19, 2018 To**: July 19, 2018
Organized for: Student
Organized by: Shubhangi Kharche
Target audience (branch & nos.): SE and TE EXTC 34 students

Attachments: **1. Photographs (in JPEG/PNG)**
                 2. Attendance report
                 3. Feedback

Event Description

- Total of two quizzes were conducted during the full course.
- Class Labs and assignments is based on 74 labs done in class, homework, and junior instructor feedback about every student.
- Final Course Project was based on all the concepts taught and practical performed during the entire course.
- Extra Credit Projects like Wireless Air mouse and Shake it off were performed as a part of the course.

GRADE DISTRIBUTION

Particulars	Weightage (%)
Attendance	5
Quizzes	15
Final Written Exam	25
Class Labs and Assignments	25
TA Variable	15
Final Course Project	15
Total	**100**
Extra Credit Projects Allotted (% worth)	**2**

GRADE CUT-OFF

% Range	Grade
80-100	A+
65-80	A
60-65	B+
50-60	B
Below 50	C

LIST OF PROJECTS

- **Shake-it Off**

Detection of fast and abrupt motion of a device using a 3-Axis Freescale Semiconductors MMA8451Q accelerometer with FRDM KL25Z.

- **Wireless Airmouse**

Used the on board accelerometer (Freescale MMA8451Q) and capacitive sensor APIs of MBED and developed a wireless mouse that alters its sensitivity with respect to the input given by the transmitter using an nRF24L01P transceiver pair to give it a wireless capability.

- **IOT On Request**

Uploading data on the Thingspeak server as a command from the user as well as downloading the required data from the Thingspeak server on the command from the user using serial communication and ESP8266 Wi-fi module.

- **Surface Level Indicator**

Detection of abrupt surface, either flat or extremely tilted using a 3-Axis on board accelerometer (Freescale Semiconductors MMA8451Q) with FRDM KL25Z.

- **Node-Red IBM**

Up streaming and Down streaming of data through Thingspeak server on Node Red platform and controlling various on board components of FRDM KL25Z using ESP8266 Wi-fi Module.

- **Data Acquisition system**

A data acquisition and logging system using serial communication through UART and plotting the real time output.

- **Wireless Data Acquisition system**

A wireless data acquisition and logging system using serial communication by uploading data on Thingspeak server by ESP8266 Wi-fi Module and plotting the real time output.

COURSE OUTCOMES

MBED

1) Students were introduced to ARM microcontrollers, the ARM MBED platform and the MBED online compiler.
2) Concepts of digital output and PWM understood using different APIs available on MBED platform.
3) Serial communication with computer using FRDM board and Terminal Application learnt.
4) Concepts of ADC learnt to interface an LDR and potentiometer with MBED board.
5) Students developed deeper understanding of basic C and Object oriented C++ coding.
6) Students built final project –A Wireless Data Acquisition System (DAS) using serial communication by uploading data to Thingspeak server through wifi -module via one-to-one communication from Transmitting Mbed board to Receiving Mbed board and plotting the real time output.

PSoC 4200 BLE and Internet of Things

1) Concept of Universal Digital Blocks (UDBs) learnt.
2) Using the PSoC Creator software for programming PSoC 4200 BLE.
2) Configuring various components like PWM and UART on the PSoC Creator software learnt.
3) Concepts of serial communication using UART and ADC of PSoC 4200 BLE and Terminal software learnt.
4) Internet of Things concepts learnt for different applications like monitoring using online data Stream.
5) Creation of an online data stream on Thingspeak and controlling the stream data.

Arduino UNO

1) Basics of Arduino and fundamental interfaces with Arduino learnt.
2) Using the IDE software for programming Arduino UNO.
3) Interfacing of various components like UART and PWM on the IDE software learnt.
4) Serial Communications with computer using Arduino UNO and Serial Monitor learnt.
5) Basics of other Arduino Platforms learnt.

1. Photographs (in JPEG/PNG)
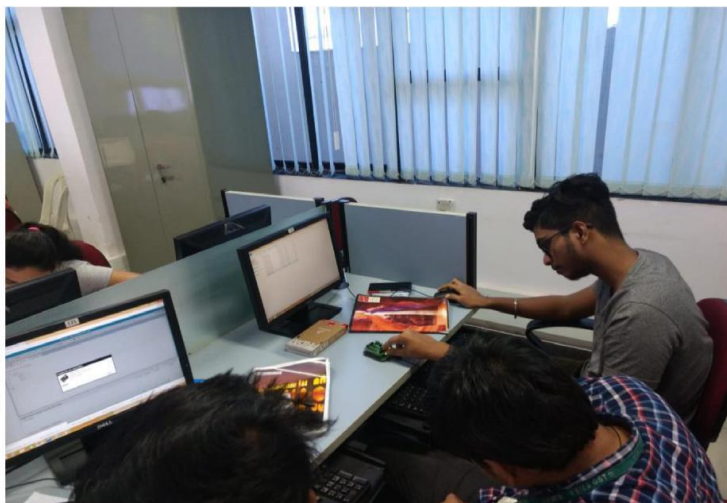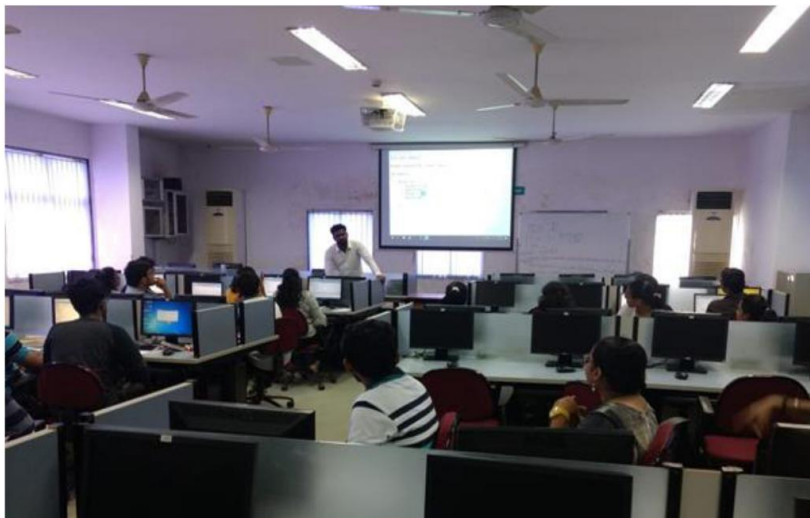
2. Attendance report (Scanned copy)

SITIP on Embedded Systems and IoT 2018 — Attendance Sheet
Department of Electronics and Telecommunication, SIESGST

Sr. No.	Name of Student	Roll No.	Class	Division	15.06.2018 Sign	19/6/18 Sign	19/6/18 Sign	20/6/18 Sign	21/6/18 Sign	22/6/18 Sign	22/6/18 Sign
1	Krutika Desai	216A2104	B.E	B							
2	Komal Jawale	216A2118	BE	B							
3	Satwik Chavan	21GA2099	BE	B							
4	DIKSHA DHANKAR	216A2106	B.E	B							
5	Yotesh DALVI	216A2163	B.F.	B							
6	Moiz Bombay										
7	Divit Shetty										
8	Jeet Barot										
9	Aashish Shetty										
10	Sarvesh kalhekar										
11	Ritiq kalkeral										
12	Dhiraj Kohli										
13	SURAJ SHETTY										
14	Joann Sukumar										
15	Manali Daloi										
16	Aishwaya Bombhe										
17	Aswathy										
18	A.J. Haravindan										
19	Amresh Verma										
20	Saidsui Gupta										
21	Medvanth Nair										
22	Siddhant Mahadik										
23	Poornima Naidu										
24	Mansi N										
25	Harshada Pawar										
26	Kabila Naalan										
27	Aamir Khan										
28	S. Anoop Iyengar										
29	Vignesh Iyer										
30	Rajiv Iyer										
31	Jithin Kishore										
32	POOJA VIJAYAKUMAREN	117POB2ITE		A							
33	k. SAIRAM										
34	Mayur Chavan	21A2103	BE	B							

Attendance Sheet

STTP on Embedded Systems and IoT 2018   Department of Electronics and Telecommunication, SIESGST

Sr. No.	Name of Student	Roll No.	Class	Division	15.06.2018 Sign	23/7/18 Sign	2/7/18 Sign	5/7/18 Sign	6/7/18 Sign	10/7/18 Sign	15/7/18 Sign
1	Rushika Desai	21GA2104	BE	B	K5	O					
2	Komal Tawale	21GA2118	BE	B	Pawl	O					
3	Satwik Chavan	21GA2009	BE	B	Chavan	O					
4	Diksha Dhaykay	21GA2106	B.E	B	Calore	O					
5	Nagesh Dalvi	21GA2103	B.E	B	Dalvi	O					
6	Minal Gumbhay					O					
7	Dinil Shetty					O					
8	Jeet Bajpai					O					
9	Aashith Shetty					O	-				
10	Saniesh Kakatkaya					O	-				
11	Aditya Kulkarni					O	-				
12	Dhriv Kohli					1	1				
13	Suraj Shetty					O	-				
14	Tasun Sultaney					O	-				
15	Mrunali Dalvi					O	-	O			
16	Ashwaya B.					O	-	-			
17	Akshay prasad.					O	1	-			
18	AT. Medivandan					1	-	-			
19	Ayush Verma					O	O	-			
20	Aksha Gupta					O	C	-			
21	Medhansh M.					O	C	-			
22	Siddhey M.					OC	C	-			
23	Puvvinika Haider					O	C	-			
24	Mansi N.					O	C	OO			
25	Mayshad Pawar					O	C	-			
26	Kokila Madav					C	C	-			
27	Aanay Khan					C	A	-			
28	Anurag Ayanax					C	A	1			
29	Nagacsh Ayaey						A	-			
30	Aajiv Ayey						A	1				O
31	Titenkundax						1	-				O
32	Dooja V.						O	-				O
33	KV Sritam						-	-				
34	Mayar Chavat	21GA2109	BE	B	Chavat	-	-				

Attendance Sheet

SITIP on Embedded Systems and IoT 2018 — Department of Electronics and Telecommunication, SIESGST

Sr. No.	Name of Student	Roll No.	Class	Division	15/7/2018 Sign	16/7/18 Sign	17/7/18 Sign	18/7/18 Sign	19/7/18 Sign	20/7/18 Sign	21/7/18 Sign
1	Krishika Desai	216A2104	BE	B	KD	–	–	–	–	–	–
2	Komal Tawale	216A2118	BE	B		–	–	–	–	–	–
3	Satwik Chavan	216A2011	BE	B		–	–	–	–	–	–
4	Diksha Dhaykar	216A2106	BE	B		–	–	–	–	–	–
5	Yogesh Rathi	216A2103	B.E.	B		–	–	–	–	–	–
6	Mohit Bramhad					–	–	–	–	–	–
7	Dinik Shetty					–	–	–	–	–	–
8	Teesh Barot					–	–	–	–	–	–
9	Aashik Shetty					–	–	–	–	–	–
10	Sawash Kalkelkat					–	–	–	–	–	–
11	Aditya Kulkarni					–	–	–	–	–	–
12	Dhruv Kelh					–	–	–	–	–	–
13	Suraj Shetty					–	–	–	–	–	–
14	Tesen Sukumar					–	–	–	–	–	–
15	Mrunali Dalvi					–	–	–	–	–	–
16	Aishwarya B.					–	–	–	–	–	–
17	Akhay prasad					–	–	–	–	–	–
18	A.T.Nakavindan					–	–	–	–	–	–
19	Aayush Verma					–	–	–	–	–	–
20	Saksh Gupta					O	O	O	O	O	–
21	Medhas Mehta					O	O	O	O	O	O
22	Sidbhey M.					–	–	–	–	–	–
23	Poovinnan.					–	–	–	–	–	–
24	Mansi H.					–	–	–	–	–	–
25	Khayala da Purav					–	–	–	–	–	–
26	Kakila Nadar					–	–	–	–	–	–
27	Aanvi Khan					–	–	–	–	–	–
28	Anavag Iyengar					–	–	–	–	–	–
29	Vignesh Jayef										
30	Rajin Iyer					–	–	–	–	–	–
31	Titin Kundes					–	–	–	–	–	–
32	Pooja V.					–	–	–	–	–	–
33	K. Sriami					–	–	–	–	–	–
34	Mayur Gharat	216A2103	BE	B	Gharat	–	–	–	–	–	Gharat

3. Feedback Report (Scanned copy)

The instructor had complete knowledge about the relevant topic.	The instructor did a thorough job of evaluating my work.	The instructor helped students master relevant concepts and skills.	Any comment about any instructor on Course? Please be specific.	Any comment about any Teaching Assistant on the course? Please be specific.	How likely are you to recommend the SIT course conducted by Eduvance to your friends?	Would you be interested in attending any other course conducted by Eduvance in near future?	Start Date (UTC)	Submit Date (UTC)	Network ID
5	5	5			4	5	2018-09-22 07:16:27	2018-09-22 07:17:47	d84651b3fa
4	4	4	Dilip sir is exceptionally well with examples ..it made easier	Both ta helped well and explained well	4	4	2018-09-22 07:12:55	2018-09-22 07:16:01	d84651b3fa
4	5	4	Dilip sir taught us from basics and made us practice simultaneously. he made sure we developed	TA was good with the help	5	4	2018-09-22 06:42:47	2018-09-22 06:45:57	6e86b772af
5	4	5		kaustubh helped us and his ha were good for practice	4	5	2018-09-22 06:36:06	2018-09-22 06:38:00	6e86b772af
4	5	5	Sir were so supportive and exceptional skills of teaching	nikunj was thorough and helpful	5	5	2018-09-22 06:31:01	2018-09-22 06:35:59	6e86b772af
4	5	5	Dilip sir helped us in every aspect and he was very coordinating .	both the TA's were helpful	4	5	2018-09-22 06:16:57	2018-09-22 06:30:50	6e86b772af
5	5	5	He was Great, He cleared all the doubts that we had and was very much interactive throughout the session	They were good!	5	5	2018-09-22 06:15:34	2018-09-22 06:19:33	6e86b772af
4	3	4	Dilip Sir had good knowledge of the topic but because of the time span he was not able to deliver it completely but	TAs were most of the time busy in their phone but helped us whenever we had any issues or errors	3	3	2018-09-22 06:09:16	2018-09-22 06:12:47	6e86b772af

			the teaching was good						
4	3	4	Dilip Sir was very helpful and he made us understand each and every concept thoroughly	Nikunj Sir and Kaustubh Sir were the best TA they were really very helpful in solving our doubts	5	5	2018-09-22 06:05:46	2018-09-22 06:09:02	6e86b772af
5	4	5	The instructor had good knowledge about the topic and was helpful in making us understand each and every topic	The TA were great and helped to solve our doubts and humble enough	5	4	2018-09-22 06:02:54	2018-09-22 06:05:23	6e86b772af
2	2	3		Trainers were more often busy on phone sometimes	3	3	2018-08-14 13:47:20	2018-08-14 13:50:27	fa3c5eca8f
3	4	1	Some of the topics like PSOC were given entirely as home assignments, and we were asked to watch video lectures. But I guess we didn't have enough time		2	2	2018-08-12 14:32:12	2018-08-12 14:35:48	10f77f2500
4	4	4			5	5	2018-08-11 06:41:24	2018-08-11 06:43:44	c45be86715
5	4	4			5	5	2018-08-11 06:08:30	2018-08-11 06:10:15	d68c99b763
4	2	2			1	2	2018-08-11 06:02:47	2018-08-11 06:04:32	e5553813aa
5	5	5			5	5	2018-08-11 06:00:50	2018-08-11 06:02:11	5a1091a0e0

Impact Analysis:

SIES GST STUDENT GRADE ANALYSIS

Total Students (EXTC): 34

SIES GST Grade Distribution
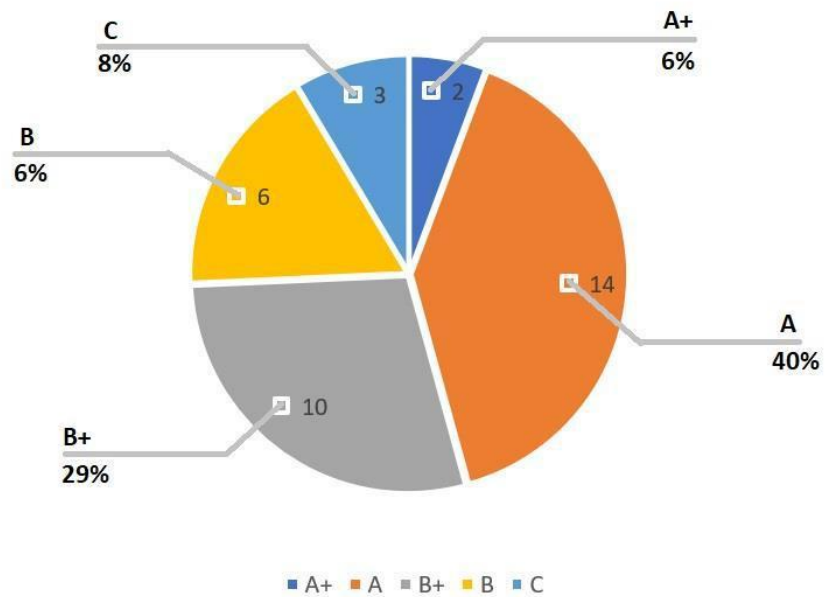
Name	Percentage	Grade	Department
Rajiv Srikrishnakumar Iyer	59.60	B	Electronics and Telecommunication

SIT SIES GST STUDENTS

K.Sriram	63.96	B+	Electronics and Telecommunication
S Anuraag Iyengar	73.13	A	Electronics and Telecommunication
Suraj Shetty	60.54	B+	Electronics and Telecommunication
Aayush Verma	39.45	C	Electronics and Communication
A J Haravindan	68.40	A	Electronics and Telecommunication
Krutika Vijay Desai	57.20	B	Electronics and Telecommunication
Komal Satish Jawale	59.45	B	Electronics and Telecommunication
Dhruv Kohli	73.65	A	Electronics and Telecommunication
Aditya Kulkarni	56.70	B	Electronics and Telecommunication
Satwik Santosh Chavan	61.82	B+	Electronics and Telecommunication
Jeet Barot	52.76	B	Electronics and Telecommunication
Moiz Bombay	56.79	B	Electronics and Telecommunication
Mansi Vitthal Nandanwar	69.10	A	Electronics and Telecommunication
Poornima Manohar Naidu	73.85	A	Electronics and Telecommunication
Saadat Hilal Mukadam	24.50	C	Electronics and Telecommunication
Sarvesh Chandrakant Kothekar	60.49	B+	Electronics and Telecommunication

Name	Percentage	Grade	Branch
Yogesh Shekhar Dalvi	62.34	B+	Electronics and Telecommunication
Diksha Babasaheb Dhaykar	62.61	B+	Electronics and Telecommunication
Aashith Shetty	70.96	A	Electronics and Telecommunication
Divit Dayakar Shetty	49.76	C	Electronics and Telecommunication
Medhansh Prakash Mahto	76.45	A	Electronics and Telecommunication
Siddhey Santosh Mahadik	63.98	B+	Electronics and Telecommunication
Harshada Jija Pawar	60.44	B+	Electronics and Telecommunication
Kokila Nadar Thanaselvam	62.61	B+	Electronics and Telecommunication
Aamir Naseem Khan	68.93	A	Electronics and Telecommunication
Vignesh Rameshkumar Iyer	73.00	A	Electronics and Telecommunication
Akshayprasad Arunkumar	80.03	A+	Electronics and Telecommunication
Sakshi Subodh Gupte	69.03	A	Electronics and Telecommunication
Jiten Ganesh Kunder	89.41	A+	Electronics and Telecommunication
Kallath Pooja Vijayakumaran	78.83	A	Electronics and Telecommunication
Mrunali Chintaman Dalvi	69.71	A	Electronics and Telecommunication
Aishwarya Nataraja Banawar	75.59	A	Electronics and Telecommunication
Jasan Sukumar	61.21	B+	Electronics and Telecommunication

| Mayur Gharat | 66.32 | A | Electronics and Telecommunication |

SIT SIES GST TOP 3 STUDENTS

Name	Percentage	Grade	Department
Jiten Ganesh Kunder	89.41	A+	Electronics and Telecommunication
Akshayprasad Arunkumar	80.03	A+	Electronics and Telecommunication
Kallath Pooja Vijaykumaran	78.83	A	Electronics and Telecommunication

Department of Computer Engineering
Activity Report

Student Development Program : Network Security and Ethical Hacking (**18** – 22nd of December 2018)

Event Information
Event Type: Student Development Program
Event title: **Network Security and Ethical Hacking**
Resource Person: Prof. Aparna Bannore , Prof. Sunil K.Punjabi, Prof. Suvarna Kendre , Prof. Kalyani Pampattiwar ,Prof. Ujwala Rawale,Prof. Priyanka Kadam
Event date: 18 – 22nd of December 2018
Organized for: ■ Student ☐ Faculty
Organized by: CoE e-Security
Target audience (branch & nos.): SE (CE+IT)=7 TE(CE+IT(1)+EXTC(1))=12
Attachments: 1. Photographs (in JPEG/PNG) 2. Attendance report 3. Feedback

Event Description

The design and implementation of energy efficient future generation communication and networking technologies also require the clever research. Advances in Computer Communications and Networks: from Green, Mobile, Pervasive Networking to Big Data Computing require strong base in the area of networking. Emerging threats emphasize the need for real-world assessment of an organization's security posture. To bring awareness to our students about this most sought field in the engineering domain a student development program on Network Security and Ethical Hacking was organized. This 5 days workshop was organized in collaboration with IT Company 9 th Legend.

Objectives:

- Learn about network concept and designing of network for organization.
- Hands-on experience of Ethical Hacking tools using Kali Linux.
- Practical real time demonstration of the latest Hacking Techniques, methodologies, tools.

Course Contents:

- Introduction to Computer Network and Security
- Routing and Switching protocol.
- Introduction to Ethical hacking, Network sniffing and spoofing tools.
- Exploitation tools- Metasploit, Google hacking, Malware and Steganography.

Total 19 students from SE/TE of (CE/IT) participated in the workshop and internship. Participants developed projects on the following topics as 15 days internship work

1) Title: Internet usage control using access control techniques.
2) Title: Network design proposal for Bank
3) Demonstration of SYN flood and DOS attack using hping3
4) Hacking Windows Xp system using Vulnerability of Adobe reader
5) Demonstrating password cracking tool from Kali linux.

Prof.Preeti Godabole also organized A talk by our alumni Mr.Shatavarth Cheruvu, UnotechSoft Ltd.(2015 batch), on 22/12/2018 on the topic Machine learning PIPELINE in order to give insight on phishing attacks and use of machine learning in it from industry perspective.

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.

Student Development Program
On
Network Security & Ethical Hacking

18/12/2018 to 22/12/2018

Student Development Program
On
Network Security & Ethical Hacking

18/12/2018 to 22/12/2018

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

Organizing
Student Development Program and Internship

5 days Hands on Training on

Network Security and Ethical Hacking
Dec 18-22, 2018, 10.00 AM to 5.00 PM

The design and implementation of energy efficient future generation communication and networking technologies also require the clever research. Advances in Computer Communications and Networks: from Green, Mobile, Pervasive Networking to Big Data Computing require strong base in the area of networking. Emerging threats emphasize the need for real-world assessment of an organization's security posture. To bring awareness to our students about this most sought field in the engineering domain we are providing the platform by arranging a student's development program on Network Security and Ethical Hacking.

Objectives:

- Learn about network concept and designing of network for organization.
- Hands-on experience of Ethical Hacking tools using Kali Linux.
- Practical real time demonstration of the latest Hacking Techniques, methodologies, tools.

Course Contents:

- Introduction to Computer Network and Security
- Routing and Switching protocol.
- Introduction to Ethical hacking, Network sniffing and spoofing tools.
- Exploitation tools- Metasploit, Google hacking, Malware and Steganography.

Who Should Attend: Any student from SE and TE (all branches)

Course Fees: SIES GST student Rs.500 / Others Rs.1000

Certification: in collaboration with 9th Legend Inc.

Internship: At the end of 5 days program participants will undergo 15 days internship covering developing secure web applications, identification of security threats and developing the security solution for various organizations (For ex: Bank Sector/Medical Sector/Insurance/IT Sector).

Outcome: This SDP is designed to provide solution of organizations Network structure.
- This SDP will give insight on various routing and switching technology.
- This SDP will provide base for certificated ethical hacker, certified penetration tester.

Contact for Registration:

Prof. Aparna Bannore: bannore.aparna@siesgst.ac.in,

9920809635 Prof.Suvarna Chaure: suvarna.kendre@siesgst.ac.in,
9769455405

Day wise schedule

Day	Session1 9:30-11.00	Session2 11:30-1.00	Session3 1.45 - 3:30	Session 4 4:00-500	feedback
DAy1 18/12/2018	Introduction to Computer Network (OSI model/TCP Model/Devices at each layer KNP	/IP addressing/ Subnetting) KNP	CISCO topology built up SKP	Static routing SKP	quiz
Day 2 19/12/	Routing Dynamic routing(RIP/ OSPF/EIGRP) PPK	Routing PPK	Switching *Basic configuration of Layer 2 manageable switch UNR*	Switching UNR	Quiz
Day 3 20/12/2018	Port Security UNR	Spanning tree UNR	ACL AMB		
Day4 21/12/201	Introduction to security Ethical hacking Aparna	Initial Commands demonstation and handson	Sniffing using wireshark Tcpdump +Assignm	Assignment on sniffing SVC	

| 8 | Bannore | 1)Dig 2)who is 3)traceroute 4)ifconfig AMB+SVC | ent on sniffing Suvarna VChaure | | |
| Day5 22/12/2018 | Installation of kali linux | Hacking windows system using Kali linux Metasploit /backtrack AMB | Virus, Steganography, Key logger KNP | Lab work | |

Internship project for SDp on Network Sec and Ethical Hacking

Please write your name against selected project

Sr.No	Title of Project	Mentor Name	List of Students	Signature
01	Title: Internet usage control using access control techniques. Report Contents 1. Problem	prof.Sunil K.Panjabi Mail: sunil.punjabi@siesgst.ac.in	Shubham Ambavne Devanshi Mehta Kirti Thakur	

	2. Network Topology Diagram 3. TCP/IP addressing 4. Network Design strategy 5. Router Configuration			
02	Project idea 3: Title: Network design proposal for Bank Report Contents Abstract Network requirements Network requirement analysis Hardware and software requirement analysis Additional requirements Features and Services (VLAN, ACL, Static NAT, Failover cluster) Network Topology Diagram Network Topology Diagram Explanation IP Network design IP address design Network Design and configuration strategy Hardware inventory list.	Prof.Kalyani P. Mailid :kalyani.pampattiwar @siesgst.ac.in	Vishodhan krishnan Hitesh naik Siddheshwar nadar	

3	**Topic 3:** Network design proposal for airport	Prof.Ujwala Rawale mailid:ujwala.ravale@siesgst.ac.in		
4	Title : **Demonstration of SYN flood and DOS attack using hping3**	Prof.Ujwala Rawale mailid:ujwala.ravale@siesgst.ac.in	Chandrakala Vasantapuram Shashank Chavan	
5	**Title: Hacking Windows Xp system using Vulnerability of Adobe reader**	prof.Aparna Bannore mailid:bannore.aparna@siesgst.ac.in	Mrunali Pisaal Nikhil Belose Devesh Pendse	
6	**Demonstrating password cracking tool from Kali linux** **(John, John the ripper)**	Prof.Suvarna Kendre mailid:suvarna.kendre@siesgst.ac.in	Mohan Amin Mageshwaran	
7	**Title: Network design with multiple VLANs and Single DHCP Server**	prof.Priyanka Kadam Mailid :priyanka.kadam@siesgst.ac.in	Sarvesh Manudhane Sahil Nande Jayadev Sitaraman	
8	**Dracnmap is an open source program which is using to exploit the network and gathering information with nmap help.** https://github.com/Screetsec/Dracnmap Solving the issues by modifying	Prof.Aparna Bannore	Monika Kadam Jaykumar Phadatare	

	code on github			

Feedback:

np	Email Address	Name :	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?
12/22/2018 15:00:15	kirtithakur2125@gmail.com	Kirti thakur	Good	Good	Good
12/22/2018 15:33:29	pendsedevesh@gmail.com	devesh pendse		Excellent	Outstanding
12/22/2018 15:35:06	ambavane.shubham217@siesgst.ac	Shubham Ambavane	Very Good	Excellent	Very Good
12/22/2018 19:05:48	mageshwaran.mudaliar217@siesgst.ac.in	Mageshwaran Anbumani Mudaliar	Excellent	Excellent	Outstanding
12/22/2018 20:22:57	mrunali9886@gmail.com	Mrunali Rangaanat Pissal	Very Good	Very Good	Very Good
12/23/2018 15:30:09	nikhil.belose217@siesgst.ac.in	Nikhil Belose	Excellent	Excellent	Outstanding
12/23/2018 19:13:18	shashankchavan07@gmail.com	Shashank Chavan	Excellent	Very Good	Very Good
12/28/2018 16:36:53	sahil.nande17@siesgst.ac.in	Sahil Nande	Oustanding	Excellent	Excellent
12/28/2018 19:26:46	thakur.kirti217@siesgst.ac.in	Kirti Chandrakant Thakur	Oustanding	Outstanding	Outstanding
12/29/2018 21:28:15	manudhane.sarvesh17@siesgst.ac.in	Sarvesh Manudhane	Excellent	Very Good	Very Good
1/24/2019 16:34:08	devanshimehta625.dm@gmail.com	Devanshi Mehta	Oustanding	Outstanding	Excellent
1/25/2019 16:47:15	jayadev.sitaraman17@siesgst.ac.in	Jayadev Sitaraman	Oustanding	Outstanding	Outstanding

Certificate:

CERTIFICATE

OF COMPLETION

This is to certify

Mr./Ms. _____ has

successfully completed the course on

"Computer Network and Security"

and fifteen days internship from 24th December,2018 to 17th January,2019 held at

SIES Graduate School of Technology.During internship he/she has successfully

completed project titled _____

MS.APARNA BANNORE
COE E-SECURITY COORDINATOR

DR.RIZWANA SHAIKH
HEAD,CE DEPT.

DR.VIKRAM S. PATIL
PRINCIPAL,SIESGST

9th Legend

SIES
RISE WITH EDUCATION
Graduate School of Technology

Centre of Excellence
e-Security

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: 10/06/2019
Organized for: FE Student s
Organized by: Dr. Aparna B, Ms. Suvarna Chaure
No of Students attended: 17
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 year students of EXTC/CE/IT/MECH branch from June 10-15, 2019 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 andmitigating 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 engineering students from EXTC/CE/IT/MECH branch. Total 17 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 FrameworkProf.Aparna Bannore

5) Introduction to Blockchain : Dr. Rizwana Shaikh

6)SQLinjection,CSS and Malware detection by Prof.UjwalaRavale

7) Browser Exploitation by Dr. Vijay katkar

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.
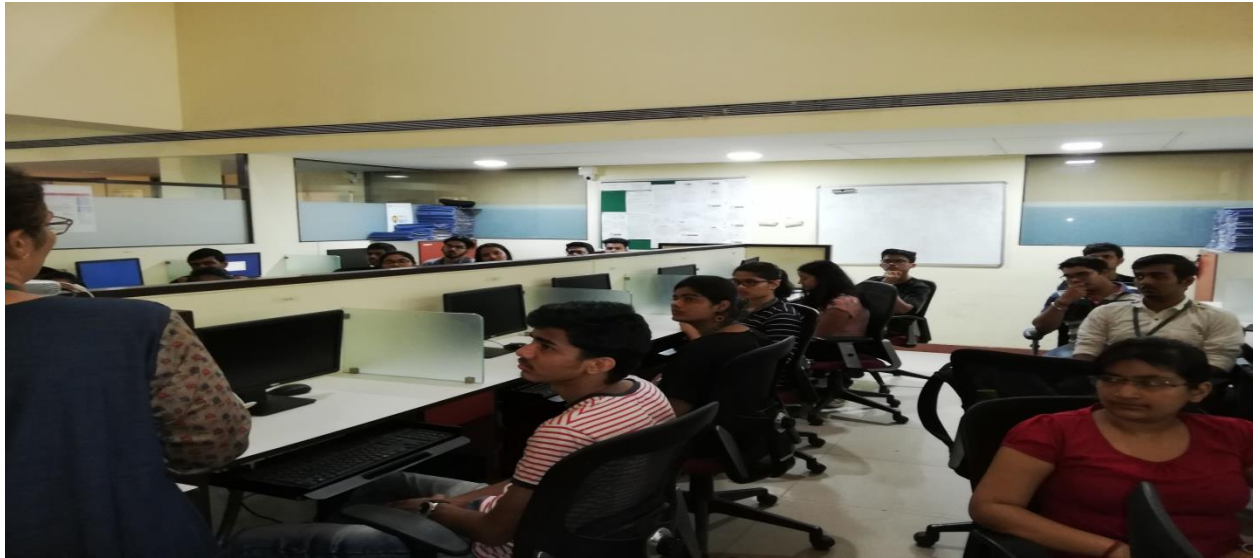
Impact Analysis

- 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.

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
June10-15, 2019, 9.30 AM to 5.00
PM**

Ethical hacking is an emerging tools 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 measure 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 9th 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,

9920809635 Prof.Suvarna Chaure: 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)traceroute 4)ifconfig Nslookup,host AMB	
Day 2 11/06/2019	Sniffing using wireshark Tcpdump +Assignment	Assignment on Sniffing SVC	Network Spoofing using nmap, Amb	Zenmap Amb Password	

	on sniffing Suvarna VChaure			cracking John the ripper SVC	
Day 3 12/06/2019	Kali linux installation Backtrack Metasploit AMB	Exploting winxp system	Virus, steganography KNP	Key logger Lab work KNP	
Day 4 13/06/2019	SQL injection UNR	SQL map UNR	Vulnerability assessment using Nesses UNR	Quiz	
Day 5 14/06/2019	Introduction to Blockchain tech Dr.Rizwana Shaikh	Continued	Wireshark challenges/	network miner	
Day 6 15/06/2019	Browser Exploitation framework Dr.Vijay Katkar	BeEF continued	BeEF continued	Internship project distribution	Feedback

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 jayapakash ShrutiAzhagu Mani Shreya Khare	Kalyani P	
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	

SIES Graduate School of Technology

Center of Excellence in Data Science and Deep Learning

SIES
Graduate School of
Technology
RISE WITH EDUCATION

5 days Student Development Program on "Machine Learning with Python"

Status : Ongoing, Internship will start in the month of Dec 2018

Date: August 04, August 11, August 17, August 25, September 29, 2018

Trainers: Prof. Shyamala Mathi, Prof. Rupal M, Prof.Vaishali Bhujade, Prof. Varsha Mali , Dr. Vijay K(SIESGST)

Duration: 5 days workshop followed by one month internship

OBJECTIVE AND GOALS:

This student development program aims at providing participants with the latest and general-purpose machine learning algorithms. At the same time, the training aims to deliver some common threads, or a common knowledge base, which can be used in the future for learning a wide range of algorithms.

SESSION :

CoE-DSDP faculties have conducted five days student development program on "Machine Learning with R" with following content,

    Module 1:   What is Machine Learning?

    Module 2:   Performance measures

    Module 3:   Classification, Regression – Linear and logistics

    Module 4:   Clustering

    Module 5:   Prediction, Support Vector Machines, PCA

    Project Implementation

ATTENDANCE & INFRASTRUCTURE:

Around 30 students registered for the SDP. Out which 28 students attended this SDP. During this SDP daily Assignments were given and day wise feedback has collected. Students are also assigned Machine Learning Projects

PHOTOS:

FEEDBACK:

Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Big data Analytics and Machine Learning.

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Center of Excellence in Data Science and Deep Learning
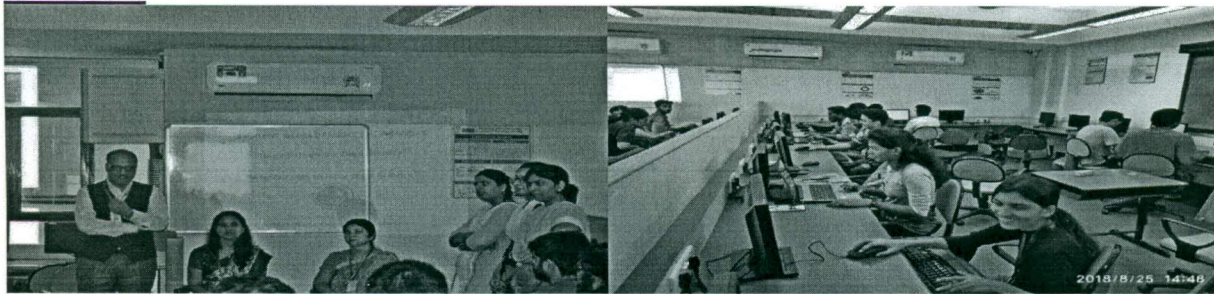
SDP on "Machine Learning with Python"

Attendance

Date 4/8/2018

Sr. No	Full Name	PRN NUMBER	Mobile No	Email Address	Session I	Session II	Branch
1	Avantika Mahalingam	117A3045		avantilingam@gmail.com			
2	Tanaya Badve	117A3007		badve.tanaya15@siesgst.ac.in			
3	Arpita Rane	115A1081 ~~117A2046~~	9594647886	arpita.arpita15@siesgst.ac.in	Jankal	Jankal	C.E
4	Maithili Pathak	117A1001		maithili.pathak16@siesgst.ac.in			
7	Rakshita Bakalkar	115A1036 ~~117A3012~~	9819913720	rakshita.bakalkar15@siesgst.ac.in	Rakshita	Rakshita	C.E.
8	Aditya Krishnan	117A2050		aditya.krishnan15@siesgst.ac.in			
9	Karthik shankar	117A1070		karthik.shankar16@siesgst.ac.in			
12	AVIRAL OJHA	117A1012		ojha.aviral15@siesgst.ac.in			
13	Mukesh Choudhary	115A3017		mukesh.choudhary15@siesgst.ac.in	Mukesh	Mukesh	I.T.
15	Ajun Nair	117A3013		ajun.nair16@siesgst.ac.in			
16	Shreyas Mudaliar	115A3039 ~~117A1077~~		shreyas.mudaliar15@siesgst.ac.in	Shreyas	Shreyas	I.T.
17	Unmesha kupekar	49		unmesha.kupekar216@siesgst.ac.in			
18	Abila Saravanabhavan	117A1083		abila.saravanabhavan15@siesgst.ac.in			
19	Anuja Reddy	116A3047 ~~117A1050~~	9146407331	anuja.reddy16@siesgst.ac.in	Anuja	Anuja	I.T
20	Sunil Poojari	217A3071 ~~117A3015~~	9870672470	sunil.poojari217@siesgst.ac.in	Suni	Suni	I.T

21	Thapar Siddhant	115A1001		siddhant.thapar16@siesgst.ac.in		
22	Pritam Negi	115 A1070 116A2112	8291036812	pritam.negi15@siesgst.ac.in	PNegi	PNegi	CE
23	Abhirup Kamath	116A2045		abhirup.kamath16@siesgst.ac.in			
24	Girish Pushkaran	116 A1063 115A2004	9892988907	girish.pulinkala16@siesgst.ac.in	Quum	Quum	CE
25	Mahalakshmi.Chell appan	115A1034		mahalakshmic19@gmail.com			
26	Pawar Pitambar Chandrakant	216A2136 115A1036		pitambar.pawar216@siesgst.ac.in	P.C.Pawar	P.C.Pawar	
27	Ashit Sapaliga	115A1072		ashit.sapalaiga16@siesgst.ac.in			
28	chaitanya d r	115A3017		chaitanya.chaitanya15@siesgst.ac.in			
29	Princy Stella John	115A3039		princy.nadar16@siesgst.ac.in			
30	Narayanmoorthy	216A1106		narayanmoorthy15@siesgst.ac.in			
31	Ajay Katti	216A2136		ajay.katti16@siesgst.ac.in			
32	Aayush Shetty	116A1074 115A2044	8879249710	aayush.shetty16@siesgst.ac.in	Shetty	Shetty	CE
33	Omkar	115A083		omkar.tawade15@siesgst.ac.in			
34	Shuaib basha	115A1029		shuaib.basha15@siesgst.ac.in			
35	Jane Dâ€™souza	115A3021		jane.dsouza15@siesgst.ac.in	Jane	Jane	CE
36	Neelam	116A1012		neelam.chaurasia16@siesgst.ac.in	Neelam	Neelam	
37	Aniket H. Chavan	216A3058		aniket.chavan216@siesgst.ac.in	Chavan	Chavan	IT
38	Akshara Saji	115A1004	808-0854605	akshara.saji15@siesgst.ac.in			CE
39	Aniket Rotey	116A3047					

No.	Name	ID	Phone	Email	Signature	Signature	Branch
40	NEHA JAGTAP	116A1031	9920087116	neha.jagtap16@siesgst.ac.in	Jagtap	Jagtap	CE
41	KAVITA HEGDE	116A1026	9819511880	Rovita.hegde16@siesgst.ac.in	Kav	Kav	CE
42	APURVA MHATRE	116A1045	9987637507	apurva.mhatre16@siesgst.ac...	AM	AM	CE
43	Pranav Pradeep	116A1061	8879953818	pradeep.pranav16@siesgst.ac.in	Pranav	Pranav	CE
44	Ramakrishnan.V	116A1065	8454069811	ramakrishnan.Varumamalai16@siesgst.ac.in	Rami	Rami	CE
45	Rahul.Sharma	116A1064	9969394991	rahulsharma16@siesgst.ac.in	Rahul	Rahul	CE
46	Varun Tadpatri	116A1086	8454099050	Varun.tadpatri16@siesgst.ac.in	Varun	Varun	CE
47	Akshit Shetty	116A1075	9664551285	akshit.Shetty16@siesgst.ac.in	Shetty	Shetty	CE
48	Vivek Bhanushali	116A1007	9769695403	vivek.Bhanushali16@siesgst.ac.in	Vivek	Vivek	CE
49	Akilesh Panicker	116A1051	9136347580	akilesh.panicker16@siesgst.ac.in	AP	AP	CE
50	Darshana.B	116A1006	9967928968	darshana.bhagat16@siesgst.ac.in	Darshana	Darshana	CE
51							

SIES GRADUATE SCHOOL OF TECHNOLOGY

Center of Excellence in Data Science and Deep Learning

SDP on "Machine Learning with Python"

Attendance

Date 11/8/2018

Sr. No	Full Name	PRN NUMBER	Mobile No	Email Address	Session I	Session II	Branch
1	Avantika Mahalingam	117A3045		avantilingam@gmail.com			
2	Tanaya Badve	117A3007		badve.tanaya15@siesgst.ac.in			
3	Arpita Rane	115A1081 ~~117A2046~~	9594647886	arpita.arpita15@siesgst.ac.in	Tanil	Tanil	CE
4	Maithili Pathak	117A1001		maithili.pathak16@siesgst.ac.in			
7	Rakshita Bakalkar	115A1036 ~~117A3012~~	9819913120	rakshita.bakalkar15@siesgst.ac.in	Rakshita	Rakshita	CE
8	Aditya Krishnan	117A2050		aditya.krishnan15@siesgst.ac.in			
9	Karthik shankar	117A1070		karthik.shankar16@siesgst.ac.in			
12	AVIRAL OJHA	117A1012		ojha.aviral15@siesgst.ac.in			
13	Mukesh Choudhary	1		mukesh.choudhary15@siesgst.ac.in			
15	Ajun Nair	117A3013		ajun.nair16@siesgst.ac.in			
16	Shreyas Mudaliar	117A1077		shreyas.mudaliar15@siesgst.ac.in			
17	Unmesha kupekar	49		unmesha.kupekar216@siesgst.ac.in			
18	Abila Saravanabhavan	117A1083		abila.saravanabhavan15@siesgst.ac.in	*signature*	*signature*	C·F
19	Anuja Reddy	117A1050		anuja.reddy16@siesgst.ac.in	Sunil		
20	Sunil Poojari	217A3071 ~~117A3015~~	9870672470	sunil.poojari217@siesgst.ac.in	Sunil	Sunil	I-T

	Name	ID		Email	Signature	Signature	
21	Thapar Siddhant	115A1001		siddhant.thapar16@siesgst.ac.in			
22	Pritam Negi	115A1070 116A2112	8291103812	pritam.negi15@siesgst.ac.in	P.Negi	P.Negi	CE
23	Abhirup Kamath	116A2045		abhirup.kamath16@siesgst.ac.in			
24	Girish Pushkaran	115A2004		girish.pulinkala16@siesgst.ac.in			
25	Mahalakshmi.Chell appan	115A1034		mahalakshmic19@gmail.com			
26	Pawar Pitambar Chandrakant	115A1036		pitambar.pawar216@siesgst.ac.in			
27	Ashit Sapaliga	115A1072		ashit.sapaliga16@siesgst.ac.in			
28	chaitanya d r	115A3017		chaitanya.chaitanya15@siesgst.ac.in			
29	Princy Stella John	115A3039		princy.nadar16@siesgst.ac.in			
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32	Aayush Shetty	116A1074 115A2014		aayush.shetty16@siesgst.ac.in			
33	Omkar	115A083		omkar.tawade15@siesgst.ac.in			
34	Shuaib basha	115A1029		shuaib.basha15@siesgst.ac.in			
35	Jane Dâ€™souza	115A1045 115A3021		jane.dsouza15@siesgst.ac.in	Jane	Jane	CE
36	Kajal Kattige	116A1035		kajal.kattige16@siesgst.ac.in	kajal	kajal	
37	Darshana.B	116A1006		darshana.bhagit16@siesgst.ac.in	Darshana	Darshana	
38	Apurva Mhatre	116A1045		apurva.mhatre16@siesgst.ac.in	AMz	AMz	
39	Pranav Pradeep	116A1061		pradeep.pranav16@siesgst.ac.in	Pranav	Pranav	

No.	Name	Roll No.	Phone	Email	Sign	Sign	Branch
40	Ramakrishnan V	116A1065	8454069811	ramakrishnan.vannamalai16@siesgst.ac.in	Ravi	Ravi	CE
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42	Akilesh Panicker	116A1051	9136347580	akilesh.panicker16@siesggstac.in	AB	AB	CE
43							
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SIES GRADUATE SCHOOL OF TECHNOLOGY

Center of Excellence in Data Science and Deep Learning

SDP on "Machine Learning with Python"

Attendance

Date 25/08/2018

Sr. No	Full Name	PRN NUMBER	Branch	Mobile No	Email Address	Session I	Session II
1	Avantika Mahalingam	116A1005 ~~117A3045~~	CE	9220053042	avantilingam@gmail.com	*signature*	
2	Mukesh Choudhary	115A3017	IT	8082606883	mukesh.choudhary15@siesgst.ac.in	*signature*	*signature*
3	Shreyas Mudaliar	115A3039 ~~117A1077~~	IT	842203164	shreyas.mudaliar15@siesgst.ac.in	*signature*	*signature*
4	Anuja Reddy	117A1050			anuja.reddy16@siesgst.ac.in		
5	Sunil Poojari	217A3071 ~~117A3015~~	I.T	9870672470	sunil.poojari217@siesgst.ac.in	*signature*	*signature*
6	Pritam Negi	115A1270 ~~116A2112~~	CE	8291036812	pritam.negi15@siesgst.ac.in	PNegi	PNegi
7	Mahalakshmi.Chellappan	116A2045 ~~115A1034~~	ExTC	8433782327	mahalakshmic19@gmail.com	Maha	
8	Pawar Pitambar Chandrakant	216A2136 ~~115A1036~~	Extc	959470944	pitambar.pawar216@siesgst.ac.in	P.C.Pawar	P.C.Pawar
9	Narayanmoorthy	216A1106			narayanmoorthy15@siesgst.ac.in		
10	Aayush Shetty	116A1074 ~~115A2014~~	CE	8879249710	aayush.shetty16@siesgst.ac.in	Shetty	Shetty
11	Jane D'souza	115A3021	CE	9853169260	jane.dsouza15@siesgst.ac.in	Jane	Jane
12	Soummya Kulkarni	116A1040	CE	7039835512	soummya.kulkarni16@siesgst.ac.in	SKulkarni	
13	Aniket chavan	216A3058	IT	9833470830	aniket.chavan216@siesgst.ac.in	*signature*	*signature*
14	Ramakrishnan	116A1065	CE	8454069811	ramakrishnan.vanumamalai16 @siesgst.ac.in	Rama.V	
15	Pranav Pradeep	116A1061	CE	8879953818	pradeep.pranav16@siesgst.ac.in	Pranav	Pranav

No	Name	Roll No	Branch	Phone	Email	Sign	Sign
16	Siddheeb M.	116A3032	IT	9167630860	siddheeb.menon16@siesgst.ac.in	Siddheeb	Siddhu
17	Apurva Mhatre	116A1045	C.E.	9987632507	apurva.mhatre16@siesgst.ac.in	AP	
18	Fariha M.Farook	115A1006	CE	9821048402	fariha.farookh15@siesgst.ac.in	Fariha Farook	Fariha Farook
19	Abila. S	115A1001	CE	9768897268	abila.saravanbhavan@siesgst.ac.in	Abila	Abila
20	Anuja Reddy	116A3047	IT	9146407331	anuja.reddy16@siesgst.ac.in	Anuja	
21	Vivek Bhanushali	116A1007	CE	9769695403	vivek.bhanushali16@siesgst.ac.in	Vivek	Vivek
22	Neelam chaurasia	116A1012	CE	9167910726	neelam.chaurasia16@siesgst.ac.in	Neelam	
23	Kavita Hegde	116A1026	CE	9819511280	kavita.hegde16@siesgst.ac.in	Kavita	
24	Dnuchana.B	116A1006	CE	9167912968	dnuchana.bhagil16@siesgst.ac.in	Dnuchana	
25	Priny Nadar	116A3037	IT	9004257234	priny.nadar16@siesgst.ac.in	Priny	Priny
26	Rahul Sharma	116A1064	CE	9608293400	rahul.sharma16@siesgst.ac.in	Rahul	
27	Varun Todpatri	116A1086	C.E.	8459999050	varun.todpatri16@siesgst.ac.in	Varun	
28	Akshit Shetty	116A1075	CE	9664551285	akshit.shetty16@siesgst.ac.in	Akshit	
29	Akilesh Panicker	116A1051	CE	9136347580	akilesh.panicker16@siesgst.ac.in	AP	AP
30	Neha Jaytap	116A1031	CE	9920087263	neha.jaytap16@siesgst.ac.in	Neha	

SIES GRADUATE SCHOOL OF TECHNOLOGY

Center of Excellence in Data Science and Deep Learning

SDP on "Machine Learning with Python"

Attendance Day 5

Date 29/09/2018

Sr. No	Full Name	PRN NUMBER	Branch	Mobile No	Email Address	Session I	Session II
1	Avantika Mahalingam	116A1005 ~~117A3045~~	CE	9220053042	avantilingam@gmail.com	*signature*	*signature*
2	Mukesh Choudhary	115A3017	IT	8082606883	mukesh.choudhary15@siesgst.ac.in	*signature*	*signature*
3	Shreyas Mudaliar	115A3034 ~~117A1077~~	IT	8422031619	shreyas.mudaliar15@siesgst.ac.in	*signature*	*signature*
4	Anuja Reddy	116A3047 ~~117A1050~~	IT	9146407331	anuja.reddy16@siesgst.ac.in	*signature*	*signature*
5	Sunil Poojari	117A3015			sunil.poojari217@siesgst.ac.in		
6	Pritam Negi	116A2112			pritam.negi15@siesgst.ac.in		
7	Mahalakshmi.Chellappan	115A1034			mahalakshmic19@gmail.com		
8	Pawar Pitambar Chandrakant	115A1036			pitambar.pawar216@siesgst.ac.in		
9	Narayanmoorthy	216A1106			narayanmoorthy15@siesgst.ac.in		
10	Aayush Shetty	116A1074 ~~115A2014~~	CE	8879249710	aayush.shetty16@siesgst.ac.in	*signature*	*signature*
11	Jane D'souza	115A3021	CE	9833169660	jane.dsouza15@siesgst.ac.in	*signature*	*signature*
12	Soummya Kulkarni	116A1040	C E	7039835572	soummya.kulkarni16@siesgst.ac.in	*signature*	*signature*
13	Aniket chavan	216A3058	IT	9833470838	aniket.chavan216@siesgst.ac.in	*signature*	*signature*
14	Ramakrishnan						
15	Pranav Pradeep	116A1061	CE	8879953818	pradeep.pranav16@siesgst.ac.in	*signature*	*signature*

16	Rakshita Bakalkar	115A1036	CE	9819913720	rakshita.bakalkar15@siesgst.ac.in		
17	Arpita C. Rane	115A1081	CE	9594164788	arpita.arpita15@siesgst.ac.in		
18	Neelam Chaurasia	116A1012	C.E	9167910776	neelam.chaurasia16@siesgst.ac.in		
19	Princy Nadar	116A3037	IT	9004257123	princy.nadar16@siesgst.ac.in		
20	Darshana Bhagit	116A1040	CE	9967928968	darshana.bhagit16@siesgst.ac.in		
21	Girish Pulvearan	116A1063	CE	9892989965	girish.pulvirkola16@siesgst.ac.in		
22	Akshit Shetty	116A1075	CE	9166551285	akshit.shetty16@siesgst.ac.in		
23	Rahul Shavya	116A1004	CE	9969639491	rahul.shanna16@siesgst.ac.in		
24	Varun Tadpatri	116A1086	CE	8454099050	varun.tadpatri16@siesgst.ac.in		
25	Ramakrishnan.V	116A1065	CE	8454069811	ramakrishnan.varunamalai16@siesgst.ac.in		
26	Apurva Mhatre	116A1045	CE	9987632507	apurva.mhatre16@siesgst.ac.in		
27	Bhanushali vivek	116A1007	CE	9769695403	vivek.bhanushali16@siesgst.ac.in		
28							
29							
30							

SIES GRADUATE SCHOOL OF TECHNOLOGY

Center of Excellence in Data Science and Deep Learning

SDP on "Machine Learning with Python"

Attendance Day 4

Date   /09/2018

Sr. No	Full Name	PRN NUMBER	Branch	Mobile No	Email Address	Session I	Session II
1	Avantika Mahalingam	116A1005 ~~117A3045~~	CE	922005304	avantilingam@gmail.com	*(signed)*	*(signed)*
2	Mukesh Choudhary	115A3017	IT	8082606883	mukesh.choudhary15@siesgst.ac.in	Mukesh	Mukesh
3	Shreyas Mudaliar	115A3039 ~~147A1077~~	IT	8422031619	shreyas.mudaliar15@siesgst.ac.in	Shreyas	Shreyas
4	Anuja Reddy	116A3047 ~~117A1050~~	IT	9146407331	anuja.reddy16@siesgst.ac.in	*(signed)*	*(signed)*
5	Sunil Poojari	117A3015			sunil.poojari217@siesgst.ac.in		
6	Pritam Negi	115A1070 ~~116A2112~~	CE	8291036812	pritam.negi15@siesgst.ac.in		
7	Mahalakshmi.Chellappan	115A1034			mahalakshmic19@gmail.com		
8	Pawar Pitambar Chandrakant	115A1036			pitambar.pawar216@siesgst.ac.in		
9	Narayanmoorthy	216A1106			narayanmoorthy15@siesgst.ac.in		
10	Aayush Shetty	116A1074 ~~115A2014~~	CE	8879249710	aayush.shetty16@siesgst.ac.in	Shetty	Shetty
11	Jane D'souza	115A3021	CE	9833169660	jane.dsouza15@siesgst.ac.in	Jane	Jane
12	Soummya Kulkarni	116A1040	CE	7039835592	soummya.kulkarni16@siesgst.ac.in	Skulkarni	Skulkarni
13	Aniket chavan	216A3058	IT	9833470830	aniket.chavan216@siesget.ac.in	*(signed)*	*(signed)*
~~14~~	~~Ramakrishnan~~						
15	Pranav Pradeep	116A1061	CE	8879953818	pradeep.pranav16@siesgst.ac.in	Pranav	Pranav

Sr. No	Full Name	PRN NUMBER	Branch	Mobile No	Email Address	Session I	Session II
16	Rakshita Bakalkar	115A1036	CE	9819913120	rakshita.bakalkar15@siesgst.ac.in		
17	Painey Nadar	116A3037	IT	9004757232	painey.nadar16@siesgst.ac.in		
18	Arpita C. Rane	115A1081	CE	9594646886	arpita.arpita15@siesgst.ac.in		
19	Neelam chaurasia	116A1012	CE	9167910776	neelam.chaurasia16@siesgst.ac.in		
20	Darshana Bhagit	116A1040	CE	7039835512	darshana.bhagit16@siesgst.ac.in		
21	Akshit Shetty	116A1075	CE	9604057285	akshit.shetty.16@siesgst.ac.in		
22	GIRIUTHPUHTERAD	116A1063	CE	9892988907	gmsh.pulinkala16@siesgst.ac.in		
23	APURNA MHATRE	116A1045	CE	9987632507	apurva.mhatre16@siesgst.ac.in		
24	Vivek Bhanushdi	116A1007	CE	9769695403	Vivek.Bhanushali16@Siesgst.ac.in		
25	Akhulesh Panickey	116A1051	CE	9136347580	akhilesh.panicker16@siesgst...		
26	Rutuja Hirave	115A3301	IT	8452076532	rutuja.hirave15@siesgst.ac.in		
27	Ramakrishnan.Y	116A1065	CE	8454069811	ramakrishnan.varumamalai16@siesgst.ac.in		
28	Rahul Shan wa	116A1064	CE	9693949491	rahul's.hanwa16@siesgst.ac.in		
29							
30							

SIES Graduate School of Technology

Center of Excellence in Data Science and Deep Learning

5 days Student Development Program on "Machine Learning with R"

Status : Ongoing, Internship will start in the month of Dec 2018

Date: August 04, August 11, August 17, September 20, September 21, 2018

Trainers: Prof. Pranita Mahajan, Prof. Varsha Mali (SIESGST)

Duration: 5 days workshop followed by one month internship

OBJECTIVE AND GOALS:

This student development program aims at providing participants with the latest and general-purpose machine learning algorithms. At the same time, the training aims to deliver some common threads, or a common knowledge base, which can be used in the future for learning a wide range of algorithms.

SESSION :

CoE-DSDP faculties have conducted five days student development program on "Machine Learning with R" with following content,

Module 1:	What is Machine Learning?
Module 2:	Performance measures
Module 3:	Classification, Regression – Linear and logistics
Module 4:	Clustering
Module 5:	Prediction, Support Vector Machines, PCA
Project Implementation	

ATTENDANCE & INFRASTRUCTURE:

Around 20 students registered for the SDP. Out which 13 students attended this SDP. During this SDP daily Assignments were given and day wise feedback has collected. Students are also assigned Machine Learning Projects

PHOTOS:

FEEDBACK:

Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Big data Analytics and Machine Learning.

SIES Graduate School of Technology, Nerul
Mechanical Engineering Department

Organize a
5 days Hands on Training on
PLC Programming From Scratch
24-29 DEC 2018

Now a days, programmable logic controllers(PLC) are an elementary component of state-of-the-art automation solutions. Intelligent solutions are not based on a conflict between these systems, but on unity. With important advantages like, robustness and easy handling, the PLC continues to guarantee its success. Further development will be dependent on more & more steadfast integration of information & communication technology. For the engineering processes, the integrated workflow will covers all engineering tools for production. This require transparency of the data flow between a company's production processes and its business processes.

This training program is meant to be a hands-on type course, giving students opportunity to work on Allen Bradley PLC and Learn various methods of PLC programming. This course is designed to equip the novice with no prior PLC programming experience with the basic tools necessary to create a complete PLC program.

OBJECTIVES

➢ To provide knowledge levels needed for PLC programming and its operating.
➢ To train the students to create ladder diagrams from process control descriptions.

COURSE CONTENT

➢ Introduction to PLC and its types
➢ Learning PLC programming using Ladder Diagram using the Rockwell software RSLogix 500
  ▪ Basic Inputs and Outputs
  ▪ Fundamentals of the Scan Sequence
  ▪ Understanding Bits and Instructions
  ▪ Basic Instruction XIC, OTE and XIO
➢ Different Task will be given to students related to PLC Programming

WHO SHOULD ATTEND

Any student from SE/TE (**EXTC/MECH/IT/CE/PPT**) – Entry for only first 20 students

Course Fees

Free of charge

Contact for Registration

Prof. Abhishek Kadam	Dr. Pradip P Patil
Mobile: 9730032260	Mobile:9869829395
Email ID: kadam.abhishek@siesgst.ac.in	Email ID: pradip.patil@siesgst.ac.in

SCHEDULE					
Date	Day 1	Day 2	Day 3	Day 4	Day 5
Resource person	Abhishek Kadam	Abhishek Kadam	Abhishek Kadam	Abhishek Kadam	Pradip P. Patil
Time	10:00 AM	10:00 AM	10:00 AM	10:00 AM	10:00 AM
Morning	Learning PLC programming using Ladder Diagram using the Rockwell software RSLogix 500

Basic Inputs and Outputs | Fundamentals of the Scan Sequence | Understanding Bits and Instructions | Basic Instruction XIC, OTE and XIO | Interfacing with Hydraulics and Pneumatic Kit |
	Assignment/ Activity				
Afternoon	Hands on practice on Rockwell software RSLogix 500	Hands on practice on Rockwell software RSLogix 500	Hands on practice on Rockwell software RSLogix 500	Hands on practice on Rockwell software RSLogix 500	Hands on practice on Rockwell software RSLogix 500 and Pneumatic Kit

Photographs:

Report:

A SDP was organized for the Mechanical Engineering student **from** 24 December 2018 to 29 December 2018. The SDP was conducted by Prof. Abhishek Kadam on the topic "PLC programming from scratch" in Mechatronics lab in Mechanical Engineering Department. Altogether 20 students were present for the workshop. The workshop consists of live problems of various domains such as Hydraulics and pneumatics. The detail analysis of the feedback is given below:

Criteria (Tick the appropriate column)	Strongly Agree	Agree	Disagree	Strongly Disagree
The content was as described in publicity materials	75%	25%	-----	-----
The material was presented in an organized manner	75%	25%	-----	-----
I will recommend this workshop to other conservators	60%	40%	-----	-----
The program was well paced within the allotted time	41%	59%	-----	-----
The instructor was a good communicator	92%	8%	-----	-----
The instructor was knowledgeable on the topic	93.5%	6.5%	-----	-----
I would be interested in attending a follow-up, more advanced workshop on this same subject	58.3%	41.7%	-----	-----