

List of SDP Conducted in AY 2019-20:

- 1. Embedded System Design Using Arduino
- 2. Embedded system-Arm Mbed and Node McU
- 3. FPGA design using VHDL
- 4. Introduction to Arduino, IoT and Interfacing using Simulator software
- 5. Machine Learning and Image Processing using Python
- 6. C, C++ and Java coding skills
- 7. BlockChain Technology
- 8. Network Security & Ethical Hacking
- 9. Ethical Hacking & Security
- 10. Hands on Training on Introduction to R
- 11. web technology
- 12. Datascience with R
- 13. Advance C
- 14. Advanced web technology
- 15. Software Design
- 16. Skill Development Training
- 17. Data Mining and Analytics
- 18. CCNA Routing and Switching
- 19. Heat Transfer and Fluid Flow Analysis using Ansys Fluent
- 20. Industrial drawing and modeling using AutoCAD and Solid works
- 21. Modeling Robot Kinematics using Python Programming
- 22. Universal Human Values

SIES Graduate School of **Technology**

Department of Electronics and Telecommunication Hands on Training on

Workshop on Embedded System Design Using Arduino-Uno

17th December 2019 To: 31st December 2019

10 AM to 4.00 PM

Who will be benefited?

1. Engineering branch students who are interested in microcontroller and embedded systems

Prerequisite

Background of Digital electronics

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- o 🛘 To develop the background knowledge and core expertise of an embedded system design. o 🗆 Introduction to Arduino Board.

- o

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 \sum \text{To know the sensor interfacing and its programming.}
 \]
- $\hfill\Box$ To write C/C++ language programs for Arduino board for various applications.
- $\hfill\Box$ To know the working of different sensors and their use in an embedded systems

Outcomes:

Students will be able to design embedded systems based on microcontroller and arduino board.

By the end of the course, the learner can:

Design embedded systems based on microcontroller and arduino board.

Contact for Registration:

Prof. Vishal Gaikwad, Mob. - 9665779359

Email ID: gaikwad.vishal@siesgst.ac.in

Note:

- 1. Workshop is free of cost for SIES GST students
- 2. Workshop is for all branches of engineering



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Day wise Schedule of Workshop

ay	Activity					
Day 1 17/12/2019	> Introduction to Micro-controller and Microprocessor, I/O operations of micro-controller					
Day 2 18/12/2019	> Types of microcontroller(MC) (8bit,16bit,32 bit) > Concept of Compiler, Assembler,HEX file, Opcode and Machine code					
Day 3 19/12/2019	> Introduction to Arduino Uno Board, Features and PIN description of board					
Day 4 20/12/2019	 Simple LED blinking programming Introduction to Arduino IDE, Basic programming concepts of Arduino IDE. 					
Day 5 21/12/2019	> LDR, Accelerometer Sensor Interfacing and Programming					
Day 6 23/12/2019	➤ Ultrasonic & MQ3 Sensor Interfacing and Programming					
Day 7 24/12/2019	 PIR Sensor Interfacing and Programming DHT11 Sensor Interfacing and Programming 					
Day 8 26/12/2019	 Seven segment & 16*2 LCD Interfacing and Programming Displaying of sensor data on LCD Importing of program libraries from internet 					
	 Bluetooth interfacing and its programming ESP8266 interfacing and data uploading on thingspeak 					

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1	Mini project and related discussion
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Day 10	
30/12/2019	
	Lucia de discussion
Day 11	Mini project and related discussion
31/12/2019	



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Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Electronics and Telecommunication <u>Event Report</u>

Workshop on Embedded System Design Using Arduino Uno

(17th December 2019)

Event Information

Event Type: Internship/SDP

Event title: Workshop on Embedded System Design Using Arduino Uno

Resource Person:

Prof. Vishal Gaikwad

Prof.Pratibha Joshi

3. Prof.Madhuri Kulkarni

Event date: From: 17th December 2019 To: 31st December 2019

Organized for: SE-EXTC Students

Organized by: Department of Electronics & Telecommunication

Target audience (branch & nos.): EXTC - 34

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback



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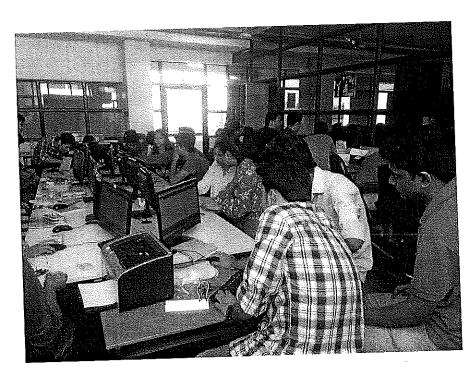
Event Description

Internship was conducted for the SE EXTC students on embedded system design using arduino.

First day started with the basics of the microcontroller and microprocessor and then hands-on sessions interfacing of sensors, display and actuators with microcontroller conducted followed by nine projects.

Total 34 students participated for this course and they have completed all the assigned projects successfully.

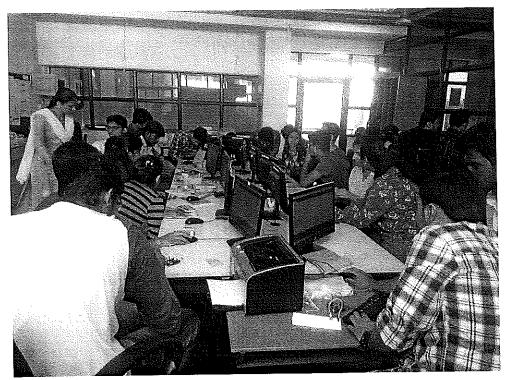
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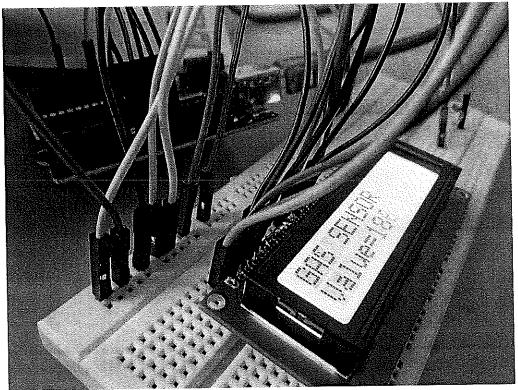




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Sector V, Horut, dawi Mumbai 400706

2. Attendance report (Scanned copy)

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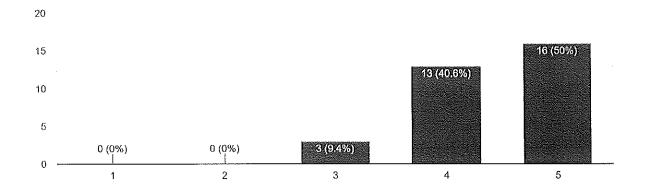




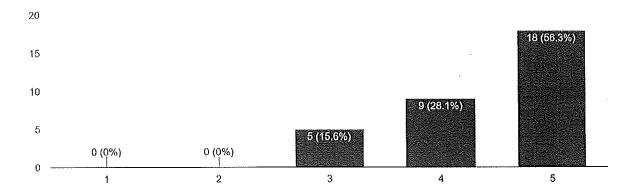
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Sector V, Nordi, Nevi Munipal 400705

3. Feedback Report and Impact Analysis

How satisfied were you with the SDP? 32 responses

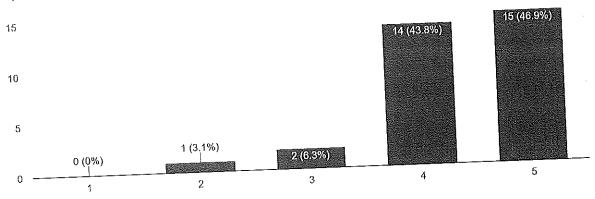


How relevant do you think it was for your academics 32 responses



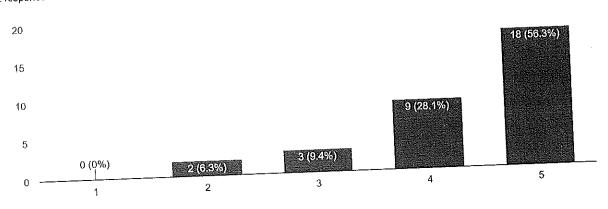
Effectiveness of the SDP

32 responses

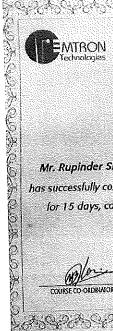


Content delivery by speakers

32 responses









This is to certify that

Mr. Rupinder Singh of Second Year Electronics and Telecommunication Engineering has successfully completed the Internship on Embedded System Design using Arduino Uno for 15 days, conducted by Dept. of Electronics and Telecommunication, SIES GST from 17th December to 31th December, 2019

COURSE CO-ORDINATOR

DR ATTA KHAKAR PRINTERE SHEGST

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400 706. Sri Chandrasekarandra Saraswathy Vidyapuram
Sector V, Norsel, Isavi Mumbai 400706

SDP

SIES Graduate School of Technology Department of Electronics and Telecommunication

Presents Internship on Embedded Systems - ARM <u>Mbed</u> Platform and Node MCU

6th-20th December 2019, 9.30 AM to 4.00 PM

There is difference between education and knowledge. Education provides learning. While knowledge translates that learning into a career that earns a living. But the truth is, our education system is largely structured around academic learning, leaving the task of turning it into a career to the individual. For the less-privileged, though, the only banier that stands between them and a technocratisk knowledge of practical aspects of technology.

This course is meant to be a hands-on type course, giving students a chance to hear and read about embedded system topics, and then put those concepts to work by developing and debugging embedded system hardware and firmware

Objectives

i) Learn about Embedded systems and ARM Mbed platform
 ii) Interfacing various devices like 7 segment display, LCD display.
 iii) Interfacing various sensors like accelerometer, LDR, temperature sensor etc.
 iv) Learn basics of Node MCU and its interfacing with sensors and IOT application designing.

Course Contents

Module 1: Introduction to microprocessor and microcontroller, lattroduction to Embedded systems, Introduction to ARM Mbed platform.

Module 2: Simple programs like LED blinking, use of BusQut and RymQut function.

Module 3: Basics of 7 segment display and LCD and their interfacing with freedom board.

Module 4.3 Basics of accelerometer, LDR, potentiometer and its interfacing with freedom board.

Module 5: Basics of Node MCU, its interfacing with various Sensor, Designing of IOT applications based on NodeMCU.

Faculties

Prof. Pushkat Satha Prof. Vaishali Mangrulkat

Day wise Schedule of Workshop

Day	Activity					
Day 1	Introduction to microcontroller and microprocessor					
6/12/2019	Introduction to embedded system Programs of LED blink and Interfacing of sensors like LDR,					
	potentiometer					
Day 2	Introduction to touch sensor and Programming of touch sensor					
7/12/2019	Interfacing of seven segment display with freedom board.					
	Interfacing of LCD with freedom board					
	Basics and program of accelerometer.					
Day 3	Basics of Node MCU and types of different sensors					
9/12/2019	Interfacing of sensor with Node MCU					
	Control of device via we page					
Day 4	Basics of networking and basics of Thingspeak					
10/12/2019	Uploading LDR sensor data on thingspeak cloud					
	Uploading of DHT sensors data on cloud					
Day 5	Introduction to Blynk app. And installation of Blynk app					
11/12/2019	Reception of notification on phone using blynk app.					
	Applications using NodeMcU					
Day 6 To Day	Mini projects:					
15	1.Implementation of soil moisture monitoring					
12/12/2019 To	2.Implementation of weather station monitoring					
20/12/2019	3.Distance measurement using freedom board					
	4.Air mouse using freedom board					
	5.mplementation of liquid level monitoring					
	6.Home automation using IoT					
	7.Two digit adder subtractor using freedom board					



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Department of Electronics and Telecommunication <u>Event Report</u>

Internship on Embedded systems(Freedom board and Node MCU (6/12/2019 to 20/12/2019)

Event Information

Event Type: SDP

Event title: Embedded system - ARM Mbed and Node MCU workshop

Resource Person: Pushkar SatheVaishali Mangrulkar

Event date: From: 6/12/2019 **To:** 20/12/2019

Organized for: Student

Organized by: EXTC Department

Target audience (branch & nos.): EXTC - 22 students

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback



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S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY Sri Chandrasekarendra Saraswathy Vidyaburam Sector V, Nerul, Navi Mumb. 1786

Event Description

Day_1 (6th Dec 2019):

- > Introduction to microprocessor and microcontroller
- Basics of Embeddes system, SoC (System on Chip)
- programs like LED blinking, breathing LED
- Interfacing of sensors like LDR, potentiometer

Day 2 (7th Dec 2019):

- Basics of touch sensor
- Programming of touch sensor
- seven segment display
- Interfacing of seven segment display with freedom board.
- basics of LCD
- Interfacing of LCD with freedom board
- Basics and program of accelerometer

Day 3 (9st Dec 2019):

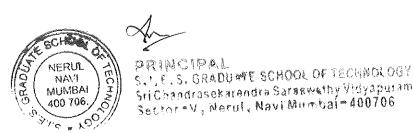
- Basics of Node MCU
- Types of sensors
- Interfacing of sensor with Node MCU
- Control of device via we page

Day_4 (10th Dec 2019):

- > Basics of networking
- Basics of Thingspeak
- uploading LDR sensor data on thingspeak cloud
- Uploading of DHT sensors data on cloud

Day 5 (11th Dec 2019):

- Introduction to Blynk app.
- Installation of Blynk app
- Reception of notification on phone using blynk app.



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Applications using NodeMcU

Day_6 to 15 (12th Dec 2019 to 20th Dec 2019):

Following Mini projects are given:

- 1.Implementation of soil moisture monitoring
- 2.Implementation of weather station monitoring
- 3. Distance measurement using freedom board
- 4.Air mouse using freedom board
- 5.mplementation of liquid level monitoring
- 6. Home automation using IoT
- 7.Two digit adder subtractor using freedom board

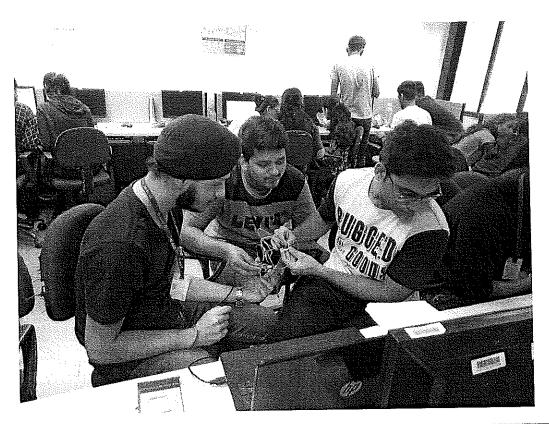


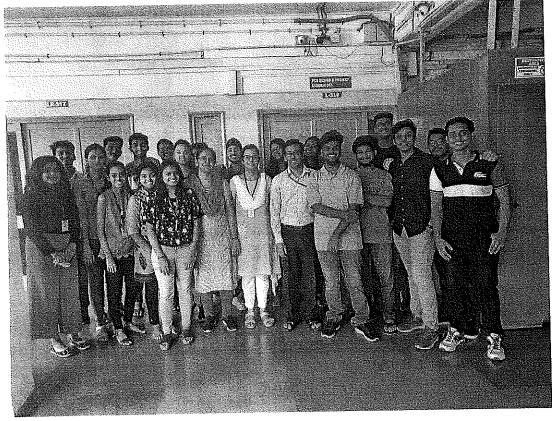
1. Photographs (in JPEG/PNG)





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2. Attendance report (Scanned copy)

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			Department of Electronic	s and Telecom	munication			
		Internshi	p on Embedded system	(Freedom br	oard and No	de MCU)		
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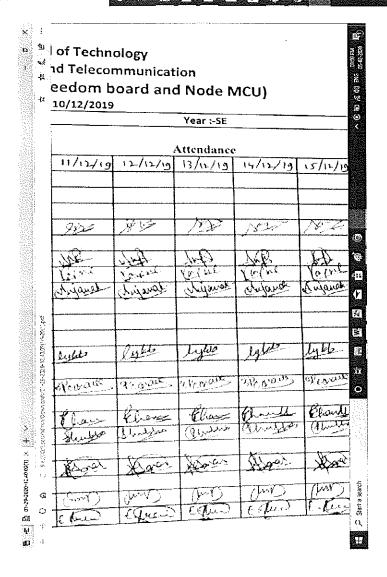


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25		118A2023	Mr. Ratnaharsh Gannerwaram					
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25		118A2023	Mr. Ratnaharsh Gannerwaram					
26		118A2024	Mr Mushahid Gaonkhadkar					
27		118A2025	Mr. Siddhesh Ghagare	145	Je.	2-	3e	Oe.
28		118A2026	Mr. Nishant Gharat	Marial	Danal	Darch	125 W	Bowlest
29		118A2027	Mr Yash Ghildiyal					-
30		118A2028	Mr. Sufiyan Golandaz	184	Kt.	A.	Air:	10/2/.
31		118A2029	Mr. Dheeraj Gooty	<u> </u>	Pi	·VT	$ \mathcal{R}_{\mathcal{L}_{\mathbf{L}}} $	Py
32	·	118A2030	Ms Bhumika Gopale	W. The	Ky ny Li	k. The	1 C. 1	Shinks
33		118A2031	Ms Akanksha Gourh	Marke	Marje	Vonger	Markey	BILL
34		118A2032	Ms Gourt H					
35		118A2033	Ms Sangita Gowda	<u> </u>				
36	A2	118A2034	Ms Tanvi Gujar	L.,.	1	المالية المالية	1 V: [[1 diels

119A2039 Mr. Jun Jathar

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	İ	l			Attendance		
Batch	Roll No.	Name	16/11/19	17/11/19	18/11/19	19/12/19	20/11/10
.No.	117A2068	Naidu Kaushalya Balakrishnan					
1 2	117A2102	Suresh Rajendran					
2 3	118A2001	Mr Aathityaa swaminathan					
2	118A2002	Mr. Sajal Agrawal					-
5	118A2003	Mr. Dhiraj Amin	1 ra	r Gib ==	7.203	VD-	100
6	118A2004	Ms Anaida Babu		147.e-	* }} ==	Vijute	Wille
7	118A2005	Mr. kaustubh Angne	104	Guyese	Junal	lawfular	Mergingh
8	118A2006	Ms Anjana Ashokkumar	dijed	Umyses.	19 3	<u> </u>	
9	118A2007	Ms Shamika Aslekar	-				A SECTION
10	118A2008	Ms Ayshwarya Mohan					
11	118A2009	Ma Shambavi Balvalli	Little	LUMB -	LINE	Japan	1000-
12	118A2010	Mr. Yash Bheke	-				(B) (C) (B)
13	118A2011	Mr. Tanuj Bhoir	Negous	Webours	Werens	3/6/2	(Hopen
14	118A2012	Ms Poonam Bonde	 			20-11	- III
15	118A2013	Ms Mrudula Borhade Ms Poorva Chaudhary	THE TIME	(Lucial)	مصالب انه	Merch 1	() AME



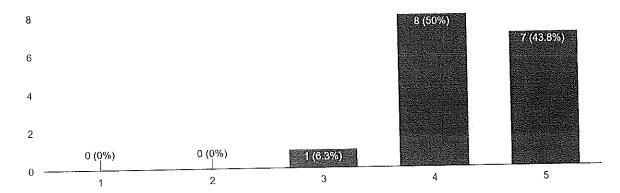
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24	ŀ	118A2022	Mr. Gaganpreet Singh Padda	All CAR	the ortice	1150 adole	asterda	एक नर
25	Ì	118A2023	Mr. Ratnaharsh Gannerwaram					
26	Ţ	118A2024	Mr Mushahid Gaonkhadkar				<i>J</i>	
27	1	118A2025	Mr. Siddhesh Ghagare	ac-	gy_	GU .	00	4
28		118A2026	Mr. Nishant Gharat	Rarat	M. arich	6 Loral	phonit	Divo
29		118A2027	Mr Yash Ghildiyal				40.4	
30		118A2028	Mr. Sufiyan Golandaz	01-	The same	Str	-	100
31		118A2029	Mr. Dheeraj Gooty	Dis.	<u> Di</u>	<u>28</u> 2		1 XX
32		118A2030		طليبه	Survey	my.	Burns	Monton
33		118A2031	Ms Akanksha Gouth	Male	Markey	Doncon	Hanty	Take 4
34		118A2032	Ms Gouri H	´				
2000		118A2033	Ms Sangita Gowda		4336		50000-000	
35 36	A2	118A2034	Ms Tanvi Gujar	ا	1 ₁	1	-خلوارا	Viet V
1 20	<i>V3</i>	118A2639	Pros Musery Today	<u> </u>	<u>Jiely</u>	لللالا	V AD CEN	

3. FeedbackReport (Cource exit)

CO1-Learn about Embedded system and ARM Mbed platform 16 responses



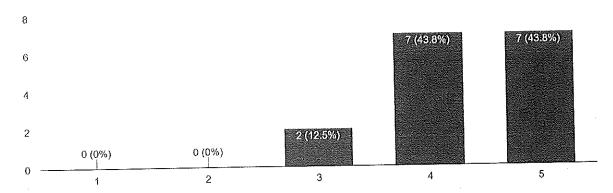


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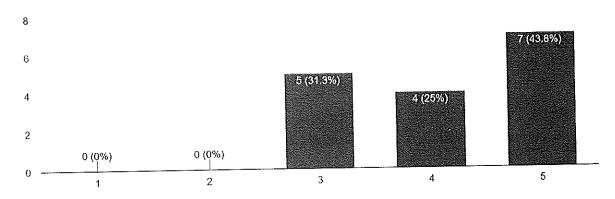
CO2-Interfacing various devices like 7 segment display,LCD display.



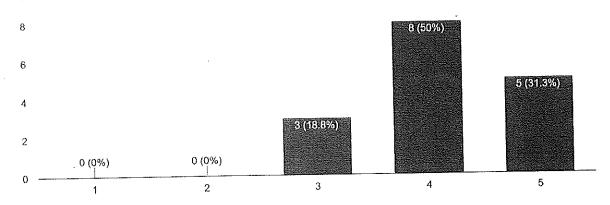


CO3-Interfacing various sensors like accelerator, LDR, temperature sensor.

16 responses



CO4-Learn basics of Node MCU and its interfacing with sensors and IoT application designing. 16 responses





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Impact Analysis: Students did mini projects using freedom board and Node MCU.

Certificate:





CERTIFICATE

OF APPRECIATION

CR No. EXTC

This is to certify that

Mr. Sufiyan Golandaz of Second Year Electronics and Telecommunication Engineering
has successfully completed the Internship on Embedded Systems - ARM MBed and NodeMCU
for 15 days, conducted by Dept. of Electronics and Telecommunication, SIES GST
from 6th December to 20th December, 2019

COURSE CO-ORDINATOR

DR PREETI HEMNANI HOD, EXIC DEPI DR ATUL KEMKAR PRINCIPAL, SIESGST

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SIES Graduate School of Technology

Department of Electronics and Telecommunication Hands on Training on FPGA Design using VHDL

10 - 27 December 2019, 10 AM to 4.00 PM

Who will be benefited?

- 1. Students who want to develop project in the domain of VLSI
- 2. Students who want to enroll for higher studies in VLSI
- 3. Students who want to join VLSI industry as Analog or digital enginner.

Prerequisite

Background of Digital and analog electronics Basics of filp flop, counter.

- To bridge the gap between industry requirements and academic by providing project based internship using Objectives:
- To aware students with VHDL design

Outcomes:

By the end of the course, the learner can:

- 1. Implement combinational circuits using VHDL
- 2. Implement sequential circuits using VHDL
- 3. Design of Finite State Machine & its implementation on FPGA using VHDL.

Contact for Registration:

Prof. Pranavi Mhatre Pranavi.mhatre@siesgst.ac.in 9870201503

Note:

- 1. Workshop is free of cost for SIES GST students
- 2. Workshop is for all branches of engineering



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Day wise Schedule of Workshop

)ay	Activity					
ıy 1	> Introduction to FPGA					
/12/2019	> Basics of FPGA					
	> Basics of VHDL					
	> Programs on basic VHDL					
	> Program for different modelling style.					
	Interfacing with FPGA board and execution of programs					
ay 2	> Basics of combinational circuits					
1/12/2019	> Introduction to when else and with select loop					
	> Programs based on loop					
	> Programs for MUX, DEMUX, SSD					
	> Interfacing with FPGA board and execution of programs.					
Day 3	> Basics of process					
2/12/2019	> Basics of Sequential circuits					
	> Introduction to if else and case select loop					
	> Basics of synchronous /asynchronous reset.					
	> Programs based on loop, synchronous /asynchronous reset					
	> Interfacing with FPGA board and execution of programs					
Day 4	> Basics of counter					
13/12/2019	> Programs on MOD counter, UP-Down Counter.					
	> Interfacing with FPGA board and execution of programs					
	> Introduction to FSM					
Day 5 16/12/2019	> PROGRAM ON FSM					
	Interfacing with FPGA board and execution of programs					
	> Mini project discussion					
	Discussion and Project Assignment					



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SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Electronic and Telecommunication Engineering

Event Report

Event Information

Event Type: Workshop followed by internship

Event Title: FPGA design using VHDL

Resource Person: Prof. Dr. Preeti Hemnani, Prof.Ms. Pranavi Mhatre

Event Date: 10-27 December 2019

Organized for: Students

Organized by: EXTC Department

Target Audience (Branch & Nos.): Undergraduate Students

Attachments: 1. Photographs (JPEG/PNG)

2. Attendance Report

3. Feedback Report



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Event Description

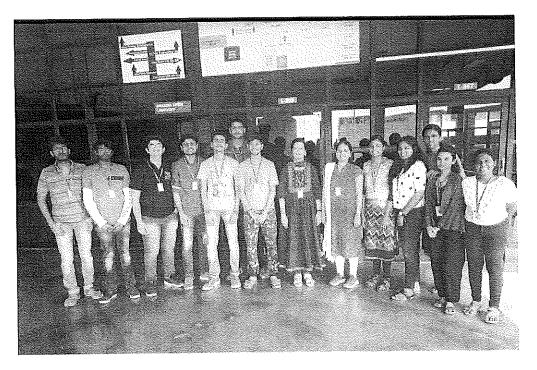
EXTC department faculties have conducted 15 days student development program followed by internship, "FPGA Design using VHDL". Program was conducted by Prof. Pranavi Mhatre and Prof. Dr. Preeti Hemnani.

Objective of the workshop was to bridge the gap between industry requirements and academic.

15 students attended the course and successfully developed and submitted project individually. Students completed their projects during online internship by SIESGST.

Certificates were given to students on successful completion and presentation of developed applications. Feedback was collected and overall feedback shows students were satisfied with content.

1. Photographs (in JPEG/PNG)





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Sector V, Nerul, Navi Mumbai 400706



2. Attendance report (Scanned copy)

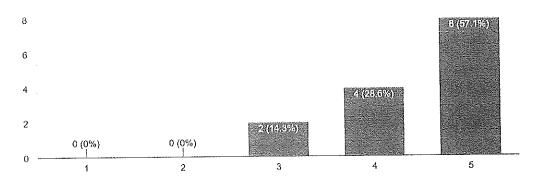
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3. FeedbackReport(Scanned copy)



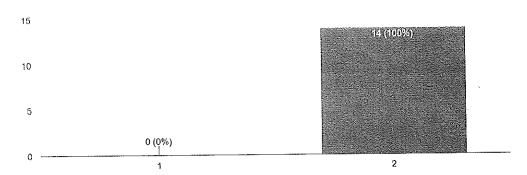
1. General impression about the content of the course?

14 responses



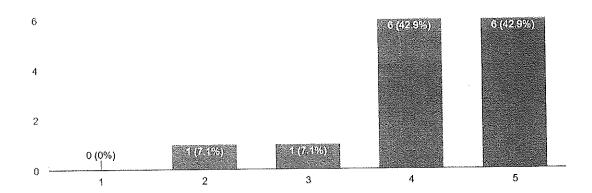
2. How well did the content address your expectations?

14 responses



3. How do you rate the quality of content presented?

14 responses



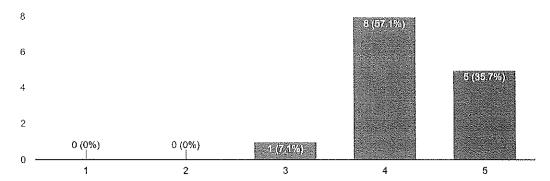


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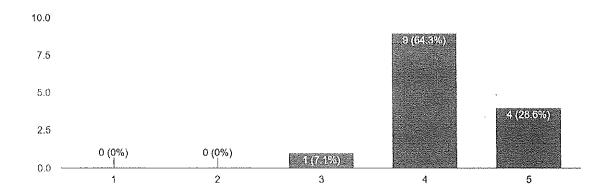
4. How relevant was the content?

14 responses



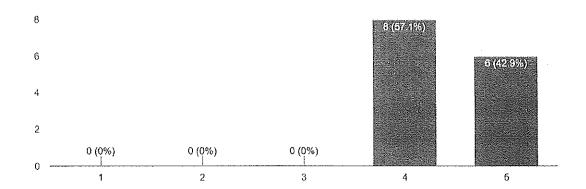
5. How do you rate the amount of content presented?

14 responses



6. How do you rate hands on experience of the lab sessions?

14 responses



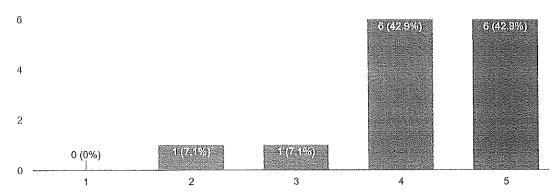




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7. How much would you recommend this kind of workshop to your friends?

14 responses



Impact Analysis: students did small projects using FPGA.



This is to certify that

Mr. Tanuj Bhoir of Second Year Electronics and Telecommunication Engineering
has successfully completed the Internship on FPGA Design using VHDL
for 15 days, conducted by Dept. of Electronics and Telecommunication, SIES GST
from 10th December to 27th December, 2019

COURSE CO-ORDINATOR

DR. PREETI HEMNANI HOD, EXTC DEPT. DR ATUL KEMKAR PRINCIPAL SIESGST かっているというかっている





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Sector V. Merol, Navi Mumbai 400706





SIES Graduate School of Technology

Department of Electronics and Telecommunication

Presents

Training on

Introduction to Arduino, IoT and Interfacing using Simulator software

Duration 15 June 2020 To 26 June 2020

Skill Development Cell under the Department of Electronics and telecommunication, SIESGST organizing workshop to provide training by simulation combining theoretical and practical knowledge using simulator on Arduino board and IoT. This will provide simulation of Arduino board with different sensors, actuators and displays devices to fulfil the gap between academic and industry. Candidates will have the opportunity to gain practical knowledge using simulation. This course will help the candidates to improve the technical skills and give them a better understanding of an Arduino board and Internet of Things.

Objectives

i) To gain knowledge of an Arduino board..

ii)To know the importance of different peripheral devices and their interfacing to microcontrollers

iii) To know the sensor interfacing and its programming.

iv) To know the working of different sensors and their interfacing with Arduino board.

v)To understand the basic concept of IoT and its implementation

Course Contents

microprocessor Introduction to 1: Module microcontroller interfacing, introduction microcontroller. to Arduino uno,IDE

Module 2: Configuration of GPIO pins of Arduino as an different interfacing for output input devices.Introduction to simulator and interfacing of sensor with Arduino board

Module 3: Introduction to potentiometer ,LDR t sensors and its interfacing with Arduino. Implementation of program using simulator

Module 4: Introduction to ultrasonic sensor and PIR sensor and its interfacing with Arduino board. Implementation of program using simulator

Module 5:Introduction to IoT, and Designing of IOT applications using simulator.

Who Should Attend

Any student from FE,SE(EXTC/IT/CE/MECH/PPT)

Registration Fees

Course Fees: Free

Contact for Registration

Register here -https://docs.google.com/forms/d/19LxIyCcBYHBbtP3yn8PRosMEgshpLXX-anfWqc4rj-0 Prof. Vaishali Mangrulkar, Prof.Vishal Gaikwad, Prof.Pratibha Joshi

Mobile: 9930116119

Mail Id::vaishali.mangrulkar@siesgst.ac.in





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Day wise schedule of workshop

Day wise schedule of workshop Day Activity							
Day 1	Introduction to Arduino Uno, Introduction to IDE						
15/6/2020	minoduction to rindemic data, minoduction						
13/0/2020	Introduction to Tinkercad simulator and its demonstration						
	introduction to interest state and assessment state						
Day 2	GPIO Pins of Arduino, Configuration of GPIO pins of Arduino as an input						
16/6/2020	or output for interfacing of different devices, Configure GPIO to blink						
10/0/2020	LED						
	Simulation of program of LED Blink						
	Screen reader support enabled.						
	* *						
Day 3	Introduction to Arduino programming and basic commands						
17/6/2020							
	Prugram for traffic llight and its simulation						
Day 4	Ultrasonic sensor and PIR sensor						
18/6/2020							
	Interfacing of ultrasonic sensor and simulation of program using ultrasonic						
	sensor						
Day 5	Piezo sensor and Temperature sensor						
19/6/2020							
	Interfacing of Temperature sensor and simulation of program using						
	temperature sensor						
Day 6	Ambient light sensor, IR sensor						
22/6/2020							
	Interfacing of IR sensor and simulation of program using IR sensor						
Day 7	Input and output components of Tinkercad						
23/6/2020							
	Program to build application using sensors, input and output components						
	Y . 1						
Day 8	Introduction to packet tracer						
24/6/2020	The second section of the second section of the sec						
	Implementation of small projects like basic switch set up.connection						
	between different devices etc						
D 0	Theory and Topology of wired and wireless Router using packet tracer						
Day 9	THEOLY and Topology of whed and whereas Router using packet tracer						
25/6/2020	Implementation of smart home using Cisco packet Tracer						
	implementation of situat home using close packet Travel						
Day 10	Project: on simulation of fire sprinkler using smoke detection						
26/6/2020	1 10,000, on simulation of the optimizer some some services						
20/0/2020	project: on simulation of Automate a web camera using motion sensor						
	using wired and wireless connection						
	using when and whereas componen						





SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Electronics and Telecommunication Engineering <u>Event Report</u>

Internship on Introduction to Arduino,IoT and Interfacing using Simulator software

(15th - 26th of June 2020)

Event Information

Event Type:Internship Program .

Event title:Internship onIntroduction to Arduino, IoT and Interfacing using Simulator software

Resource Person: Prof. Vaishali Mangrulkar, Prof. Pratibha Joshi,

Prof. Vishal Gaikwad

Event date: 15th - 26th of June 2020

Organized for:Student

Organized by Department of Electronics and Telecommunication

Target audience (branch & nos.): FE and SE(All Branches) 35 Students

Attachments: 1. Photographs (in JPEG/PNG)

- 2. Attendance report
- 3. Feedback
- 4. Certificate



1

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Sector=V. Nerul, Navi Mumbai=400706

Event Description

Day_1 (15 th June 2020):

- > Introduction to Arduino Uno, Introduction to IDE
- > Introduction to Tinkercad Simulator and its demonstration.

Day_2 (16 th June 2020):

- > GPIO Pins of Arduino, Configuration of GPIO pins of Arduino as an input or output for interfacing of different devices, Configure GPIO to blink LED.
- > Simulation of program of LED Blink.

Day_3 (17 th June 2020):

- > Introduction to Arduino programming and basic commands
- > Prugram for traffic llight and its simulation.

Day_4 (18 th June 2020):

- > Ultrasonic sensor and PIR sensor and its interfacing
- > Interfacing of ultrasonic sensor and simulation of program using ultrasonic sensor.

Day 5 (19 th June 2020):

- Piezo sensor and Tempreture sensor
- > Interfacing of Tempreture sensor and simulation of program using tempreture sensor

Day_6 (22 nd June 2020):

- ➤ Ambient light sensor,IR sensor
- > Interfacing of IR sensor and simulation of program using IR sensor

Day 7 (23 rd June 2020):

- > Input and output components of Tinkercad
- > Program to build application using sensors, input and output components
- ➤ Interfacing of ESP8266.
- > Program to build IoT application using Arduino board.

Day 8 (24 th June 2020):

> introduction to packet tracer



- Implementation of small projects like basic switch set up.connection between different devices etc Day_9 (25 th June 2020):
 - > Theroy and Topology of wired and wireless Router using packet tracer
 - > Implementation of smart home using Cisco packet Tracer

Day_10 (26 th June 2020):

- > Simulation of fire sprinkler using smoke detection
- > Simulation of IoT application using packet tracer.

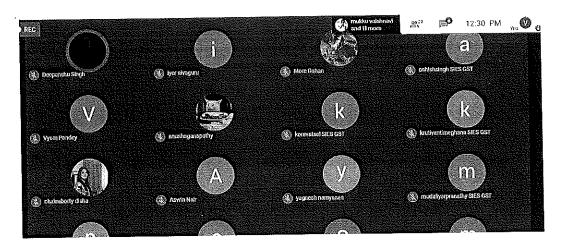
1. Photographs (in JPEG/PNG)

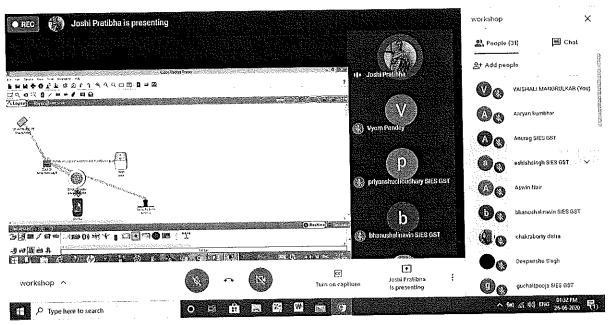




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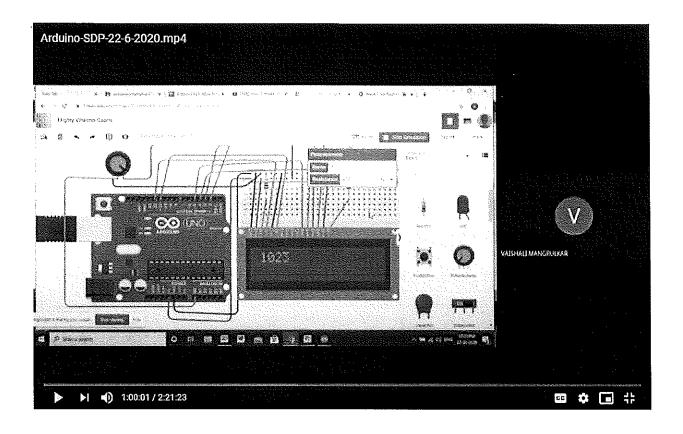
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2. Attendance report

				At	tendanc	e sheet								
Sr.No	Roll No.	Name	Branch	Year	15- 06- 2020	16- 06- 2020	17- 06- 2020	18- 06- 2020	19- 06- 2020	22- 06- 2020	23- 06- 2020	24- 06- 2020	25- 06- 2020	26- 06- 2020
1	13	Deep Bhanushali	EXTC	FE	P	Р	Р	Р	Р	Р	Р	Р	P	Р
2	35	Kunal Vikas patkar	EXTC	FE	P	Р	Р	Р	Р	Р	Р	р	р	р
3	39	Manas mendon	Extc	FE	Α	Р	Р	Р	Р	Р	Р	р	р	р
4	14	Deepanshu Singh	EXTC	FE	Р	Р	Р	Р	P	. Р	Р	р	Р	Р
5	47	Drishya Nair	EXTC	FE	Р	Р	Α	А	Α .	Α	Α	А	A	А
6	2009	Ashish Singh	EXTC	FE	Α	Р	Р	Р	P	Р	P	Р	Р	Р
7	1192002	aaryan kumbhar	EXTC	FE	Р	Р	Р	P	Р	Р	Р	р	Р	Р
8	23	Pooja Guchait	Extc	FE	P	Р	P	Р	Р	Р	р	P	P	Р
9	58	Priyanshu Choudhary	EXTC	FE	Р	P	Р	Р	р	Р	Р	P	P	Р
10	29	Kavya Chandrasekaran	EXTC	FE	Р	Р	Р	Р	Р	P	P	Р	P	Р
11	2043	PRANATHY MUDALIYAR	EXTC	FE	Р	Р	P	P	Р	Р	Α	А	А	А
12	. 46	Aswin Nair	EXTC	FE	Р	Р	Р	Р	р	Р	Р	Р	Р	P
13	68	Sakshi Gawali	EXTC	FE	P	P	Р	Α	А	P	P	P	P	р





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14	31	Kirtikumar	EXTC	FΕ	Р	Р	А	Р	Р	Α	А	Р	р	р
15	7	Anusha Ganapathy	EXTC	FE	Р	Р	Р	Р	P	p	Р	Α	Α	Α
16	2095	Vishal Umesh Naregal	EXTC	FΕ	Р	Α	Α	Α	А	Α	Α	Α	Α	Α
17	52	Vyom Pandey	EXTC	FE	P	P	Р	Р	р	Р	P	р	р	р
18	33	Krutiventi Meghana	EXTC A	FE	Р	Р	Р	Р	Р	P	Р	р	р	р
19	40	Marla Vignesh Prathish	EXTC	FE	Р	Р	Р	Р	Р	Р	Р	р	р	р
20	48	Anurag Nala	EXTC - A	FE	Р	Р	Р	þ	Р	Р	Р	р	р	р
21	92	Vatsal kore	EXTC	FE	Р	Р	Р	Р	Α	Р	A	P	P	P
22	28	Saumya kamath	IT	FE	Р	Α	Α	Α	Α	Α	P	Α	Α	Α
23	24	Jai Janani Radhakrishnan	IT	FE	Α	А	Α	Α	А	Α	А	Α	Α	A
24	41	Yash Sanjay Shinde	MECH	FE	Р	Р	Р	Р	Р	р	Р	A	Α	A
25	1196056	Sarvesh Vichare	MECH	FE	Р	Р	Р	Р	Α	Р	P	р	р	р
26	1182067	Mukku Vaishnavi	EXTC	SE	Р	P	P	Р	Р	Р	Α	р	р	р
27	93	Satish Kumar sivaraman	EXTC	SE	P	P	P	Р	Р	Р	P	р	р	р
28	65	Rohan More	EXTC	SE	Р	Р	Р	р	Р	Р	P	P	Р	P
29	1182035	Prateek Hanchinal	EXTC	SE	Р	А	Α	Α	Α	Α	Α	Α	A	A
30	85	Niranjan Raje	EXTC	SE	P	Р	Р	Р	P	Р	Р	р	р	р
31	2192137	Shradha shirke	Extc	SE	Р	P	Р	Р	Р	Р	P	р	р	р
32	92	Saronlily thangaraj	EXTC	SE	Р	Р	P	Р	Р	Р	Р	р	р	р
33	66	Simran Mukadam	EXTC-B	SE	P	Α	Α	Α	Р	Р	Р	р	р	р
34	52	Nadar Vijay	CE	SE	Р	Р	Р	Р	Α	Р	P	Α	р	р
35	95	Yagnesh Narayanan	CE	SE	Р	Р	P	Р	Р	P	P	Р	р	р
36	27	Pratik Mahajan	MECH	SE	Р	А	Α	Α	Α	Α	Α	Α	Α	Α
37	14	Sivaguru Iyer	MECH	SE	p	Р	Р	Р	Р	Р	P	p	р	р
38	6052	Nachiket A. Shembekar	MECH	SE	Р	Р	Р	Р	Р	Р	Р	р	р	р
39	1186039	Yash Patil	MECH	SE	Р	P	Р	Α	Р	Α	v	р	Α	А
40	4004	Disha Chakraborty	PPT	SE	Р	Α	Α	Α	Р	Р	Р	р	р	р

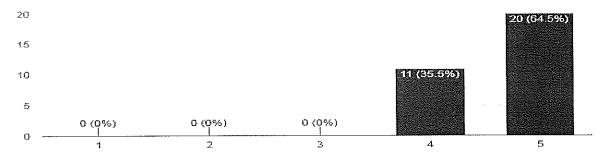
3. Feedback (Analysis)

Feedback _internship of Two Weeks on "Introduction to Arduino, IoT and Interfacing using Simulator software "

31 responses

How satisfied were you with the SDP?

31 responses

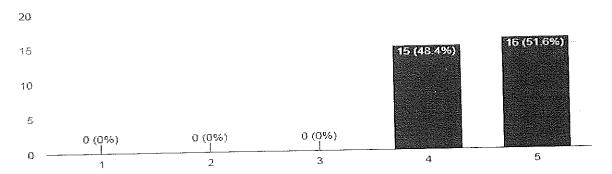




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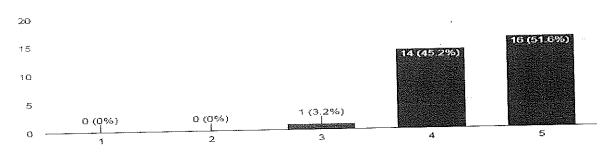
How relevant do you think it was for your future?

31 responses



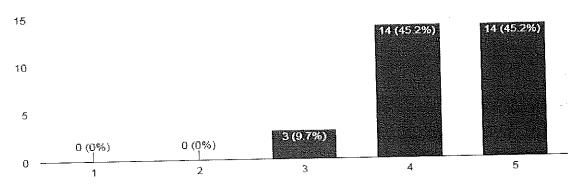
Effectiveness of the SDP

31 responses



Content delivery by speakers

31 responses



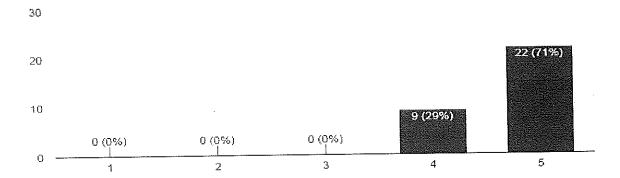


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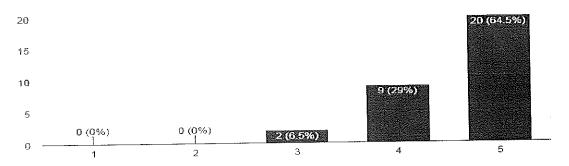
Are you gained the knowledge of an Arduino board.





Are you able to explain importance of different peripheral devices and their interfacing to micro controller.

31 responses



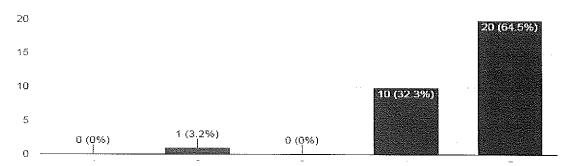


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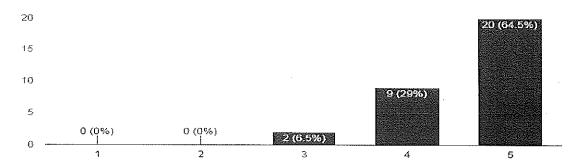
Are you able to explain working of different sensors and their interfacing with Arduino board

31 responses



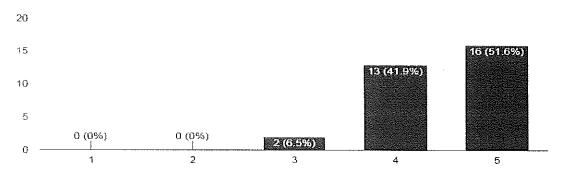
Are you able to interface sensor and do programming

31 responses



Are you able to explain the basic concept of IoT and its implementation

31 responses



Impact Analysis:

Students did mini projects using various sensors available in Tinkercad simulator and simulated and presented successfully.



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S.I.Chandrasekarendra Saraswathy Vidyapy am
Sector V, Nerui, Navi Mumbai 4007

Responses:

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8:57:50 PM						mukku.vaishnavi18@siesgst.	7738218
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7:09:57 PM		8.1E+				simran.manoj18@siesgst.ac.i	8104338
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10:48:32 AM	Barranday Singh	14	A	EXTC	FE	c.in	152
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10:51:35 AM	Sadish Nadar	65	ì	EXTC	SE	sadish.nadar17@siesgst.ac.in	012
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4. Certificate





CERTIFICATE

OF APPRECIATION

This is to certify that

Mr. Sarvesh Vichare of S.E. Mechanical Engineering
has successfully completed 2 weeks SDP/Internship on
Introduction to Arduino, IoT and Interfacing using Simulator Software
conducted by Dept. of Electronics and Telecommunication, SIES GST

from 15th June to 26th June, 2020

Vaishali

PROF. VAISHALI MANGRULKAR COURSE CO-ORDINATOR DR. PREETI HEMNANI HOD, EXTC DEPT. A.N. Kemfus.

DR. ATUL KEMKAR PRINCIPAL, SIESGST



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SIES Graduate School of Technology

Department of Electronics and Telecommunication

Presents

12 days Hands on Training on

Machine learning and image processing using python

15/ 06/ 2020 to 27/06/2020

There is difference between education and knowledge. Education provides learning. While knowledge translates that learning into a career that earns a living. But the truth is, our education system is largely structured around academic learning, leaving the task of turning it into a career to the individual. For the less-privileged though, the only barrier that stands between them and a technocrat is knowledge of practical aspects of technology. This course is meant to be a hands-on type course, giving students a chance to learn python and its applications in image processing and Machine learning which is considered to be a current trend of technology.

Objectives

- i) Learn about Python language basics
- ii) Learns basics of image processing
- iii) Implement basic image processing using python
 - iv) Learn concepts of machine learning
- v) Apply knowledge of python in machine learning

Course Contents

Module 1: Basics of python

Overview of python, python data types, builds in data structure, Lists, tuples, dictionaries, string built in methods.

Module 2: Applications in image processing

Histogram of image, splitting color image into Equalization,

RGB, histogram

using simple operators. edge detection

Module 3: Applications in Machine learning

Introduction to machine learning, data manipulation and pre-processing, data visualization, linear and logistic regression, support vector machines, decision tree, classification using KNN

Who Should Attend

Any student from SE to BE (EXTC/IT/CE) - First come first serve

Link for Registration

 $\underline{https://docs.google.com/forms/d/e/1FAIpQLSdxXzeigY01YIZaw0kwexthk1Lcc2kZFzw_5HCkcm5zvDp3fA/viewform?usp=sf_link} \\ \underline{https://docs.google.com/forms/d/e/1FAIpQLSdxXzeigY01YIZaw0kwexthk1Lcc2kZFzw_5HCkcm5zvDp3fA/viewform?usp=sf_link} \\ \underline{https://docs.google.com/forms/d/e/1FAIpQLSdxXzeigY01YIZaw0kwexthk1Lcc2kZFzw_5HCkcm5zvDp3fA/viewform.usp=sf_link} \\ \underline{https://docs.google.com/forms/d/e/1FAIpQLSdxxxeigY01YIZaw0kwexthk1Lcc2kZFzw_5HCkcm5zvDp3fA/viewform.usp=sf_link} \\ \underline{https://docs.google.com/forms/d/e/1FAIpQLSdxxxeigY01YIZaw0kwexthk1Lcc2kZFzw_5HCkcm5zvDp3fA/viewform.usp=sf_link} \\ \underline{https://docs.google.com/forms/d/e/1FAIpQLSdxxxeigY01YIZaw0kwexthk1Lcc2kZFzw_5HCkcm5zw01YIZaw0kwexthk1Lcc2kZfzw01YIZaw0kwexthk1Lcc2kZfzw01YIZaw0kwexthk1Lcc2kZfzw01YIZaw0kwexthk1Lcc2kZfzw01YIZaw0kwexthk1Lcc2kZfzw01YIZaw0kwexthk1Lcc2kZfzw01YIZaw0kwexthk1Lcc2kZfzw01YIZaw0kwexthk1Lcc2kZfzw01$





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SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Electronics and Telecommunication <u>Event Report</u>

Internship on Machine Learning & Image Processing using Python (15/6/2020 to 27/6/2020)

Event Information

Event Type: SDP

Event title: Embedded system - Machine Learning & Image Processing using Python

Resource Person: Pushkar Sathe, Shyamala Mathi, Swati Rane, Kintu Patel

Event date: From: 15/6/2020 **To:** 27/6/2020

Organized for: Student

Organized by: EXTC Department

Target audience (branch & nos.): EXTC,ME,CE,IT,FE-41 students

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback

4. Certificate



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Event Description

Day 1 (15th June 2020):

- > Introduction to Python, datatypes, Numpy
- > Hands on the datatypes and Numpy

Day 2 (16th June 2020):

- > Python for Data Science
- > Pandas: Introduction to Pandas, Series,
- > Data frames Missing Data, Group by, merging, operations and Data i/p and o/p
- > Hands on the above topics and Pandas Exercises

Day 3 (17th June 2020):

- > Python for Data Visualization using Matplotlib and seaborn
- > Hands on Data Visualization using Matplotlib and Seaborn. Exercises on the topics

Day 4 (18th June 2020):

- > Introduction to digital image processing, image enhancement techniques
- > Hands on image enhancement techniques using opency

Day 5 (19th June 2020):

- > Image segmentation, morphological processing
- > Implementation of image segmentation and morphological processing techniques

Day_6 (20th June 2020):

- > Image filtering, Image transform
- > Implementation of filtering and transformation

Day 7 (21th June 2020):

- > Basics of machine learning, simple linear regression
- > Practical implementation and exercise problem of simple linear regression



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Day_8 (22nd June 2020):

- > Multiple Linear Regression and Logistic Regression
- > Practical Implementation and exercise problem

Day_9(23rd June 2020):

- > Decision tree algorithm, support vector machine
- Practical Implementation and exercise problem

Day 10 (24th June 2020):

- > Basic concepts of Naive Bayes
- Practical Implementation and exercise problem

Day_11(25th June 2020):

- > K-means and KNN algorithms
- > Practical implementation of the above mentioned topics and exercise problem

Day_12 (26th June 2020):

- > Basics of neural network, types of neural network
- > Practical implementation of image classifier model using neural network

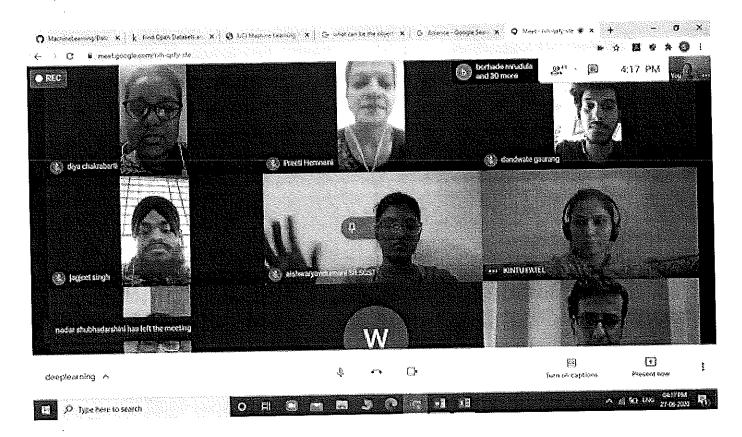


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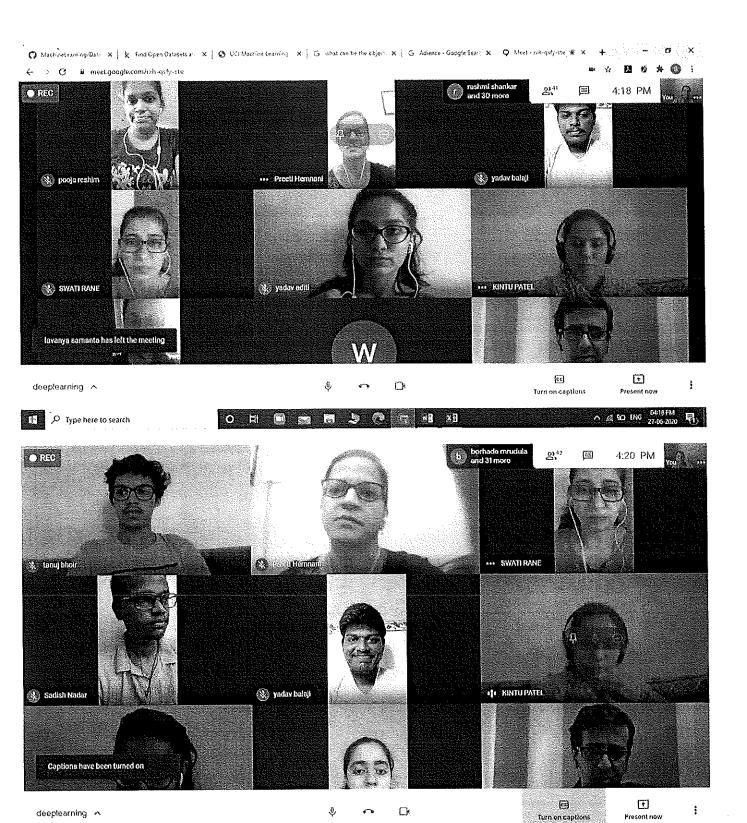
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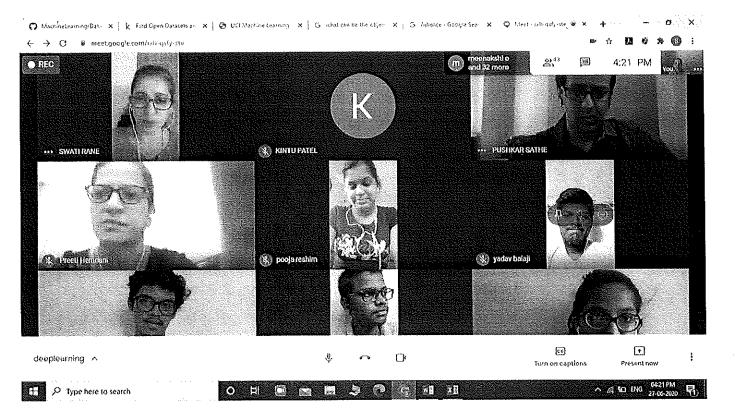


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S.I.E.S. GRADUME SCHOOL OF TECHNOLOGY Sri Chandrasekarendra Sareswethy Vidyapuram 3 dctor - V., Nerul, Navi Mumbai - 400706

2. Attendance report (Scanned copy)

Image Processing and Machine Learning using Python (FH2020)

Duration: 15/06/2020 to 26/06/2020

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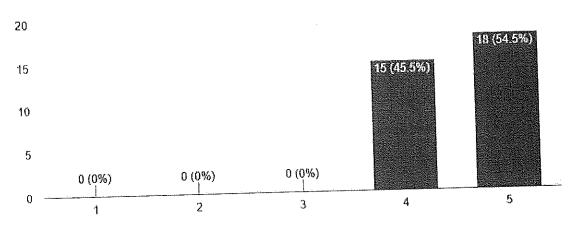
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3. Feedback Report (Course exit)

CO 1.Students will be able to acquire programming skills in Python.

33 responses



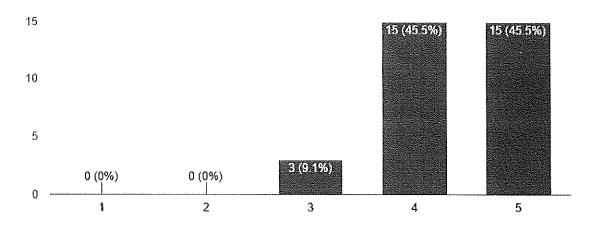


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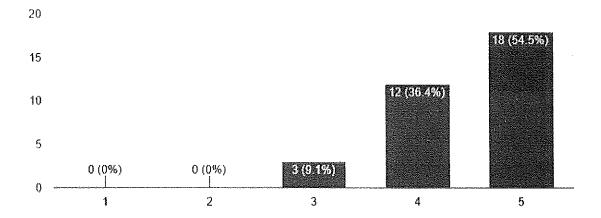
CO2. Students will be able to Perform all types of operations on the Dataset and Visualize data using the libraries (Numpy, Pandas, Matplotlib, Seaborn, OpenCV and Sklearn)

33 responses



CO3. Students will be able to Perform basic operations on digital image using Python

33 responses



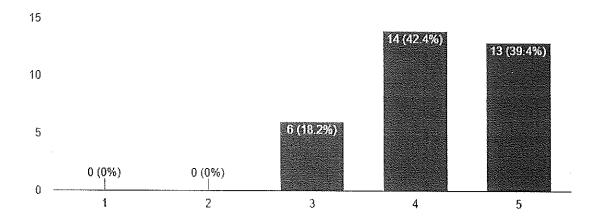


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CO4. Students will be able to Implement classifier model for given data and compare its performance with other classifier.

33 responses



4. Impact Analysis: Students did mini projects in the field of machine learning using concepts of python learnt during 12 days of SDP.

5. Responses:

Student Full Name	Department	CO 1.Students will be able to acquire programming skills in Python.	CO2. Students will be able to Perform all types of operations on the Dataset and Visualize data using the libraries (Numpy, Pandas, Matplotlib, Seaborn, OpenCV and Sklearn)	CO3. Students will be able to Perform basic operations on digital image using Python	CO4. Students will be able to Implement classifier model for given data and compare its performance with other classifier.	Any other suggestion or Your Views about the SDP.	Would you like to attend this kind of SDP in future??
Amar Mandal	MECH	5	5	5	5	Separate session should be conducted for image processing as it is a vast topic.	YES



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,	1		1	1	ı	1	
DIYA CHAKRABARTI	EXTC	4	4	4	4	-	YES
D. Ritu Rao	ΙΤ	5	5	5	4		YES
SAKSHI SANJAY RISHIPATHAK	EXTC	4	4	5	5	All good!!	YES
Prathamesh Bharat Thakur	EXTC	5	5	5	5	It will be great if more detailed sessions can be conducted by extending the course duration because here also we missed some small but important ML terminologies Else it was fun.	YES
Jagjeet Singh Malhotra	EXTC	5	5	5	5	If you could add more of application based assignments as to wherein we can implement real life examples, it would be really nice. Also if we can implement NLP and more of image processing and ML would be really nice	YES
Pooja Anant Reshim	EXTC	4	5	5	4	It was very interesting course. We got know more practical things rather than just theory part. It was really amazing experience.	YES
Abhishekh lyer	ΙΤ	4	4	4	4	Nope it was really good	YES
Gaurang Dandwate	MECH	5	5	5	5	The SDP was very good and the course content were also really helpful for those that are just starting with python programming/IP/ML.Suggestion: After the first week of SDP, of possible give a break of 2-3 days so that the students can practice what they've learned and perfect their basics of data analyzation.	YES
Aishwarya Velumani	COMPS	4	4	4	4	Kindly increase the number of sessions if possible.	YES
Sumit Anil Jadhav	EXTC	5	5	4	4	No	YES
Swapnil Vishwakarma	EXTC	4	4	5	5	This SDP gave a very good introductory knowledge on Machine Learning.	YES
Dheeraj	EXTC	4	4	4	4	-	YES
Ajay Shinde	EXTC	5	4	4	4	It was good	YES
Mrudula borhade	EXTC	4	4	5	5	•	YES



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Shlok Naik	COMPS	5	5	55	5	-	YES
Balaji Yadav	EXTC	5	5	5	5	No	YES
Cunal Tamhane	EXTC	5	5	4	3	Nicely taken and taught.	YES
Gauri Ramanathan	EXTC	5	5	5	5	No	YES
Aarti Balasaheb	EXTC	5	4	5	4	By keeping our BE project in our mind went for this SDP which stood very useful n helpful for it came up with knowledge of various libraries.	YES
Aditi Rao	EXTC	5	5	5	4	The best Machine Learning course I've attended. I found it to be a bit advanced for people with no prior programming knowledge but the faculties taught amazing so hats off!	YES
Parth Badve	IT	4	3	3	3	It was great, but was somewhat fast	YES
Divya Kamila	EXTC	4	3	4	3	SDP was designed in a such a manner that we got basic theoretical as new learners, as well as practical knowledge. The faculty made sure that we understood through this online session and took every steps they could to make it easy for us.	YES
Bhumika	EXTC	4	4	4	4	Helpful	YES
Gopale Meenakshi E	EXTC	4	4	4	4	Nil	YES
Gaganpreet Singh S S Padda	EXTC	5	5	5	5	No, everything was perfect.	YES
Aditi Sudhir Yadav	EXTC	5	5	5	4	No.	YE
Sadish Ramajayam Nadar	EXTC	5	4	5	3	Quite different way of learning process, really enjoyed the session and faculties were excellent.	YE
Aditi khuspe	EXTC	4	3	3	3	It was a good experience	YE
Shweta Jinara		4	4	4	4	No suggestions as of now. It was a great learning experience.	YI



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Ratish Sadashiv Shinde	COMPS	5	5	5	5	Everything was good! Thank you	YES
Lavanya Samanta	COMPS	5	4	3	5	The machine learning concepts were thoroughly explained.	YES
Shubhadarshini Ramkumar Nadar	IT	4	4	4	3	No	YES
Mushahid Sharifmiya Gaonkhadkar	EXTC	5	5	5	5	No	YES





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4. Certificate:





CERTIFICATE

OF APPRECIATION

This is to certify that

Mr. Jagjeet Singh Malhotra of T.E. Electronics and Telecommunication
has successfully completed 2 weeks SDP/Internship on
Machine Learning and Image Processing using Python
conducted by Dept. of Electronics and Telecommunication, SIES GST

from 15th June to 27th June, 2020

PROF. PUSHKAR SATHE COURSE CO-ORDINATOR

DR. PREETI HEMNANI HOD, EXTC DEPT. DR. ATUL KEMKAR PRINCIPAL, SIESGST

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SIES Graduate School of Technology

Department of Electronics and Telecommunication

Presents

Two Weeks Online Course and Hands on Training on C. C++ and Java coding skills

15th June - 26th June 2020. Navi Mumbai

There is a difference between the theoretical knowledge and coding skills be that matter for any programming language. Coding skills translates the theoretical knowledge based learning to solve live problems in the industry. To basically translates the class room learning into a career that earns a living. Our education system is largely structured around grooming of academic potentials; we have to groom ourselves after obtaining the academic skills for the live problems being faced by the industry. SIES Graduate School of Technology makes room for open technology and responds to market demands by its training program. EXTC, SIES Graduate School of Technology is helping students to get educated to obtain practical knowledge via hands on practice. This course will help the candidates to improve the skills required for jobs given to them by industry and provide a better understanding of some complex aspects of coding in C, C++ and Java.

Objectives

Learn how to program, troubleshoot and debug, using case studies as per the academic syllabi. Designs using simplified programming skills of case structure based and object oriented nature. A C, C++ and Java trained professionals is valued across different platforms of operating systems and the same skills can be used as the basic building blocks to learn and code in other programming languages.

Industry Skill: The training will bridge the gap between the academics and industry by providing solutions to case studies.

Affordability: The program is free of cost

Course Contents

Module 1: Overview, Environment setup (installation), Token, Data types, Variables

Module 2: Constant and literals, Operators, Decision

making Statements, Loops

Module 3: Functions, String and array

Module 4: Storage classes, Pointer, Inheritance

Module 5: Structures, file handling

Module 6: Basic concepts of Java programming

Module 7: OOPS and its applications in Java

Module 8: Arrays

Module 9: String Operations

Module 10: Inheritance

Module 11: GUI Programming - Case studies

Any student from FE AND SE (Electronics and Telecommunication) seeking a career in software industry which caters to various aspects of computers, telecommunication and hardware domain.

Registration Fees

Course Fee: Free of cost

(Cost of certificate will be applicable)

Contact for Registration

Prof. Sonai Jatkar, Mobile: 9970286104

sonal jatkar a siesgst ac in

Prof Madhuri Kulkarni Mobile: 9595008467

madhuri laulkarni/a siesgst ac.in

Prof. Priyanka Kadam Mobile: 7045410881

priyanka kadam@siesgst.ac.in

REGISTRATION LINK:

tps://docs.google.com/forms/d/e/1FAIpQLSdMD9eqzHdhzNp9hKNiIpgQvHqGRJNkCcpAOaEF8OXhSWjE0Q/viewform/uspsflink



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SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Electronics and Telecommunication **Event Report**

Two Weeks Online Course and Hands on Training on C, C++ and Java coding skills (15th June – 26th June 2020)

Event Information

Event Type: SDP/Interenship

Event title: Two Weeks Online Course and Hands on Training on C, C++ and Java coding skills

Resource Person:

Prof. Sonal Jatkar, Prof. Madhuri Kulkarni Prof. Priyanka Kadam (EXTC Dept, SIES GST)

Event date:

15th June – 26th June 2020, Navi Mumbai

Organized for: FE, SE and TE Students

Organized by: EXTC Dept, SIES GST

Target audience (branch & nos.): FE(31) + SE(2) + TE(1) = 34

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback and Impact Analysis

4. Certificate



S. GRADUATE SCHOOL OF TECHNOLOGY Sri Chandrasekarendra Sa**raswat**hy Vidyapuram Sector-V, Nerul, Navi Mumbai-400706

Event Description

SIES Graduate School of Technology had organized a Two Weeks Online Course and Hands on Training on C, C++ and Java coding skills on 15th June – 26th June 2020.

OBJECTIVES:

- To enhance coding skills of students
- To understand the importance of classes and objects along with constructor, Arrays and Vector.
- To understand the principal of inheritance, interface, packages and demonstrate through problem analysis.

OUTCOMES:

- To develop logic to write program
- To write code in C,C++and Java language
- To apply the knowledge of C,C++and Java programing to solve diffrent problems
- To identify classes and objects and the relationship among them for finding the solution to specific problem.

PREREQUISITE:

Basic of mathematics

SCHEDULE

WEEK 1:

Date	Day 1	Day 2	Day 3	Day 4	Day 5
Resource	Priyanka	Madhuri	Priyanka	Madhuri	Priyanka Kadam
person	Kadam	Kulkarni	Kadam	Kulkarni	Madhuri Kulkarni
Time	11.00 am-1.00	11.00 am-1.00	11.00 am-	11.00 am-	
Time	pm	pm	1.00 pm	1.00 pm	11.00 am-1.00 pm
	Overview, Environment setup (installation), Token, Data types, Variables	Constant and literals, Operators, Decision making Statements, Loops	Functions, String and array	Storage classes, Pointer, Inheritance	Structures, file handling
Time	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm
	Hands on session	Hands on session	Hands on session	Hands on session	Hands on session
	Assignment and Quiz	Assignment and Quiz	Assignment and Quiz	Assignment and Quiz	Assignment and Quiz



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S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY Sri Chandrasekarendra Saraswathy Vidyapuram Sector – V., Nerul, Navi Mumbai – 400706

SCHEDULE

WEEK 2:

Date	Day 1	Day 2	Day 3	Day 4	Day 5
Resource person	Sonal Hutke	Sonal Hutke	Sonal Hutke	Sonal Hutke	Sonal Hutke
Time	11am-1pm	llam-lpm	11am-1pm	11am-1pm	llam-lpm
	Topic to be covered eg. Theoretical aspects of	Topic to be covered	Topic to be covered Topic to be covered		Topic to be covered
	Basics concepts of Java programming	OOPS and its applications in Java	Arrays	String Operations, Inheritance	GUI Programming – Case studies
Time	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm	2.00 pm to 4.00 pm
	Hands on session	Hands on session	Hands on session	Hands on session	Hands on session
	Assignment and Quiz	Assignment and Quiz	Assignment and Quiz	Assignment and Quiz	Assignment and Quiz

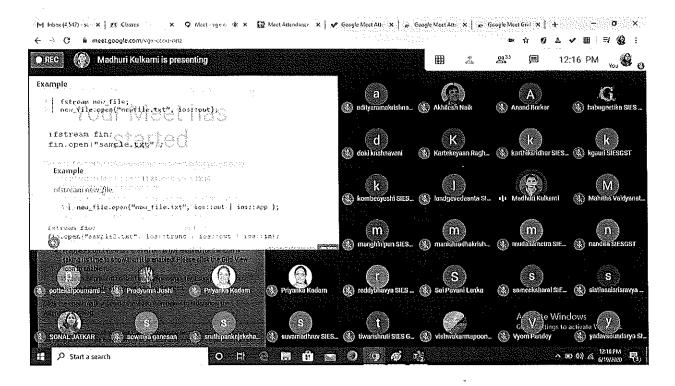
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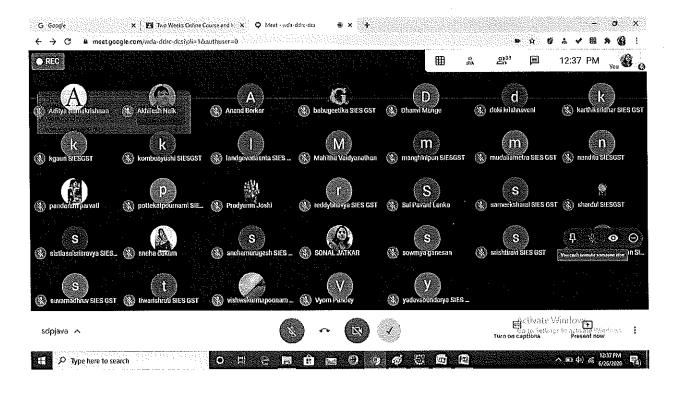
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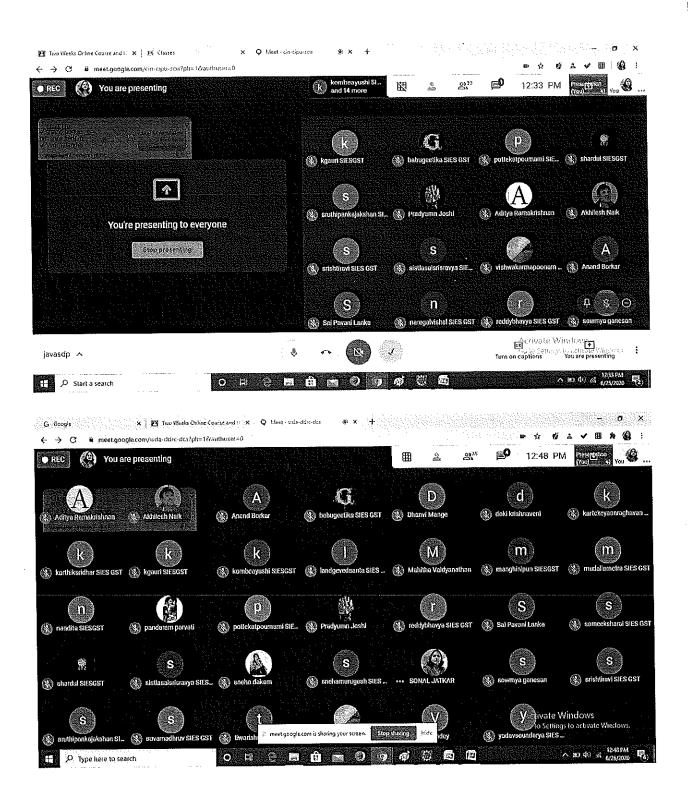
1. Photographs (in JPEG/PNG)







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Sector-V, Neru!. Navi Mumbai-400706

2. Attendance report

					Date	Date	Date	Date	Date
Sr.					15-	16-	17-	18-	19-
No.	Name	Roll no.	Class	Branch	Jun	Jun	Jun	Jun	Jun
1	Sneha Murugesh	119A3048	FE	ΙΤ	Р	Р	Р	Р	Р
2	Netra Mudaliar	119A3033	FE	IT	Р	Р	Р	Р	Р
3	Sruthi Pankajakshan	119A1087	FE	CE D	Р	Р	Р	Р	Р
4	Nipun Manghi	119A1039	FE	CE	Р	P	Р	Р	Р
5	Nandita Nandakumar	119A1052	FE	CE	Р	P	Р	Р	Р
6	Pournami Pottekat	119A1058	FE	CE	Р	Р	Р	J	Р
7	Sai Sri Sravya Sistla	119A2066	FE	EXTC	Р	Р	Р	Р	Р
8	Srishti Ravi	119A2081	FE	EXTC	Р	Р	Р	Р	Р
9	Sameeksha Rai	119A2070	FE	EXTC	Р	Р	Р	Р	Р
10	Anand Borkar	119A1015	FE	CE	Р	Р	Р	Р	Р
11	Dhruv Suvarna	119A1021	FE	CE	Р	AB	Р	Р	Р
12	Aditya Ramakrishnan	119A1004	FE	CE	Р	Р	Р	Р	Р
13	Yash Dhapola	119A1020	FE	CE	Р	Р	Р	Р	Р
14	SNEHA PARNE	118A2078	SE	EXTC	Р	Р	Р	Р	Р
	PARVATI								
15	KRISHNAN	118A2075	SE	EXTC	Р	Р	Р	Р	Р
16	Krishnaveni Doki	119A2032	FE	EXTC	Р	Р	Р	Р	Р
17	Vedanta Landge	119A2037	FE	EXTC	Р	Р	AB	Р	Р
18	Akhilesh Naik	119A2045	FE	EXTC	Р	Р	Р	Р	Р
19	Bhavya Reddy	119A2054	FE	EXTC	Р	Р	Р	P	Р
20	shruti tiwari	119A2085	FE	EXTC	Р	Р	Р	Р	Р
21	Yadav Soundarya	119A2096	FE	EXTC	Р	Р	Р	Р	Р
	Poonam								
22	Vishwakarma	119A4023	FE	PPT	P	Р	Р	Р	Р
23	Vishal Naregal	119A2095	FE	EXTC	P	Р	Р	Р	Р
24	Pradyumn Joshi	119A2027	FE	EXTC	Р	Р	Р	Р	Р
25	Vyom Pandey	119A2052	FE	EXTC	P	Р	Р	AB	Р
26	K Gauri	119A1032	FE	CE	Р	Р	Р	P	Р
27	Geetika Babu	119A3019	FE	IT	P	AB	P	Р	P
28	Ayushi Kombe	119A1013	FE	CE	Р	Р	Р	Р	P
29	Karthik Sridhar	119A3029	FE	IT	P	P	Р	Р	Р
	Kartekeyaan				1_	_	_	_	_
30	Raghavan	119A1035	FE	CE	P	Р	P	P	P
31	Dhanvi Mange	119A3013	FE	IT	Р	Р	Р	AB	P
	Mahitha	44040054		1.7		n	b	_	_
32	Vaidyanathan	119A3054	FE	IT	Р	Р	P	P	P P
33	Pavani Lanka	119A3056	FE	IT	P	P	P		P
34	Sowmya Ganesan	117A2028	TE	EXTC	Р	· · · · · · · · · · · · · · · · · · ·	+	P	· i
	TOTAL PRE	ESENT STUD	DENIS		34	32	33	32	34

Week 2 Attendance

					Date	Date	Date	Date	Date
Sr.					22-	23-	24-	25-	26-
No.	Name	Roll no.	Class	Branch	Jun	Jun	Jun	Jun	Jun
1	Sneha Murugesh	119A3048	FE	IT	Р	Р	Р	Р	Р
2	Netra Mudaliar	119A3033	FE	IT	P	Р	Р	Р	Р



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3	Sruthi Pankajakshan	119A1087	FE	CE D	P	AB	P	P	Р
4	Nipun Manghi	119A1039	FE	CE	Р	Р	Р	Р	Р
5	Nandita Nandakumar	119A1052	FE	CE	Р	Р	Р	Р	Р
6	Pournami Pottekat	119A1058	FE	CE	AB	Р	Р	Р	Р
7	Sai Sri Sravya Sistla	119A2066	FE	EXTC	Р	Р	Р	Р	Р
8	Srishti Ravi	119A2081	FE	EXTC	Р	P	Р	Р	Р
9	Sameeksha Rai	119A2070	FE	EXTC	Р	Р	Р	Р	Р
10	Anand Borkar	119A1015	FE	CE	Р	Р	Р	Р	Р
11	Dhruv Suvarna	119A1021	FE	CE	Р	Р	Р	Р	Р
12	Aditya Ramakrishnan	119A1004	FE	CE	Р	Р	Р	AB	Р
13	Yash Dhapola	119A1020	FE	CE	Р	Р	P	Р	Р
14	SNEHA PARNE	118A2078	SE	EXTC	Р	Р	Р	P	Р
15	PARVATI KRISHNAN	118A2075	SE	CVTC	Р	P	Р	Р	Р
16	Krishnaveni Doki	119A2032	FE	EXTC	P	P	P	P	P
17	Vedanta Landge	119A2032	FE	EXTC	P	P	P	P	P
18	Akhilesh Naik	119A2037 119A2045	FE	EXTC	P	P	P	P	P
19	 	119A2045	FE	EXTC	P	AB	P	P	P
20	Bhavya Reddy shruti tiwari		FE		P	P	P	P	P
21		119A2085	FE	EXTC	P	P	P	P	P
	Yadav Soundarya Poonam	119A2096	FE	EXTC	P	P	P	P	<u> </u>
22	Vishwakarma	119A4023	FE	PPT	Р	Р	Р	Р	Р
23	Vishal Naregal	119A2095	FE	EXTC	Р	Р	Р	Р	Р
24	Pradyumn Joshi	119A2027	FE	EXTC	Р	Р	Р	Р	Р
25	Vyom Pandey	119A2052	FE	EXTC	Р	Р	Р	AB	Р
26	K Gauri	119A1032	FE	CE	Р	Р	Р	Р	Р
27	Geetika Babu	119A3019	FE	IT	Р	Р	Р	Р	Р
28	Ayushi Kombe	119A1013	FE	CE	Р	Р	AB	Р	Р
29	Karthik Sridhar	119A3029	FE	ΙΤ	Р	Р	Р	Р	Р
	Kartekeyaan						ļ		
30	Raghavan	119A1035	FE	CE	Р	Р	Р	Р	Р
31	Dhanvi Mange	119A3013	FE	IT	P	Р	Р	Р	Р
	Mahitha			l	l _	_	_	_	
32	Vaidyanathan	119A3054	FE	IT	Р	Р	Р	Р	Р
33	Pavani Lanka	119A3056	FE	IT	AB	Р	Р	P	Р
34	Sowmya Ganesan	117A2028	TE	EXTC	P	Р	Р	Р	Р
L	TOTAL PRE	SENT STUD	ENTS		32	32	33	32	34

List of Mini Projects of SDP

Sr. No.	Group No.	Name	Roll no.	Class	Branch	Project name	
1	. Carlon and the carl	Sneha Murugesh	119A3048	FE	ΙΤ		
2	G1	Netra Mudaliar	119A3033	FE	IT	Phonebook	C++ topic
3	and the state of t	Sruthi Pankajakshan	119A1087	FE	CE D	management	topic



4		Nipun Manghi	119A1039	FE	СЕ	000	
5	G2	Nandita Nandakumar	119A1052	FE	CE	Supermarket Billing System	C++ topic
6		Pournami Pottekat	119A1058	FE	CE		
7		Sai Sri Sravya Sistla	119A2066	FE	EXTC	School	Java
8	G3	Srishti Ravi	119A2081	FE	EXTC	management system	topic
9		Sameeksha Rai	119A2070	FE	EXTC	·	,
10		Anand Borkar	119A1015	FE	CE		
11		Dhruv Suvarna	119A1021	FE	CE	Random	Java
12	G4	Aditya Ramakrishnan	119A1004	FE	CE	Password Generator	topic
13		Yash Dhapola	119A1020	FE	CE		
14		SNEHA PARNE	118A2078	SE	EXTC		C++
15		PARVATI KRISHNAN	118A2075	SE	EXTC	hangman game	topic
16		Krishnaveni Doki	119A2032	FE	EXTC		
17	G6	Vedanta Landge	119A2037	FE	EXTC	ATM machine	Java
18] G0	Akhilesh Naik	119A2045	FE	EXTC	A I WI machine	topic
19		Bhavya Reddy	119A2054	FE	EXTC		
20		shruti tiwari	119A2085	FE	EXTC		
21	G7	Yadav Soundarya	119A2096	FE	EXTC	Travel Agency Management	C++
22	G 7	Poonam Vishwakarma	119A4023	FE	PPT	System	topic
23		Vishal Naregal	119A2095	FE	EXTC		
24		Pradyumn Joshi	119A2027	FE	EXTC		
25	G8	Vyom Pandey	119A2052	FE	EXTC	Patient Tracking	C++ topic
26		K Gauri	119A1032	FE	CE		



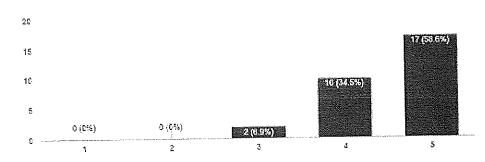


27		Geetika Babu	119A3019	FE	IT		
28		Ayushi Kombe	119A1013	FE	CE	ļ	
29	G9	Karthik Sridhar	119A3029	FE	IT	Student database	C++ topic
30		Kartekeyaan Raghavan	119A1035	FE	CE	management	
31		Dhanvi Mange	119A3013	FE	IT		
32	G10	Mahitha Vaidyanathan	119A3054	FE	IT	Movie Ticket Booking System	Java Topic
33		Pavani Lanka	119A3056	FE	IT		
34	G11	Sowmya Ganesan	117A2028	TE	EXTC	Quiz game	C++ topic

3. Feedback and Impact Analysis

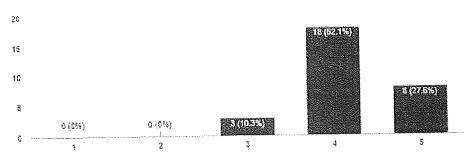
How relevant do you think it was for your future?

29 responses



Effectiveness of the SDP

29 responses

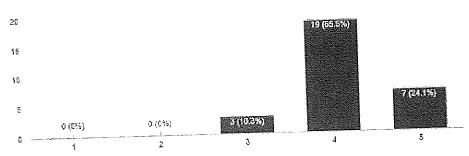




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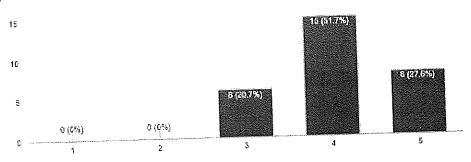
Content delivery by speakers





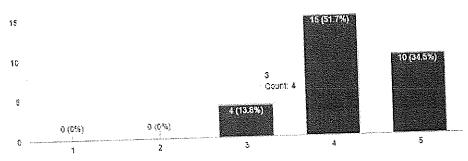
Are you able to develop logic to write program

29 responses



Are you able to write code in C.C++and Java language

29 responses

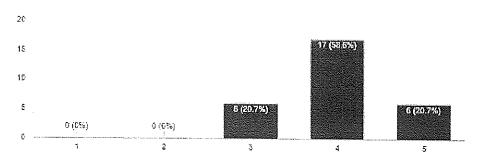


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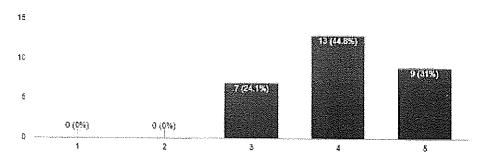
Are you able to apply the knowledge of C.C++and Java programming to solve different problems

29 responses



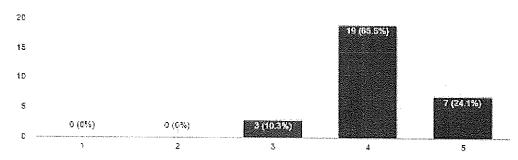
Are you able to identify classes and objects and the relationship among them for finding the solution to specific problem.

29 responses



How satisfied were you with the SDP?

29 responses



Impact Analysis

Students can develop the logic and write the code for different problem statements. Workshop helped students for placements and to do carrier in software field.



X.

Responses for registration

Sr. No	Name of the Student	Roll No.	Branch	Yea r	Divisio n	Email ID (SIES GST domain)	Mobile No.
1	Aditya Ramakrishnan	4	С	FE	С	adityaramakrishnan19@siesgst.ac.in	84529628 78
2	Ajay Shinde	98	EXTC	SE	В	ajay.arun18@siesgst.ac.in	88286687 23
3	Akhilesh Naik	45	EXTC	FE	А	naikakhilesh19@siesgst.ac.in	82916811 13
4	Anand Borkar	15	CE	FE	С	borkaranand19@siesgst.ac.in	93238531 30
5	Anusha	7	EXTC	FE	A	anushaganapathy19@siesgst.ac.in	84199739 40
6	Ayushi Kombe	13	CE	FE	С	kombeayushI19@siesgst.ac.in	72760879 50
7	Balaji Yadav	118211 9	Extc	SE	В	yadav.balaji18@siesgst.ac.in	91370259 26
8	Bhavya Reddy	54	EXTC	FE	А	reddybhavya19@siesgst.ac.in	75065315 39
9	Chaitanya Shetty	10	Extc	FE	А	shettychaitanya19@siesgst.ac.in	90822105 52
10	Deep Bhanushali	13	EXTC	SE	A	bhanushalinavin19@siesgst.ac.in	91454591 82
11	Dev Thakkar	218307 5	ΙΤ	TE	Е	dev.thakkar218@siesgst.ac.in	99698140 00
12	Dhanvi Mange	13	IT	FE	E	dhanvianil19@siesgst.ac.in	79770791 53
13	Dhruv	21	CE	FE	С	suvarnadhruv19@siesgst.ac.in	9.18E+11
14	Divya Kamila	18	EXTC	SE	A	kamila.divya18@siesgst.ac.in	90291038 20
15	Drishay Nair	47	EXTC	FE	А	drishyanair19@siesgst.ac.in	99876782 29
16	Gayathri	49	Computer Engineering	FE	С	nadargayathri19@siesgst.ac.in	73042293 55
17	Geetika Babu	19	ΙT	FE	E	babugeetika 19@siesgst.ac.in	72080325 65
18	Jai Janani Radhakrishna n	24	ΙΤ	FE	E	jaijananiradhakrishnan19@siesgst .ac.in	84335473 87
19	Jaisingh Bhandari	13	ce	SE	С	jaisingh.narayan18@siesgst.ac.in	99679156 17
20	Janvi Ramachandra n	27	ΙΤ	FE	E	janviramachandran19@siesgst.ac. in	70210748 40
21	K Gauri	32	CE	FE	С	kgauri19@siesgst.ac.in	99303152 80
22	Kartekeyaan	35	CE	FE	С	kartekeyaanraghavan19@siesgst.	98336014



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23	Sridhar	29	11	1 -	<u> </u>	National and Control	99306116
_		20	EXTC	FE	Α	khushpatil19@siesgst.ac.in	23
24	Khush Patil	30	EXIC	FL		Khashpathi 13 @ sicaBathashii	97025765
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	Krishnaveni	22	CVTC	FE	Α	dokikrishnaveni19@siesgst.ac.in	93
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28	Kunal patkar	35	EXTC	_FE	Α	vaidyanathanmahitha19@siesgst.	99208762
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29	Vaidyanathan	54	<u>IT</u>	FE	E	ac.in	91674258
		l			_	mehul.patil218@siesgst.ac.in	73
30	Mehul Patil	71	<u>IT</u>	TE	E	menui.patii210@siesgst.ac.iii_	91371673
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31	shaheem	41	EXTC	FE	A		78879098
	1				_	mushahid.gaonkhadkar18@siesgs	15
32	mushahid	24	EXTC	SE	A	t.ac.in	88980090
	Nandita						1
33	Nandakumar	52	CE	FE	<u>D</u>	nandita19@siesgst.ac.in	81
	Netra						95795554
34	mudaliar	33	IT	FE	E	mudaliarnetra19@siesgst.ac.in	68
	Nikita						20074044
	Mahesh					-	99871914
35	Kadam	35	IT	FE	E	kadamnikita19@siesgst.ac.in	23
36	Nipun Manghi	39	CE	FE	С	manghinipun19@siesgst.ac.in	9.20E+11
	Omkar						99877815
37	Dumbre	19	EXTC	SE	Α	dumbre.omkar18@siesgst.ac.in	30
	Pandaram		Electronics and				
	Parvati		telecommunicati			pandaram.parvati18@siesgst.ac.i	90041398
38	Krishnan	75	ons	SE	В	n	81
- 36	Poonam	119402		1	i	vishwakarmapoonam19@siesgst.	97697141
39	Vishwakarma	3	PPT	FE	В	ac.in	35
39	POURNAMI	 				pottekatpournami19@siesgst.ac.i	98219119
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41		21	LATE	 	<u> </u>	mudaliyarpranathy19@siesgst.ac.i	7715039
	Pranathy	42	EXTC	FE	A	n	5
42		43	EXIC	 	+ ~	gawasprathamesh19@siesgst.ac.i	9769972
	Prathamesh	34	CE	 FE	c	n	6
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44		60	CE	FE	D	12ilinala ta Graca Barraciii	9969638
	Sai Pavani		Information			lankavenkata19@siesgst.ac.in	2 2
45	Lanka	56	Technology	FE	<u>E</u>		
46	Sai Sri Sravya	2066	EXTC	FE	В	sistlasaisrisravya19@siesgst.ac.in	9987576



	Sistla]					16
,	•						93204779
47	Sakshi Gawali	68	EXTC	FE	В	gawalisakshi19@siesgst.ac.in	88
		118209			,,		99875163
48	Sakshi Shetty	7	EXTC	SE	В	sakshi.shankar18@siesgst.ac.in	00
	Sameeksha						98331031
49	Rai	70	EXTC	FE	В	sameeksharai19@siesgst.ac.in	40
	Saumya						93726690
50	kamath	28	ΙΤ	FE	E	kamathsaumya19@siesgst.ac.in	02
	Shruti				"-		
	Narayan						70218027
51	Gope	76	EXTC	FE	В	shrutinarayan19@siesgst.ac.in	44
						, , , , ,	93241669
52	Shruti tiwari	2085	Extc	FE	В	tiwarishruti19@siesgst.ac.in	59
	Sneha		Information				90825183
53	murugesh	48	technology	FE	E	snehamurugesh19@siesgst.ac.in	12
							84529816
54	Sneha Parne	78	EXTC	SE	В	sneha.dakam18@sieagst.ac.in	04
							90046875
55	SNEHA RANA	82	CE	FE	D	sneharana19@siesgst.ac.in	10
	Sowmya	117202					98205731
56	Ganesan	8	Extc	TE	В	sowmya.ganesan17@siesgst.ac.in	48
	SRUTHI						
	PANKAJAKSH					sruthipankajakshan19@siesgst.ac.	90762509
57	AN	87	Computer	FE	D	in	98
	Suchit						97688870
58	Deshmukh	19	CE	FE	С	deshmukhsuchit19@siesgst.ac.in	71
							96197211
59	Tanvi Pathare	55	CE	FE	D	tanvipathare19@siesgst.ac.in	47
							88799277
60	Varun Shinde	75	Comps	FE	D	shindevarun19@siesgst.ac.in	48
	Vedaanta						
	Sandeep						81694195
61	Landge	37	EXTC	FE	Α	landgevedaanta19@siesgst.ac.in	72
	Vishal Umesh						86522591
62	Naregal	95	EXTC	FE	В	naregalvishal19@siesgst.ac.in	58
							70212111
63	Vyom Pandey	52	Α	FE	Α	pandeyvyom19@siesgst.ac.in	78
	Yadav						
	Soundarya						
	Ariramakrishn						98192855
64	an	96	EXTC	FE	В	yadavsoundarya19@siesgst.ac.in	96
						, , ,	98928694
65	Yash Dhapola	20	CE	FE	С	dhapolayash19@siesgst.ac.in	







CERTIFICATE

OF APPRECIATION

This is to certify that

Mr. Anand Borkar of F.E. Computer Engineering
has successfully completed 2 weeks SDP/Internship on
Hands-on Training on C, C++, and Java Coding Skills
conducted by Dept. of Electronics and Telecommunication, SIES GST

from 15th June to 26th June, 2020

PROF. SONAL JATKAR COURSE CO-ORDINATOR DR. PREETI HEMNANI HOD, EXTC DEPT. A.N. KemEur

DR. ATUL KEMKAR PRINCIPAL, SIESGST

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SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706



SIES Graduate School of Technology Department of Computer Engineering Organizing Student Development Program and Internship **Blockchain Technology** June 15-20, 2020, 10.00 AM to 5.00 PM

The widespread popularity of digital crypt-currencies has led the foundation of Blockchain, which is fundamentally a public digital ledger to share information in a trustworthy and secure way. The concept and applications of Blockchain have now spread from crypto-currencies to various other domains, including business process management, smart contracts, IoT and so on. This course is a covers both the conceptual as well as application aspects of Blockchain. This includes the fundamental design and architectural primitives of Blockchain, the system and the security aspects, along with various tools to implement the Blockchain for various application domains.

Course Objectives:

- Learn about the concept of Blockchain and crypto-currencies.
- Understand the importance of Blockchain technology in Business
- Use of various tools to implement the Blockchain.

Course Outcome:

After This Course the students should be able to:

- Identify the problem of security associated with the third party inclusion in transaction.
- Identifying the need for Blockchain Technology in various use cases.
- Demonstrate the various tools used for Blockchain technology.
- Implementing Blockchain in any security application.



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Course Contents:

- Basics of Blockchain Technology and Crypto-currency
- Permissioned and Permission-less Blockcahin
- Consensus protocols and Algorithms.
- Implementation of Blockchain using JAVA
- Creating of SMART contract using solidity
- Design, Test and Deploy Secure Smart Contracts
- Creating of Block Chain Network using Hyperledger Composer platform
- Implementing block chain using Node JS
- Creating the Ethereum Blockchain using a Tool.

Who Should Attend: Any student from SE/TE (CE/IT)

Course Fees: Course is free of cost (only for SIES GST students)

Certification: Course completion and internship certificate is provided.

Internship: At the end of 6 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).

Registration link:

https://docs.google.com/forms/d/e/1FAIpQLSe-ujQPPtqZNvSVhvdKSJh7brVRSqqARJYlz_ZdeB_YXDbXwA/viewform?usp=sf_link

Contact for Registration:

Prof. Rizwana Shaikh: rizwana.shaikh@siesgst.ac.in, 9619197014 Prof. Masooda Modak: masooda.modak@siesgst.ac.in 9833161007 Prof Kalyani P: kalyani.pampattiwar@siesgst.ac.in, 9819370257



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Day Wise Schedule:

Date	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Resource person	Dr,Rizwana Shaikh	Ms. Kalyani Pampattiwar	Ms. Masooda Modak	Ms. Namrata Patel	Dr. Rizwana Shaikh	NA
Time	10 am to 1:30 pm	10 am to 1:30	10 am to 1:30 pm	10 am to 1:30 pm	10 am to 1:30 pm	10:00 am to 5:00 pm
	Introduction to Blockchain, Applications and advantages Bitcoin: Introduction Cryptocurre ncy and applications	Cryptography and Cryptanalysis, Use of cryptography in Blockchain, Symmetric key cryptography, Asymmetric key cryptography, RSA cryptosystem with example.	What are Smart Contracts? Key Properties of smart Contracts, Language for Smart Contracts.	Environment setup for blockchain development Constructor function explaination Prototype explaination,Cre ating new Transaction,	Ethereum component s, features ,Wallets, Transaction s, Public & Private keys	



Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Assignment/ Activity		Quiz on cryptography basics	Design of Smart Contracts	Generate hash when nonce is 7890 Current block data having two transactions George sent Jacob 345666 Shyam sent ram 34123 Take previous block hash as "23986yasjdasu dyr326gyajsd" Generate hash value by changing atleast one string in any of above	Implement ation of Blockchain using Ethereum, creating wallet, writing transaction, mining and generating crypto currency
Time	1:30 pm to 5 pm Components of blockchain , Types of blockchain	1:30 pm to 5 pm Cryptographic Hash function, Hash Chain, Merkle Tree, Digital	1:30 pm to 5 pm Deploying Smart Contracts, Using Metamask for transfer	1:30 pm to 5 pm Adding hash block,Creatingan d Testing proof of work, Adding nonce and mining the	1:30 pm to 5 pm Projects topics to be selected for Internship after discussion
	and applications, Blockchain Structure, How Blockchain Works, Smart Contracts, Various implementat	cryptocurrenc y using hash, chain and digital signature.	of ethers	transaction,Crea ting Genesis block	with All Trainers



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Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Assignment/ Activity	r Composer- creating blockchain network for business application	Demo of SHA256 and other cryptographi c tools, Assignment on RSA cryptosystem	Test, and deploy secure Smart Contracts	Creating Blockchain from javascript and node js	Two assignmen ts and two quizzes	
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SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Computer Engineering

Event Report

Student Development Program on Blockchain Technology

Event Information

Event Type: Student Development Program

Event Title: Blockchain Technology

Resource Persons: Dr.Rizwanashaikh, Prof.MasoodaModak, Prof.KalyaniPampattiwar, Prof.Namrata Patel

Event Date: 15/06/2020 to 20/06/2020

Organized for: SE, TE Comp/IT/EXTC Students

Organized by: Computer Engineering, SIES GST

Target Audience (Branch & Nos.): Undergraduate Students (CE/IT/EXTC: 13 students)

Attachments:

- 1. Photographs (JPEG/PNG)
- 2. Attendance Report
- 3. Feedback Report



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SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Event Description

Department of Computer Engineering of SIES GST organized an SDP from 15/06/2020 to 20/06/2020 for SE/TE students.

Dr. Aparna Bannore, HOD CE has addressed the students about the overview of program and internship to be conducted. She explained the benefits of learning security and blockchain. Also various career opportunities available in the field of security.

Around 13 participants from SE and TE attended the SDP. Entire program was carried out in six days span. Eveready's session is divided into two halves morning and afternoon.

The Sessions started with covering basics of Security and need of Blockchain. Various tools were identified and studied along with the demonstration. A sample project in the form of mini project is the expected outcome of the course.

The first day session was conducted by Dr. Rizwana Shaikh. She has covered Introduction to blockchain, Bitcoin: Introduction Cryptocurrency and applications followed by afternoon session on Smart Contracts, Various implementation tools. Second day session was conducted by Prof. Kalyani Pampattiwar on Cryptography required for Blockchain, Public key cryptography and Markeley tree and Hash function. Day 3 session was conducted by prof. Masooda Modak on Introduction to solidity, Remix IDE framework and Sample contract., Deploying Smart Contracts, using Metamask for transfer of ethers.. Day 5 session was delivered by Prof. Namrata Patel on Building a Blockchain using javascript, Accessing Blockchain using API and Consensus algorithms. Day 6 was conducted by Dr. Rizwana Shaikh on Case study on Blockchain and at the end internship project topics were discussed with students. Students have been given 15 days time to complete their project. Vote of thanks was presented by HOD CE, Dr. Aparna Bannore. She has congratulated all the students for attending the SDP with full enthusiasm.



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1. Photographs (in JPEG/PNG):









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2. Attendance and Feedback Report (Scanned copy):

Attendance report for SDP on "Blockchain Technology" (15/06/2020 to 20/06/2020)

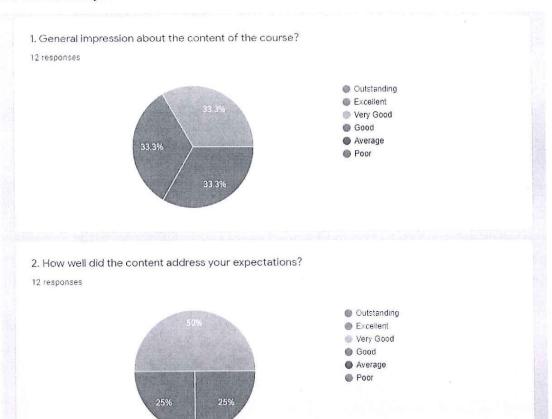
Sr. No.	Roll No.	Class	Name	15-06-2020	16-06-2020	17-06-2020	18-06-2020	19-06-2020	20-06-2020
1	118A1067	SE CE D	Anandteertha Ramesh Rao	Р	Р	Р	Р	Р	Р
2	117A3038	TE-IT	Avantika Pawar	Р	Р	Р	Р	р	Р
3		TE EXTC A	Harsh Agrawal	Р	р	р	Р	Р	Р
4		TE-CE-C	Kini Jagdish	Р	Р	Р	р	р	Р
5	117A3012		Nandhitha lyer	P	Р	Р	P	Р	р
6	117A3035		Nithya Kannan	Р	Р	Р	Р	Р	Р
7	118A2054		Pallavi Lodhi	Р	Р	Р	Р	Р	P
- 8	117A3043	The state of the s	praveena viswarajan	Р	Р	Р	р	р	р
9	117A3026	1	Rahul marathervar	Р	Р	Р	Р	Р	р
10	118A1074		sant kedar	Р	Р	р	Р	Р	P
11	118A2049		Sumaiya Khan	Р	Р	Р	Р	Р	Р
12	118A1059		Girish Parulkar	р	Р	Р	р	Р	Р
13	118A3055		Pooja Shetty	р	р	р	р	Р	Р

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3. Feedback Analysis

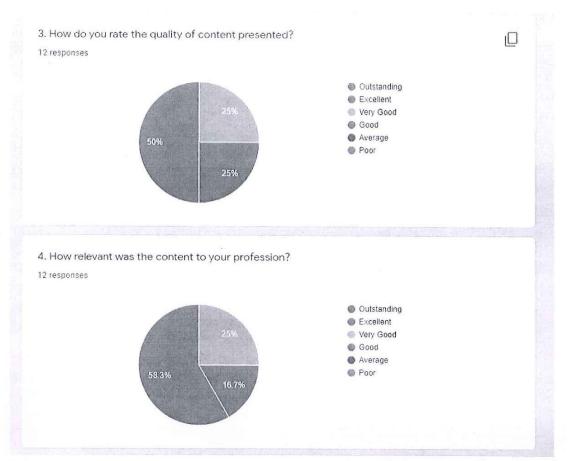




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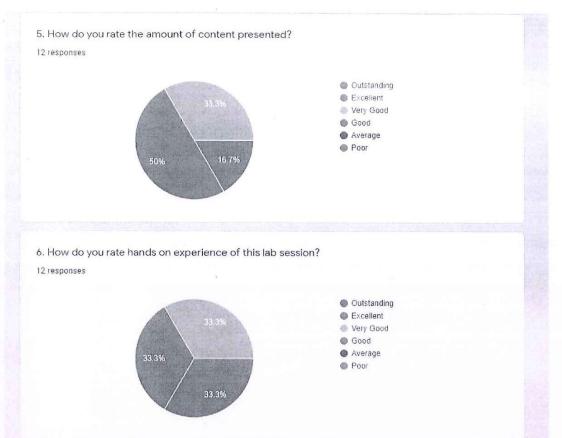
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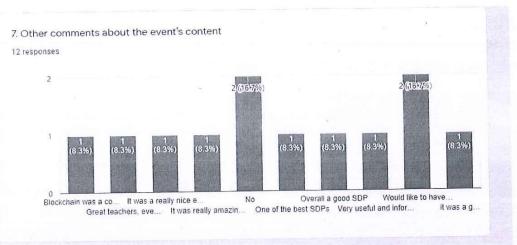


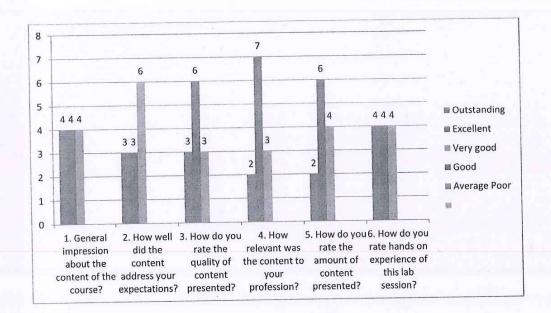


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4. Impact Analysis:

- 1. Students got exposure to upcoming applications of Blockchain technology.
- 2. They have learnt the concepts which are beyond their curriculum.
- 3. As a outcome of it in their internship students have developed a mini project based on concepts they have learnt during these six days.



PRINCIPAL



CERTIFICATE



CR No: CE/FH2020/BC01

OF COMPLETION

THIS IS TO CERTIFY THAT

Harsh Agarwal

has successfully completed the course on "Blockchain Technology"

and fiteen days internship from 15th June to 30th June, 2020 held at SIES Graduate School of Technology. During internship he/she has successfully completed project titled <u>Transparency to charity donation</u>

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DR. RIZWANA SHAIKH SDP COORDINATOR. DR. APARNA BANNORE HEAD, CE DEPT,

DR. ATUL KEMKAR PRINCIPAL SIES GST.



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

Department of Computer Engineering



One week Student development program on Network Security & Ethical Hacking

2019, From Dec 16-21

Report:

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 Network Security & Ethical Hacking for Second year students of CE branch from Dec 16-21, 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

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- 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

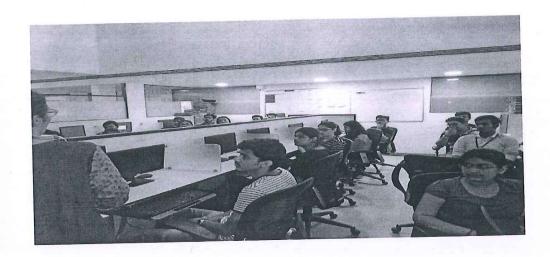
Feedback:

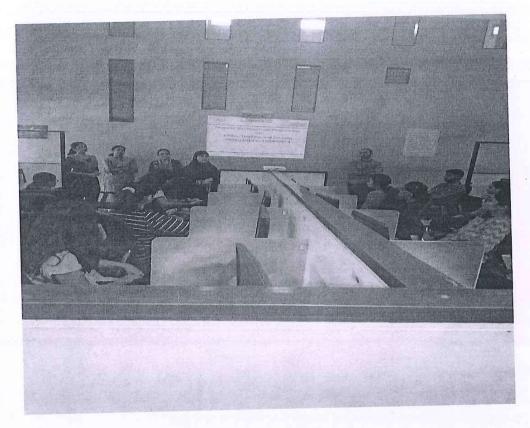
The training program received good response from resource persons and attendees. All participants received the program very well and implement in their professional career.

Photos of the Event:

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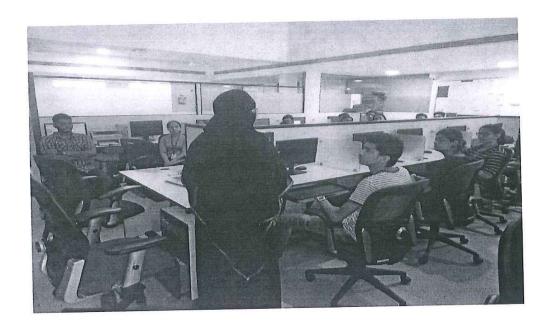
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Impact Analysis

- 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.



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Organizing

Student Development Program and Internship 6 days Hands on Training on
Network Security and Ethical Hacking
Dec 16-21, 2019, 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, Password cracking and Steganography.

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

Course Fees: Free for SIES GST students / 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.SuvarnaChaure:<u>suvarna.kendre@siesgst.ac.in</u>, 9769455405



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Students Development Program on Network Security and Ethical Hacking

(Dec 2019)

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 16/12/2019	Introduction to Computer Network (OSI model/TCP Model/Devices at each layer KNP	/IP addressing/Subne tting) KNP	CISCO topology built up SKP	Static routing SKP	quiz
Day 2 17/12/2019	Dynamic Routing, Switching Basic configuration of Layer 2 manageable switch UNR	Switching UNR	D-Link Basic configuration of manageable switch SKP		Quiz
Day 3 18/12/2019	Introduction to security Ethical hacking Aparna Bannore	Initial Commands demonstation and handson 1)Dig 2)whois 3)traceroute 4)ifconfig	Sniffing using wireshark Tcpdump +Assignment on sniffing Suvarna VChaure	Assignment on sniffing SVC	
Day4 19/12/2019	Kali linux installation Backtrack Metasploit AMB	Exploting winxp system	Virus, steganography KNP	Key logger Lab work KNP	
Day5 20/12/2019	SQL injection UNR	SQL map UNR	Vulnerability assessment using Nesses UNR	Quiz	
Day 6 21/12/2019	Network Spoofing using nmap, Zenmap Amb	Password cracking John the ripper SVC			



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SIES Graduate School of Technology, Nerul, Navi Mumbai.

Center of excellence: e-Security

Student Development Program

Name of the Course: Ethical Hacking and Security

Course Date: June 10-15 2019

Timing: 9.30 AM to 5.00 PM

Venue: Art Gallery

Date: 10/06/2019

	Name	Morning Session	Afternoon
Sr.		Signature	Session
No			Signature
1	NIRMIT RAJESH SAWAI	Robert -	Dirnit
2	Shruti Azhagu Mani	Shrahi	Shruhi
3	Shreya Mukherjee	Shreug	Greyer
4	Aditi jajoo	Calle	Cod.
5	Shlok Vivek Naik	05h.h	Shule
6	Nadar Vijay	Lana	Mun.
7	Anirudh Belwadi	Mai	Din.
8	DARSHAN CHANDULAL PATEL	Day Shaw.	Darsha w.
9	Aditi Rao	Prom.	Rn
10	Nishant Gharat	Mal.	NGL.
11	Afhan Ashfaque Mulla	APR	Ah.
12	Vaishnavi Mukku	Wish.	Mish.
13	Atharva Surve	Shush	Su-
14	Alhaan mohideen	A.	Ah.
15	C R Abubakkar Wasim	aub.	Auh.
16	Ruchi Bheke	(4)B	ONB.
17	Shaikh nifa Kausar	Nik	Mile.
18		D.V.K	D. N.K
19	Shreya Pramod	Elm	ah
20	Shreya Mukherjee	(13th	(Mh.
21	Aakriti Sharma	Acr	Der-



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Organizing

Student Development Program and Internship

6 days Hands on Training on

Network Security and Ethical Hacking

Dec, 2019

List of Project

Sr. no	Title of Project	Student Name	Name of faculty	Signature
01	Angry IP scanner(Windows OS)	Anagha Jadhav Roma Rai	Ujwala R	₩.
02	John the Ripper (Kali Linux)	Shaikh Nifa Damian Pillai	Suvarna C	Src
03	Demonstration of Burp Suite	Aditya Borude Sakshi Mahadik	Suvarna C	8vc
04	Keyloggers (windows OS)	Deepthi S Thrishapriya S	Kalyani P	K-Sh
05	Metasploit: for hacking windows XP system using Kali linux	Sonali Sarkar		4.9

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of

		Priyanka Paulraj	Aparna B	
06	Steganography on image using kali linux	Vineet Anant Iyer Vignesh Mudaliar	Kalyani P	15.2.
07	Steganography using windows Os using Openstego	Artha Pillai Sachi Patankar	Kalyani P	150.
08	Web vulnerability scanner :netSparkar	Nambi Yadav Arun Kumar Pandi	Ujwala R	Vjù.
09.	Network miner	Vishak Kodethur Tushant Gokhe	Suvarna C	EVC

List of Project

Sr. no	Title of Project	Student Name	Name of faculty	Certificate No.
01	Angry IP scanner(Windows OS)	Anagha Jadhav Roma Rai	Ujwala R	CR No.CE/SH2019/SDP/27 CR No.CE/SH2019/SDP/28
02	John the Ripper (Kali Linux)	Shaikh Nifa Damian Pillai	Suvarna C	CR No.CE/SH2019/SDP/29 CR No.CE/SH2019/SDP/30
03	Demonstration of Burp Suite	Aditya Borude Sakshi Mahadik	Suvarna C	CR No.CE/SH2019/SDP/31 CR No.CE/SH2019/SDP/32
04	Keyloggers (windows OS)	Deepthi S Thrishapriya S	Kalyani P	CR No.CE/SH2019/SDP/33 CR No.CE/SH2019/SDP/34



05	Metasploit: for hacking windows XP system using Kali linux	Sonali Sarkar Priyanka Paulraj	Aparna B	CR No.CE/SH2019/SDP/35 CR No.CE/SH2019/SDP/36
06	Steganography on image using kali linux	Vineet Anant Iyer Vignesh Mudaliar	Kalyani P	CR No.CE/SH2019/SDP/37 CR No.CE/SH2019/SDP/38
07	Steganography using windows Os using Openstego	Artha Pillai Sachi Patankar	Kalyani P	CR No.CE/SH2019/SDP/39 CR No.CE/SH2019/SDP/40
08	Web vulnerability scanner :netSparkar	Nambi Yadav Arun Kumar Pandi	Ujwala R	CR No.CE/SH2019/SDP/41 CR No.CE/SH2019/SDP/42
09.	Network miner	Vishak Kodethur Tushant Gokhe	Suvarna C	CR No.CE/SH2019/SDP/43 CR No.CE/SH2019/SDP/44

Certificate:



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9th Legend





CR No CE/

OF COMPLETION

This is to certify that

Mr./Ms.

has successfully completed the course on "Network Security and Ethical Hacking"

and fifteen days internship from 16th Dec to 21st Dec, 2019 held at SIES Graduate School of Technology. During internship he/she has successfully completed project titled

MS, SUVARNA CHAURE COURSE COORDINATOR DR. APARNA BANNORE HOD, CE DEPT.

DR. ATUL KEMKAR PRINCIPAL, SIES GST

MUMBAI 400 706





Organizing

Student Development Program and Internship

6 days Hands-on Training on Ethical Hacking and Security

22nd/06/20 to 27/06/20 10.00 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 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
- Web application Exploitation tools- Metasploit
- Virus and Steganography.
- ☐ Password cracking tools.
- □ SOL Injection attack and Firewall security.

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

Course Fee: No Charges

Certificate: In collaboration with 9th Legend Inc.

Internship: At the end of 6 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 a base for certificated ethical hackers, certified penetration

tester.

2 Contact for Registration: Aparna Bannore: bannore.aparna@siesgst.ac.in,

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



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: 22/06/2020

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



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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 22nd-27th July, 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)SOLinjection, 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)

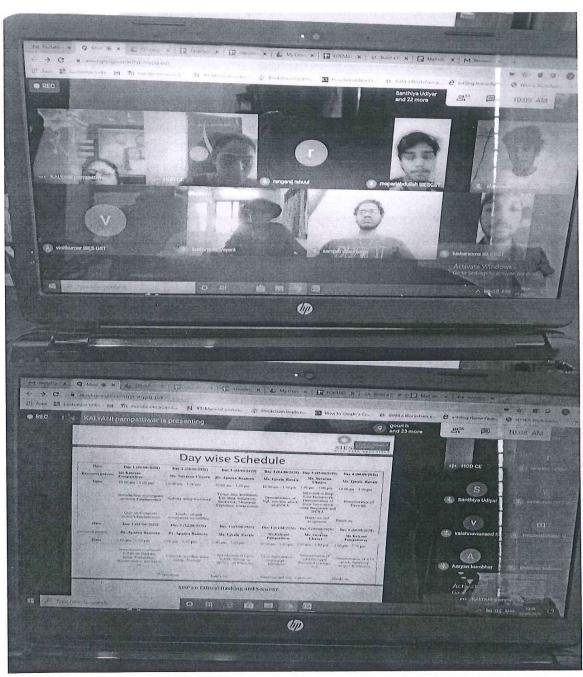
Project5: Web vulnerability scanner :netSparkar

Project6: SQLmap using Kali Linux

Project 7: Open WASP projects

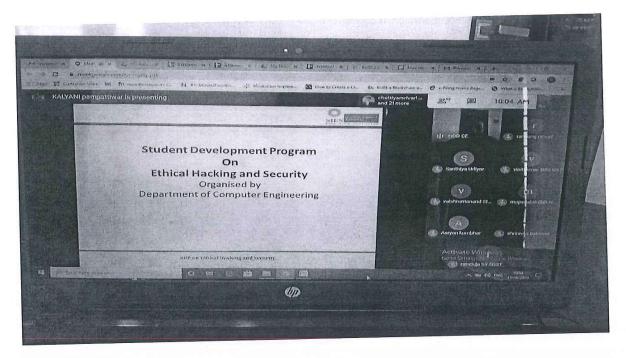
Feedback:

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

PRINCIPAL

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.





PRINCIPAL



SIES Graduate School of Technology



Department of Computer Engineering Organizes

Hands on Training on Introduction To R

16 - 21 December, 9.30 AM to 4.00 PM

Who will be benefited?

- 1. Students who want to develop project in the domain of data mining e.g. recommender system, predictive applications etc.
- 2. Students who want to enrol for higher studies in data analytics.
- 3. Students who want to join data science industry as data analyst.

Prerequisite

Background of C/C++/JAVA

Basics of statistics like mean, mode, median, regression etc

By the end of the course, the learner can:

- 1. Implement various applications using R.
- 2. Make efficient use of R packages.
- 3. Develop an end-to-end analytics solution using R language.
- 4. Workshop is followed with project based Internship.
- 5. Students will receive a certificate post successful completion of workshop and Internship.

Contact for Registration:

Prof. Pranita Mahajan Pranita.mahajan@siesgst.ac.in 9920188940

Note:

- 1. Workshop is free of cost for SIES GST students
- 2. Workshop is for second year engineering students



PRINCIPAL

	Activity				
	Introduction and preliminaries				
	System requirement				
	Installation and Understanding R Environment				
	Packages and libraries				
Day 1	Basics of R programming				
16/12/2019	Variables and operators				
	Vectors, Matrix, Objects				
	 Data management with strings 				
	 Operators in R 				
	 Decision making and looping 				
	 R Functions - Inbuilt and user defined functions 				
	Data acquisition				
	Reading file				
	 CSV, Text, Binary, Excel, XML 				
	Statistical analysis with R				
	 Measure of central tendency 				
	Mean, median, mode				
	 Variance, Skewness, Kurtosis 				
	Probability Distribution				
	Visualization with ggplot				
	 Exporting graph 				
Day 2	 Advance plot customization 				
17/12/2019	Visualization with ggplot				
17712019	 Exporting graph 				
	Advance plot customization				
	Linear Regression with R				
	Covariance and correlation and its significance				
	Purpose Regression Analysis				
Day 5	Regression model with Im in R				
18/12/2019	Multiple - Linear Regression with R				
	Type of Multiple Regression				
	Residual Analysis Callinger Regression				
	Multi - Collinear Regression				
	Logistic Regression with R				
	 Generalized Linear Model (glm) 				
Day 6	Residual Analysis				
19/12/2019	Types of Logistic Regression with R				
	Type of Logistic Regression Analysis				
	 Applications of Logistic Regression Analysis 				
	Estimating the Regression coefficient				
	Database connectivity in R				
Day 3	 Creating Tables in MySql 				
20/12/2019	 Dropping Tables in MySql 				
	 Inserting Data into the Tables 				
	Retrieving data using R				
	Web Interfacing with Shiny				
Day 4	Shiny package in R				
21/12/2019	Installing and using package Shiny R				
	Designing interactive web apps from				
	R using Shiny R				



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Rangnekar

Alpesh Anil Patil

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varun.tadpatri16@siesgst.ac.in
mahesh.prithviraj17@siesgst.ac.in
saini.gurinder17@siesgst.ac.in
pavithra.yadavar16@siesgst.ac.in
amin.vaibhav15@siesgst.ac.in
shraddha.kulkarni16@siesgst.ac.in
APURVA SAI
<apurva.sai16@siesgst.ac.in>
pranav.shreemun16@siesgst.ac.in



of



SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706



Department of Computer Engineering

Event Report

Student Development Program R Programming Workshop and Internship

Event Information

Event Type: Workshop followed by internship

Event Title: R Programming Workshop

Resource Person: Prof. Pranita M, Prof. Prachi S, Prof. Masooda M, Dr. Varhsa Patil, Prof. Anindita

Event Date: 16 – 21 Dec 2019

Organized for: Students

Organized by: CE Department

Target Audience (Branch & Nos.): Undergraduate Students

Attachments: 1. Photographs (JPEG/PNG)

2. Attendance Report

3. Feedback Report



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Event Description

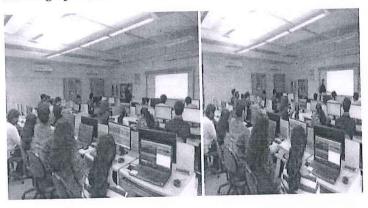
CE department faculties have conducted six days student development program followed by internship, "R programming". Program was conducted by Prof. Prachi Shahane, Prof. Pranita Mahajan, Prof. Masooda Modak, Dr. Varsha Patil and Prof. Anindita Khade.

Objective of the workshop was to bridge the gap between industry requirements and academic.

28 students attended the course and successfully developed and submitted project in a group or individually. Students completed their projects during internship in SIESGST and presented their work to CE department faculties.

Certificates were given to students on successful completion and presentation of developed applications. Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Data mining and Deep Learning.

1. Photographs (in JPEG/PNG):

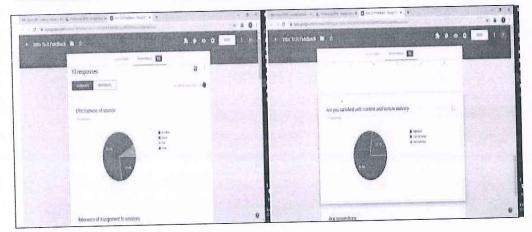




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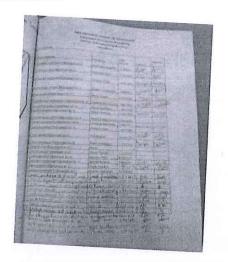
2. Attendance and Feedback Report (Scanned copy):



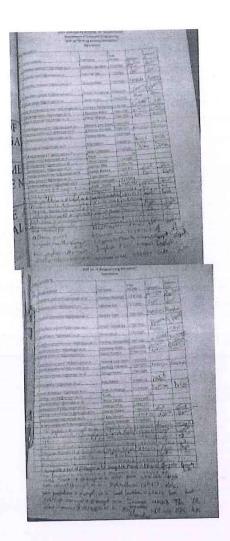




Attendance:







Feedback analysis

Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Data Mining and Deep Learning.

Impact Analysis



do

Students build applications using R and Shiny and presented it in front of panel. Workshop helped students for placements and students opted data science as area for their future year projects.



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9th Legend





CR No CE/

CERTIFICATE

OF COMPLETION

This is to certify that

Mr./Ms.

has successfully completed the course on "Introduction to R programming"

and fifteen days internship from 16th Dec to 21st Dec, 2019 held at SIES Graduate School of Technology. During internship he/she has successfully completed project titled

PROF. PRANITA MAHAJAN COURSE COORDINATOR DR. APARNA BANNORE HOD, CE DEPT. DR. ATUL KEMKAR PRINCIPAL, SIES GST



S







SIES Graduate School of Technology

Computer Engineering Department
Organizing
Student Development Program and Internship
5 days Hands on Training on
Web Development Technologies
December 4 -9, 2019, 9.30 AM to 5.00 PM



Automation is the current need in all Ecommerce field where Web development plays an important role in all aspects. Considering this objective, we will be grooming in recent web development Technologies and also providing a platform to showcase students ideas on the same.

Objectives:

This Web Development course is without a doubt the most comprehensive web development course will be taught in College. Even if student has zero programming experience, this course will take you from beginner to mastery.

Course Contents:

- HTML5
- CSS3
- JAVASCRIPT
- BOOTSRAP
- PHP
- DATABASE CONNECTIVITY
- PROJECT

Who Should Attend: Engineering Student interested in pursuing career in Web Development.

Course Fee: Free of Cost

Certificate: Yes

Internship: At the end of 5 days program participants will undergo 15 days internship covering real world projects (For ex:College/Bank Sector/Medical Sector/Insurance sector/IT Sector)

Outcomes:

• This SDP will be able to design Website and Host it on server.

Contact for Registration:

Prof.Kranti Bade: bade.kranti@siesgst.ac.in, 8169415347 Prof.Namrata Patel:namrata.patel@siesgst.ac.in,9820298932











SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706



Department of Computer Department

Event Report

SDP ON "WEB DESIGNING TECHNOLOGIES"

Event Information

Event Type: Student Development Program (SDP)

Event Title: Web Designing Technologies

Resource Person: Prof. Masooda Modak, Prof. Namrata Patel, Prof. Ujwala Ravale Prof. Kranti Bade

Event Date: 4th Dec - 19th Dec 2019

Organized for: SE Extc Students

Organized by: SIES GST Computer Dept

Target Audience (Branch & Nos.): Undergraduate Students EXTC total 25 students

Attachments: 1. Photographs (JPEG/PNG)

2. Attendance Report

3. Feedback Report



PRINCIPAL







Event Description

Computer Department of SIES GST organized and conducted a student development program on Web designing Technologies from 4th December 2019 to 19th December 2019 between 10 am to 4 pm at SIES Graduate School of Technology, Nerul.

The SDP sessions are conducted by computer department faculties. They taught web technologies in which they have covered client and server side markup and scripting languages such as HTML5,CSS3, Javascript, PHP and MYSQL Database connectivity. Students had given hands-on training sessions on every language. Students have got good exposure to web designing technologies. At the end of SDP session students have completed their website for given topic.

Total 25 participants attended the session of second year EXTC Department. The concluding remarks were given by Ms. Aparna Bannore, HOD of CE SIES GST. The session was received with admiration by the students.

1. Photographs (in JPEG/PNG):



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2. Attendance and Feedback Report (Scanned copy):



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Feedback Analysis from Google Form



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1. General impression about the content of the course? *

13 responses

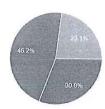


Excellent Very Good Good Good

Average Poor

2. How well did the content address your expectations? *

13 responses



Outstanding

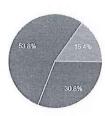
Excellent Very Good

● Good

Average @ Poor

3. How do you rate the quality of content presented? *

13 responses



Outstanding

Excellent Very Good

● Good Average

O Poor

4. How relevant was the content to your profession? *

13 responses



Outstanding

Excellent

Very GoodGood

Average

Poor



PRINCIPAL
S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY
Sri Chandrasekarendra Saraswathy Vidyapuram
Sri Chandrasekarendra Navi Mumbai 400706
Sector V, Nerui, Navi Mumbai 400706

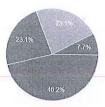






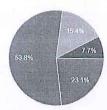
5. How do you rate the amount of content presented? *

13 responses



- Outstanding
- Excellent
- Very GoodGood
- Average
- Poor 🌑
- 6. How do you rate hands on experience of this lab session? *

13 responses



- Outstanding
- Excellent
 Very Good
- Good
- Average
- @ Poor



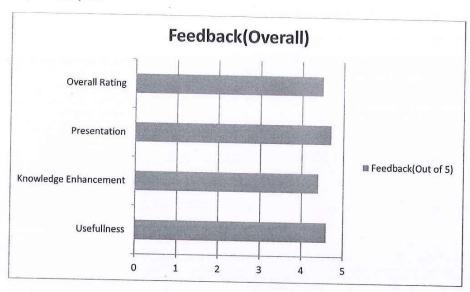
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Impact Analysis:





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Certificate





of



SIES Graduate School of Technology



Department of Computer Engineering Organizes

Hands on Training on Data Science Using R

22 - 27 June, 10 AM to 4.00 PM

Who will be benefited?

- 1. Students who want to develop project in the domain of data mining e.g. recommender system, predictive applications etc.
- 2. Students who want to enrol for higher studies in data analytics.
- 3. Students who want to join data science industry as data analyst.

Prerequisite

Background of C/C++/JAVA

Basics of statistics like mean, mode, median, regression etc

Objectives:

To bridge the gap between industry requirements and academic by providing project based internship using R

To aware students with Data Mining models and implementation in R.

Outcomes:

By the end of the course, the learner can:

- 1. Implement various applications using R.
- 2. Make efficient use of R packages.
- 3. Develop an end-to-end analytics solution using R language.
- 4. Workshop is followed with project based Internship.
- 5. Students will receive a certificate post successful completion of workshop and Internship.

Contact for Registration:

Prof. Pranita Mahajan <u>Pranita.mahajan@siesgst.ac.in</u> 9920188940

Note:

- 1. Workshop is free of cost for SIES GST students
- 2. Workshop is for all branches of engineering



As

Day wise Schedule of Workshop

Day	Activity				
Day 1 22/6/2020	Introduction with trends, applications, terminology and preliminaries System requirement Installation and Understanding R Environment Packages and libraries Basics of R programming				
22,5,200	Introduction to Basic programming structures of R Importance of R, Data Types and Variables in R, Operators in R, Conditional Statements in R, Loops in R, R script, Functions in R.				
Day 2 23/6/2020	Visualization with ggplot Introduction to Data Visualization, Types of Visualisation, Common Data Visualization Issues Data Visualization. Data Visualization using Graphics in R, ggplot2. File Formats of Graphic Outputs.				
	Statistics for DataScience Measure of Central Tendency: Mean (Arithmetic), Median, Mode, Standard deviation, Variance, Skewness, Kurtosis Probability. Distribution: Normal Distribution, Standard Normal Distribution, Standardization of Data. Data Sampling, Confidence and significance levels. Hypothesis: Null and alternate hypothesis, confidence and significance levels.				
	Regression Analysis				
Day 3 24/6/2020	Linear Regression What is Regression?, Covariance & Correlation, Features of r (correlation), Testing the significance of the correlation coefficient, Types of regression analysis, Purpose of regression analysis, Purpose of regression analysis, R2 coefficient determination, Coefficient of determination (R2) and Adjusted R2				
	Multi-Linear Regression Multiple Linear Regression, Typical Applications of Regression Analysis, Residual Analysis, Multicollinear, Hetero-skedasticity, case study with R				
	Classification				
Day 4 25/6/2020	Logistic Regression Logistic Regression Basics, Generalized Linear Model (glm), What is logistic regression?, Types of logistic regression analysis, Applications of logistic regression analysis, Prerequisite / when & why binary logistic regression. Case Study with R				
	Decision Tree What is decision tree? Why decision tree? Types of decision tree Constructing decision tree, Random forest and CART, Case Study with R				
	Clustering				
Day 5 26/6/2020	Clustering What is clustering?, When to use cluster analysis? Application of cluster analysis, Types of cluster analysis ,K means Case Study with R. Hierarchical Clustering Case Study with R				
	Association				
1-	Introduction to Association Mining, Association Rule, Apriori Algorithm, Demo Apriori Algorithms				
	Time series Analysis				
Day 6 27/6/2020	Time Series Analysis What is Time series, Components of Time Series, Techniques for forecasting- Simple Moving Average, Weighted Moving Average, Simple Exponential Smoothing, Double Exponential Smoothing, Triple Exponential Smoothing, Time Series Models Comparison, Use Cases, Industry Applications, Basic Concepts (acf, pacf, AR, MA), ARMA Model, ARIMA Model, Industry Applications and case study with R.				
	Discussion and Project Assignment				





SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706



Department of Computer Engineering

Event Report

Student Development Program Data Science with R Workshop and Internship

Event Information

Event Type: Workshop followed by internship

Event Title: Data Science with R Workshop and Internship

Resource Person: Prof. Pranita M, Prof. Prachi S, Dr. Varhsa Patil, Prof. Anindita

Event Date: 22 - 27 June 2020

Organized for: Students

Organized by: CE Department

Target Audience (Branch & Nos.): Undergraduate Students

Attachments: 1. Photographs (JPEG/PNG)

2. Attendance Report
3. Feedback Report



An

Event Description

CE department faculties have conducted six days student development program followed by internship, "Data Science with R". Program was conducted by Prof. Prachi Shahane, Prof. Pranita Mahajan, Dr. Varsha Patil and Prof. Anindita Khade.

Objective of the workshop was to bridge the gap between industry requirements and academic.

24 students attended the course and successfully developed and submitted project individually.

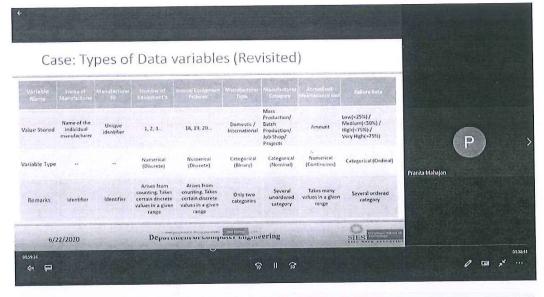
Students completed their projects during online internship by SIESGST and presented their work to CE department faculties.

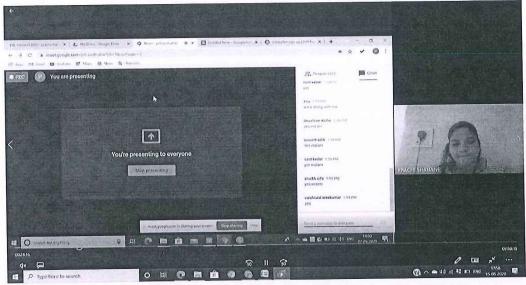
Certificates were given to students on successful completion and presentation of developed applications. Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Deep Learning.

1. Photographs (in JPEG/PNG):



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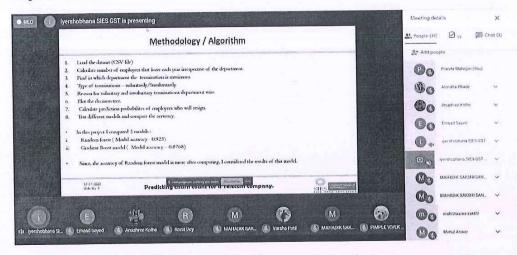




PRINCIPAL



Project Presentation



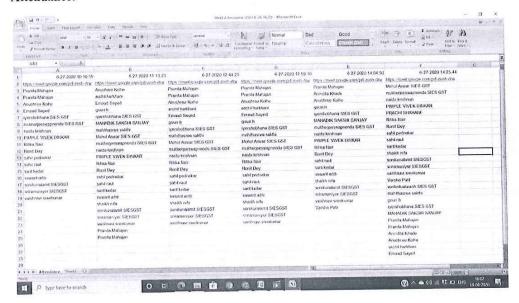


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2. Attendance and Feedback Report (Scanned copy):

Attendance:

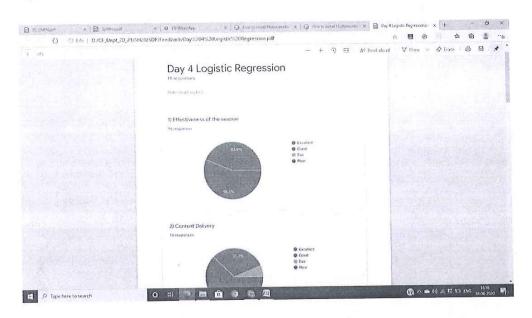


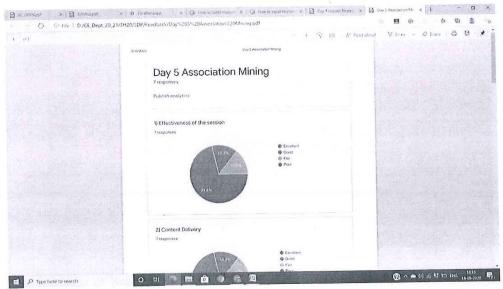




Feedback analysis

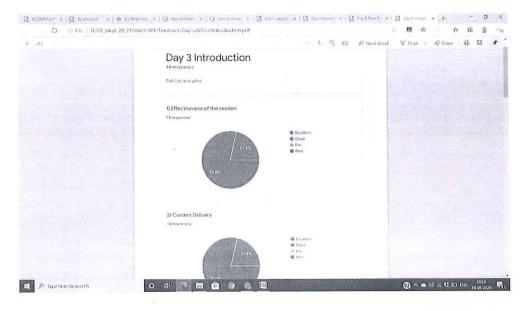
Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Deep Learning.

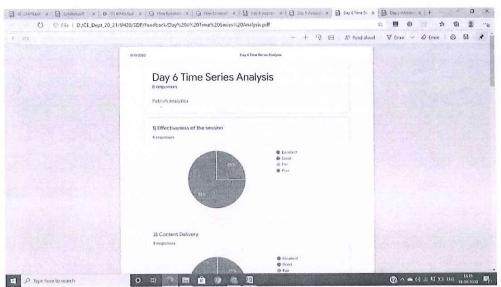






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Impact Analysis



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Students build applications using R and Shiny and presented it in front of panel. Workshop helped students for placements and students opted data science as area for their future year projects.



4



CERTIFICATE OF COMPLETION

This is to certify that

Anushree Kolhe

Has successfully completed the course

Data Science with R

from 22 June 27 June 2020 and filteen days Internship held at SIES

Graduate School of Technology. During internship he/she has successfully completed project titled COVID Data Ferenaeting

Story

Pranita Mahajan

Tus

Dr. Aparna Bannore

HEAD GE, DEFT

Dr. Atul Kemkar

I/C PRINCIPAL SIESGST





Prof. Pranjali Thakre(9730673899) pranjali.thakre@siesgst.ac.in

(1:		SCHEDULE			
Date	Day 1 (22/6)	Day 2 (23/6)	Day 3 (24/6)	Day 4 (25/6)	Day 5 (26/6)
Resource person	Prof. Praujali Thakre	Prof. Pranita Mahajan	Prof.Pranita Mahajau, Prof. Pranjali thakre	Prof. Prachi Shahaue	Dr. Rajesh Kadu
Time					710 S
10:00 to 1:00	Adavanced data types, type qualifiers, Advanced Control flow	Pointer, Double pointer, function pointers, void pointers	Dynamic Memory Allocation, Recursion	File handling	Data structure
2:00 to 4:00	Code Lite and visual studio environment	Hands on session on pointers	Hands on session on recursion and dynamic memory allocation	Hands on session on file handling	Hands on session o data structure
4:00 to 5:00	Quiz	Quiz	Quiz	Quiz	Quiz



SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Computer Department

Event Report

SDP ON "ADVANCED C"

Event Information	
Event Type: Student Development Program (SDP)	
Event Title: Advanced C	
Resource Person: Dr. Rajesh Kadu, Prof. Prachi Shahane, Prof. Pranita Mahajan, Prof. Pr Thakre	anjali
Event Date: 22 June – 26 June 2020	
Organized for: All students (FE,SE,TE)	
Organized by: SIES GST Computer Dept	
Farget Audience (Branch & Nos.): Undergraduate Students from all branches total 45 stud	ents



Attachments: 1. Photographs (JPEG/PNG)

2. Attendance Report

3. Feedback Report

Event Description

Computer Department of SIES GST organized and conducted a student development program on Advanced C from 22 June to 26 June 2020 between 10 am to 5 pm at SIES Graduate School of Technology, Nerul in Online mode.

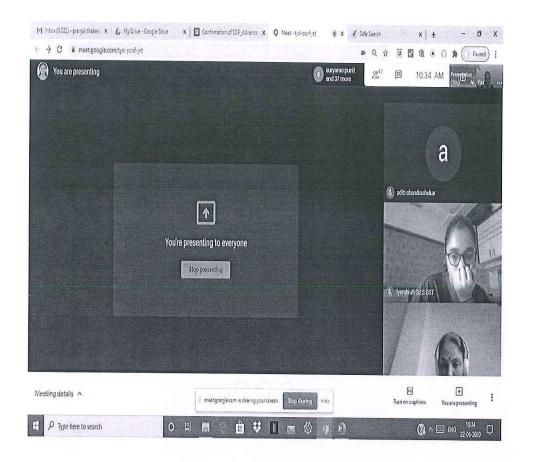
The SDP sessions are conducted by computer department faculties. They taught Advanced C in which they have covered advanced data type, type qualifiers, macros, code lite and gcc compiler environment, File handling, pointer, double pointer, void pointer, function pointer, data structure in C. Students had given hands-on training sessions on C language. Students have got good exposure to concept of advanced C. At the end of SDP session students have completed quiz and practicals.

Total 45 participants attended the session of FE,SE,TE of CE, IT, EXTC and ME branches. The concluding remarks were given by Ms. Aparna Bannore, HOD of CE SIES GST. The session was received with admiration by the students.



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1. Photographs (in JPEG/PNG):





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2. Attendance and Feedback Report (Scanned copy):

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Pranita Mahajan	Pranita Mahajan	autidisha SIES G	Pranita Mahajan	Pranita Mahajan	Anushree Kolhe	Pranita Mahajan	
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Anand Borkar	Anand Borkar	deshmukhminoti	ananyaasridhar S	Abhilash Poojary	gouri h	archil harkhani	
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Gauri Thube	Gauri Thube	lyer shiva	bhargavalshita S	atharva valdya	shaikh nifa	Mehul Aswar SIE	SGST
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nitika sanjay	nitika sanjay	Nidhish Vyas	lyer shiva	Prathamesh Gav	vas	sawant aditi	
pournima Thaka	poumima Thaka	r nitika sanjay	Nidhish Vyas	Saara Parkar		shaikh nifa	
prajyot bhoir	prajyot bhoir	pavitra pavitra	pournima Thakar	Sagar Mane		sonikunalamit SI	ESGST
prasad kulkarni	prasad kulkami	pournima Thakai	prajyot bhoir	samprit chaurasi	iya	sriramaniyer SIE	SGST
Prathamesh Gav	Prathamesh Gav	prasad kulkami	Prathamesh Gav	shindesahil SIES	GST	vaishnavi sreeku	mar
Saara Parkar	Saara Parkar	Prathamesh Gav	Saara Parkar	Shruti Iyer			
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                                              thevaresakkiappi valshnavi anand SIESGST
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                                                             pournima Thakare
nadarmegha SIE nadarmegha SIE vaishnavi anand iyershruti SIES G prajyot bhoir
Nidhish Vyas Nidhish Vyas
                             vikrant singh
                                             kadamvighnesh ! iyerkarthik SIESGST
                              vikrant singh
                                             karandegaurav S iyershruti SIES GST
                                             iyerkarthik SIESC kadamvighnesh SIESGST
                              prajyot bhoir
                              Pranita Mahajan
                                                             nadarmegha SIESGST
                              aakansharamesh SIES GST
                                                             Nidhish Vyas
                              Anand Borkar
                                                             nitika sanjay
                              Pranita Mahajan
                                                              nharat richi
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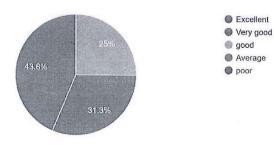
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Pranjali Thakre: int main()
         // String Initialization
         char a[]
                 = "Hi 1234, "
                 " Welcome to SDP";
        identify_alpha_numeric(a);
00:10:14,418,00:10:17,418
prajyot bhoir: yes
00:10:35.399,00:10:38.399
iyershruti SIES GST: done
00:17:16.188,00:17:19.188
Pranjali Thakre: #include <stdic.h>
// Header file containing character functions
#include <ctype.h>
char* identify_convert_ul(char a[])
        int count_upper = 0, count_lower = 0,i;
for (i = 0; a[i] != '\0'; i++) [
                 // To check the uppercase characters
                 if (isupper(a[i])) {
                         count_upper++;
a[i] = tolower(a[i]);
                 // To check the lowercase characters
                 else if (islower(a[i])) {
                         count lower++;
                         a[i] = toupper(a[i]);
```



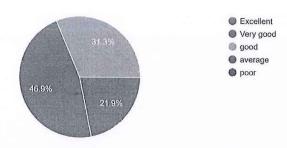
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Feedback Analysis from Google Form

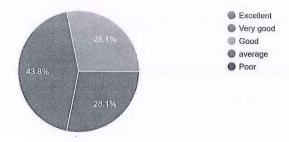
1. General Impression about the content of the course ? $_{\rm 32\,responses}$



2. How well did the content address your expectation? 32 responses



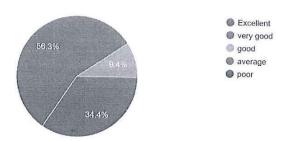
3. How do you rate the quality of content presented? 32 responses



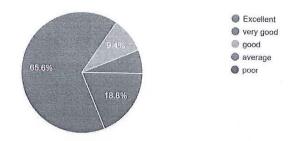


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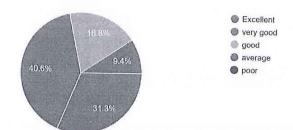
4. How relevant was the content to your profession? 32 responses



5. How do you rate the amount of content presented? 32 responses



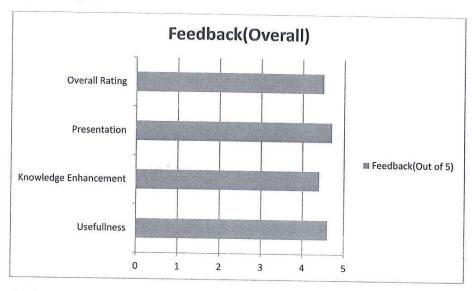
6. How do you rate hands on experience of this lab session? 32 responses





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Impact Analysis:



Student List

S.N	Name	Roll No	Div	Year
1	Aakansha Ramesh	119A3001	E	FE
2	Swaranjali Jadhav	119A3049	E	FE
3	Gauri Thube	119A3052	E	FE
4	Rutujeet Falmare	119A1065	D	FE
5	Esakkiappan Thevar	119A1092	D	FE
6	Vignesh Kadam	119A1095	D	FE
7	Minoti Deshmukh	119A1018	С	FE
8	Shruti Iyer	119A1028	С	FE
9	Ananya .L	119A1008	С	FE
10	Ananyaa .S	119A1009	С	FE
11	Samprit Chaurasiya	119A1016	С	FE
12	Anand Borkar	119A1015	С	FE
13	Prathamesh Gawas	119A1024	С	FE
14	Prasad Kulkarni	117A2052	Α	TE
15	Suyash karwande	117A2049	Α	TE
16	Pournima Thakare	119A1059	D	FE
17	Vaishnavi Anandakrishnan	119A1094	D	FE
18	Sneha Shaji	119A1083	D	FE
19	Megha Nadar	119A1050	D	FE



As

20	Nidhish Vyas	119A3058	E	FE
21	Prajyot Bhoir	119A3011	Е	FE
22	Sahil Shinde	119A3047	E	FE
23	Esha Bawaskar	119A1022	С	FE
24	Ishita Bhargava	119A1026	С	FE
25	Karthik Iyer	119A1027	С	FE
26	Sagar Mane	118A2059	А	SE
27	Shruti Iyer	119A3022	E	FE
28	Anushka Tawte	119A1090	С	FE
29	Rishi Gharat	119A1063	С	FE
30	Vikrant Singh	118A2106	В	SE
31	Vaibhav Singh	118A2105	В	SE
32	Soham Sheth	118A3054	Е	SE
33	Saarabi Parkar	118A3034	Е	SE
34	Pavitra Venkatraman	118A3036	E	SE
35	Harsh Goyal	118A1025	С	SE
36	Abhishek Singh	119A3004	E	FE
37	Disha Auti	119A3014	E	FE
38	Atharva Vaidya	118A1091	D	SE
39	shiva iyer	118A6013	F	SE
40	Punit Suryarao	118A2107	В	SE
41	Nitika Mhatre	118A2061	В	SE
42	Abhilash Poojary	118A2084	В	SE.

Internship Project

S.N	Name	Roll No	Div	Year	Project idea	
1	Aakansha Ramesh	119A3001	E	FE		
2	Swaranjali Jadhav	119A3049	E	FE		Prof. Pranjali Thakre
3	Gauri Thube	119A3052	E	FE	quiz related to corona virus	The state of the s
4	Rutujeet Falmare	119A1065	D	FE		
5	Esakkiappan Thevar	119A1092	D	FE		Prof. Prachi shahane
6	Vignesh Kadam	119A1095	D	FE	Movie ticket booking	
7	Minoti Deshmukh	119A1018	С	FE		
8	Shruti Iyer	119A1028	С	FE		
9	Ananya .L	119A1008	С	FE		Prof. Prachi shahane
10	Ananyaa .S	119A1009	С	FE	Scientific calculator	The state of the s
11	Samprit Chaurasiya	119A1016	С	FE		
12	Anand Borkar	119A1015	С	FE		Prof.Pranjali Thakre
13	Prathamesh Gawas	119A1024	С	FE	E-Restaurant	7
14	Prasad Kulkarni	117A2052	Α	TE		
15	Suyash karwande	117A2049	Α	TE	Snake Game	Prof. Prachi shahane
16	Pournima Thakare	119A1059	D	FE		
17	Vaishnavi Anandakrishnan	119A1094	D	FE		
18	Sneha Shaji	119A1083	D	FE		Dr. Rajesh Kadu
19	Megha Nadar	119A1050	D	FE	Pandemic Data Handling	

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	0 Nidhish Vyas	119A3058	E	FE		
2	1 Prajyot Bhoir	119A3011	E	FE		
	Sahil Shinde	119A3047	E	FE	Phone Book Application	Prof. pranita Mahajan
	B Esha Bawaskar	119A1022	С	FE	Titolie Book Application	
24	Ishita Bhargava	119A1026	C	FE	-	
25	Karthik lyer	119A1027	С	FE	Library management	Prof. pranita Mahajan
26	Sagar Mane	118A2059	A	SE	Wage Calculator	
27	Shruti Iyer	119A3022	E	FE	vvage calculator	Dr. Rajesh Kadu
28	Anushka Tawte	119A1090	C	FE	-	-0.4
29	Rishi Gharat	119A1063	C	FE	Hanaman	Prof. pranita Mahajan
30	Vikrant Singh	118A2106	В	SE	Hangman game	
31	Vaibhav Singh	118A2105	В	SE	Employer M.	Prof. Prachi shahane
32	Soham Sheth	118A3054	E	SE	Employee Management System	
33	Saarabi Parkar	118A3034	E	SE		
34	Pavitra Venkatraman	118A3036	E	SE	Inventer	Prof. Pranjali Thakre
35	Harsh Goyal	118A1025	c	SE	Inventory management	
36	Abhishek Singh	119A3004	E	FE	Student Management System	Prof. pranita Mahajan
37	Disha Auti	119A3014	E	FE	Colondar A. E. C.	
38	Athawa Vaidya	118A1091	D	SE	Calendar Application	Dr. Rajesh Kadu
39	shiva iyer	118A6013	F	SE	- Diana	
			-1'	SE	Dictionary using trees	Prof. Pranjali Thakre
40	Punit Suryarao	118A2107	В	SE	- ×	
	Nitika Mhatre	118A2061	В	SE	audalu t	
42	Abhilash Poojary	118A2084	В	SE.	sudoku solver	Prof. Pranjali Thakre



CERTIFICATE



CR No: CE/FH2020/ETH01

OF COMPLETION

THIS IS TO CERTIFY THAT

Mr./Ms. Aakansha Ramesh

has successfully completed the course on "Advanced C"

and fiteen days internship from 22nd June to 4th July held at SIES Graduate School of Technology. During internship he/she has successfully completed project titled <u>Quiz Related to Corona Virus</u>

Brhake

MS. PRANJALI THAKRE SDP COORDINATOR.

DR. APARNA BANNORE HEAD, CE DEPT.

DR, ATUL KEMKAR PRINCIPAL SIES GST,

NERUL NAVI NERUL NAVI NAVI NO 706.

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SIES Graduate School of Technology



Department of Computer Engineering **Organizes** Hands on Training on Advanced HTML and Web Technology 08/06/20 to 13/06/20 10.00 AM to 4.00 PM

Who will be benefited?

- 1. Students who want to develop Website projects in the domain of Web Technologies e.g. for E-Commerce Website, Online Service providers websites etc.
- 2. Students who want to build their career in Web applications development.
- 3. Students who want to join industries which works on latest web technologies.

Prerequisite

Background of HTML basics.

Basics of Client - Server architecture of www.

Course Objectives:

- 1. To bridge the gap between industry requirements and academic by providing project based internship using latest web technologies.
- 2. To aware students with advanced dynamic website development technologies .

Course Outcome:

By the end of the course, the learner can:

- 3. Implement various Web applications using various Advanced HTML Tags, CSS to make web pages attractive and.
- 4. Developing User friendly webpages using Javascript programming .
- 5. Develop Server side programs using PHP and MYSQL.
- 6. Workshop is followed with project based Internship.
- 7. Students will receive a certificate post successful completion of workshop and Internship.

Contact for Registration:

- 1. Prof. Namrata Patel namrata.patel@siesgst.ac.in 9820298932
- 2. Prof. Kranti Bade: bade.kranti@siesgst.ac.in 8169415347

Note:

- 1. Workshop is free of cost for SIES GST students
- 2. Workshop is for all branches of engineering

Sri Chandrasekarendra Saraswathy Vidyapuram Sector V, Nerul, Navi Mumbai - 400706



ау	Activity Tables Images Forms
	Getting Started with HTML: Lists, Paragraphs, text styling, Tables, Images,Forms,
	Audio and Video Controls Physical and Logical Tags , HTML 5 tags
	Introduction to CSS: Internal, external CSS, element ,id, Class Selectors, Fonts , Color
Day 1	
8/6/2020	, Background and Borders.
Day 2	Intermediate CSS: Padding, Margins, Rows and Columns ,Box Model Advanced CSS:
Day 2 9/6/2020	Building the Navbar, Making Navbar Mobile responsive, Working with iframes,
	Working with Images box shadows, Working with text and image spacing, Working
	with header and footer
	JAVASCRIPT
D-11 2	Javascript: variables & strings, numbers, arrays, loops, functions, objects,
Day 3 10/6/2020	Javascript. Variables & strings,
	Client side scripting such as form validations.
	Chefft side scripting such as re-
	BOOTSTRAP
Day 4	Basic Set up of Bootstrap- Understanding Bootstrap Components, Working with
11/6/2020	Grid System
	1. Creating a Login portal using Bootstrap. 2.Displaying the same data with
	different templates, Use a Bootstrap modal
	Github
	Github Repository Git Basics, How Version controls, Local and Remote Repositorie
D-11-F	
Day 5 12/6/2020	
12/6/2020	PHP Basics
	PHP: Basic programming constructs, Arrays, functions, GET POST methods, Serve
	side scripting
	MYSQL
	MYSQL Database Basics and SQL queries
	PHP - Server Side Scripting , MYSQL Database Connectivity
Day 6 13/6/2020	Project Discussion – Website Development



of





SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Computer Department

Event Report

SDP ON "ADVANCED HTML AND WEB TECHNOLOGIES"

Event Information

Event Type: Student Development Program (SDP)

Event Title: Advanced Html And Web Technologies

Resource Person: Dr. Varsha Patil, Prof. Masooda Modak, Prof. Namrata Patel, Prof. Ujwala Ravale

Prof.Kranti Bade

Event Date: 22 June - 2020

Organized for: FE, SE, Students of all branches

Organized by: SIES GST Computer Dept

Target Audience (Branch & Nos.): UG Students 56 FE and SE students from CE,IT and EXTC

Attachments: 1. Photographs (JPEG/PNG)

2. Attendance Report

3. Feedback Report







Event Description

Computer Department of SIES GST organized and conducted a student development program on Advanced HTML and Web technologies from 22nd June 2020 to 29th June 2020 between 10 am to 4 pm daily through online platform at SIES Graduate School of Technology, Nerul.

The SDP sessions are conducted by computer department faculties. The course contents designed by faculties and reviewed from external industry experts. During the course students learned complete web development process. Students learned core concepts of front end and backend programming using HTML5, CSS, Javascript, PHP and MySQL. The have also been taught advanced web technologies like Bootstrap, Github repositorie etc. At the end of SDP session students have designed their website for given topic.

Total 56 participants attended the session from SE, TE of CE, IT and EXTC Department. The concluding remarks were given by Dr. Aparna Bannore, HOD of CE SIES GST. The session was well received with admiration by the students.

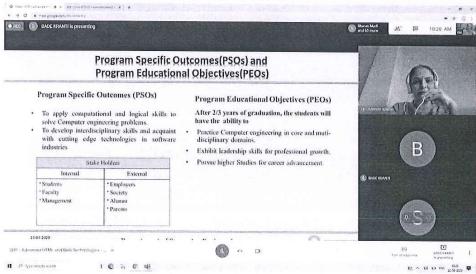


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1. Photographs (in JPEG/PNG):







of





2. Attendance and Feedback Report:

Sr. No	Name	Roll no	Branch	Division
1	Ria Sharma	117A3051	IT	E
2	Dhanvi Mange	119A3013	IT	Е
3	Divyalaxmi Thiruganan	119A3015	IT	Е
4	Madhuri Ramakrishnan	119A3032	IT	Е
5	Mahitha Vaidyanathan	119A3054	ΙΤ	Е
6	Shweta Pai	219A3069	IT	Е
7	Arth Sangvai	117A1064	CE	D
8	R karthik	117A1064	CE	D
9	Varun Shinde	119A1075	CE	D
10	Prapthi Shetty	119A1074	CE	D
11	Snehal Jadhav	119A1084	CE	D
12	Sruthisri Venkateswaran	119A1088	CE	D
13	Abiram Sudhakar	118A1002	CE	С



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14	Tejas Sawant	118A1075	CE	D
15	Pritamsunder Idayakumar	118A1064	CE	D
16	Amit Sabkale	118A1070	CE	D
17	yash Ghildiyal	118A2027	EXTC	A
18	shubham chavan	118A2015	EXTC	A
19	Namit Naik	117A2070	EXTC	В
20	Shubham Rane	117A2082	EXTC	В
21	Akashsai Rajaram	118A1005	CE	С
22	Nikhitha Jayaprakash	118A1058	CE	D
23	Mahalakshmi Thevar	118A1088	CE	D
24	Sharan Murli	117A1073	CE	D
25	Poorva Chaudhary	118A2014	EXTC	А
26				
	Divya Kamila	118A2018	EXTC	А
27	Vaishnavi Mantri	118A3025	IT	E
28	Malvika Selvan	118A3052	IT	Е
29	Melvina Michael	118A3027	ΙΤ	Е
30	Anushika Bala	119A1012	CE	С
31	Aakanksha Bhatt	119A1001	CE	С
32	Rahuul Rangaraj	118A1066	CE	D
33	Santhiya Udiyar	118A1090	CE	D
34	Atharva Surve	118A1086	CE	D
35	Lakshmi Suryanarayan	118A1039	CE	С
36	Usha Konar	118A1035	CE	С
37	Sandhiya Kanthakumar	118A1031	CE	С
38	Divhya Gnanasekar	118A1021	CE	С
39	Shrinidhi iyengar	119A3020	ΙΤ	E
40	Kaushik shridhar	119A1036	CE	С
41	Shinit shetty	119A1076	CE	D



of



42	Kunal soni	119A1038	CE	С
43	shaikh Mohammed Usama	119A1072	CE	D
44	Dhruv R Suvarna	119A2015	EXTC	A
45	Darshan Sonawane	119A2012	EXTC	A
46	Niraj Devale	119A2051	EXTC	Α
47	Aftab Mansoori	118A3024	IT	E
48	Anirudh Belwadi	118A1012	CE	С
49	Ashwath Nambiar	118A3033	IT	E
50	Ashwin Nair	118A3031	IT	Е
51	Rohit Sartandel	118A3049	IT	E
52	Varun Sreedhar	118A1092	CE	D
53	Sanjana Kumar	118A1073	CE	D
54	Srikrishna Veturi	118A1093	CE	D
55	Sachi Patankar	219A1103	CE	D
56	Artha Pillai	219A1100	CE	D

Feedback Analysis from Google Form

1. General impression about the content of the course?

39 responses



1. Outstanding

2. Excellent

3. Very Good

4. Good

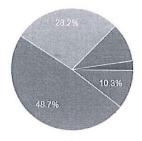
5. Average



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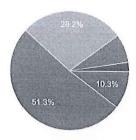


- 2. How well did the content address your expectations ?
- 39 responses



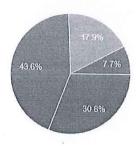
- 1. Outstanding
- 2. Excellent
- 3. Very Good
- 4. Good
- 5. Average

- 3. How do you rate the quality of content presented?
- 39 responses



- 1. Outstanding
- 2. Excellent
- 3. Very Good
- 4. Good
- 5. Average

- 4. How relevant was the content to your profession?
- 39 responses



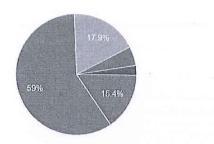
- 1. Outstanding
- 2. Excellent
- 3. Very good4. Good
- 5. Average



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- 5. How do you rate the amount of content presented?
- 39 responses

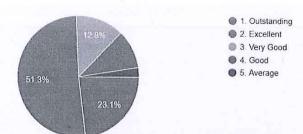


3. Very Good4. Good

1. Outstanding2. Excellent

5. Average

- 6. How do you rate hands on experience of this lab session?
- 39 responses

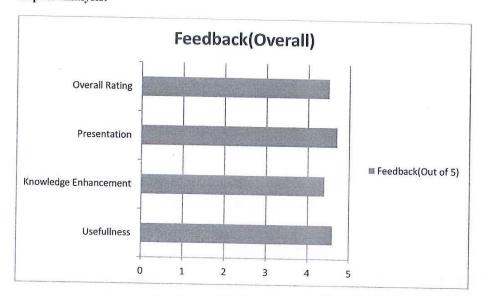




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Impact Analysis:





CERTIFICATE



OF COMPLETION

THIS IS TO CERTIFY THAT

Mr./Ms. Ria Sharma

has successfully completed the course on "Advance HTML and Web Technologies"

and fiteen days internship from 22nd June to 4th July held at SIES Graduate School of Technology. During internship he/she has successfully completed project titled Music Website

MS, NAMRATA PATEL SDP COORDINATOR

DR. APARNA BANNORE HEAD, CE DEPT.

DR. ATUL KEMKAR PRINCIPAL SIES GST.



PRINCIPAL



SIES Graduate School of Technology

Department of Computer Engineering Organizes

I

Hands on Training on Software Design

16 - 21 Dec, 10 AM to 4.00 PM

Who will be benefited?

Students who want to learn skills necessary for software design.

Prerequisite Data Structures

Objectives:

- To be able to formulate the problem by abstracting the data models, functional models of a given software design problem.
- 2. To be able to identify constraints, generate and evaluate alternative solutions based on a given constraints.
- 3. Explain the behaviour of a system using UML activity diagrams.
- 4. To create comprehensive and cohesive software conceptual design.
- 5. Evaluate the existing software design architecture.

Outcomes:

By the end of the course, the learner can:

- 1. To generate good quality software design architecture
- 2. To be able to link various UML diagrams and test for effectiveness

Contact for Registration:

Dr. Deepti Reddy deepti.reddy@siesgst.ac.in 9323420286

Note:

- 1. Workshop is free of cost for SIES GST students
- 2. Workshop is for all branches of engineering



Day wise Schedule of Workshop

Day	Activity
Day 1 16/12/2020	Software design process In this module you will learn the phases of software design and the skills to be applied to formulate problem, generate alternative solutions, evaluate based on constraints and select.
Day 2 17/12/2020	Object Oriented Analysis of Complex Problems using UML
	In this module you will learn how to create a conceptual model of any system, know in which situations conceptual modelling is efficient and when and how to apply it successfully.
Day 3 18/12/2020	UML Architecture Diagrams
	In this module you will learn about software architecture. You will learn why architecture is important, what perspectives need to be considered, and how to communicate architecture using UML
Day 4 19/12/2020	Software conceptual design
	In this module you will learn to think and link different functions, behaviors and structures in design problem contexts, and apply this thinking in creating software designs.
Day 5 20/12/2020	Software architecture quality evaluation
	In this module you will learn the relationship between different design diagrams by tracin different scenarios in the design.
Day 6 21/12/2020	Discussion and Project Assignment



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SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706



Department of Computer Engineering

Event Report

Student Development Program Software Design

Event Information

Event Type: Workshop followed by internship

Event Title: Software Design and Internship

Resource Person:

Dr. Deepti Reddy (Associate Professor, SIESGST)

Mr. Prajish P (Research Scholar, IITB)

Ms. T.G. Lakshmi (Research Scholar, IITB)

Prof. Sunil K Punjabi (Assistant Professor, SIESGST)

Event Date: 16 - 21 December 2020

Organized for: Students

Organized by: CE Department

Target Audience (Branch & Nos.): Undergraduate Students

Number of students registered-23

Number of students completed the course-21

Attachments: 1. Photographs (JPEG/PNG)

2. Attendance Report

3. Feedback Report

4. Sample certificate



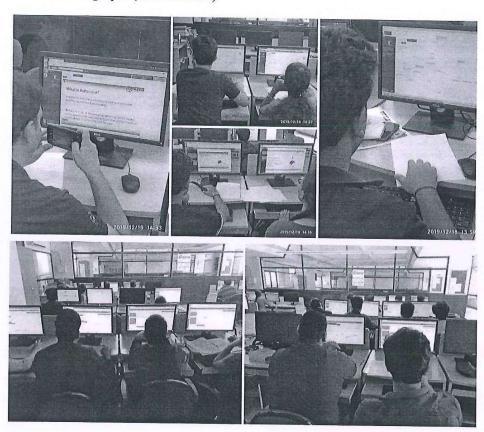
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Event Description

What skills do graduating students require when they enter the software industry? This is a pertinent question, especially in India where around 1.6 lakh students with a computer science degree enter the job market every year. To address this need, this course is designed to guide novices to learn the skills that are essential for a good software designer to solve complex software design problems.

Certificates were given to students on successful completion and presentation of developed applications. Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on software design.

1. Photographs (in JPEG/PNG):





of





of the



Introduction

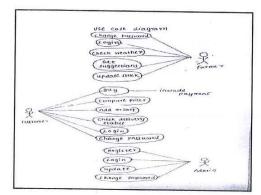
- Abstract. Farming is the Prime Occupation in India in spite of this, today the people involved in farming belongs to the lower class and is in deep poverly. The Advanced exchiques and the Automated machines which sold the world to new heights, is been lagging when it is considered that would be the heights of awareness of the advanced facilities or the unavoilable; the lack of awareness of the advanced facilities or the unavoilable; the lack of awareness of the advanced facilities or the unavoilable; the lack of awareness of the advanced facilities or the unavoilable; the lack of awareness of the advanced facilities or the unavoilable that the lack of the lack of the work of the services of the services of the services of the lack of the la

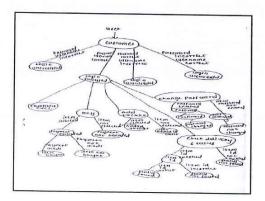
Why this system is required?

- Unawareness among farmers about the type of crop they should sow for maximum yield, due to lack of information and technological resources.
- It gives recommendation to the farmer of a particular region regarding which crop to grow at the current time for maximum profit and better yield.
- It can be built by using the dataset that had values about district wise, season wise crop yield for the past 15 years for training

Requirements of the system

- Check weather
- Get suggestions
- Update stock
- Compare prices
- Check delivery status Register
- Login
- Update
- Buy
- Addto cart







2. Attendance and Feedback Report (Scanned copy):

Attendance:

Number of students registered- 23 Number of students completed the course- 21

List of registered students-

Name		College	1 5 1 15 00
Yameei	ni Mahadev Mhaske	Pillai College Of Engineering,Panvel	
Adyash	a Rama Chandra Mishra	SIES Graduate School of Technology	
Shreya	s Ravindran Challiyil	Pillai College Of Engineering . New Panyel	
Mayur	Gopan	Pillai College Of Engineering , New Panvel	
Nikhil S	Sabe	SIES Graduate School of Technology	
UDIYA	R SANTHIYA RAMESH	SIES Graduate School of Technology	
Thevar	Mahalakshmi Murugan	SIES Graduate School of Technology	
Surya I	Krishna	SIES Graduate School of Technology	
YAGNI	ESH NARAYANAN	SIES Graduate School of Technology	
ANANI	OTEERTHA RAO	SIES Graduate School of Technology	100
Shreya	Khare	SIES Graduate School of Technology	
mahith	a sree	SIES Graduate School of Technology	
, SHAR	AN MURLI	SIES Graduate School of Technology	
Parule	kar Girish Gunaji	SIES Graduate School of Technology	
Suinv	Banerjee	Terna Engineering College	
	a Nishant Shreegopal	SIES Graduate School of Technology	
Kaush	Jbh Langade	Terna College Of Engineering.	-
Kedar		SIES Graduate School of Technology	
NIKHI	THA JAYAPRAKASH	SIES Graduate School of Technology	
Athan	va Vaidya	SIES Graduate School of Technology	
Tanui	Palaspagar	Terna Engineering College	
	Shinde	SIES Graduate School of Technology	



List of students completed successfully-

SIES Graduate School of Technology, Nerul Software Design Workshop	SIE
A CONTRACTOR DESIGN WORKSHOP	27.5

Group No.	Name	De De Company	1/4/2020
Group 1 *	Mayur Gopan	Project title	Sign
	Sujoy Banerjee	Sour Ain An	Hazon
SA STANIS	Shreyas C R	NOMEN EMPETY APP	Buple
Group 2 •	Tanuj Palaspagar	Drop con	slavy-
	Kaustubh Langade	CONTRACTOR COPING SYSTEM &	-16-
Group 3	Sharan Murli	E - U SERVICES FOR DISCONIETE	TO 3051:
	Girish Gunaji Parulekar	DEPILESION COPIND SYSTEM & COUNSELLING SERVICES FOR MENTAL E-Healthcare system	Bhr
	Ratish Shinde		da
Group 4	Nikhil Sabe	Calal	75.71.
	Udiyar Santhiya Ramesh	Safety App	Nike
	Thevar Mahalakshmi Murugan		Maria
Group 5 #	Kedar Sant		19
	Suyra Krishna		Pider
	Sharma Nishant Shreegopal		Sury
Group 6	Yagnesh Narayanan	Movie Maker's task	Yelest
	Anandteertha Rao	manager	And
Group 7	Atharva Vaidya	· · · · · · · · · · · · · · · · · · ·	Julya
Chroup7	Shreya Khare	Safety and Security System	Lhare
Group 0	Nikhitha Jayaprakash	J Court of Stem	Rie
Troup 8 .	Adyasha mishra	farmer's Portal	Circum Sie
	Mahitha sree Sakthi Kumar		lli



Feedback analysis

C		File Edit View Insert Fo				s seconds ago				A Share	
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Impact Analysis

The workshop ended with a Skype interaction with Prof. Sridhar Iyer and workshop participants. Students gave insightful responses when asked to reflect on what they learnt during the workshop. They appreciated the need for such a workshop and said that it gave them a new understanding of what software design entails. They realized the method of approaching software design problems is as important as finding the solution. They also said that the strategies and techniques they learnt would be useful in approaching design problems in the future.

Overall, the workshop was a good learning experience for us, as this was our first workshop where several learning environments were packaged in a multi-day workshop. We wish to conduct similar software design workshops as well as workshops which target other thinking skills like troubleshooting and computational thinking.

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SIES Graduate School of Technology, Nerul

Department of Information Technology

Presents Two Weeks Student Development Program on Skill Development Training

June, 15 to 26, 2020

(10:30 AM -12:30 PM and 1:30 PM -3:30 PM)



This student development program is meant to brush up the basic concepts of Programming in JAVA, Database Management System, Data Structures and other important subjects from placement point of view. Also quantitative aptitude will be covered along with practice tests. At the end of this SDP, students will complete one project as an internal internship.

Objectives

- Revise basics of Programming in JAVA, DBMS and Data Structures.
- Train students for quantitative aptitude
- Conduction of Practice Tests
- Implementation of an application using any of the advance technologies.

Course Contents

- Module 1: Object Oriented concepts and Programming with JAVA
- Module 2: Fundamental Concepts in Database Management Systems, SQL
- Module 3: Data Structures such as Stacks, Queues and linked lists, collections. Algorithms and complexity
- Module 4: Aptitude Training
- Module 5: Mini Project Implementation

Resource Persons

Prof.Savita Lohiya

Prof. Saritha L.R.

Prof. Stuti Ahuja

Prof. Amit Pandhare

Who Should Attend

Any students from TE and BE - IT/CE/EXTC

Registration Fees

Course Fees: FREE

(Cost of certificate will be applicable)

Registration Link: https://forms.gle/QA2qbUZA9QxwjDJU6

Contact for Registration

Prof. Stuti Ahuja

Mobile 9370997412

Email ID: ahuja.stuti@siesgst.ac.in

Prof. Amit Pandhare

Mobile 9860712712

Email ID: amit.pandhare@siesgst.ac.in (



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SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Information Technology <u>Event Report</u>

SDP on Skill Development Training

(June 15-26, 2020)

Event Information

Event Type: Student Development Program

Event title: Skill Development Training

Resource Person: 1. Prof. Savita Lohiya

Prof. Saritha L.R.
 Prof. Stuti Ahuja
 Prof. Amit Pandhare

Event date: June 15-26, 2020.

From: 10:30 AM

To: 3:30 PM

Organized for: Students (TE/BE – IT/CE/EXTC)

Organized by: IETE Students' Forum

Target audience (branch & nos.): 20 Students from TE/BE – IT/CE/EXTC

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback

4. Impact Analysis



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Event Description

IETE Students' Forum of SIES Graduate School of Technology, Nerul, conducted a student development program on Skill Development Training. It was conducted by Prof. Savita Lohiya, Prof. Saritha L.R., Prof. Stuti Ahuja and Prof. Amit Pandhare from June 15-26, 2020 for the Students of TE/BE IT/CE/EXTC.

This Student development program was divided into five modules, Module one was Object Oriented concepts and Programming with Java in which basic concept of java taken which are important for placement point of view like inheritance, polymorphism, classes and objects are taken. In second module fundamental concepts in Database Management Systems and SQL is taken.

In third module basic data stature concept such as stacks, Queues, linked lists, collections are taken. In this module advanced concept like Algorithms and Complexity is also taken which is very important topic from placement point of view. Fourth module is dedicated for Aptitude training which is very important topic for placements. In this module different practice session is organized for students.

The last of the session was focused on case mini project where each students have to complete mini project at Home and give online presentation.

1. Photographs/Screenshots: (Glimpse of a session conducted through Google Meet)





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SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Information Technology SDP On Skill Development Training

Attendance

1. Attendance report (Day wise attendance recorded through Google Forms)

Day 1 - 15/06/2020

Sr.no	Roll No.	Name
1	117A3049	Geeta Seshapalli
2	117A3061	Vishodhan krishnan
3	218A3075	Dev Thakkar
4	218A3076	Krishna Tiwari
5	117A3060	Rahul thorat
6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1029	Vineet Anant iyer
11	118A1084	Shreya Khare

Day 2 - 16/06/2020

Sr.no	Roll No.	Name
1	117A3049	Geeta Seshapalli
2	117A3061	Vishodhan krishnan
1003	218A3075	Dev Thakkar

4	218A3076	Krishna Tiwari
5	117A3060	Rahul thorat
6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1029	Vineet Anant iyer
11	118A1084	Shreya Khare

Sr.no	Roll No.	Name
1	117A3049	Geeta Seshapalli
2	117A3061	Vishodhan krishnan
3	218A3075	Dev Thakkar
4	218A3076	Krishna Tiwari
5	117A3060	Rahul thorat
6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1029	Vineet Anant iyer
11	118A1084	Shreya Khare

Day 4 - 18/06/2020

	Sr.no	Roll No.	Name
	1	117A3049	Geeta Seshapalli
	2	117A3061	Vishodhan krishnan
ZH001	3	218A3075	Dev Thakkar
NERUL NAVI	TE TE	218A3076	Krishna Tiwari
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5	117A3060	Rahul thorat
6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1029	Vineet Anant iyer
11	118A1084	Shreya Khare

Day 5 - 19/06/2020

Sr.no	Roll No.	Name
1	117A3049	Geeta Seshapalli
2	117A3061	Vishodhan krishnan
3	218A3075	Dev Thakkar
4	218A3076	Krishna Tiwari
5	117A3060	Rahul thorat
6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1029	Vineet Anant iyer
11	118A1084	Shreya Khare

Day 6 - 22/06/2020

Sr.no	Roll No.	Name		
1	117A3049	Geeta Seshapalli		
2	117A3061	Vishodhan krishnan		
3	218A3075	Dev Thakkar		
4	218A3076	Krishna Tiwari		
00150F	117A3060	Rahul thorat		

6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1029	Vineet Anant iyer
11	118A1084	Shreya Khare

Day 7 - 23/06/2020

Sr.no	Roll No.	Name
1	117A3049	Geeta Seshapalli
2	117A3061	Vishodhan krishnan
3	218A3075	Dev Thakkar
4	218A3076	Krishna Tiwari
5	117A3060	Rahul thorat
6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1029	Vineet Anant iyer
11	118A1084	Shreya Khare

Day 8 - 24/06/2020

Sr.no	Roll No.	Name	
1	117A3049	Geeta Seshapalli	
2	117A3061	Vishodhan krishnan	
3	218A3075	Dev Thakkar	
4	218A3076	Krishna Tiwari	
SHOOL	117A3060	Rahul thorat	
6 RUL	117A3001	Abhilash Nayak	

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7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1084	Shreya Khare

Day 9 - 25/06/2020

Sr.no	Roll No.	Name
1	117A3049	Geeta Seshapalli
2	117A3061	Vishodhan krishnan
3	218A3075	Dev Thakkar
4	218A3076	Krishna Tiwari
5	117A3060	Rahul thorat
6	117A3001	Abhilash Nayak
7	117A3047	Dharmesh Saraiya
8	118A1058	Nikhitha Jayaprakash
9	118A1088	Thevar Mahalakshmi Murugan
10	118A1084	Shreya Khare

Day 10 - 26/06/2020

Sr.no	Roll No.	Name	
1	117A3049	Geeta Seshapalli	
2	117A3061	Vishodhan krishnan	
3	218A3075	Dev Thakkar	
4	218A3076	Krishna Tiwari	
5	117A3060	Rahul thorat	
6	117A3001	Abhilash Nayak	
7	117A3047	Dharmesh Saraiya	
8	118A1058	Nikhitha Jayaprakash	
9	118A1088	Thevar Mahalakshmi Murugan	
10	118A1084	Shreya Khare	



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Department of Infomation Technology S. I. E. S. Graduate School of Technology Sri Chandrasekarendra Saraswathy Vidyapuram Plot-1-C&E, Sector-V, Nervi, Navi Mumbai-400706



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SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Information Technology <u>Event Report</u>

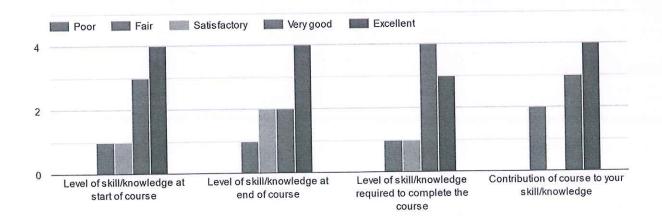
SDP on Skill Development Training

(June 15-26, 2020)

1. Feedback Analysis: (Overall feedback of SDP, session wise feedback and overall effectiveness of session recorded through Google Forms)

Impact Analysis: This Student development program has contributed to learning in different ways. Students have gained the knowledge and exposure to different core subjects like Java, Data structure, DBMS and Aptitude test which are very important for there placement point of view. This course is design to bush up there knowledge and make them ready for placements.

Contribution to learning

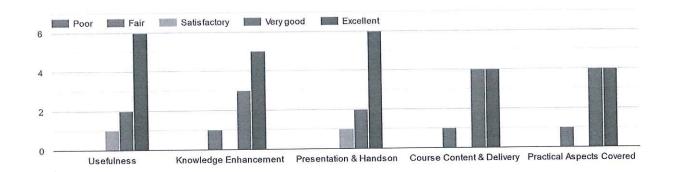




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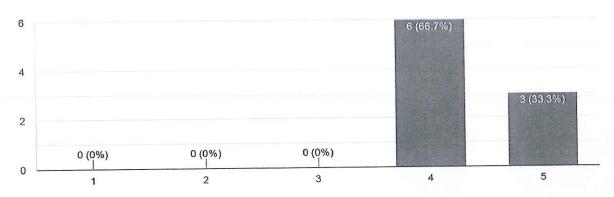
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Overall Feedback

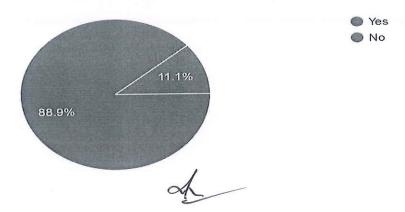


Please rate the overall effectiveness of the 2 weeks sessions (1 to 5 where 1 stands for fair and 5 for excellent) *

9 responses



Would you like to attend more such SDPs? 9 responses





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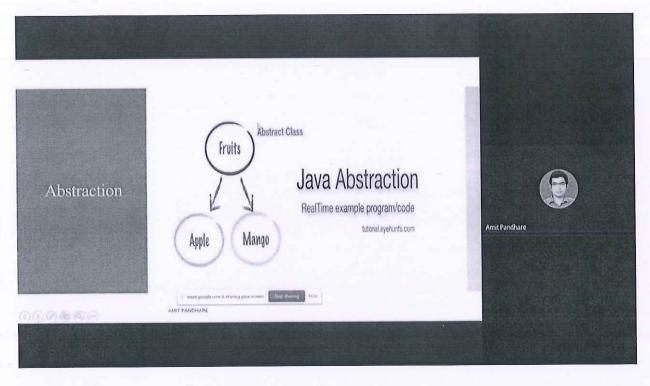
SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Information Technology

SDP on Skill Development Training

(June 15-26, 2020)

1. Photographs/Screenshots: (Glimpse of a session conducted through Google Meet)

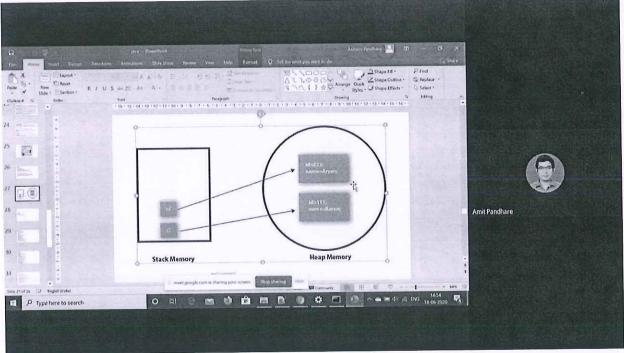


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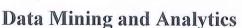
SIES Graduate School of Technology

Department of Information Technology

Presents

Two Weeks Hands on Training

on



15-26, June, 2020 (10:30 AM-12:30 PM and 1:30 PM -3:30 PM)

This student development program is meant to enhance the concepts of Database Mining as an important tool for Enterprise Data Management and as a cutting edge technology for building competitive advantage. It demonstrates an understanding of the importance of data mining and the principles of business intelligence.

Objectives

- To introduce the basic concepts of Database Mining and Analytics..
- To become familiar with the appropriate data mining techniques like classification, clustering or Frequent Pattern mining on large data sets..
- To make well versed in data mining algorithms and to impart knowledge of tools used for data mining

Course Contents

- Module 1: Basic Introduction of Data Mining,.
- Module 2: Regression Analysis: Linear regression (Th+Pr)
- Module 3: Classification: Attribute Selection Measures : Decision Tree (Th+Pr)
- Module 4: Data Mining Techniques: Association: Market Basket Analysis, Frequent Itemsets.
- Module 5: Association Rules; Frequent Pattern Mining, Apriori Algorithm (Th +Pr)
- Module 6: Clustering: Partitioning Method: K-Means (Th+Pr)
- Module 7: Case Studies: Data analytics case studies.
- Module 8: Mini Project Implementation
- Tools Used: Python/R/Weka

Resource Persons

Prof. Mrinal Khadse Prof. Seema Redekar

Who Should Attend

Any students from SE,TE - IT/CE

Registration Fees

Course Fees: FREE

Contact for Registration

Prof. Bushra Shaikh Mobile:9833199844

Email ID: bushra.sk@siesgst.ac.in

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Graduate School of Feebnology



SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Information Technology <u>Event Report</u>

SDP on Data Mining and Analytics

(June 15-26, 2020)

Event Information

Event Type: Student Development Program

Event title: Data Mining and Analytics

Resource Person: 1. Prof. Mrinal Khadse

2. Prof. Seema Redekar

Event date: June 15-26, 2020.

From: 10:30 AM

To: 3:30 PM

Organized for: Students (SE/TE)

Organized by: IETE Students' Forum

Target audience (branch & nos.): SE/TE (IT /CE & 20)

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback

4. Impact Analysis



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Sri Chandrasekarendra Saraswathy Vidyaparam
Sector V, Nerul, Navi Mumbai 400706

Event Description

IETE Students' Forum of SIES Graduate School of Technology, Nerul, conducted a student development program on Data Mining and Analytics. It was conducted by Prof. Mrinal Khadse and Prof. Seema Redekar from June 15-26, 2020 for SE/TE IT/CE students.

On the first three days of sessions, the topics such as basic introduction to Data mining, Regression Analysis, Classification etc were covered. The students were introduced with the concepts of Data Mining Techniques such as Market Basket Analysis, Association rules, Apriori algorithm and Clustering. They were taught concepts such as classification, clustering, regression etc. with programming examples using R/ Python to solve and understand.

Following were the contents of course:

Module 1: Basic Introduction of Data Mining,.

Module 2: Regression Analysis: Linear regression (Th+Pr)

Module 3: Classification: Attribute Selection Measures: Decision Tree (Th+Pr)

Module 4: Data Mining Techniques: Association: Market Basket Analysis, Frequent Itemsets.

Module 5: Association Rules; Frequent Pattern Mining, Apriori Algorithm (Th +Pr)

Module 6: Clustering: Partitioning Method: K-Means (Th+Pr)

Module 7: Case Studies: Data analytics case studies.

Module 8: Mini Project Implementation.

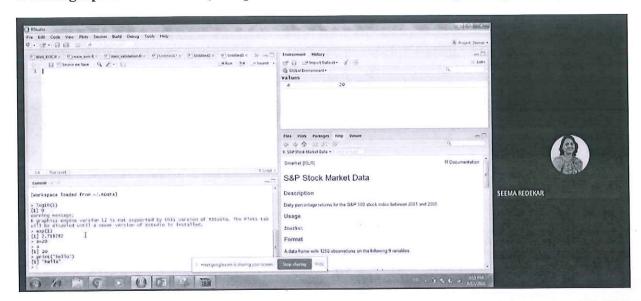
The rest of the session was focused on case studies based on data analytics and ended with the demonstration of already implemented real-world problem statements. The students were each given various exercises and project problems to solve at home.

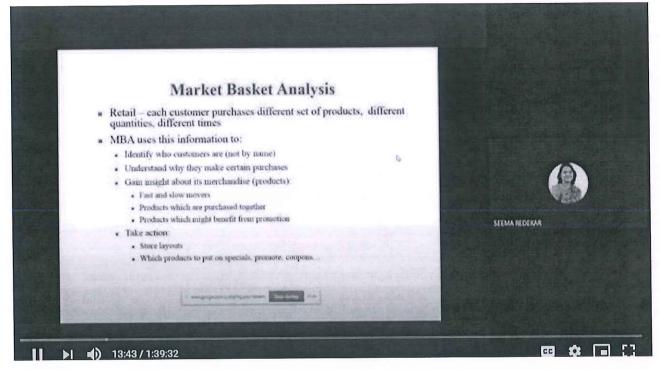


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Sri Chandrasekarendra Saraswathy Vidyapuram
Sector=V, Nerul, Navi Mumbai=400706

1. Photographs/Screenshots: (Glimpse of a session conducted through Google Meet)







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Sector-V, Nerul, Navi Mumbai-400796

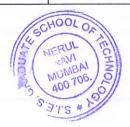
2. Attendance report (Day wise attendance recorded through Google Forms)

Day1-15/06/2020

Sr.no	Name	Roll No.	Branch	Class
1	Rishabh Maurya	118A1045	CE	SE
2	Ijaj Patel	117A3037	IT	TE
3	Sandip Mondal	117A3029	IT	TE
4	Atharva Mitragotri	117A3028	IT	TE
5	Anushree Kolhe	118A1034	CE	SE
6	Sujay Kadam	117A3019	IT	TE
7	Sayed Afroz	115a3049	IT	TE
8	Prajakta Lunawat	117A3024	IT	TE
9	Adarsh Hemant Kenjale	117A3020	IT	TE
10	Dv Karthikeyan Velladurai	117A3010	IT	TE
11	Tanya Stanley	218A3074	IT	TE
12	Aditi Sawant	118A3050	IT	SE
13	Rao Bhagyashree Venkateshkumar	118A1068	CE	SE
14	Amrita Nair	117A3033	IT	TE
15	vighnesh kadam	119A1095	CE	SE
16	Tanvi Jadhav	117A3015	IT	TE
17	Sairam iyengar	118a3018	IT	SE
18	Dhanvi Mange	119A3013	IT	SE
19	Darshan Patel	118A1020	CE	SE
20	Aditi Namdek	117A3003	IT	TE

Day2-16/06/2020

Sr.no	Name	Roll No.	Branch	Class
1	Rishabh Maurya	118A1045	CE	SE
2	Ijaj Patel	117A3037	IT	TE
3	Sandip Mondal	117A3029	IT	TE



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4	Atharva Mitragotri	117A3028	IT	TE
5	Anushree Kolhe	118A1034	CE	SE
6	Sujay Kadam	117A3019	IT	TE
7	Afroz Sayed	115a3049	IT	TE
8	Prajakta Lunawat	117A3024	IT	TE
9	Adarsh Hemant Kenjale	117A3020	IT	TE
10	Dv Karthikeyan Velladurai	117A3010	IT	TE
11	Tanya Stanley	218A3074	IT	TE
12	Aditi Sawant	118A3050	IT	SE
13	Rao Bhagyashree Venkateshkumar	118A1068	CE	SE
14	Amrita Nair	117A3033	IT	TE
15	vighnesh kadam	119A1095	CE	SE
16	Tanvi Jadhav	117A3015	IT	TE
17	Sairam iyengar	118a3018	IT	SE
18	Dhanvi Mange	119A3013	IT	SE
19	Darshan Patel	118A1020	CE	SE
20	Aditi Namdeo	117A3003	IT	TE
21	Ishita Paul	118A1061	CE	SE

Day3-17/06/2020

Sr.no	Name	Roll No.	Branch	Class
1	Rishabh Maurya	118A1045	CE	SE
2	Ijaj patel	117A3037	IT	TE
3	Sandip Mondal	117A3029	IT	TE
4	Atharva Mitragotri	117A3028	IT	TE
5	Anushree Kolhe	118A1034	CE	SE
6	Sujay Kadam	117A3019	IT	TE
7	Sayed Afroz	115a3049	IT	TE
8	Prajakta Lunawat	117A3024	IT	TE
9	Adarsh Hemant Kenjale	117A3020	IT	TE



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10	Dv Karthikeyan Velladurai	117A3010	IT	TE
11	Tanya Stanley	218A3074	IT	TE
12	Aditi Sawant	118A3050	IT	SE
13	Rao Bhagyashree Venkateshkumar	118A1068	CE	SE
14	Amrita Nair	117A3033	IT	TE
15	vighnesh kadam	119A1095	CE	SE
16	Tanvi Jadhav	117A3015	IT	TE
17	Sairam iyengar	118a3018	IT	SE
18	Darshan Patel	118A1020	CE	SE
19	Aditi Namdeo	117A3003	IT	TE
20	Ishita Paul	118A1061	CE	SE

Day4-18/06/2020

Sr.no	Name	Roll No.	Branch	Class
1	Ijaj Patel	117A3037	IT	TE
2	Anushree Kolhe	118A1034	CE	SE
3	Prajakta Lunawat	117A3024	IT	TE
4	Sairam iyengar	118a3018	IT	SE
5	Amrita Nair	117A3033	IT	TE
6	Rao Bhagyashree Venkateshkumar	118A1068	CE	SE
7	Dv Karthikeyan Velladurai	117A3010	IT	TE
8	Adarsh Hemant Kenjale	117A3020	IT	TE
9	Atharva Mitragotri	117A3028	IT	TE
10	Aditi Namdeo	117A3003	IT	TE
11	Rishabh Maurya	118A1045	CE	SE
12	Sayed afroz	115a3049	IT	TE
13	Tanvi Jadhav	117A3015	IT	TE
14	Sandip Mondal	117A3029	IT	TE
15	Tanya Stanley	218A3074	IT	TE
16	Aditi Sawant	118A3050	IT	SE
17	Sujay Kadam	117A3019	IT	TE



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Sector V, Nerc., Navi Mumbai 400706

Day5-19/06/2020

Sr.no	Name	Roll No.	Branch	Class
1	Ijaj Patel	117A3037	IT	TE
2	Anushree Kolhe	118A1034	CE	SE
3	Prajakta Lunawat	117A3024	IT	TE
4	Sairam	118a3018	IT	SE
5	AmritaNair	117A3033	IT	TE
6	Rao Bhagyashree Venkateshkumar	118A1068	CE	SE
7	Dv Karthikeyan Velladurai	117A3010	IT	TE
8	Adarsh Hemant Kenjale	117A3020	IT	TE
9	Atharva Mitragotri	117A3028	IT	TE
10	Aditi Namdeo	117A3003	IT	TE
11	Rishabh Maurya	118A1045	CE	SE
12	Sayed Afroz	115a3049	IT	TE
13	Tanvi Jadhav	117A3015	IT	TE
14	Sandip Mondal	117A3029	IT	TE
15	Tanya Stanley	218A3074	IT	TE
16	Aditi Sawant	118A3050	IT	SE
17	Ishita Paul	118A1061	CE	SE

Day6-22/06/2020

Sr.no	Name	Roll No.	Branch	Class
1	Rishabh Maurya	118A1045	CE	SE
2	Aditi Sawant	118A3050	IT	SE
3	Sairam	118a3018	IT	SE
4	Adarsh Hemant Kenjale	117A3020	IT	TE
5	Afroz sayed	115a3049	IT	TE
6	Ishita Paul	118A1061	CE	SE
7	Rao Bhagyashree Venkateshkumar	118A1068	CE	SE



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PRINCIPAL S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY Sci Changrasekarendra Saraswathy Vidyapuram Sector-V, Nerul, Navi Mumbai-400796

8	Ijaj Patel	117A3037	IT	BE
9	Aditi Namdeo	117A3003	IT	TE
10	Tanya Stanley	218A3074	IT	TE
11	Prajakta Lunawat	117A3024	IT	TE
12	Amrita Nair	117A3033	IT	TE
13	Sandip Mondal	117A3029	IT	TE
14	Atharva Mitragotri	117A3028	IT	TE
15	Dv Karthikeyan Velladurai	117A3010	IT	TE
16	Tanvi Jadhav	117A3015	IT	TE

Day7-23/06/2020

Sr.no	Name	Roll No.	Branch	Class
1	Sairam	118a3018	IT	SE
2	Dv Karthikeyan Velladurai	117A3010	IT	TE
3	Atharva Mitragotri	117A3028	IT	TE
4	Sandip Mondal	117A3029	IT	TE
5	Adarsh Hemant Kenjale	117A3020	IΤ	TE
6	Aditi Sawant	118A3050	IT	SE
7	Amrita Nair	117A3033	IT	TE
8	Afroz Sayed	115a3049	IT	TE
9	Rishabh Maurya	118A1045	CE	SE
10	Anushree Kolhe	118A1034	CE	SE
11	Aditi Namdeo	117A3003	IT	TE
12	Rao Bhagyashree Venkatesh K.	118A1068	CE	SE
13	Tanvi Jadhav	117A3015	IT	TE
14	Ishita Paul	118A1061	CE	SE
15	Prajakta Lunawat	117A3024	IT	TE
16	Ijaj Ptael	117A3037	IT	TE
17	Tanya Stanley	218A3074	IT	TE

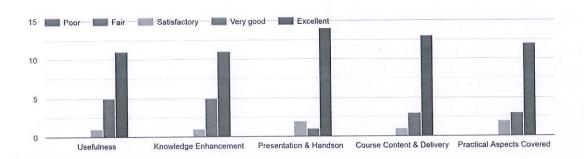


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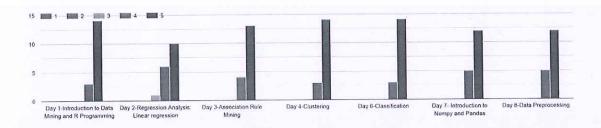
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Sri Chandrasekarendra Saraswathy Vidyappram
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3. Feedback Analysis: (Overall feedback of SDP, session wise feedback and overall effectiveness of session recorded through Google Forms)

Overall Feedback

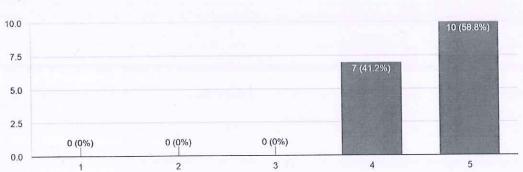


Please share your feedback for individual session (1 to 5 where 1 stands for fair and 5 for excellent)



Please rate the overall effectiveness of the 2 weeks sessions (1 to 5 where 1 stands for fair and 5 for excellent) *

17 responses



Impact Analysis: This Student development program has contributed to learning in different ways. Students have gained the knowledge and exposure to different data mining algorithms using Python and R. Designed for students with a variety of professional backgrounds and experience

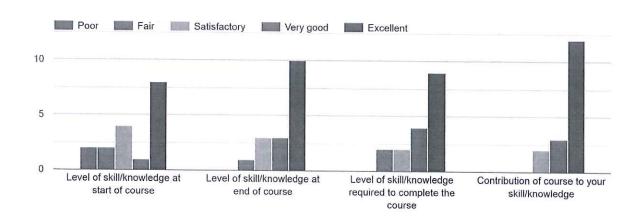


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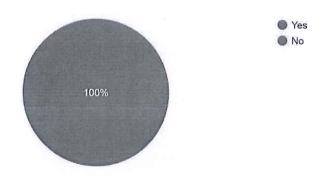
Sector V, Nerul, Navi Mumbai - 400796

levels including beginners, this course takes a deep dive into the fundamentals of Database Mining and Analytics.

Contribution to learning



Would you like to attend more such SDPs? 17 responses



HEAD

Department of information Technology S. I. E. S. Graduate School of Technology Sri Chandrasekarendra Saraswathy Vidyapuram Plot-1-C&E, Sector-V, Nerel, Navi Mumbai-400706

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S.I.Chandrasekarendra Saraswathy Vidyapuran,
Sector-V, Nerul, Navi Mumbai-400706 %

SIES Graduate School of Technology

Department of Information Technology

Presents

5 days Hands on CCNA Routing and Switching - I, June $27^{th} - 2^{nd}$ July, 9:00 AM to 5:00 PM

This certification program is designed to impart knowledge about the fundamentals of Computer Networks, various protocols used in Communication, Managing and configuring Cisco Switches and Routers. It is also designed to give exposure on building a Network.

Objectives

- 1. To learn basics of Networking.
- 2. To design a Network using switches and Routers.
- 3. To discover problems in Routing, password recovery etc.

Course Contents

- Module 1: Introduction
- Module 2: Understanding, configure Router and Switch.
- Module 3: Implementation of DHCP, ACL, NAT, PAT etc.
- Module 4: Password Recovery, Backup of running config to startup config.

Who Should Attend

Any student from TE (EXTC/IT/CE) (Students who have completed their IV SEM Exams)

Registration Fees

Course Fees: FREE

(Cost of certificate will be applicable)

Resource Person

Dr. K. Lakshmi Sudha Mobile: 9987512269

Email ID: lakshmi.sudha@siesgst.ac.in



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Sector-V, Nerul, Navi Mumbai-400706



SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram

ri Chandrasekarendra Saraswati Vidyapuran Sector 5, Nerul, Navimumbai-400706

Department of Information Technology

Event Report

Title of event (27/6/2019-31/8/2019)

Event Information

Event Type: Certification Course (40 hrs)

Event title: CCNA ROUTING AND SWITCHING

Resource Person: Dr. K. Lakshmi Sudha

Event date: From: 27/6/2019

To:31/8/2019

Organized for: Students

Organized by: Dr. K.Lakshmi Sudha

Target audience (branch & nos.): SE/TE/BE-EXTC/IT/CE

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback



do

S.L.E.S. GRADUATE SCHOOL OF TECHNOLOGY Sri Chandrasekarendra Saraswathy Vidyapuram Sector-V, Nerul, Navi Mumbai-400706

Event Description

This certification course is designed to impart knowledge about the fundamentals of Computer Networks, various protocols used in Communication, Managing and configuring Cisco Switches and Routers. It is also designed to give exposure on building a Network. The course has been divided into four modules.

Module 1: Introduction

Module 2: Configuration of Router and Switch.

Module 3: Implementation of DHCP, ACL, NAT, PAT etc.

Module 4: Password Recovery, Backup of running config to startup config.

Module 1: This module covers the basic introduction on Networking, types of Computer Networks, OSI model, TCP/IP model, IP addressing, Subnet mask problems on IP addressing, subnet mask. (Total -5 hrs)

Module 2: In this module students learnt the basics commands on router using Cisco packet tracer, configuration of routers, Static and Dynamic Routers, Switch configuration.

(Total-16 hrs)

Module 3: Students have been implemented Standard ACL, Extended ACL, Static NAT, Dynamic NAT, DHCP(Total -12 hrs)

Module 4: The last module covers the Password Recovery, Backup of running config to startup config, Trunking, ARP and EIGRP protocols(Total -7 hrs)

The course has been conducted for SE/TE/BE of EXTC/IT/CE students. Total 17 students have enrolled for the course and 11 students have successfully completed and cleared the exam.



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Sector=V, Nerul, Navi Mumbai=400706

1. Photographs (in JPEG/PNG)





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Sri Chandrasekarendra Saraswathy Vidyapuram
Sector-V, Nerul, Navi Mumbai-400706

SIES GRADUATE SCHOOL OF TECHNOLOGY NERUL, NAVI MUMBAI - 400 706 Department of Information Technology

Attendance

Certification Course

On

"CCNA: Routing & Switching"

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Total enrolled - 17

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2. Feedback Report (Scanned copy)

SIES GRADUATE SCHOOL OF TECHNOLOGY NERUL, NAVI MUMBAI - 400 706 Department of Information Technology Feedback & Attendance

Certificate Course on

"CCNA ROUTING AND SWITCHING - 1" By Dr. K. Lakshmisudha

Class:

SE/TE/BE-EXTC/ IT/CE

Date: 31/08/2019

Rate on each criterion between 1 to 5 (5: Outstanding, 4: Excellent, 3: Very Good, 2: Good, 1: Average)

Sr.No	NAME OF THE STUDENT	Usefulness	Knowledge Enhancement	Presentation	Overall Rating	Sign
1,	Lakshmi. 5	3	4	4	#5	Jahrens
2.	Phaelami A	5	4	5	5	Maion
3.	Ajoy Shinde	- 4	5	4	5	Hirwinde
4.	Balaj Yadav	4	5	4	5	Balail
0	Vaishnavi	4	5	4	5	Vairte
6	SWAPNIL VISHWAKARMA	.5	5	5	5	Spr
2.	Sakapaas	5	5	5	2	-line
8	Alitya Kulkarni	6	5	5	5	RU
9	Sarvesh K	5	5	5	5	1
10	TESURATA	5	5	5	- 5	2. prof
- 0	Satish Yader.					- /
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		reed b	ck Analysis
Usefulness	45	90	120
Knowledge Enhancement	48	96	80 60 40 20 ■ Marks out of 50 ■ Percentage of overall
Presentation	46	92	Usefuliess Knowledge. Overalleading rating
Overall Rating	50	100	The King West Onergy

Impact Analysis:

Students were able to design a network using Cisco packet tracer. They were able to configure Router, switch and also configure the networking devices.

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SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Mechanical Engineering <u>Event Report</u>

Heat Transfer and Fluid Flow Analysis using Ansys Fluent (22/06/2020 -03/07/2020)

Event Information

Event Type: Student Development Program

Event title: Heat Transfer and Fluid Flow Analysis using Ansys Fluent

Resource Person: Mr.Chandan D. Chaudhari, Mr. Ajay S.Hundiwale, Dr.Kaustubh V.Chavan

Event date: From: (22/06/2020 -03/07/2020)

Organized for: Students of SIESGST

Organized by: Department of Mechanical Engineering

Target audience (branch & nos.): Mechanical: 18 Students

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback

Head of Department
Mechanical Engineering Department
S.I.E.S.Graduate School Of Technology
Sector-V,Nerul,Navi Mumbai-400 706

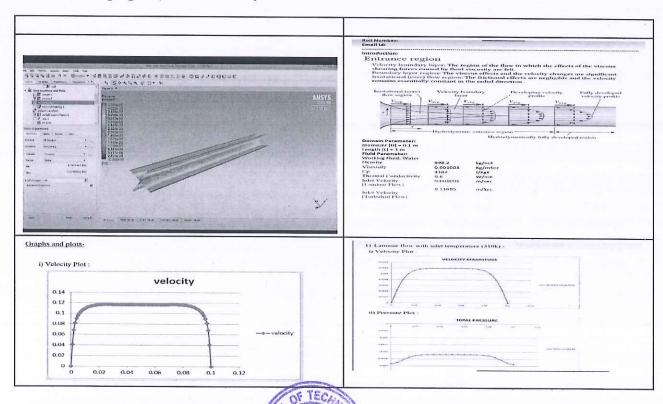
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Sector V, Nerul, Navi Mumbai 400706

Event Description

A SDP was organized by mechanical department. The topic of SDP was "Heat Transfer and Fluid Flow Analysis using ANSYS Fluent". The SDP was planned on 22/06/2020 for students of SIESGST Mechanical Engineering. Total number of participants registered for the SDP were 29 and total 15 participants attended the session. The SDP duration is for Two Weeks and its hands-on training given on ANSYS Fluent Software. With Industry based live case studies were taught during this session by Faculty Members.

The objective of this course is to teach ANSYS basics in the following areas: ANSYS capabilities, terminology, and ANSYS Interactive (GUI). How to build Finite Element Models in ANSYS. Basic steps of performing a complete ANSYS analysis. Meshing Techniques Results Post processing and Validation

1. Photographs (in JPEG/PNG)



Head of Department
Mechanical Engineering Department
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Sector V, Nerui, Navi Mumbai 400706

2. Attendance report

All the 18 Students were present for the SDP out of 29 Registered students, since this SDP is on ANSYS Software which required high end Computer to run the simulation.

SDP- Heat Transfer and Flu	id Flow simulation usi Stream Classwork People Grad	des
	☐ AISHWARYA PAPALE	·
	Ameya Pisal	į
	anandakrishna pillai	ı
	ATUL AGNIHOTRI	ı
	bamnihar SIES GST	
	bondanthilakarthik SIES GST	
	Charit geddam	:
	harsh sushil	1
	joshi atharva	ı
	KARAN BHOJWANI	
	mahajan pratik	1

3. Feedback Report (Scanned copy)

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Head of Department
Mechanical Engineering Department
S.I.E.S.Graduate School Of Technology
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Sri Chandrasekarendra Saraswathy Vidyapuram
Sri Chandrasekarendra Saraswathy Vidyapuram
Sector V, Nerul, Navi Mumbai 400703

 Give a brief description of your internship work (title and tasks for which you were responsible):

The internship started by clearing the basic concepts of Heat Transfer and Fluid Flow Analysis such as Finite Element Analysis. We got acquaited with the Ansys Software with Fluent Solvent. Then we were taught terminologies like Discretization, Reynold's number, Nusselt's number and meshing and it's importance while simultaneously performing it on the Ansys-Fluent solver. We would then solve daily assignments given by the professors. We plotted Velocity and Temperature profiles for Laminar as well as Turbulent Fluid Flow through 2D and 3D pipe. We gave different meshing parameters for checking and obtaining better accuracy. We ran simulations for the required conditions. We validated our results with the expected values and found out the margin of error.

- 2. Was your internship experience related to your major area of study?
- a. Yes, to a large degree.

This experience has:	Strongly Agree	No opinion	Disagree	Srongly Disagree
Given me the opportunity to explore a career field	Yes, I strongly agree			
Allowed me to apply classroom theory to practice	Yes, I strongly agree			
Helped me develop my decision- making and problem-solving skills	Yes, I strongly agree			

4. Impact Analysis:

Total Participation Enroll: 29

Total Assignments: 6

No. of Students solved All the Assignments: 15

Level of Assignments asked in Sessions: Advanced

For reference Report File is attached.

https://classroom.google.com/u/0/g/tg/MTE0MTkyMzA4Mzky/MTE1NjM2MjUyMjYz#u=MTQ4ODc0OTc5NjJa&t=f

Head of Department
Mechanical Engineering Department
S.I.E.S.Graduate School Of Technology
Sector-V,Nerul,Navi Mumbai-400 706

PRINCIPAL
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Sri Chandrasekarendra Saraswathy Vidyac. am
Sri Chandrasekarendra Navi Mumbai - 400766
Sector - V, Nerul, Navi Mumbai - 400766

SIES Graduate School of Technology, Nerul Mechanical Engineering Department



CERTIFICATE

This is to certify that

Avdhut Ghatage

Has participated in student Development Program on

Heat Transfer and Fluid Flow Analysis using Ansys Fluent

June 22nd - July 3rd, 2020.

Dr. R.S.Nehete HOD(Mechanical Engg.) Dr. Atul Kemkar Principal, SIES GST

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of

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S. Chandrasekarendra Saraswathy Vidyaculam

Secret V., Stary i Mayi Mumber 690706

Head of Department
Mechanical Engineering Department
S.I.E.S.Graduate School Of Technology
Sector-V,Nerul,Navl Mumbai-400 706

Mechanical Engineering Department					
SDP Topic:-	Heat transfer and fluid flow analysis using Ansys Fluent				
Course Code of SDP:-	NA				
SDP Dates and Duration:	22 June to 3 July, 2020 (2 weeks)				
Academic Year:-	2019-2020				
FH / SH Year:-	FH2020				
Resource Person/Speakers/Faculty:-	Chandan Chaudhari, Ajay Hundiwale, Kaustubh Chavan				

The following list of students successfully completed the SDP:

Sr. No.	Name of Students Enrolled	Roll No.	Email	Class and Branch	Completed SDP (Yes / No)
1	Pranav Venugopal	116A6042	pranav.venugopal16@siesgst.ac.in	BE	YES
2	Onkar Repe	117A6043	vilas.onkar17@siesgst.ac.in	BE	YES
3	SAITARUN NAGARAJAN	117A6046	saitarun.nagarajan17@siesgst.ac.in	TE	YES
4	Rokade Apoorva	118A6047	rokade.apoorva18@siesgst.ac.in	SE	YES
5	Nikhilesh Mane	218A6067	nikhilesh.mane218@siesgst.ac.in	TE	YES
6	Avdhut Ghate	119A6006	avdhut.ghate@siesgst.ac.in	BE	YES
7	Yash Pradeep Sale	117A6047	yash.sale17@siesgst.ac.in	BE	YES
8	Saili Sonawane	118A6056	sonawane.saili18@siesgst.ac.in	SE	YES
9	Harsh Tillu	118A6058	harsh.sushil18@siesgst.ac.in	SE	YES
10	JOSHI ATHARVA ATUL		joshi.atharva18@siesgst.ac.in	SE	YES
11	Aishwarya Eknath Phapale	116A6038	aishwarya.papale16@siesgst.ac.in	BE	YES
12	Atul Agnihotri	116A6002	atul.agnihotri16@siesgst.ac.in	BE	YES
13	sowmya chillara	116A6010	sowmya.chillara16@siesgst.ac.in	BE	YES
14	Rikin Nanote	116A6033	rikin.nanote16@siesgst.ac.in	BE .	YES
15	Sayali Arvind Lavande		sayali.lavande218@siesgst.ac.in	TE	YES





Department of Mechanical Engineering <u>Event Report</u>

Industrial drawing and modeling using AutoCAD and Solid works (22/06/2020 -03/07/2020)

Event Information

Event Type: Student Development Program

Event title: Industrial drawing and modeling using AutoCAD and Solid works

Resource Person: Mr.Siddique Ahmed, Mr. Ganesh Kadam, Mr. Onkar Potadar, Mrs. Prajakta

Kane

Event date: From:

(22/06/2020 -03/07/2020)

Organized for: Students of SIESGST

Organized by: Department of Mechanical Engineering

Target audience (branch & nos.): Mechanical: 18 Students

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback

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Head of Department
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Sector-V, Nerul, Navi Mumbai-400706

Event Description

A SDP was organized by mechanical department. The topic of SDP was "Industrial drawing and modeling using AutoCAD and Solid works". The SDP was planned on 22/06/2020 for students of SIESGST Mechanical Engineering. Total number of participants registered for the SDP were 32 and total 18 participants attended the session. The SDP duration is for Two Weeks and its hands-on training given on AutoCAD and Solid Works Software. With Industry based live case studies were taught during this session by Faculty Members.

The objective of this course was to give our students exposure to the actual drawings used in Industries.

1. Photographs (in JPEG/PNG)

Head of Department
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2. Attendance report

All the 18 Students were present for the SDP out of 32 Registered students, since this SDP is on Solid works Software which required high end Computer.



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Sri Chandrasekarendra Saraswath
Sector V, Nerul, Navi Mumbai a 30706

3

Classwork

People

Grades

Stu	den	ts	32 students	솹
	Act	iona 🔻		ĄZ
	0	Afhan Mulla		i
	0	AISHWARYA PAPALE		:
		anandakrishna pillai		.:
	0	anish sharad		:
	0	badveparth SIES GST (invited)		
	0	bamnihar SIES GST		÷
	0	belose shruti		1
	0	bhaskar sandesh		i

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3. Feedback Report (Scanned copy)

3. Indicate the degree to which you agree or disagree with the following statements.

This experience has:	Strongly Agree	No Opinion	Disagree	Strongly Disagree
Given me the opportunity to explore a career field	1			
Allowed me to apply classroom theory to practice	1			
Helped me develop my decision- making and problem-solving skills		1		

Expanded my knowledge about the work world prior to permanent. employment.		1		
Helped me develop my written and oral communication skills.				
Provided a chance to use leadership skills (influence others, develop ideas with others, stimulate, decision-making and action)		1		
Expanded my sensitivity to the ethical implications of the work. involved	1			
Made it possible for me to be more.				
Helped me learn to handle, responsibility and use my time	V			
Helped me discover new aspects of, myself that I didn't know existed before	1			
Helped me develop new interests.	1			
and abilities Helped me clarify my career goals.		1		
Provided me with contacts which. may lend to future employment			1	
Allowed me to acquire information. and/ or use equipment not available at my institute	1			

4. Impact Analysis:

Total Participation: 32

Total Assignments: 6

No. of Students solved All the Assignments: 18

Level of Assignments asked in Sessions: Advanced

For reference Report File is attached.

https://classroom.google.com/c/MTIwMjAwMjIwNTQ1

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This is to certify that

Afhan Mulla

Has participated in

student Development Program

Industrial drawing and modeling using AutoCAD and Solid works

Head of Department

June 22nd - July 3rd, 2020.

HOD (Mechanical Engg.) Dr. R.S.Nehete

Mechanical Engineering Department PRINCIPAL
S.I.E.S.Graduate School Of Technology S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGYT
Sector-V, Nerul, Navi Mumbai-400 706 Strokendra Saraswath William Campanament

Dr. Atul Kemkar

Principal, SIES



SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Hands on Training on Industrial drawing and modeling using AutoCAD and Solid works 22 June to 3 July [Two weeks], 10 AM to 4.00 PM

Who will be benefited?

- 1. Students who want to develop project in the domain of Manufacturing
- 2. Students who want to enrol for higher studies in Manufacturing Technology
- 3. Students who want to have a better understanding of the industrial drawings

Prerequisite:

Background of AutoCAD Solid Works and Engineering drawing

Introduction:

This student development program is meant to revise basics concepts of Engineering drawing and to learn drawing software like AutoCAD and Solid Works. This program is conducted to give exposure to our students about how to understand industrial drawings.

Objectives:

- 1: Introduction to industrial drawings
- 2: How to read and understand drawings
- 3: Starting with AutoCAD and draw in AutoCAD
- 4: Working with solid works and converting 2d to 3d
- 5: Converting 3d models back to 2d using solid works

Outcomes:

By the end of the course, the learner can:

- 1. read and understand different Pressure vessel drawings
- 2. make Industrial drawings using AutoCAD
- 3. develop 3D drawings using Solid works

Contact for Registration:

Prof. Siddique Ahmed Siddique.ahmed@siesgst.ac.in 9320616160

Head of Department
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Sactor TV, Mer. . . Navi Mumbar 480706

Note:

- 1. Workshop is free of cost for SIES GST students
- 2. Workshop is for all branches of engineering

Scheduled Activities:

Day 1	Day 2	Day 3	Day 4	Day 5
All Faculties	Prajakta Kane	Onkar Potadar	Onkar Potadar	Ganesh Kadam
10:00 AM	10:00 AM	10:00 AM	10:00 AM	10:00 AM
Difference between the drawings we study in our engineering and the Industrial drawings	Basics - Title Block Geometric Dimensionind and Tolerencing ,Basic symbols ,Welding Symbols, Symbols for surface texture	AutoCAD	AutoCAD	Assembly- Dissembly, BOM
All faculties will interact with the students and explain them the flow and the contents which we will be covered in this SDP	Notes,Sectional view,Detail Drawing,Assembly Drawing,Exploded drawing	Will teach how to use AutoCAD to draw the industrial drawings and will give assignments to based on the content	Will teach how to use AutoCAD to draw the industrial drawings and will give assignments to based on the content	Will teach concept of assembly drawing including assembly and dissembly of components, bom, etc.

TO STATE SCORE

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Mechanical Engineering Department
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Sri Chandrasekarendra Navi Mumbai - 400706
Sector - V, Nerul, Navi Mumbai - 400706

Day 6	Day 7	Day 8	Day 9	Day 10
Ganesh Kadam	Prajakta Kane	Siddique Ahmed	Siddique Ahmed	All Faculties
10:00 AM	10:00 AM	10:00 AM	10:00 AM	10:00 AM
Correlevance of drawing w.r.t. CAD-CAM, RE, Analysis, etc.	AutoCAD Alternatives	Solid Works	Solid Works	
Will teach relevance of industrial drawing in terms of CAD-CAM, reverse engineering, analysis of components, etc.	Will teach how to use free open source software Free CAD to draw the industrial drawings and will give assignments to based on the content	Will teach how to use Solidworks to draw the industrial drawings and will give assignments to based on the content	Will teach how to use Solidworks to draw the industrial drawings and will give assignments to based on the content	All faculties will interact with the students and discuss what they have learnin the course and will take their dobuts/suggestions



Head of Department
Mechanical Engineering Department
S.I.E.S.Graduate School Of Technology
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Sector V, Nerul, Navi Mumbai 400706

Mechanical Engineering Depart	ment
SDP Topic:-	Industrial drawing and modeling using AutoCAD and Solid works
Course Code of SDP:-	NA
SDP Dates and Duration:	22 June to 3 July, 2020 (2 weeks)
Academic Year:-	2019-2020
FH / SH Year:-	FH2020
Resource Person/Speakers/Faculty:-	Siddique Ahmed, Ganesh Kadam, Onkar Potadar, Prajakta Kane

The following list of students successfully completed the SDP:

Sr. No.	Name of Students Enrolled	Roll No.	Email	Class and Branch	Completed SDP (Yes / No)
1	Afhan Mulla	118A6031	mulla.afhan18@siesgst.ac.in	SE (Mech)	Yes
2	Prathamesh Patil	119A6031	patilprathamesh19@siesgst.ac.in	FE (Mech)	Yes
3	Rokade Apoorva	118A6047	rokade.apoorva18@siesgst.ac.in	SE (Mech)	Yes
4	Sarvesh Vichare	119A6056	vicharesarvesh19@siesgst.ac.in	FE (Mech)	Yes
5	Shivam Varade	119A6053	varadeshivam19@siesgst.ac.in	FE (Mech)	Yes
6	Shubham Varade	119A6054	varadeshubham19@siesgst.ac.in	FE (Mech)	Yes
7	Bam Nihar	119A6003	bamnihar19@siesgst.ac.in	FE (Mech)	Yes
8	Bondanthila Karthik	119A6005	bondanthilakarthik19@siesgst.ac.in	FE (Mech)	Yes
9	Burande Vardhan	119A6055	burandevardhan19@siesgst.ac.in	FE (Mech)	Yes
10	C S Vignesh	119A6006	csvignesh19@siesgst.ac.in	FE (Mech)	Yes
11	Gorule Prayag	119A6011	goruleprayag19@siesgst.ac.in	FE (Mech)	Yes
12	Hrishikesh Venkatesh	118A4005	hrishikesh.venkatesh18@siesgst.ac.in	FE (Mech)	Yes
13	Lele Gaurang	119A6023	lelegaurang19@siesgst.ac.in	FE (Mech)	Yes
14	Shenoy Karan	119A6039	shenoykaran19@siesgst.ac.in	FE (Mech)	Yes
15	Tayade Khushal	119A6020	tayadekhushal19@siesgst.ac.in	FE (Mech)	Yes
16	Tejas Ashok	119A6051	tejasashok19@siesgst.ac.in	FE (Mech)	Yes
17	Telang Harsh	119A6052	telangharsh19@siesgst.ac.in	FE (Mech)	Yes
18	Vishwakarma Ashmith	119A6002	vishwakarmaashmith19@siesgst.ac.in	FE (Mech)	Yes



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SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Mechanical Engineering

Event Report

SDP (Internship) on Modelling Robot Kinematics using Python Programming

Event Information

Event Type: Workshop

Event Title: Modelling Robot Kinematics using Python Programming

Resource Person: Dr. Pradip P. Patil and Prof. Prashant K. Ambadekar

Event Date: 22 June to 03 July 2020

Organized for: Students

Organized by: Department of Mechanical Engineering

Target Audience (Branch & Nos.): Undergraduate Students

Attachments: 1. Photographs (JPEG/PNG)

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Mechanical Engineering Department S.I.E.S.Graduate School Of Technology Sector-V, Nerul, Navi Mumbai-400 706

Event Description

Internship program for students was organized during the summer vacation for students of all branches. The program was interdisciplinary and required no prerequisite knowledge to students. The SDP was arranged with the following objectives:

- 1. To gain knowledge of Python programming language
- 2. To perform programming of robot
- 3. To study the parameters of motion in kinematics robotics
- 4. To study various design principles of robotics through kinematic analysis, workspace analysis, and trajectory planning

The resource person or speaker for the program were Dr. Pradip P. Patil and Prof. Prashant K. Ambadekar. Total number of students who attended this SDP were 51.

Topic that were taught during the SDP are Use of print function, Library in Python, Lists and Array, Plots, operations on files and statistical operations in Python in the first week. While in second week are introduction to Robotics, use of software like Robo analyser, Robot kinematics etc.

1. Photographs (in JPEG/PNG):



2. Attendance report

All the 51 Students were present for the SDP out of 51 Registered students.

3. Feedback Report (Scanned copy)

This experience has:	Strongly Agree	No Opinion	Disagree	Strongly Disagree		
Given me the opportunity to explore a career field	~					
Allowed me to apply classroom theory to practice	~					
Helped me develop my decision- making and problem-solving skills		~				

Expanded my knowledge about the work world prior to permanent. omployment.		-		
Heiped me develop my written and oral communication skills.		-		
Provided a chance to use leadership skills (influence others, develop ideas with others, stimulate, decision-making and sction)		~ .		
Expanded my sensitivity to the ethical implications of the work. involved	-			
Made it possible for me to be more.		-		
Helped me learn to handle, responsibility and use my time wisely	~			
Helped me discover new aspects of myself that I didn't know existed treffers	~			
Helped me develop new interests.	~			
Helped me clarify my career goals.				
Provided me with contacts which, may lead to future employment			~	
Allowed me to acquire information and/ or use equipment not available	~			

4. Impact Analysis:

Total Participation: 51

Total Assignments: 9

No. of Students solved All the Assignments: 48

Level of Assignments asked in Sessions: Advanced

Head of Department

Mechanical Engineering Department S.I.E.S.Graduate School Of Technology Sector-V, Nerul, Navi Mumbai-400 706

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SIES Graduate School of Technology, Nerul Mechanical Engineering Department



CERTIFICATE

This is to certify that

Shruti Azhagu Mani

Has participated in student Development Program

Modeling Robot Kinematics using Python Programming

June 22nd - July 3rd, 2020.

Dr. R.S.Nehete HOD(Mechanical Engg.)

Dr. Atul Kemkar

Principal, SIES GST

Head of Department Mechanical Engineering Department S.I.E.S.Graduate School Of Technology Sector-V, Nerul, Navi Mumbai-400 706



S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY Sri Chandrasekarendra Saraswathy Vidyapuram & Sector-V, Nerul, Navi Mumbai-400706

Mechanica	al Engineering Department
SDP Topic:-	Modelling Robot Kinematics using Python Programming
Course Code of SDP:-	NA
SDP Dates and Duration:	22 June to 3 July, 2020 (2 weeks)
Academic Year:-	2019-2020
FH / SH Year:-	FH2020
Resource Person/Speakers/Faculty:-	Dr. Pradip Patil, Prashant Ambadekar

The following list of students successfully completed the SDP:

Sr. No.	Name of Students Enrolled	Roll No.	Email	Class and Branch	Completed SDP (Yes / No)
1	Abhirami Chandrasekar	118A6001	abhirami.priyangha18@siesgst.ac.in	SE (Mech)	Yes
2	Akhilesh Srilalan	118A6002	akhilesh.srilalan18@siesgst.ac.in	SE (Mech)	Yes
3	Achary Soumiya	118A6057	achary.soumiya18@siesgst.ac.in	SE (Mech)	Yes
4	Amey kokate	118A6020	amey.prashant18@siesgst.ac.in	SE (Mech)	Yes
5	Parayan Anand Kumar	118A6037	anand.kumar18@siesgst.ac.in	SE (Mech)	Yes
6	Atharva Salunkhe	118A6048	atharva.salunkhe18@siesgst.ac.in	SE (Mech)	Yes
7	Priyanka Barouliya	118A6003	barouliya.priyanka18@siesgst.ac.in	SE (Mech)	Yes
8	Bharatiseshan Nagarajan	119A6004	bharathiseshan19@siesgst.ac.in	FE (Mech)	Yes
9	Chaitanya Palande	117A6037	chaitanya.palande17@siesgst.ac.in	TE (Mech)	Yes
10	Gaurang Dandwate	118A6005	dandwate.gaurang18@siesgst.ac.in	SE (Mech)	Yes
11	Dwivedi Vaidehi	118A6007	dwivedi.vaidehi18@siesgst.ac.in	SE (Mech)	Yes
12	Eshant Shivraj	118A6008	eshant.shivraj18@siesgst.ac.in	SE (Mech)	Yes
13	Varun Vinay Hatkar	118A6011	hatkar.varun18@siesgst.ac.in	SE (Mech)	Yes
14	Subbaraman lyer	118A6015	iyer.subbaraman18@siesgst.ac.in	SE (Mech)	Yes
15	Krishna gajera	117A2029	krishnaben.gajera17@siesgst.ac.in	BE (Extc)	Yes
16	Venkatesh Raman Manjeri	117A6026	manjeri.venkatesh17@siesgst.ac.in	BE (Mech)	Yes
17	Mauli Mirajkar	116A6025	mauli.mirajkar16@siesgst.ac.in	BE (Mech)	Yes
18	Meet Jeram	118A6029	meet.jeram18@siesgst.ac.in	SE (Mech)	Yes
19	Navin Mohan	118A6034	navin.mohan18@siesgst.ac.in	SE (Mech)	Yes





20	Naikar Premkumar	118A6033	naikar.premkumar18@siesgst.ac.in	SE (Mech)	Yes
21	Nirmit Rajesh Sawant	118A3051	nirmit.rajesh18@siesgst.ac.in	SE (IT)	Yes
22	Nishant Laddha	118A6026	nishant.rajesh18@siesgst.ac.in	SE (Mech)	Yes
23	Abhishek Shivraj Patil	119A6030	patilabhishek19@siesgst.ac.in	FE (Mech)	Yes
24	Prasanna Iyer	117A2043	prasanna.iyer17@siesgst.ac.in	TE (Extc)	Yes
25	Pritam Rajbhar	118A6044	rajbhar.pritam18@siesgst.ac.in	SE (Mech)	Yes
26	Ritu Rao Patibandla	116A1067	rao.ritu16@siesgst.ac.in	BE (CE)	Yes
27	Rishabh poojary	116A6041	rishabh.poojary16@siesgst.ac.in	BE (Mech)	Yes
28	ROHIT PATIL	116A6036	rohit.patil16@siesgst.ac.in	BE (Mech)	Yes
29	Rohith Reddy	118A6046	rohith.shankar18@siesgst.ac.in	SE (Mech)	Yes
30	Sadish Nadar	117A2065	sadish.nadar17@siesgst.ac.in	SE (Extc)	Yes
31	Nayak Sagar Ravindranath	218A4056	sagar.nayak218@siesgst.ac.in	TE (PPT)	Yes
32	Sameul Raju	117A6048	samuel.samuel17@siesgst.ac.in	BE (Mech)	Yes
33	Rohan Sanjay Shinde	117A2094	sanjay.rohan17@siesgst.ac.in	BE (Extc)	Yes
34	Geetesh Sarang	118A6049	sarang.geetesh18@siesgst.ac.in	SE (Mech)	Yes
35	Nachiket Shembekar	118A6052	shembekar.nachiket18@siesgst.ac.in	SE (Mech)	Yes
36	Shruti Azhagu Mani	118A1085	shruti.azhagu18@siesgst.ac.in	SE (CE)	Yes
37	Siddharth Shridhar	118A6054	siddharth.shridhar18@siesgst.ac.in	SE (Mech)	Yes
38	Snehal Chalke	117A2017	snehal.chalke17@siesgst.ac.in	BE (Extc)	Yes
39	Vedant Anand	118A6040	vedant.anand18@siesgst.ac.in	SE (Mech)	Yes
40	Viraj Shah	117A6052	viraj.shah17@siesgst.ac.in	BE (Mech)	Yes
41	Varshil Rambhia	118A6045	varshil.nitin18@siesgst.ac.in	SE (Mech)	Yes
42	Vignesh Nair	1172075	vignesh.nair17@siesgst.ac.in	TE (Extc)	Yes
43	Onkar Repe	117A6043	vilas.onkar17@siesgst.ac.in	TE (Mech)	Yes
44	Vishnu Ramachandran	118A6062	vishnu.ramachandran18@siesgst.ac.in	SE (Mech)	Yes
45	Vaishnavi Wani	219A6070	wanivaishnavi219@siesgst.ac.in	SE (Mech)	Yes
46	Yadava Ganesh	118A3063	yadava.ganesh18@siesgst.ac.in	SE (IT)	Yes



PRINCIPAL
S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY
Sri Chandrasekarendra Saraswathy Vidyapuram
Sri Chandrasekarendra Navi Mumbai - 400706
Sector - V, Nerul, Navi Mumbai - 400706



SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram

Sector 5, Nerul, Navimumbai-400706

Department of Humanities & Applied Sciences Student Development Programme on Universal Human Values June 29 to July 11, 2020

Student Development Program on Universal Human Values is designed in order to introduce students to the Values which are Universal in Nature. This SDP will help students to gain the knowledge which is not imparted in any classroom and it is very important throughout life. In new Education Policy it is recommended as mandatory subject. Students will be able to understand the difference the desires of Self and Physical facility, the importance of Relationship in our life, What is Harmony, How to become happy by being in Harmony with Self, Family, Society and Nature, Human values like Trust, Respect, Affection Care, Reverence, Gratitude, Guidance, Love etc

OBJECTIVES

- 1) Understand what are the desires of Self and Body
- 2) Understand What is Harmony
- 3) Understand How to live in Harmony with Self, Family, Society, Nature
- 4) Understand Trust, Respect, Affection Care, Reverence, Guidance, Gratitude, Love
- 5) Understand How to overcome Stress, Anxiety, Anger, Fear, Frustration

WHO WILL BE BENEFITED?

All the students who want to be Happy, Responsible and Balanced Human Being.

PREREQUISITE

No prerequisites.

OUTCOMES

Learner will be able to:

- 1) Student will be able to understand "Self" and desires of Self
- 2) Student will be able to handle Stress, Anxiety, Frustration, Fear, Anger
- 3) Student will be able improve his overall performance
- 4) Student will be Happy, Responsible and Balanced Human Being

CONTACT PERSON

- Dr. Manasi Karkare (9967014191), hod fe@siesgst.ac.in
- Prof. Mrinal Khadse (9819344929) mrinal.khadse@siesgst.ac.in
- Dr. Kanthimathi (9137372482) kanthimathi@siesgst.ac.in



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S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY Srl Chandrasekarendra Saraswethy Vidyaguram Sector - V, Nerul, Navi Mumbai - 400706

		SCHE	DULE		
WEEK 1:	Day 1	Day 2	Day 3	Day 4	Day 5
Resource	-	Dr. Manasi Karkare	Dr. Manasi Karkare	Dr. Manasi Karkare	Dr. Manasi Karkare
Time	11 am -12.30 pm	11 am -12.30 pm	11 am -12.30 pm	11 am -12.30 pm	11 am -12.30 pm
Topics	Understanding the need of Universal Human Values	Right Understanding	Harmony of Self with Body	Harmony in family	Me and Society
Time	3.30-5.00 pm	3.30-5.00 pm	3.30-5.00 pm	3.30-5.00 pm	3.30-5.00 pm
Topics	Assignment/ Activity/Reflection and Discussion	Assignment/ Activity	Assignment/ Activity	Assignment/ Activity	Assignment/ Activity
Resource person	Dr. G. Kanthimathi	Dr. G. Kanthimathi	Ms. Mrinal Khadse	Ms. Mrinal Khadse	Dr. G. Kanthimathi

SCHEDULE

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WEEK 2: Date	Day 1	Day 2	Day 3	Day 4	Day 5
Resource		Dr. Manasi Karkare	Dr. Manasi Karkare	Yoga teacher	Dr. Manasi Karkare
Time	11 am -12.30 pm	11 am -12.30	11 am -12.30 pm	11 am -12.30 pm	11 am -12.30 pm
	Trust and Respect	Affection,	Stress, Fear, Frustration, Anxiety	Breathing Techniques for overcoming Stress	True Happiness
Time	3.30-5.00 pm	3.30-5.00 pm	3.30-5.00 pm	3.30-5.00 pm	3.30-5.00 pm
Topics	Assignment/ Activity/Reflection and Discussion	Assignment/ Activity	Assignment/ Activity	Assignment/ Activity	Assignment/ Activity
Resource person	Dr. G. Kanthimathi	Ms. Mrinal Khadse	Ms. Mrinal Khadse	Dr. G. Kanthimathi	Dr. G. Kanthimath



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PRINCIPAL
S.I.E.S. GRADUATE SCHOOL OF TECHNOLOG
S:: Chandrasekarendra Saraswethy Vidyapura
Sector - V, Nerul, Navi Mumbal - 480706



SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector 5, Nerul, Navimumbai-400706

Department of Humanities and Applied Sciences Student Development Program Report

Universal Human Values June 29 to July 11, 2020

Event Information

Event Type: Student Development Program

Event title: Universal Human Values

Resource Person: Dr. Manasi Karkare, Ms. Mrinal Khadse and Dr. G. Kanthimathi

Event date: From: 29.06.2020 To: 11.07.2020

Organized for: Students of SIES Graduate School of Technology

Organized by: Dr. Manasi Karkarc

Target audience (branch & nos.): Students from first to final year and for all branches (Total:23)

Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance report

3. Feedback





Event Description

Student Development Program on Universal Human Values was designed in order to introduce students to the Values which are Universal in Nature. This SDP helped students to gain the knowledge which was not imparted in any classroom and it is very important throughout life. In new Education Policy it is recommended as a mandatory subject. Students were able to understand the difference the desires of Self and Physical facility, the importance of Relationship in our life, what is Harmony, how to live happily in Harmony with Self, Family, Society and Nature, Human values like Trust, Respect, Affection Care, Reverence, Gratitude, Guidance, Love etc

The main Objectives of this SDP are

- 1)Understand what are the desires of Self and Body
- 2) Understand What is Harmony
- 3) Understand How to live in Harmony with Self, Family, Society, Nature
- 4) Understand Trust, Respect, Affection Care, Reverence, Guidance, Gratitude, Love
- 5) Understand How to overcome Stress, Anxiety, Anger, Fear, Frustration

This SDP on UHV was a 10-day program with 2 sessions each day which covered a large aspect of human values by conducting interactive sessions, assignments, fun activities and special sessions by guest speakers. Assignments and tasks were assigned in relation to topic or mantra of the day.

SDP covered the fact that everyday spirit should be driven by aspiration and positivity -not by desires or greed. Having a check on our desires and source of inspiration was a highlighted event in the SDP.

Another important part of the SDP program was harmony and savouring. Our social environment and relations always leave an imprint in our lives. SDP ensured assignments which allowed the students to think of the many ways they grew connections and affections with themselves and their family. SDP helped students to correct the definition of success. Health was also one of the highlights of SDP.

Every day one activity was conducted including exercise, mediation, yoga and so on. Also, importance of proper diet and sleep patterns were discussed. The SDP made sure to add all of this in the curriculum and made the students to note that – happy body is a vessel to a happy soul.



PRINCIPAL S.I.E.S. GRADUATE SCHOOL (Sri Chandrasekarendra Sarasw Sector=V, Nerul, Navi Mun SDP also helped students to boost self-confidence and start believing in themselves. Inspiring talks and videos of great personalities were shared. In many a session believing one-self was discussed and interacted.

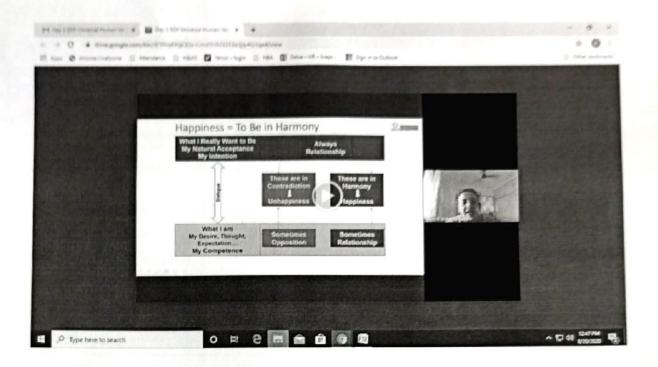
Three guest speakers Dr. Minu Mehta, Professor and Head Academics at IESMCRC, Mr. Shashikant S. Radke, VJTI Mumbai, Ms. Gayatri Naik, Shivajirao S Jondhale College of Engineering were invited and they delivered sessions.

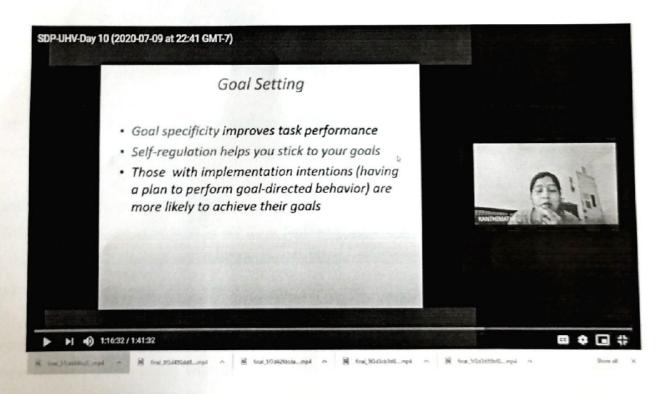
SDP on UHV started from a simple introduction and ended with a fun activity. All the important aspects of Human life and relations were discussed. Not problems but solutions were focused more. Accepting one, accepting surrounding and situation and working towards a meaningful goal was the essence of the program.



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Sri Chandrasekarendra Saraswat
Sector V, Nerul, Navi Mumb

1. Photographs (in JPEG/PNG)







PRINCIPAL
S.I.E.S. GRADUATE SCHOOL OF TEEHUE
Sri Chandrasekareadra Suraniumstry Vidys
Sector-V, Nerul, Navi Alumbat-4001

2. Attendance report (Scanned copy)

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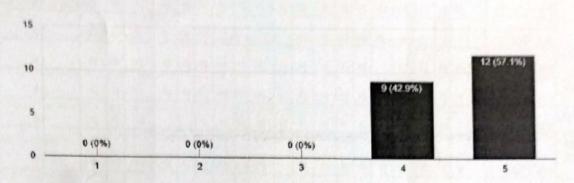


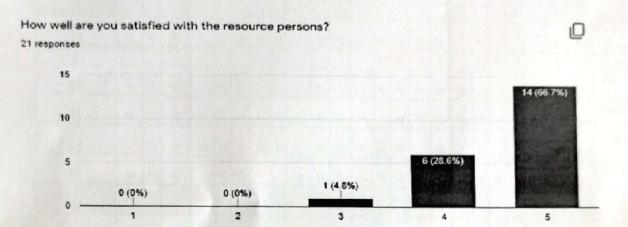


PRINCIPAL
S.I.E.S. GRADUATE SCHOOL OF 1
Sri Chandrasekarendra Sarasweth
Sector = V, Nerul, Navi Mumba

2. Feedback Report (Scanned copy)

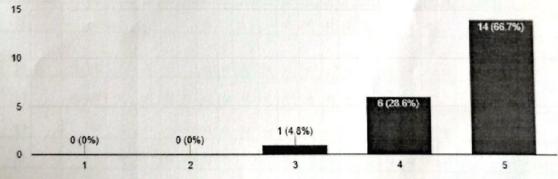
How well are you satisfied with the SDP? 21 responses





Whether the sessions in the SDP was found helpful and did it increase your understanding?

21 responses





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Sri Chandrasekarendra Sarasumithy Vidyaberar
Sector-V, Nerul, Navi Mumbai - 40070

Which session do you like the most? 21 responses

The workout session

Tedx, exercise and activities, inspirational video, teacher guidance almost everything

Games sessions and guest speaker sessions

I like all the session. But the session I like the most was about hormony with self-and also yoga sessions.

Game session

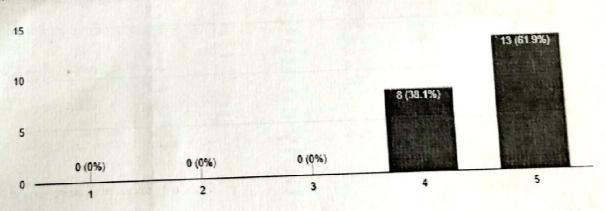
Guest speaker -Ted x

This session based on mental well-being which was the key factor of this course and I liked it the most.

All the sessions

The session of harmony with family

What is your overall rating for this SDP? 21 responses





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Sri Chandrasekarendra Saraswett
Sector-V, Nerul, Navi Mumbal

RISE WITH EDUCATION Graduate School of Technology

Cr. No: SDPUHV01

Certificate of Participation

This is to certify that

Aaryan Kumbhar

has successfully completed the Student Development Program

on " Universal Human Values "

held at SIES Graduate School of Technology, Nerul

from 29.06.2020 to 11.07.2020



Humanities and Applied Sciences) (H.O.D, Department of Dr. Manasi Karkare

A.N. Kem Cana Barnes

Dr. Atul Kemkar (Principal)



