List of SDP in AY 2021-22:

- Blockchain Technology
- Structural Modeling and 3D Printing
- Natural language processing using python
- Advanced Antenna Design Using HFSS
- Workshop on Rpi
- Image Processing and Machine Learning using Python
- Full Stack Web Development

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: Value Added Program
Event Title: Blockchain Technology
Resource Persons: Dr.Rizwanashaikh, Prof.KalyaniPampattiwar, Sai Apurva Gollapalli, Prasad Ghag, Revanth Kumar
Event Date: 13/12/2021 to 18/12/2021
Organized for: TE, BE Comp/IT/EXTC Students
Organized by: Computer Engineering, SIES GST
Target Audience (Branch & Nos.): Undergraduate Students (CE/IT/EXTC : students)
Attachments: 1. Photographs (JPEG/PNG) **2. Attendance Report** **3. Feedback Report**

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

Event Description

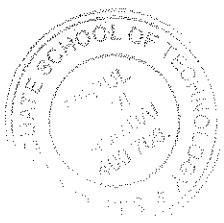
Department of Computer Engineering of SIES GST organized an Value Added Program from 13/12/2021 to 18/12/2021 for TE/BE students.

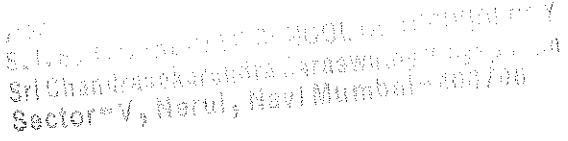
Dr. Aparna Bannore, HOD CE has addressed the students about the overview of program and internship to be conducted. She explained the benefits of learning security and blockchain. Also various career opportunities available in the field of security.

Around 22 participants from TE and BE attended the program . Entire program was carried out in six days span. Eveready's session is divided into two halves morning and afternoon.

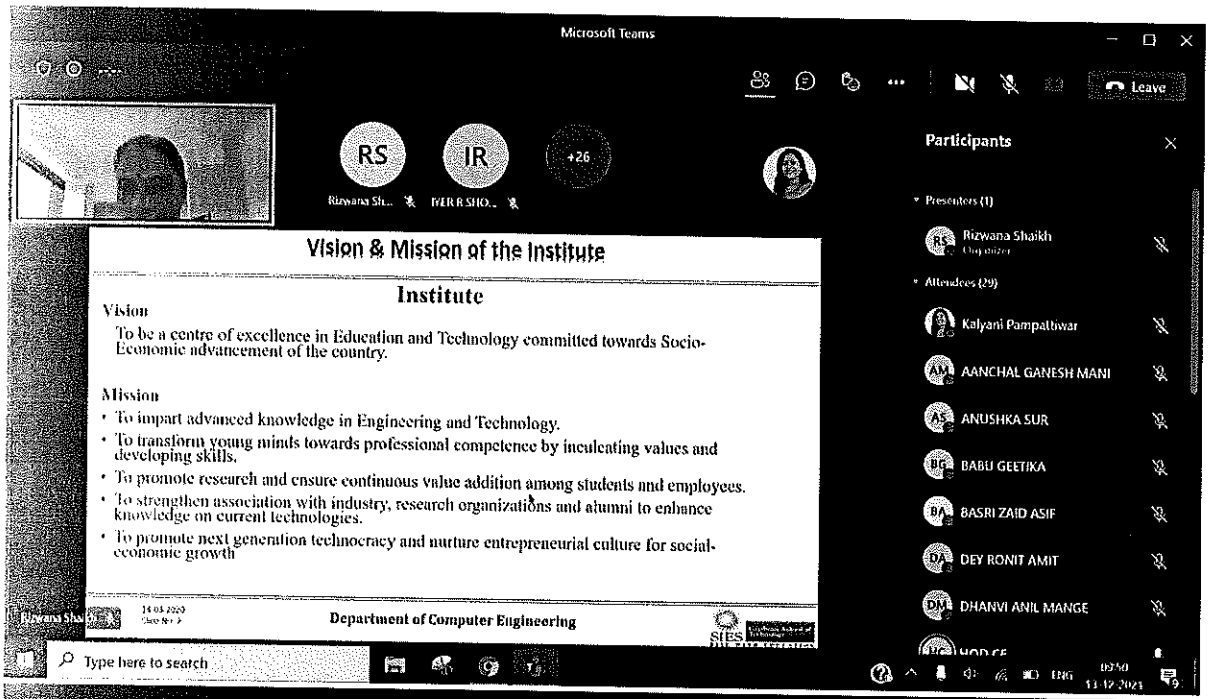
The Sessions started with covering basics of Security and need of Blockchain. Various tools were identified and studied along with the demonstration. A sample project in the form of mini project is the expected outcome of the course.

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. kalyani Pampattiwar on Introduction to solidity, Remix IDE framework and Sample contract., Deploying Smart Contracts, using Metamask for transfer of ethers.. Day 4 session was delivered by Dr. Rizwana Shaikh on Ganache and various case studies. Day 5 was conducted by Ms. Apurva Gollapalli and Mr. Prasad Ghag on topic "Blockchain Technology Case Study using Hyperledger" and "Blockchain-Corda" respectively. Day 6 hands-on session was conducted by Revath Kumar on "Blockchain Implementation". 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.





1. Photographs (in JPEG/PNG):

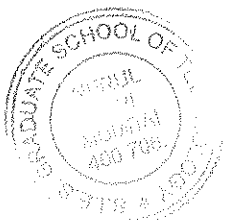


2. Attendance and Feedback Report (Scanned copy):

Attendance report of Value Added Program on Blockchain Technology(13 Dec to 18 Dec 2021)

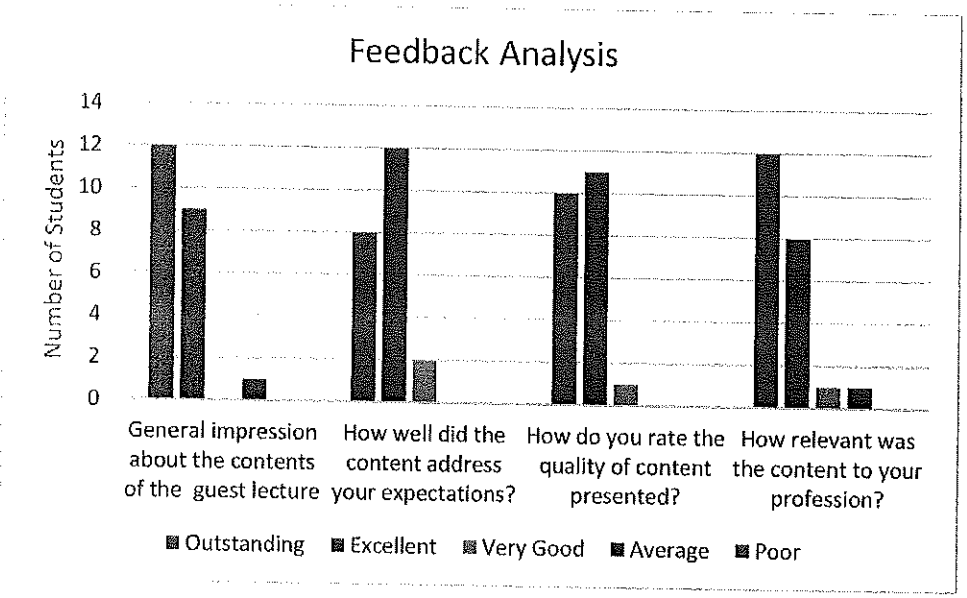
Sr.No.	Name of the studen	Roll No.	Branch	Year	13-12-2021	14-12-2021	15-12-2021	16-12-2021	17-12-2021	18-12-2021
1	Sridhar Krishnan	220A1106	CE	TE	P	P	P	P	P	P
2	Abhishek Shinde	119A3003	IT	TE	P	P	P	P	P	P
3	Saarabi Salim Parkar	118A3034	IT	BE	P	P	P	P	P	P
4	Iyer jatin Balamurali	220A1099	CE	TE	P	P	P	P	P	P
5	Khush Patil	119A2030	EXTC	TE	P	P	P	P	P	P
6	Aansh Sagar	118A1001	CE	BE	P	P	P	P	P	P
7	Akash Nadar	118A3028	IT	BE	P	P	P	P	P	P
8	Ronit Dey	119A3012	IT	TE	P	P	P	P	P	P
9	Dhanvi Mange	119A3013	IT	TE	P	P	P	P	P	P
10	Anurag Nala	119A2048	EXTC	TE	P	P	P	P	P	P
11	Dhruv R Suvarna	119A2015	EXTC	TE	P	P	P	P	P	P
12	Aswin Nair	119A2046	EXTC	TE	P	P	P	P	P	P
13	Janani Iyer	119A1030	CE	TE	P	P	P	P	P	P
14	Shobhana Iyer	119A3021	IT	TE	P	P	P	P	P	P
15	Rishikesh Gharat	119A1063	CE	TE	P	P	P	P	P	P
16	Manoj Inbarajan	119A1041	CE	TE	P	P	P	P	P	P
17	Abhishek Virendra Sing	119A3004	IT	TE	P	P	P	P	P	P
18	Shardul Ganesh Gore	119A1073	CE	TE	P	P	P	P	P	P
19	Sarvesh Moraskar	119A1046	CE	TE	P	P	P	P	P	P
20	Aniruddha Patil	119A1056	CE	TE	P	P	P	P	P	P
21	Akshay Srikanth	119A1007	CE	TE	P	P	P	P	P	P
22	Geetika Babu	119A3019	IT	TE	P	P	P	P	P	P

Meeting Attendance Sample



Meeting Summary						
Total Num	24					
Meeting Ti	Value Added Course On Blockchain Technology					
Meeting St	12/16/2021, 9:57:32 AM					
Meeting En	12/16/2021, 12:30:04 PM					
Meeting Id	cb7ab33e-e184-4e83-964a-cf1dfbe88536					
Full Name	Join Time	Leave Time	Duration	Email	Role	Participant ID (UPN)
IYER JANAI	12/16/20	12/16/20	2h 32m	jananiice	Attendee	jananiice119@gst.sies.edu.in
Rizwana S	12/16/20	12/16/20	2h 31m	rizwanas@	Organizer	rizwanas@sies.edu.in
OEY RONIT	12/16/20	12/16/20	2h 29m	ronitdit11	Attendee	ronitdit119@gst.sies.edu.in
SHINDE AB	12/16/20	12/16/20	2h 29m	abhisheks	Attendee	abhisheksit119@gst.sies.edu.in
MORASKA	12/16/20	12/16/20	2h 29m	sarveshm	Attendee	sarveshmce119@gst.sies.edu.in
SHARDUL (	12/16/20	12/16/20	2h 29m	shardulgc	Attendee	shardulgce119@gst.sies.edu.in
PATIL KHU	12/16/20	12/16/20	26m 44s	khushpext	Attendee	khushpextc119@gst.sies.edu.in
PATIL KHU	12/16/20	12/16/20	1h	khushpext	Attendee	khushpextc119@gst.sies.edu.in
DHANVI AI	12/16/20	12/16/20	2h 26m	dhanvimit	Attendee	dhanvimit119@gst.sies.edu.in
BABU GEE	12/16/20	12/16/20	2h 26m	geetikabit	Attendee	geetikabit119@gst.sies.edu.in
Sridhar Kr	12/16/20	12/16/20	2h 26m	sridharkc	Attendee	sridharkce220@gst.sies.edu.in
R SHIKESH	12/16/20	12/16/20	2h 25m	rishikeshg	Attendee	rishikeshgce119@gst.sies.edu.in
NALA ANUI	12/16/20	12/16/20	2h 23m	anuragnex	Attendee	anuragnextc119@gst.sies.edu.in
IYER R SHC	12/16/20	12/16/20	2h 22m	shobhana	Attendee	shobhanaiit119@gst.sies.edu.in
PARKAR SA	12/16/20	12/16/20	2h 21m	saarabipi	Attendee	saarabipit118@gst.sies.edu.in
NADAR AK	12/16/20	12/16/20	2h 21m	akashnit1	Attendee	akashnit118@gst.sies.edu.in
ANUSHKA	12/16/20	12/16/20	2h 21m	anushkas	Attendee	anushkasextc119@gst.sies.edu.in
SINGH ABH	12/16/20	12/16/20	2h 19m	abhishekv	Attendee	abhishekvsit119@gst.sies.edu.in
PATIL ANIF	12/16/20	12/16/20	2h 19m	aniruddha	Attendee	aniruddhapce119@gst.sies.edu.in
NAIR ASW	12/16/20	12/16/20	2h 17m	aswinnext	Attendee	aswinnextc119@gst.sies.edu.in
iyer Jatin I	12/16/20	12/16/20	1h 39m	jatinice22	Attendee	jatinice220@gst.sies.edu.in
iyer Jatin I	12/16/20	12/16/20	52s	jatinice22	Attendee	jatinice220@gst.sies.edu.in
SUVARNA I	12/16/20	12/16/20	2h 8m	dhruvsext	Attendee	dhruvsextc119@gst.sies.edu.in
PAWAR VI	12/16/20	12/16/20	1h 4m	vikrantpit	Attendee	vikrantpit118@gst.sies.edu.in
AANCHAL (	12/16/20	12/16/20	1h 3m	aanchalm	Attendee	aanchalmit118@gst.sies.edu.in
AANCHAL (	12/16/20	12/16/20	15m 11s	aanchalm	Attendee	aanchalmit118@gst.sies.edu.in
PATIL SAM	12/16/20	12/16/20	57m 11s	samarjeet	Attendee	samarjeetpit118@gst.sies.edu.in

3. Feedback Analysis



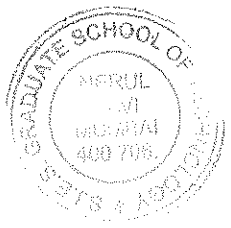
Additional Comments Provided by Students:

1. The session was really informative and the lecturer covered all the necessary concepts.

2. Was quite helpful session. Even useful and easy to understand for students from other branches.
3. One of the best lectures on blockchain
4. Found the 6-day workshop to be very informative. Enlightened with various hands-on skills. Overall It was well structured and very understandable.
5. Informative and useful. Would appreciate if such workshops are conducted on latest technologies.
6. SDP was very useful

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.



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

Department of Printing and Packaging Technology

Event Report

Value-added course on Structural Modeling and 3D Printing

13/12/2021 to 24/12/2021

Event Information
Event Type: Value added course with internship projects
Event title: Structural Modeling and 3D Printing
Resource Person: External: Mr. Karan Chaphekar - Consultant 3D Printing, **Internal:** Prof. Prashant Ambadekar Prof. Mohd. Ali Ansari Prof. Sandesh Ramteke Prof. Sagar Waghmare.
Event date: 13/12/2021 to 24/12/2021
Organized for: ■ Student ☐ Faculty
Organized by Department of Printing and Packaging Technology and Mechanical Engineering Department
Target audience :SE,TE and BE students **Branch:** PPT and MECH **Number of students registered:** 31 **Number of students joined on first day:** 14 **Number of students completed the course:** 12 **Number of students completed the internship projects:** 12
Attachments: **1. List of internship Projects completed by the students** **2. List of students** **3. Attendance report** **3. Feedback** **4. Certificate, Photographs (in JPEG/PNG)**

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SECTOR-V, NERUL, NAVI MUMBAI-400 706.

Event Description

The event was a great success, as 16 students from both Printing and Packaging technology department and Mechanical Engineering were present for the workshop on one platform.

Students were benefited with the session by knowing methods to build an STL based 3D printer of their choice and troubleshoot various issues arising while printing the object. Robust situations that arise during the actual printing were experienced by the participants and hands-on training was provided during the session on day 6 and 7. The result of which was observed when students designed a product of their own using SolidWorks and 3D printed it on the printer with hands-on experience. There were assignments that were offered to students and solutions that were provided in case of any difficulty. Industry expert Mr. Chaphekar shared his experience on building 3D printers and challenges faced by the industry.

Attachments:

1. List of internship Projects completed by the students:

I. Project on 3D Modelling

II. Project using 3D slicer Software

2. List of students / 3. Attendance Report

Sr. No	PRN	Name of Student	Branch	Year of Study	Contact (Mobile) Number	Email id (sies.edu.in)
1	219A6069	Sidharth vijayaramesh	ME	Final Year	9167329179	sidharthvme219@gst.sies.edu.in
2	119A6054	Shubham varade	ME	Final Year	7506268436	shubhamvme119@gst.sies.edu.in
3	119A6011	Prayag gorule	ME	Third Year	9082902588	prayaggme119@gst.sies.edu.in
4	118A6022	Varun konar	ME	Third Year	8928051933	varunkme118@gst.sies.edu.in
5	118A6002	Akhilesh srilalan	ME	Third Year	8898228533	akhileshsme118@gst.sies.edu.in
6	119A6044	Siddhesh sawant	ME	Final Year	9920048255	siddheshsme119@gst.sies.edu.in
7	118A6026	Nishant laddha	ME	Final Year	9167022833	nishantlme118@gst.sies.edu.in
8	119A6050	Vikhilan swamy	ME	Third Year	9167714114	vikhilansme119@gst.sies.edu.in
9	119A4018	Sandhvi thakur	PPT	Third Year	7820831385	sandhvitppt119@gst.sies.edu.in
10	119A4014	Harshada kurade	PPT	Third Year	7045484695	harshadakppt119@gst.sies.edu.in
11	118A6031	Afhan mulla	ME	Third Year	9359296329	afhanmme118@gst.sies.edu.in
12	119A4021	Subhankar kesharwani	PPT	Third Year	9082403911	subhankarkppt119@gst.sies.edu.in
14	119A6047	Srikirshna naganathan	ME	Third Year	7678065952	srikirshnanme119@gst.sies.edu.in

3. Certificate, Photographs (in JPEG/PNG)

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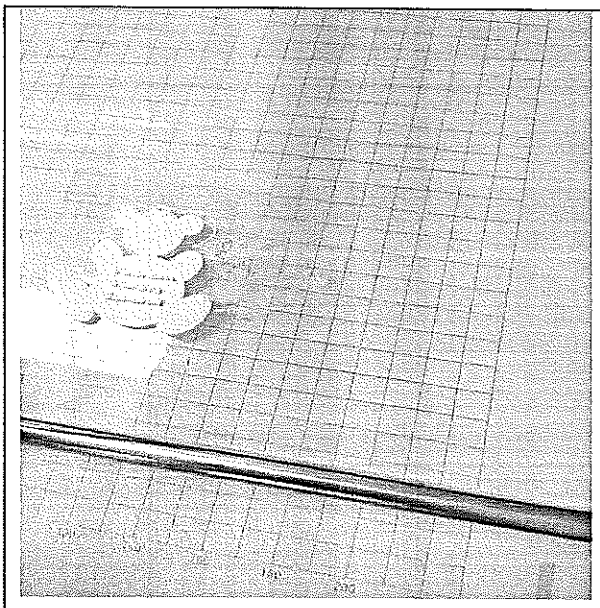

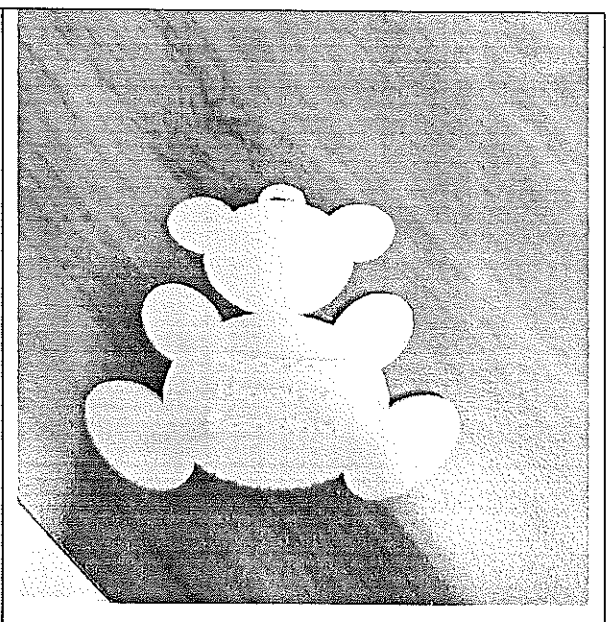

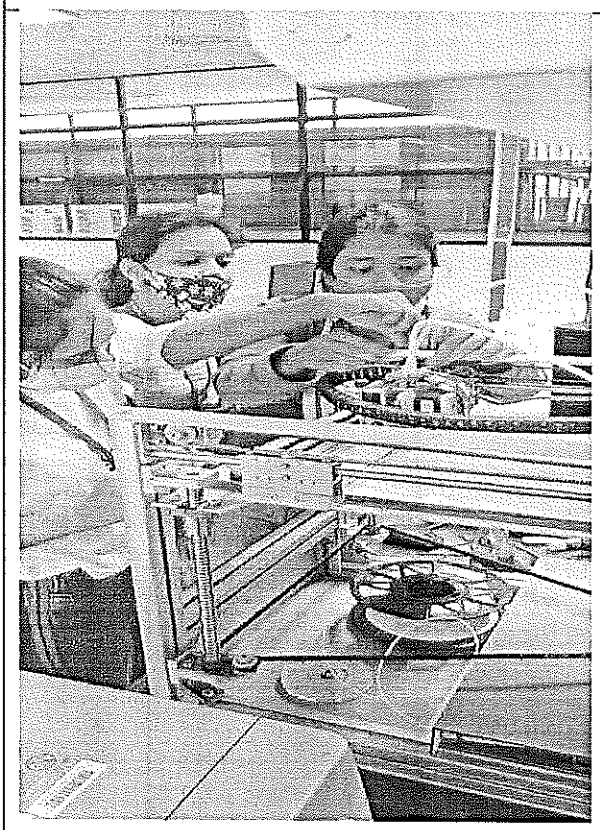

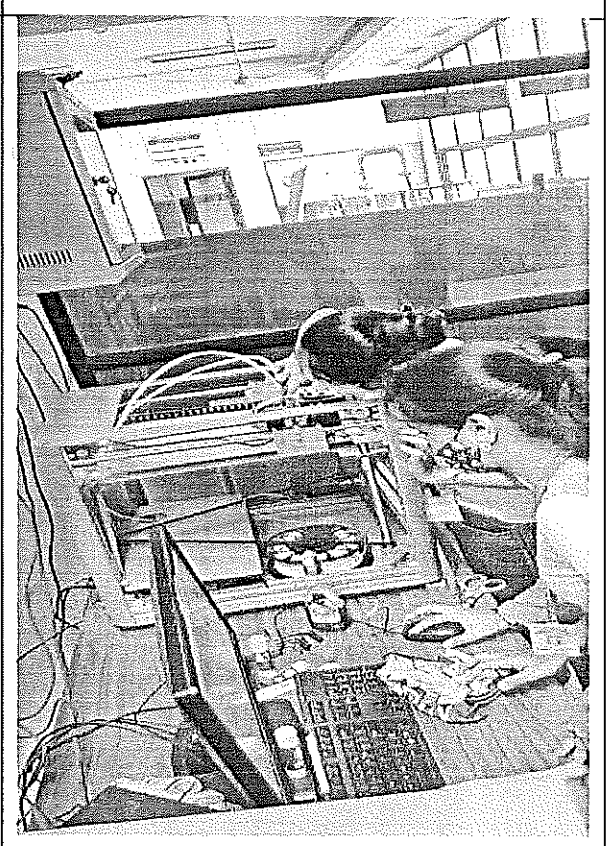

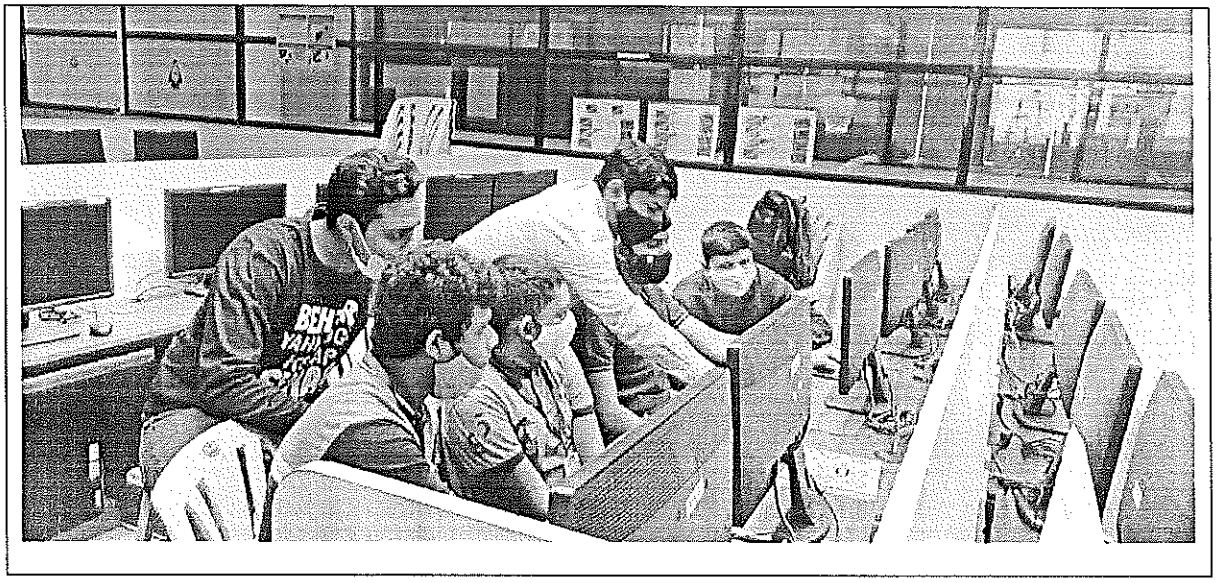

Impact of Feedback

Students were given hands-on training on the powder based, Fused Deposited Modeling machine (3D Printer). Students designed the components in Solidworks and the .STL file was fed to the 3D printer, which printed the object as shown in the photographs above.

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Sr. No	PRN	Name of Student	Branch	Year of Stu	Link for ce	Link for report
1	219A6069	Sidharth vijayaramesh	ME	Final Year	https://sie	
2	119A6054	Shubham varade	ME	Final Year	scms-	
3	119A6011	Prayag gorule	ME	Third Year	my.sharep	
4	118A6022	Varun konar	ME	Third Year	oint.com/:	
5	118A6002	Akhilesh srilalan	ME	Third Year	f:/g/perso	
6	119A6044	Siddhesh sawant	ME	Final Year	nal/prajak	
7	118A6026	Nishant laddha	ME	Final Year	tak_sies_e	
8	119A6050	Vikhilan swamy	ME	Third Year	du_in/ErA	
9	119A4014	Harshada kurade	PPT	Third Year	CUow5Ze	
10	118A6031	Afhan mulla	ME	Third Year	1JnFQiS3N	
11	119A4021	Subhankar kesharwani	PPT	Third Year	8B9kBbPa	
12	119A6047	Srikirshna naganathan	ME	Third Year	CeD0Y0Lj	

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South Indian Education Society's
GRADUATE SCHOOL OF TECHNOLOGY, Navi Mumbai.
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Value added course on
Natural Language Processing using Python
(Dec 20-Dec 24, 2021)
Click here to register

Natural language processing is a branch of computer science and artificial intelligence which is concerned with interaction between computers and human languages. Natural language processing is the study of mathematical and computational modeling of various aspects of language and the development of a wide range of systems.

Duration of Course: 40 Hrs

About Instructors:

This course will be taught by a team of various eminent programming experts from Industry and SIESGST faculty members of Electronics and telecommunication Department.

Various Industry Experts from Natural Language Processing Domain:

1. Mr. Samarth Sarin - (Gartner- Data Scientist)

Expert talk:

1. Ms. Pranita Mahajan (Assistant Professor, SIES GST)

Faculty Members:

1. Prof. Madhuri Kulkarni (Assistant Professor)
2. Prof. Priyanka Kadam (Assistant Professor)

Course Objectives:

1. To understand challenges of empirical methods for natural language processing (NLP) applications.
2. To introduce basic mathematical models and methods used in NLP applications to formulate computational solutions.
3. To provide the knowledge on designing procedures for text analysis and hands-on experience using NLP tools.

Course Outcomes:
At the end of the course Students will be able to

1. Explain the fundamental mathematical models and algorithms in the field of NLP.
2. Apply mathematical models and algorithms to implement different application in the field of NLP
3. To enhance programming skills for computational linguistics applications of NLP.

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Course Content:

Prerequisite:

1. Basic knowledge of python.
2. Environment setup: a) Download Anaconda b) Run setup file

Module	Content	Duration
1.	Introduction to NLP: What is NLP, Need of NLP, NLP Libraries, Applications of NLP (Case Studies), Assignment.	8 Hrs
2.	Text Processing: Tokenization (word and sentence), Normalising, Stemming, Lemmatization, Assignment. Stemming: Porter Stemmer, Lancaster Stemmer, Snowball Stemmer	8 Hrs
3.	Word Net: What is WordNET, The Distinction Between WordNET and Thesaurus, Structure of WordNET, Relations in the WordNET, Implementation of WordNET PoS: PoS tagging, PoS Tagging with Stop words, Dependency Parsing, Constituency Parsing. Need of Frequency based Embedding: Bag of word, TF IDF	8 Hrs
4.	Named entity recognition : NER using NLTK, NER using spaCy, Applications, Visualization using Parse tree. Word embedding: One hot encoding, Word2Vector, Glove N-Gram : Word to vector using character N-Gram	8 Hrs
5.	Text classification in NLP using machine learning, Google Dialog flow and Chatbot	8 Hrs
6.	Project Presentation and Case study Discussion	

Assessment:

1. Module wise assignments and quizzes should be completed by students, based on that certificate will be issued.

Internship:

Project Based Internship after successful completion of the course will be offered to the participants.

Course Coordinators:

Prof. Madhuri Kulkarni
madhurik@sies.edu.in
9595008467

Prof. Priyanka Kadam
priyankak@sies.edu.in
7045410881

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Day wise schedule of workshop

Day	Activity
Day 1 (20/12/2021)	Introducation on Natural Language Processing and its applications, NLP using python libraries Hands on NLP using Python libraries
Day 2 (21/12/2021)	Getting started with NLTK, Tokenizing Text, Normalizing text, segmentation, formatting Hands on the above topics with exersies using Jupyter or colab Assignment Quiz1
Day 3 (22/12/2021)	Bag of words and TF-IDF, Part of speech tagging Hands on the above topics with exersies using core NLP tool
Day 4 (23/12/2021)	Word embedding, N-grams, Named Entity Recognition (NER), word net Hands on the above topics with exersies using Dialogflow Assignment Quiz2
Day 5 (24/12/2021)	Text classification in NLP using machine learning, Google dialogflow and Chatbot Hands on the above topics with exersies using Dialogflow

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Department of Electronics and Telecommunication Engineering

Event Report

Natural Language Processing using Python
(December 20th to December 31st, 2021)

Event Information
Event Type: SDP/Internship
Event title: Natural Language Processing using Python
Resource Person: 1. Industry expert Mr. Samarth Sarin - (Gartner- Data Scientist) 2. Expert talk: Ms. Pranita Mahajan (Assistant Professor, SIES GST) 3. Prof. Madhuri Kulkarni (Assistant Professor, SIES GST) 4. Prof. Priyanka Kadam (Assistant Professor, SIES GST)
Event date: December 20th to December 31st, 2021
Organized for: Students
Organized by Department of Electronics and Telecommunication
Target audience (branch & nos.): EXTC(19) + CE (7) +IT (6) +MECH (1) = 33
Attachments: **1. Photographs (in JPEG/PNG)** **2. Attendance report** **3. Feedback**

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Sector-V, Nerul, Navi Mumbai-400706

Event Description

Department of Electronics and Telecommunication is organized SDP/internship on **Natural Language Processing using Python from 20th December to December 31st 2021.**

This course provides the broad introduction to the fundamentals of the Natural Language Processing long with hands on in python. This course covered different techniques used in NLP such as Tokenization, stemming, lemmatization, BOW, TF-IDT and word embedding.

The session based on Google dialog flow and Chabot was conducted by industry expert from Gartner.

Also one guest session was conducted based on text classification which can be helpful for students to implement their projects.

At the end of course students had submitted mini project in group based on applications of NLP.

Assessment is carried out with the help of quiz, assignments and mini project.

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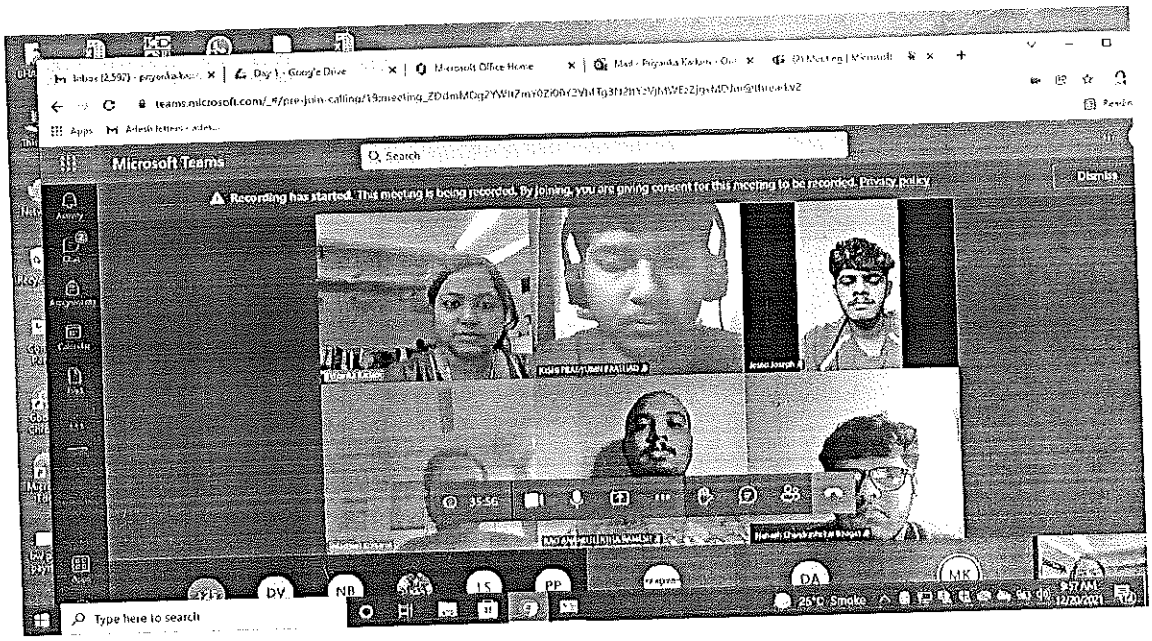
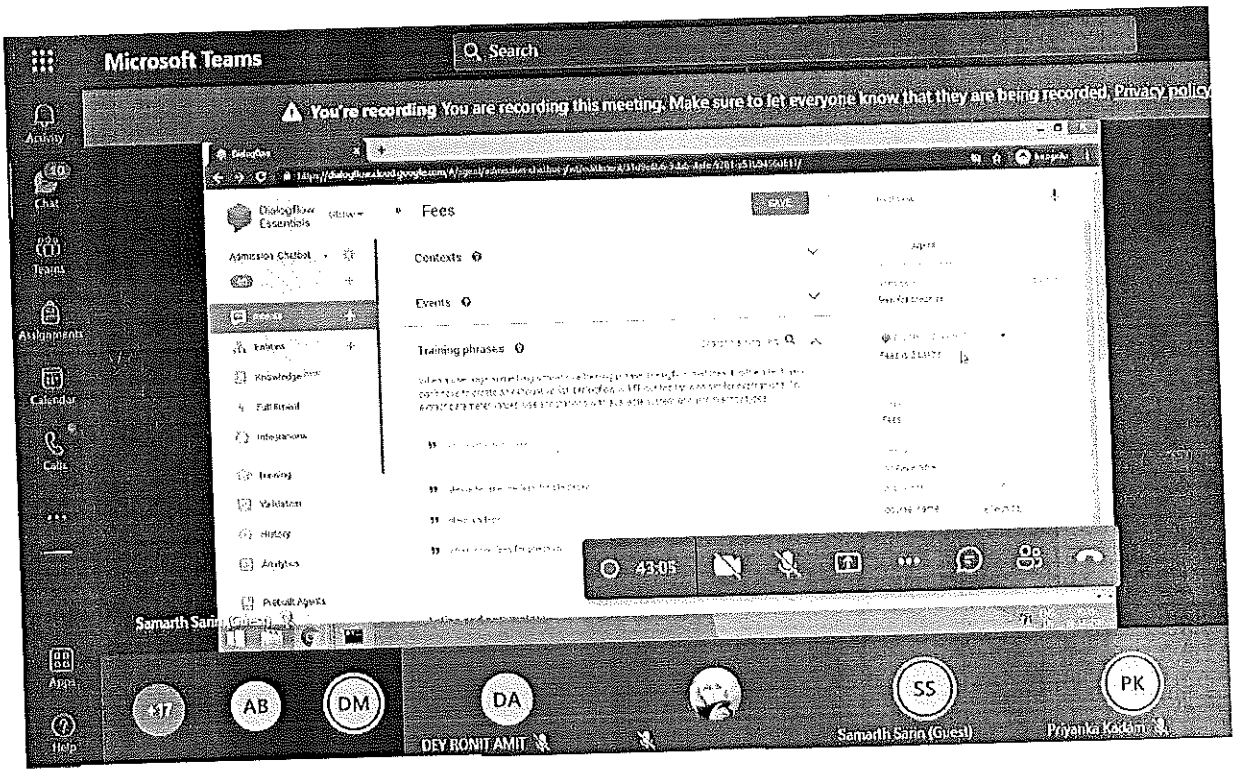
1. **Photographs (in JPEG/PNG)**





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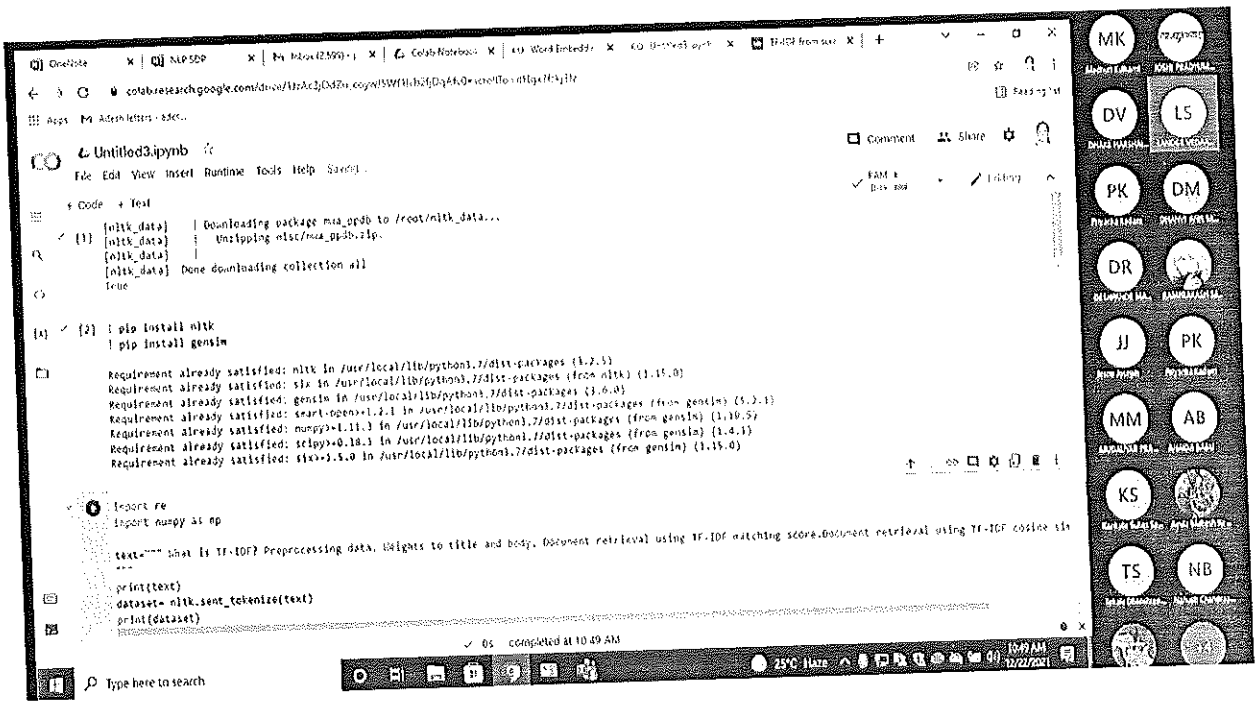

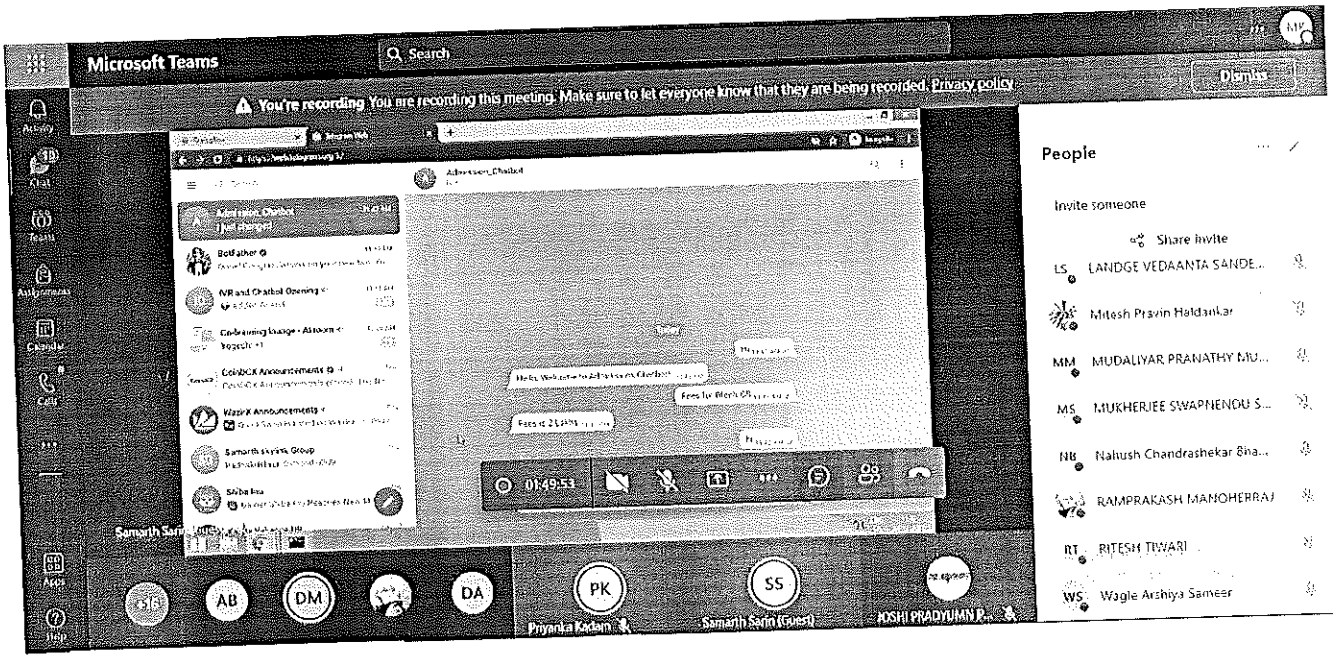

2. Attendance report

Sr. No	Roll No	Name	Class	Branch	20-12	21-12	22-12	23-12	24-12
1	118A3028	AKASH NADAR	BE	IT	p	p	p	p	p
2	119A2027	PRADYUMN JOSHI	TE	EXTC	p	p	p	p	p
3	220A2107	Jesno Joseph	TE	EXTC	p	p	p	p	p
4	118A1034	ANUSHREE KOLHE	BE	CE	p	p	p	p	p
5	220A2103	Nahush Bhagat	TE	EXTC	p	p	p	p	p

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6	119A3013	DHANVI MANGE	TE	IT	p	p	p	p	p
7	118A2004	ANAIDA RAGHAVAN	BE	EXTC	p	p	p	p	p
8	119A2043	PRANATHY MUDALIYAR	TE	EXTC	p	p	p	p	p
9	119A2018	PAVLIN FERNANDES	TE	EXTC	p	p	p	p	p
10	119A3024	JAIJANANI RADHAKRISHNAN	TE	IT	p	p	p		p
11	118A1067	ANANDTEERTHA RAO	BE	CE	p	p	p		p
12	119A3012	RONIT DEY	TE	IT	p	p	p	p	p
13	119A1087	SRUTHI PANKAJAKSHAN	TE	CE	p	p			p
14	119A2037	VEDAANTA LANDGE	TE	EXTC	p	p	p	p	p
15	220A2102	Avula Kanakaiah	TE	EXTC	p	p	p	p	p
16	118A2017	MANASI DESHPANDE	BE	EXTC	p	p	p	p	p
17	119A1017	SRIVARI CHETTIYAR	TE	CE	p	p	p	p	p
18	118A2023	RATNAHARSH GANNERWARAM	BE	EXTC	p	p	p	p	p
19	119A1007	AKSHAY SRIKANTH	TE	CE	p	p	p	p	p
20	119A3006	MEHUL ASWAR	TE	IT	p	p	p	p	p
21	220A2127	Dhanshree Tekale	TE	EXTC	p	p	p	p	p
22	220A2106	Mitesh Haldankar	TE	EXTC	p	p	p	p	p
23	118A3020	SURAJ IYER	BE	IT	p	p	p	p	p
24	220A2108	Suhas Kankute	TE	EXTC	p	p	p	p	p
25	119A2024	HARSHAL DHAKE	TE	EXTC	p	p	p	p	p
26	118A2006	ANJANA ASHOKKUMAR	BE	EXTC	p	p	p	p	p
27	119A2044	SWAPNENDU MUKHERJEE	TE	EXTC	p	p	p	p	p
28	119A1074	PRAPTHI SHETTY	TE	CE	p	p	P	A	p
29	118A2086	RAMPRAKASH NADAR	BE	EXTC	p	p	p	p	p
30	220A2130	Arshiya Wagle	TE	EXTC	p	p	p	p	p
31	118A2065	ROHAN MORE	BE	EXTC	p	p			p
32	119A1041	MANOJ INBARAJAN	TE	CE	p	p	p	p	
33	118A6024	KSHIRSAGAR PARAG SANJAYKUMAR	BE	Mech	p	p	p	p	p

Mini project list:

1) Be safe - Personal medical Assistant
2) Find Covid Vaccine Slot(India) using Python
3) Automatic Text Summarization
4) Student Result Management System
5) Twitter Sentiment Analysis
6) Chatbots Across different platforms like WhatsApp, Telegram, Google Assistant, Fb Messenger, Websites, Slack
7) Sentiment Analysis on Real time Twitter Data
8) Covid Bot for Nearest Testing Centers, Plasma Donation and Receiver registration etc
9) Topic Modelling for different set of Documents to find out prominent topics
10) Toxic Comment Classification using Machine Learning / Deep Learning

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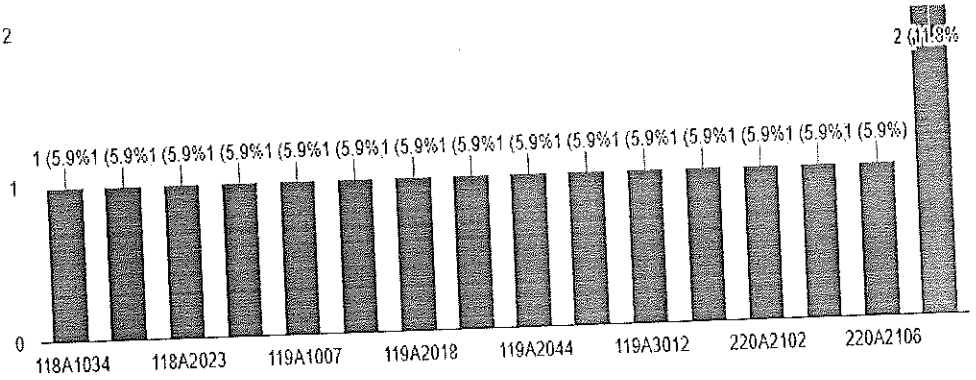
11) Quora Insincere Questions Classification using Machine / Deep Learning
12) Be safe - A chatbot to support safety procedures
13) Find Covid Vaccine Slot(India) using Python

3. Feedback (Analysis)

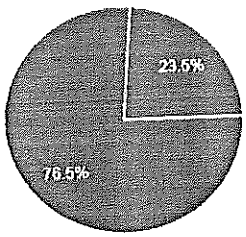
Roll Number (Ex 118A2001)

17 responses



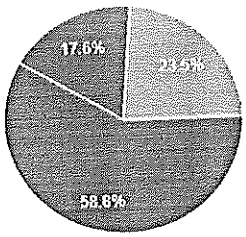
Class

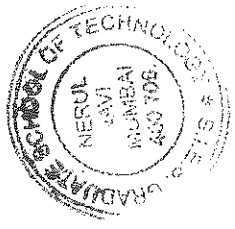
17 responses



BRANCH

17 responses





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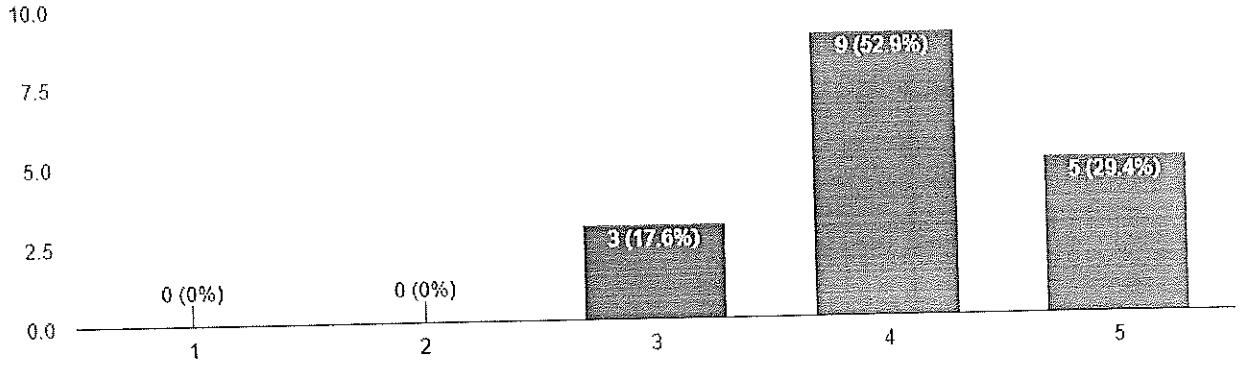
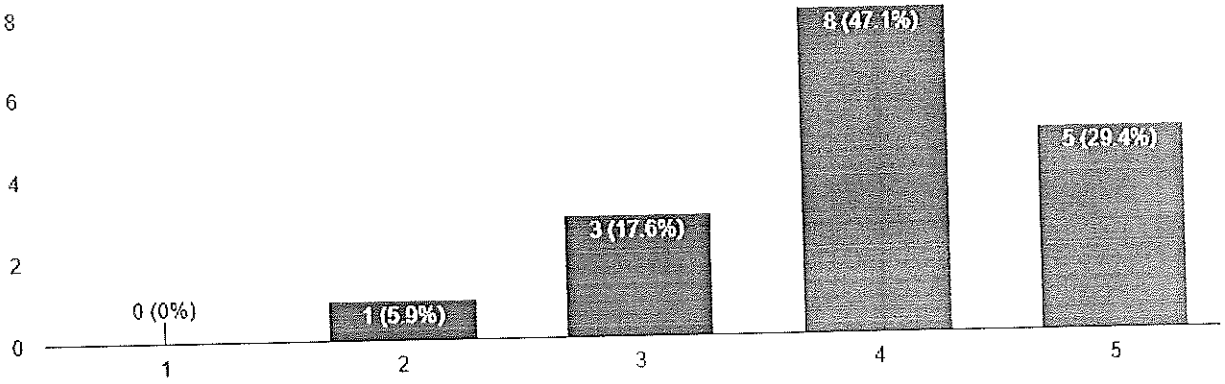
Are you able to explain the fundamental mathematical models and algorithms in the field of NLP?

17 responses



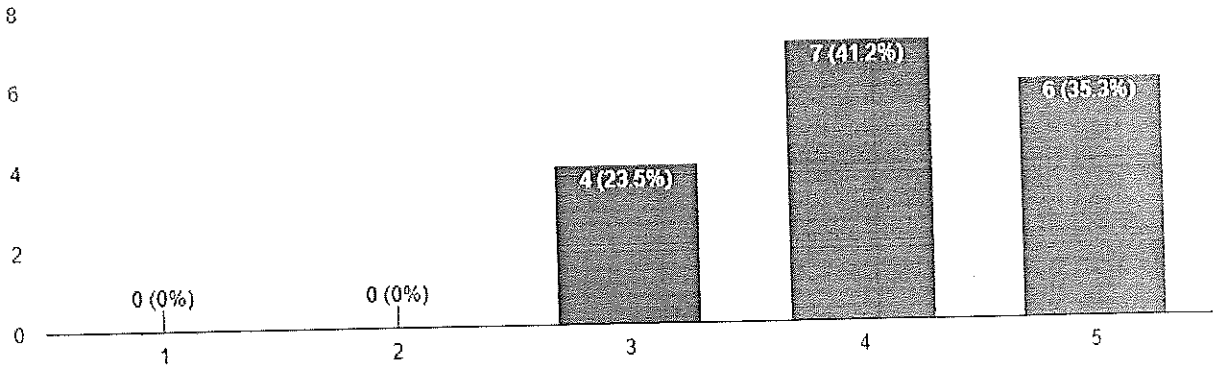
Are you able to apply mathematical models and algorithms to implement different application in the field of NLP?

17 responses



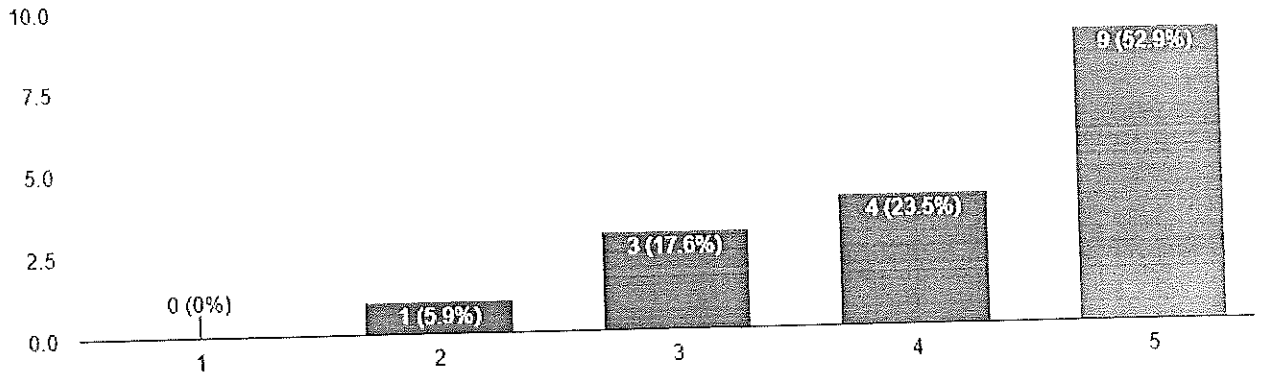
Are you able to enhance programming skills for computational linguistics applications of NLP.

17 responses



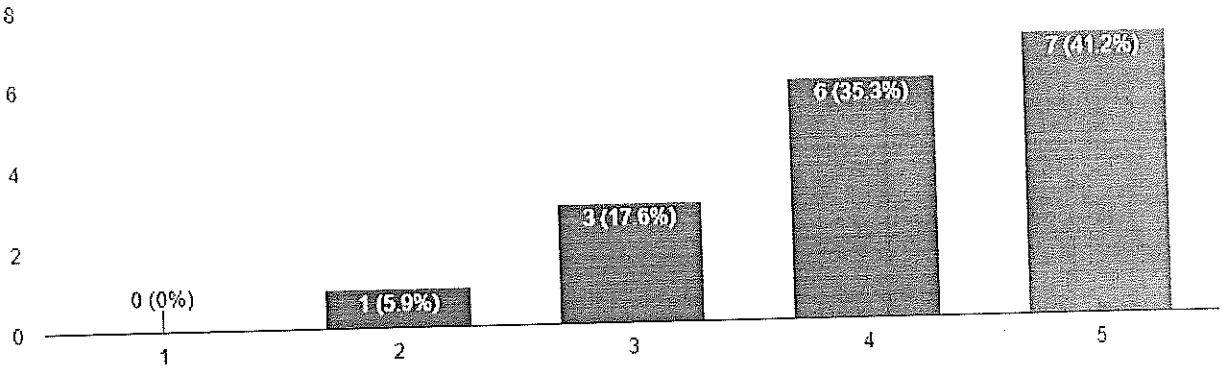
Content delivery by speakers

17 responses



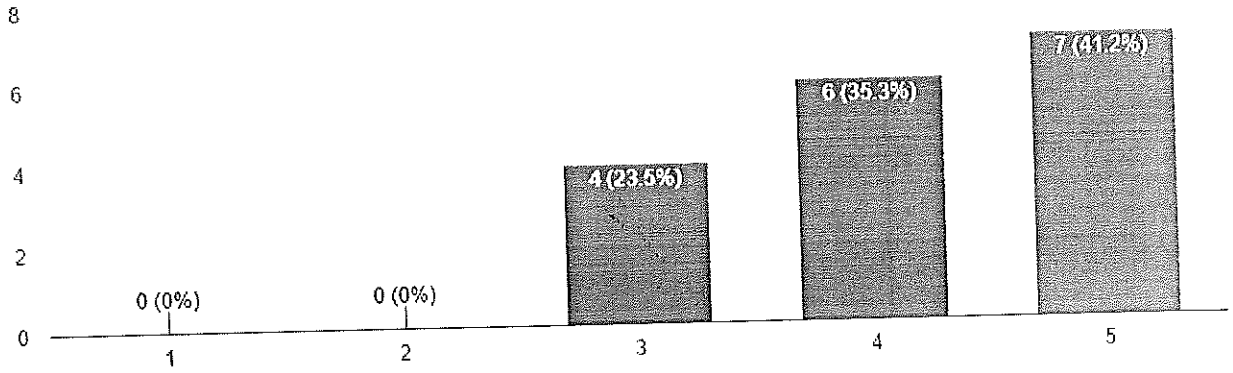
How relevant do you think it was for your future?

17 responses



Effectiveness of SDP

17 responses



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Any other suggestion or Your Views about the SDP.

17 responses

NA

Nothing

It was great

Needs to share ideas more and share notes + resources for the same

no

Thank you mam that i have learned a great things about NLP

Expert session could have been shorter. Everything else was good.

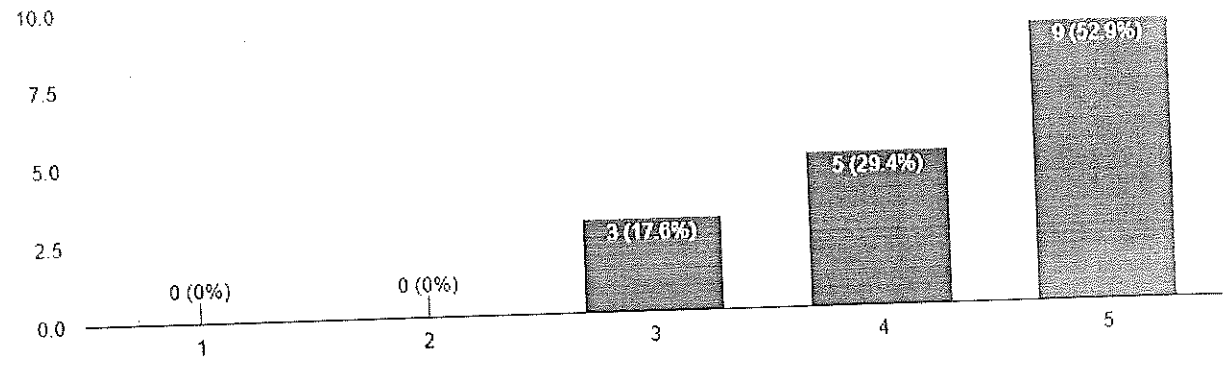
NIL

-

Feedback on Expert session

Content delivery by speakers

17 responses



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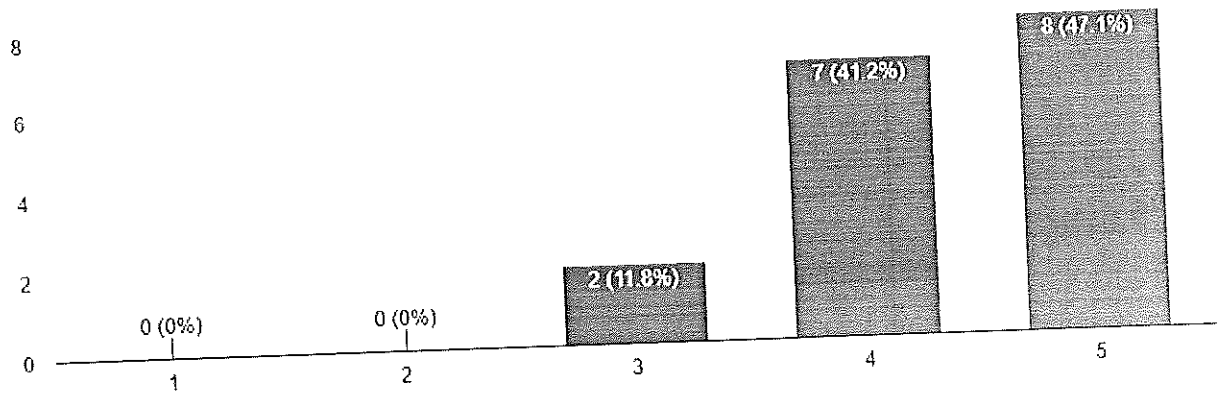
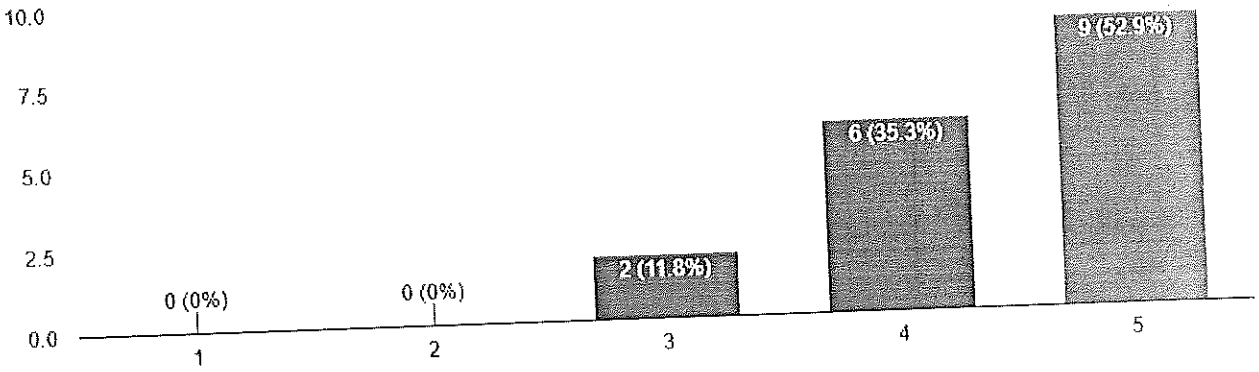
How relevant do you think it was for your future?

17 responses



Effectiveness of the session

17 responses



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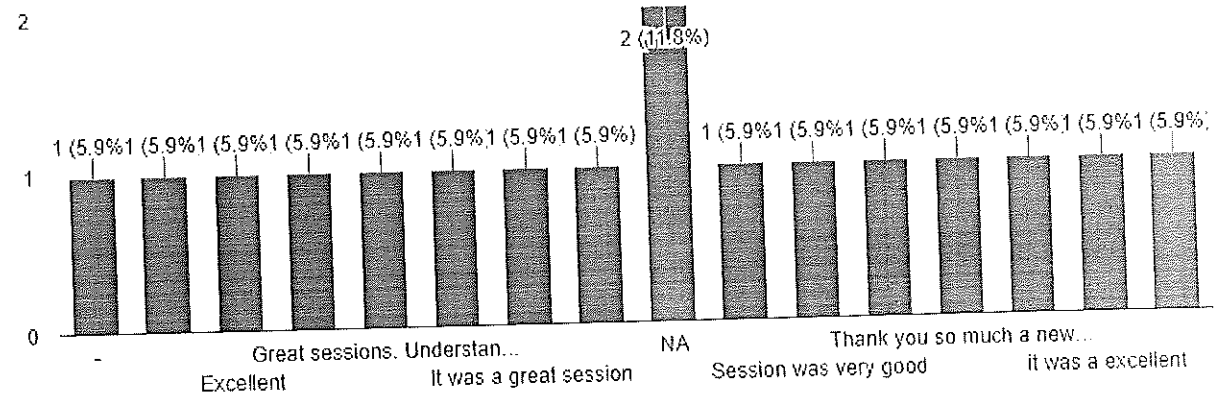
Appreciations, if any

17 responses



Impact Analysis:

In two weeks SDP on 'Natural Language Processing using Python', Getting started with NLTK, Tokenizing Text, Normalizing text, Bag of words and TF-IDF, Part of speech tagging, Text classification in NLP using machine learning. Advance topics like Google dialogflow and Chatbot were learnt by students through sessions, assignments, exercises. All the students successfully completed projects.

4. Certificate

SIES

CR No. EXTC: 362

CERTIFICATE

OF APPRECIATION

This is to certify that

MITESH HALDANKAR** of **TE - EXTC

has successfully completed Two weeks SDP on

Natural Language Processing using Python

conducted by Dept. of Electronics and Telecommunication, SIES GST

from 20th December to 31st December, 2021

Prof. MADHURI KULKARNI
COURSE CO-ORDINATOR

DR. PREETI HEMNANI
HOD, EXTC DEPT

A.N. Kemkar
DR. ATUL KEMKAR
PRINCIPAL, SIESGST

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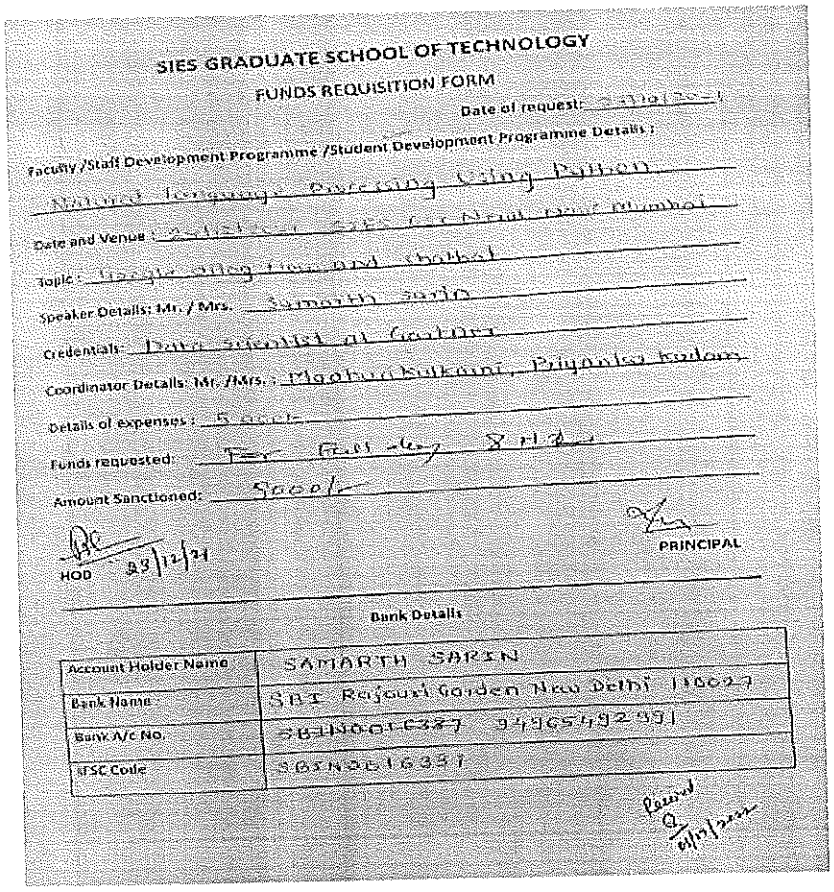
Sector-V, Nerul, Navi Mumbai-400706

Remuneration form



SIES GRADUATE SCHOOL OF TECHNOLOGY

FUNDS REQUISITION FORM

Date of request: [illegible]

Faculty /Staff Development Programme /Student Development Programme Details :

Natural language processing using Python

Date and Venue : [illegible] SIES, Nerul, Navi Mumbai

Topic : Image classification using Python

Speaker Details: Mr. / Mrs. Samarth Sarin

Credentials: Data scientist at Goldman

Coordinator Details: Mr. /Mrs. : Mookambikai, Priyanka Kadam

Details of expenses : 5 days

Funds requested: For Full day Slot

Amount Sanctioned: 5000/-

HOD 23/12/21

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Bank Details

Account Holder Name	SAMARTH SARIN
Bank Name	SBI Rajouri Garden New Delhi 110027
Bank A/c No.	SBIN0001337 9496549291
IFSC Code	SBIN0016331

Paid on 24/12/21

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

Advanced Antenna Design

June 27 to July 4, 2022

Click here to register

Although the microstrip antenna has been extensively studied in the past few decades as one of the standard planar antennas, it still has a huge potential for further developments. Microstrip antennas are considered as the most common types of antennas due to their obvious advantages of light weight, low cost, low profile, planar configuration, easy of conformal, superior portability, suitable for arrays, easy for fabrication, and easy integration with microwave monolithic integrate circuits (MMICs). They have been widely employed for the civilian and military applications in the form of broadcast radio, mobile systems, global positioning system (GPS), radio-frequency identification (RFID), multiple-input multiple-output (MIMO) systems, vehicle collision avoidance system, satellite communications, surveillance systems, direction finding, radar systems, remote sensing, biological imaging, missile guidance, body wearable antennas, and so on. Since there are several challenges in the design of antennas, a training programme on this topic would be very beneficial to enrich their knowledge and to carry out advanced research in antenna domain. The objective of this SDP is to train the participants in both fundamental and research levels.

About Instructors:

This course will be taught by a team of

Dr. Uday Pandit Khot, Professor, St. Francis Institute of Technology, Mumbai.
Dr. Vivek Ashokan, ANSYS (HFSS expert) technology, Application Engineer ARK. Infosolutions.
Dr. Anjali Choudhari, Asst Prof., St. Francis Institute of Technology, Mumbai.
Prof. Vandana Sawant, SIES GST, Nerul
Prof. Sonal Hutke, SIES GST, Nerul
Prof. Hema Raut, SIES GST, Nerul.

Course Objectives:

- Design and analysis of microstrip line.
- Design of the Patch Antenna.
- Simulation of the Patch Antenna using simulation software HFSS.

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- To evolve, develop and improvise different types of patch antennas suitable for numerous applications like microwave communication, radar, mobile communication, military communications, IOT applications so on.

Course Outcomes:

Students should be able to
Design and analyze microstrip line.
Design of line feed and probe feed rectangular patch antenna and develop its applications.
Design and analysis of textile antennas for military applications.
Design and analysis of wide band antennas.
Design of array antennas and antenna optimization.
Design of MIMO antenna and periodic structure.

Course Content:

Module	Contents	Hours
1.	Keynote address, Installation and testing of related software.	2 hrs
2.	MICROSTRIP LINE: Design of microstrip line, S parameter analysis, characterization of microstrip line based on length of line, design and simulate impedance matching using quarter wave transformer using HFSS.	4 hrs
3.	RECTANGULAR PATCH ANTENNA AND ITS APPLICATIONS : Introduction to microstrip structure, calculate dimensions of rectangular patch antenna at 2.4GHz, design and simulate line feed rectangular patch antenna for various applications using HFSS.	6 hrs
4.	Design and analysis of textile antennas for military applications.	6hrs
5.	Design and analysis of RMSA using probe feed, current distribution.	6 hrs
6.	WIDE BAND ANTENNA Introduction to wideband antennas, Design of wideband antennas.	6 hrs
8.	Design of antenna arrays.	6hrs
9.	Antenna optimization	3hrs
10.	MIMO Antenna	4hrs
11.	Antenna design using periodic structure.	40 hrs
12.	Mini Project on Design and Simulation of Antenna	

Assessment:

1. Students will be assessed based on module wise assignments and quizzes.

2. Fifteen days internship will be provided in which students have to develop Mini projects based on above concepts.

Course Co-Ordinator: Prof. Vandana Sawant

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E mail ID: vandanas@sies.edu.in
Contact no.: 9820755314

Day wise schedule of workshop

DATE	TIME	TOPIC
27-06-2022	10.00-12.50am	Inauguration and Keynote address by Dr.Uday Pandit
	1.30-4.00pm	Introduction to HFSS, Design of Microstrip line & Design of Quarterwave Transformer by Vandana Sawant
28-06-2022	10.00-12.50am	Design of Edge Feed Antenna by Ms. Vandana Sawant
	1.30-4.00pm	Design of Inset Feed textile Antenna by Vandana Sawant
29-06-2022	10.00-12.50am	Design of Probe Feed Antenna by Ms. Hema Raut
	1.30-4.00pm	Design of MIMO Antenna by Dr. Anjali Choudhari
30-06-2022	10.00-12.50am	Design of Ultra-Wide band Antenna by Ms. Hema Raut
	1.30-4.00pm	Design of Ultra-Wide band Antenna by Ms. Hema Raut
01-07-2022	10.00-12.50am	Antenna optimization by Ms. Sonal Hutke
	1.30-4.00pm	Design of Array Antenna by Ms. Sonal Hutke
04-07-2022	10.00-12.50am	Design of Array Antenna by Ms. Sonal Hutke
	1.30-4.00pm	Design of Antenna with periodic structure by Dr.Vivek Ashokan

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

Department of Electronics and Telecommunication Engineering

Event Report

Advanced Antenna Design

June 27 to July 04, 2022

Event Information
Event Type: SDP
Event title: SDP on **Advanced Antenna Design**
Resource Person: 1. Prof. Vandana Sawant, Assistant Professor, SIESGST. 2. Prof. Hema Raut, Assistant Professor, SIESGST. 3. Prof. Sonal Hutke, Assistant Professor, SIESGST. 4. Dr. Uday Pandit Khot, Professor, St. Francis Institute of Technology, Mumbai. 5. Dr. Vivek Ashokan, ANSYS (HFSS expert) technology, Application Engineer ARK. Infosolutions. 6. Dr. Anjali Choudhari, Asst Prof., St. Francis Institute of Technology, Mumbai.
Event date: June 27th -July4th 2022
Organized for: TE -EXTC Students
Organized by: Department of Electronics & Telecommunication
Target audience (branch & nos.): EXTC – 21
Attachments: **1. Photographs (in JPEG/PNG)** **2. Attendance report** **3. Feedback**

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4. Certificate

Event Description

1. The Electronics and Telecommunication Department of SIES GST had organized a hands-on student development program for students of TE EXTC on topic "Advanced Antenna Design" from June 27th -July4th 2022. It was a one-week hands-on training followed by one week miniproject, conducted by Prof. Vandana Sawant, Assistant Professor, SIESGST, Prof. Hema Raut, Assistant Professor, SIESGST, Prof. Sonal Hutke, Assistant Professor, SIESGST, Dr. Uday Pandit Khot, Professor, St. Francis Institute of Technology, Mumbai, Dr. Vivek Ashokan, ANSYS (HFSS expert) technology, Application Engineer ARK. Infosolutions and Dr. Anjali Choudhari, Asst Prof., St. Francis Institute of Technology, Mumbai.

2. The aim of was to SDP Introduction to basic understanding and designing of the Patch Antenna. Simulation of the Patch Antenna using simulation software HFSS and TARANG. To evolve, develop and improvise different types of patch antennas and wire antennas suitable for numerous applications like microwave communication, wireless communication, radar, mobile communication, RFID, IOT applications and so on. This SDP is attended by students of TE&BE EXTC and IT.

3. The course started with a keynote address by Dr. Uday Pandit. He explained how from the invention of the Microstrip Antenna four decades ago, the demand for its application has been increasing rapidly, especially within the last two decades. He also added these applications have been in demand because of light weight, low cost, low profile, planar configuration, easy of conformal, superior portability, suitable for arrays, easy for fabrication, and easy integration with microwave monolithic integrate circuits (MMICs). They have been widely employed for the civilian and military applications in the form of broadcast radio, mobile systems, global positioning system (GPS), radio-frequency identification (RFID), multiple-input multiple-output (MIMO) systems, vehicle collision avoidance system, satellite communications, surveillance systems, direction finding, radar systems, remote sensing, biological imaging, missile guidance, body wearable antennas, and so on, and how microwave engineers are satisfying these market demand with the help antenna design and embedded system.

4. Prof. Vandana Sawant started with the introduction to Antenna and HFSS software then students were given hands on training on Design of microstrip line, quarter wave transformer. Design, Simulation and Optimization of an Edge fed and Inset fed Microstrip Patch Antenna.

5. Prof. Hema Raut conducted a session on antenna design using the probe feed method. Also, simulation and parametric analysis was explained. Further, a session on WB antenna and UWB antenna design was conducted followed by HandsOn session on UWB antenna design and its analysis.

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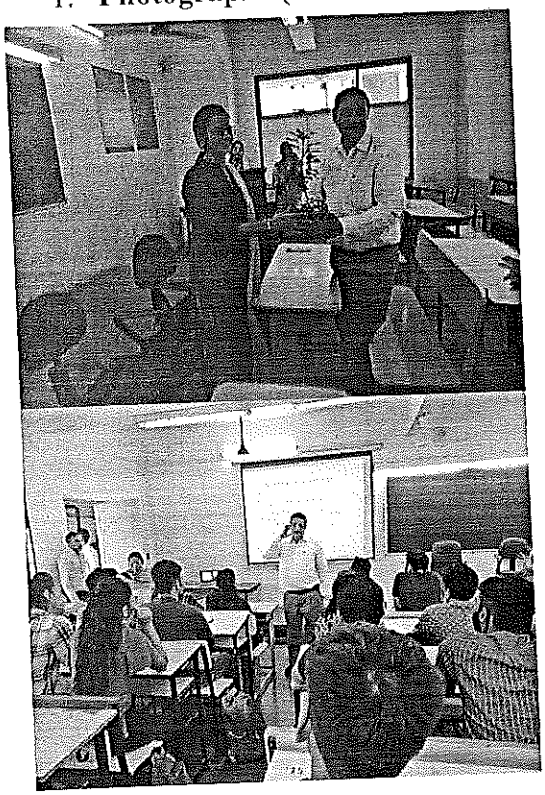
6. Dr. Anjali Choudhari conducted a session on antenna design followed by Hands On session using HFSS.

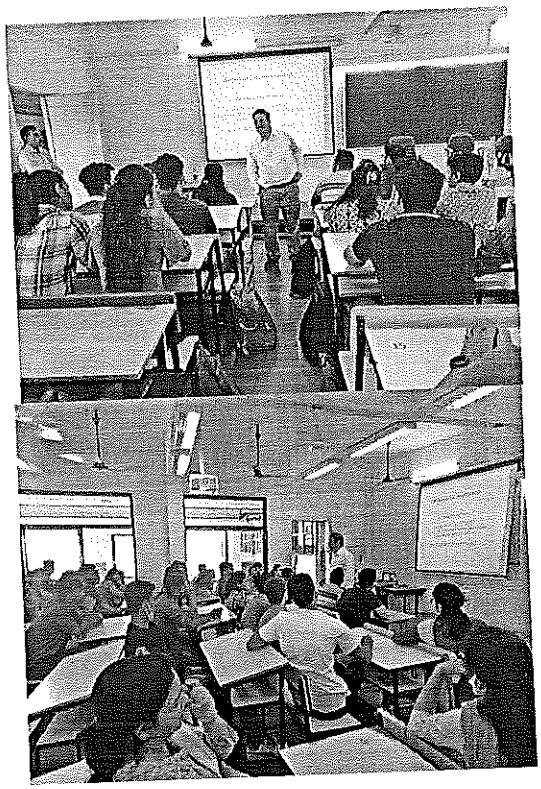
7. Prof. Sonal Hutke explained the use of Optimetrics in HFSS. Students designed probe feed antenna and used parametric analysis and optimization. Further she gave hands on sessions on array design using duplication along line method and Master slave method.

8. Dr. Vivek Ashokan a session on periodic structure design followed by Hands On session using HFSS.

9. Course completion certificates were provided to the 20participants from third year of engineering.

1. **Photographs (in JPEG/PNG)**





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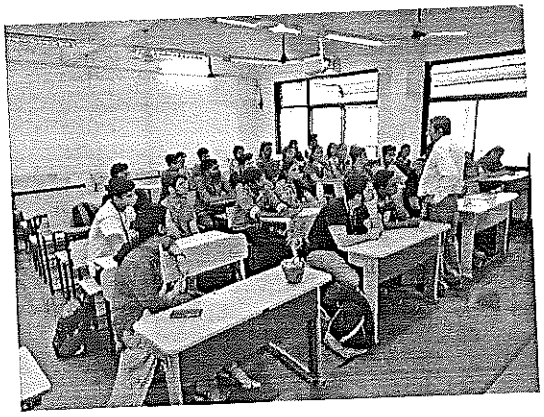

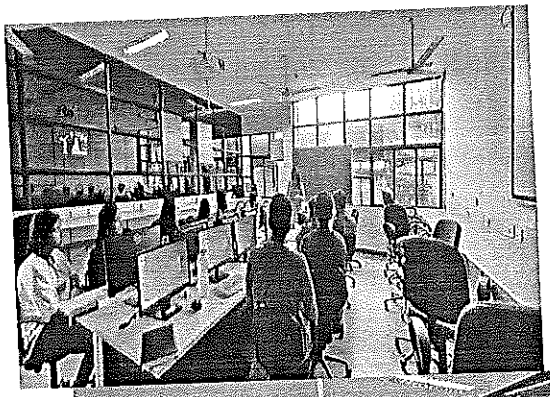

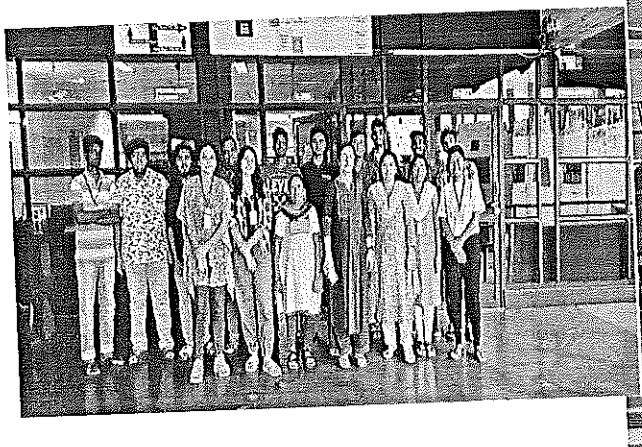

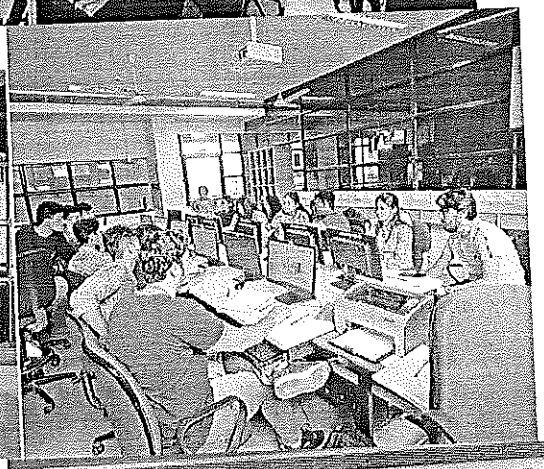

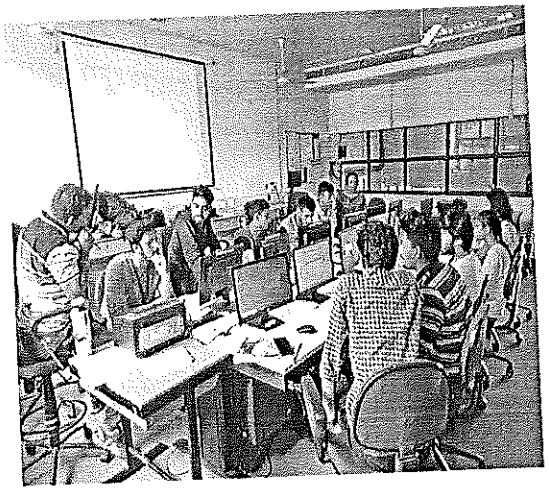

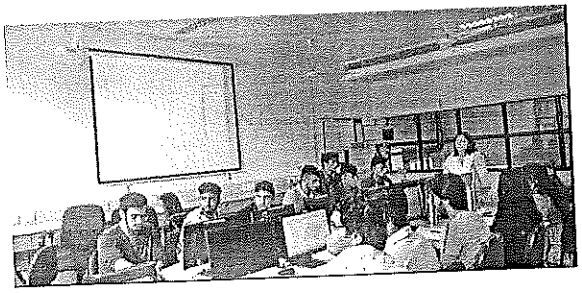

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2. Attendance report

(Also include responses details)

ID	NAME OF THE STUDENT	ROLL NUMBER	BRANCH	YEAR	EMAIL ADDRESS
1	Chaitanya Shetty	119A2010	Extc	TE	shettychaitanya19@siesgst.ac.in
2	Jesno Joseph	220A2107	EXTC	TE	jesnojextc220@gst.sies.edu.in
3	Nahush Chandrashekar Bhagat	220A2103	EXTC	TE	nahushbextc220@siesgst.ac.in
4	Avula Mahesh Kanakaiah	220A2102	Extc	TE	avulakextc220@gst.sies.edu.in
5	Mitesh Haldankar	220A2106	EXTC	TE	miteshhextc220@siesgst.ac.in
6	Yash Kishor Patil	220A2115	EXTC	TE	yashpextc220@siesgst.ac.in
7	Kurup Ashwin Venugopalan	119A2036	EXTC	TE	kurupashwin19@siesgst.ac.in
8	Himesh Gawde	119A2021	EXTC	TE	himeshgextc119@gst.sies.edu.in
9	Bhushan Ghag	119A2022	Extc	TE	ghagbhushan19@siesgst.ac.in
10	Melethil shaheem	119A2041	EXTC	TE	melethilsextc119@gst.sies.edu.in

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11	Arshiya Wagle	220A2130	EXTC A	TE	arshiyawextc220@siesgst.ac.in
12	Dhanshree tekale	220A2127	EXTC	TE	dhanshreetextc220@gst.sies.edu.in
13	Shruti Narayan Gope	119A2076	EXTC	TE	shrutinarayan19@siesgst.ac.in
14	Srishti Sharma	119A2072	EXTC	TE	srishtisharma19@siesgst.ac.in
15	Yadav Soundarya Ariramakrishnan	119A2096	EXTC	BE	soundaryayextc119@gst.sies.edu.in
16	Konar Balasubramaniyam	220A2112	Extc	TE	balakonar225@gmail.com
17	Khush Vasudeo Patil	119A2030	EXTC	TE	khushpextc119@gst.sies.edu.in
18	Hiten Sharma	119A2026	EXTC	TE	sharmahiten19@siesgst.ac.in
19	Harshada koli	220A2111	Extc	TE	harshadakoli07@gmail.com
20	Shreya Pundalik Kadam	120A2022	EXTC	OTHER	shreyakextc120@gst.sies.edu.in
21	Sayali Warde	120A2053	EXTC	OTHER	sayaliwextc120@gst.sies.edu.in

List of students attended SDP:

Sr.No.	Name	Year	Branch	e-mail Id
1	Chaitanya Shetty	TE	EXTC	shettychaitanya19@siesgst.ac.in
2	Nahush Chandrashekar Bhagat	TE	EXTC	nahushbextc220@siesgst.ac.in

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GRADUATE SCHOOL OF TECHNOLOGY, Navi
Mumbai.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Workshop on Raspberry pi

June 27 to July 15, 2022Click here to register

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 of course, giving students a chance to learn rpi and its programming.

About Instructors:

This course will be taught by a team of expert from Industry and SIESGST faculty members of the Electronics and Telecommunication Department.

Industry Expert:

Mr. Kartik Daware, Senior Engineer, FEV India Ltd. Pune

Faculty Members:

1. Prof. Vishal Gaikwad
2. Prof. Vaishali Mangrulkar
3. Prof. Nita Patil

Course Objectives:

CO
To develop the background knowledge and core expertise of an embedded system design.
To know the importance of different peripheral devices and their interfacing to rpi board.
To know the sensor interfacing and its programming.
To write python programs for rpi for various applications.
To know the working of different sensors and their use in an embedded systems
To understand the basic concept of OS and installation of OS

Course Outcomes:

Students will be able to

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Install OS for rpi

- Interface different sensors and actuators with rpi
- Write programs for rpi using pyhon.
- Understand the various python commands for rpi.

Course Content:

Module	Contents	Hours
1.	**Introduction to basics of OS and different OS for rpi**	6 hrs
2.	**Installation of OS in rpi board**	6 hrs
3.	**Introduction of python commands for rpi.**	6 hrs
4	**Python programming for rpi**	6 hrs
5	**Interfacing of following sensors and programming for rpi** **1. LDR Sensor** **2. Ultrasonic Sensor** **3. DHT11 Sensor** **4. Motion Sensor** **5. Gas Sensor**	10 hrs
6	**Interfacing of display devices and mini project designing based on rpi and sensors**	09 hrs

Assessment:

1. Module wise assignments and quizzes should be completed by students.
2. 15 Days Internship will be provided subject to the successful completion of Mini Project.

Course Coordinators:

Prof. Vishal Gaikwad

vishalg@sies.edu.in

9665779359

Prof. Vaishali Mangrulkar

vaishalim@sies.edu.in

Prof. Nita Patil

nitap@sies.edu.in

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

Department of Electronics & Telecommunication Engineering

Event Report

Value-added course on RPi
(27/06/2022 to 02/07/2022)

Event Information
Event Type: Value added course with internship projects
Event title: Workshop on Raspberry Pi
Resource Person: Prof. Vishal Gaikwad, Prof. Vaishali Mangrulkar, Prof. Nita Patil **Expert talk** by Mr. Kartik Daware, Senior Engineer, FEV India Ltd. Pune.
Event date: 27/06/2022 to 02/07/2022
Organized for: ■ Student ☐ Faculty
Organized by Department : Electronics & Telecommunication Engineering
Target audience : SE/TE students **Branch: EXTC / ECS** **Number of students registered: 22** **Number of students joined on first day: 16** **Number of students completed the course: 21** **Number of students completed the internship projects: 21**
Attachments: 1. List of internship Projects completed by the students 2. List of students 3. Attendance report 3. Feedback 4. Certificate, Photographs (in JPEG/PNG)

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Event Description

SDP on Raspberry Pi was started with session by Prof. Vishal Gaikwad. During these six days of program students were introduced about Basics of RPi board , RPi OS installation, sensor interfacing , Python programming introduction , interfacing board wirelessly, Web server application and IoT. An expert session on " Latest Trends & Opportunities in Embedded System " was taken by Mr. Kartik Daware. After completion of program, students completed some projects using RPi and submitted the document.

1. List of internship Projects completed by the students :

Sr. No	Student Name	Roll Numb	Class	Project Title
1	Sahil Kelaskar	120A2024	SE	Plant Monitering system
2	Kinnari Desai	120A2013	SE	digital oscillosoope
3	Shruti M Wamorkar	120A2052	SE	digital oscillosoope
4	Nijesh Nair	120A2027	SE	GPIO-Game sound box
5	Prasad Arekar	120A2004	SE	GPIO-Game sound box
6	Vinitha rajavelu udaiy	120A2030	SE	soil moisture check using Rpi
7	Nibin Oommen Vargh	120A2028	SE	Wifi extender using Rpi
8	Ayush R	120A2007	SE	Wifi extender using Rpi
9	Anirudh Sharma	120A7005	SE ECS	Proximity alert system using Rpi
10	Prathamesh shahapu	120A2042	SE	Wifi extender using Rpi
11	Rajendra Undire	120A2046	SE	Temperature log using rpi
12	Nidhi Kulkarni	120A2029	SE	Network Attached Storage (NAS)
13	Ojas Vighne	120A7059	SE ECS	Proximity alert system using Rpi
14	ISHAANAA KARMAK	120A2023	SE	Electronic Voting machine using Rpi
15	Siddhi Kishor Jambek	120A2021	SE	Electronic Voting machine using Rpi
16	Rahul Bala Subrama	120A2008	SE	soil moisture check using rpi
17	Charudatta Bonde	120A2010	SE	Network Attached Storage (NAS)
18	Soumya Verma	120A2049	SE	Plant Monitering system
19	ansh	120A2003	SE	Temperature log using rpi
20	Gaurav Patil	120A2035	SE	Music box using rpi
21	Rohan Salvi	120A2040	SE	Music box using rpi

2. List of Students :

Sr. No.	Student Name	Roll Number	Email Address
1	Vigneswaran Ganesh	120A2050	vigneswaranganeshextc120@siesgst.ac.in
2	Kinnari Desai	120A2013	kinnaridesaiextc120@siesgst.ac.in
3	Shruti M Wamorkar	120A2052	shrutiwamorkarextc120@siesgst.ac.in
4	NIJESH NAIR	120A2027	nijeshnextc120@gst.sies.edu.in
5	Prasad Arekar	120A2004	prasadaextc120@gst.sies.edu.in
6	Vinitha rajavelu udaiyar	120A2030	vinithauextc120@gst.sies.edu.in
7	Nibin Oommen Varghese	120A2028	nibinvextc120@gst.sies.edu.in
8	Ayush R	120A2007	ayushrextc120@gst.sies.edu.in
9	Anirudh Sharma	120A7005	anirudhsecs120@gst.sies.edu.in
10	Prathamesh shahapure	120A2042	prathameshsextc120@gst.sies.edu.in
11	Rajendra Undire	120A2046	rajendraundire231@gmail.com
12	Nidhi Kulkarni	120A2029	nidhikulkarniextc120@siesgst.ac.in
13	Ojas Vighne	120A7059	vighneojas@gmail.com
14	ISHAANAA KARMAKAR	120A2023	ishaanakarmakarextc120@siesgst.ac.in
15	Siddhi Kishor Jambekar	120A2021	siddhijambekarextc120@siesgst.ac.in
16	Rahul Bala Subramanian	120A2008	balasextc120@gst.sies.edu.in
17	Charudatta Bonde	120A2010	Charudattabonde321@gmail.com
18	Soumya Verma	120A2049	soumyavermaextc120@siesgst.ac.in
19	Ansh Kasbe	120A2003	aaaanshkaaaasbe@gmail.com
20	Gaurav Patil	120A2035	gauravpextc120@gst.sies.edu.in
21	Rohan Salvi	120A2040	rohansextc120@gst.sies.edu.in

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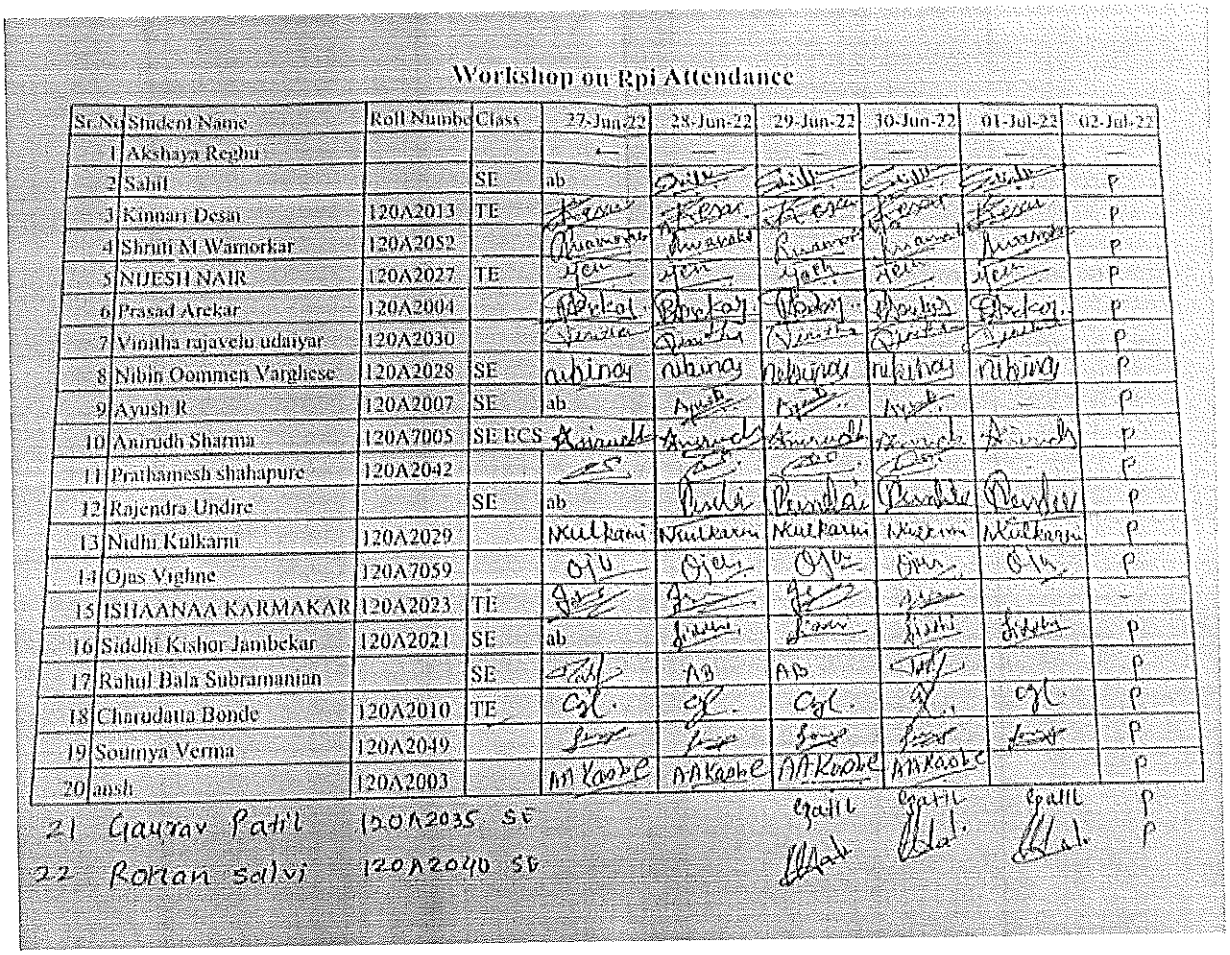
3. Attendance report :

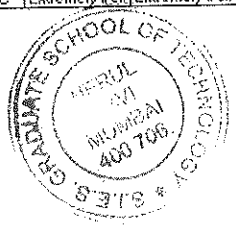


Workshop on Rpi Attendance

Sr.No	Student Name	Roll Numbe	Class	27-Jun-22	28-Jun-22	29-Jun-22	30-Jun-22	01-Jul-22	02-Jul-22
1	Akshaya Reghu			—	—	—	—	—	—
2	Sahil		SE	ab					P
3	Kinnari Desai	120A2013	TE						P
4	Shruti M Wamorkar	120A2052							P
5	NIJESH NAIR	120A2027	TE						P
6	Prasad Arekar	120A2004							P
7	Vinitha rajavelu udaiyar	120A2030							P
8	Nibin Oommen Varghese	120A2028	SE						P
9	Ayush R	120A2007	SE	ab				—	P
10	Anirudh Sharma	120A7005	SE ECS						P
11	Prathamesh shahapure	120A2042							P
12	Rajendra Undire		SE	ab					P
13	Nidhi Kulkarni	120A2029							P
14	Ojas Vighne	120A7059							P
15	ISHAANAA KARMAKAR	120A2023	TE						-
16	Siddhi Kishor Jambekar	120A2021	SE	ab					P
17	Rahul Bala Subramanian		SE		AB	AB			P
18	Charudatta Bonde	120A2010	TE						P
19	Soumya Verma	120A2049							P
20	ansh	120A2003							P
21	Gaurav Patil	120A2035	SE						P
22	Rohan salvi	120A2040	SE						P

4. Feedback

Sr. No.	Name	BTech	CO1: Develop the background knowledge and basic	CO2: Know the importance of different peripheral devices and their	CO3: Know the sensor interfacing and its programming	CO4: Write python programs for IoT for various applica	CO5: Know the working of different sensors and their	CO6: Understand the basic concept of IoT and Intelligence of IOT	Your suggestion about SIP content	Would you like to attend this kind of SIP in future? If Yes, suggest topics
1	Ojas Vighne	ECS	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	Yes	Yes
2	Anirudh Sharma	ECS	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	.	Yes
3	Rohan Salvi	EXTC	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	-	-
4	Prasad Arekar	EXTC	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	NA	Yes. Arduino
5	Bala Subramanian	EXTC	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	.	.
6	Rajendra Undire	EXTC	Somewhat we	Extremely well	Extremely well	Somewhat w	Extremely well	Somewhat we	.	.
7	Gaurav Patil	EXTC	Somewhat we	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	.	yes
8	Kinnari Desai	EXTC	Extremely well	Somewhat wel	Somewhat we	Somewhat w	Somewhat we	Somewhat we	-	Yes
9	Nibin Varghese	EXTC	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	It was very good.	Yes, deeper concepts of
10	Nijesh Nair	EXTC	Somewhat we	Extremely well	Somewhat we	Somewhat w	Extremely well	Extremely well	Very informative and interesting	Yes
11	Prathamesh Shahap	EXTC	Somewhat we	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	Awesome.	Yess . Graphic
12	Nidhi Kulkarni	EXTC	Extremely well	Extremely well	Extremely well	Somewhat w	Extremely well	Extremely well	It was really helpful	Yes.
13	Ayush Rajeevan	EXTC	Neutral	Somewhat wel	Extremely well	Somewhat w	Extremely well	Somewhat we	Nice	Raspberry Pi graphic designer
14	Soumya Verma	EXTC	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	Pi Camera Module,	NodeMCU
15	Sahil Kelaskar	EXTC	Somewhat we	Extremely well	Extremely well	Extremely we	Somewhat we	Extremely well	IOT projects related to webserver, Bluetooth, pi	Yes, would like to learn abut node mcu and other boards too
16	Siddhi Jambekar	EXTC	Extremely well	Extremely well	Extremely well	Somewhat w	Extremely well	Extremely well	Nice experience lots of things	Yess...
17	Shruti Wamorkar	EXTC	Extremely well	Extremely well	Extremely well	Extremely we	Extremely well	Extremely well	.	.



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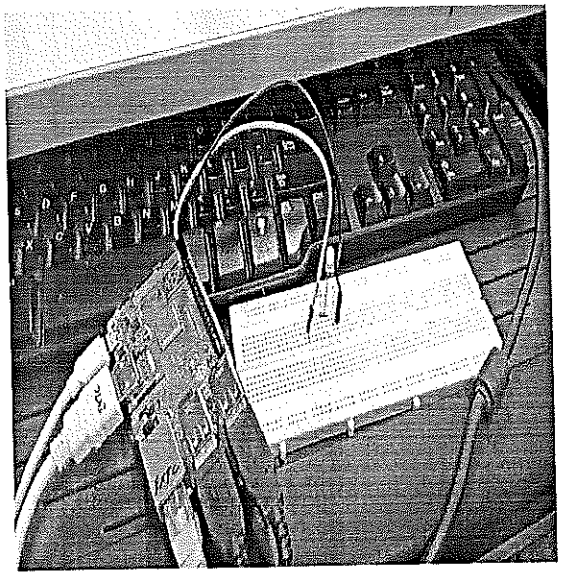
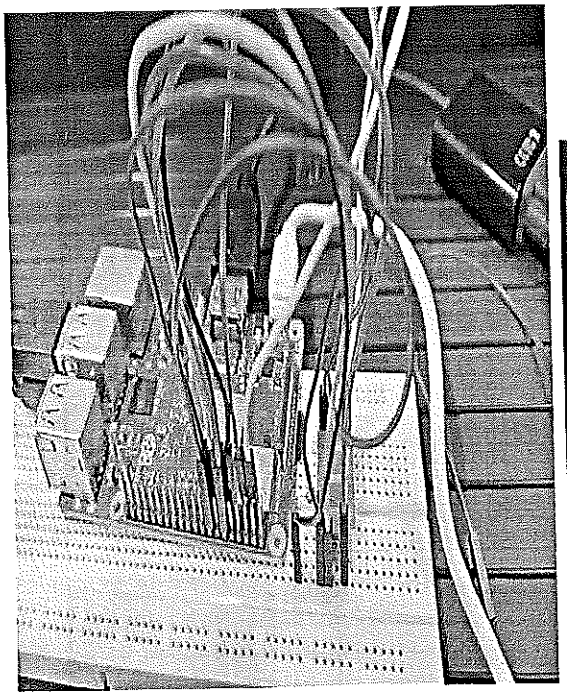
5. **Certificate, Photographs (in JPEG/PNG) :**





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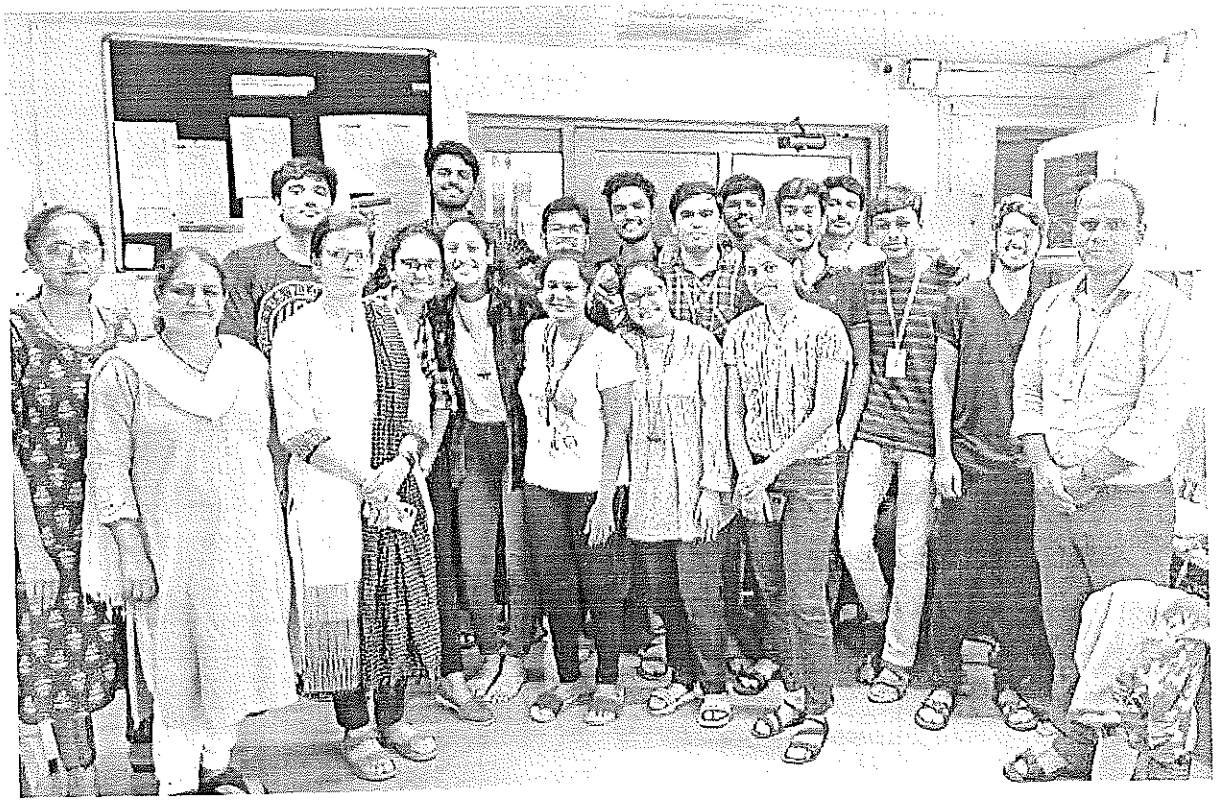

Certificate :

CERTIFIED

SIES

CERTIFICATE OF COMPLETION

This is to Certify That
Anirudh Sharma
Has successfully Completed the value-added course on
Raspberry Pi
from 27/6/2022 to 2/7/2022
Organized by **Electronics and Telecommunication** department, SIES GST.
During the internship, he/she has successfully completed the project titled
Proximity alert system using Rpi

Prof. Vishal Gaikwad	Dr. Preeti Hemnani	Dr. Atul kemkar
(Course Coordinator)	(Head of Department)	(Principal)

EXTC/SDP/0622/426

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Image Processing and Machine Learning using Python

June 27 to July 15, 2022
Click here to register

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 of course, giving students a chance to learn python and its applications in image processing and machine learning which is a current trend of technology.

About Instructors:

This course will be taught by a team of expert from Industry and SIESGST faculty members of the Electronics and Telecommunication Department.

Industry Expert:

Mr. Abhay Phansikar, Director, Azilen Technologies

Faculty Members:

1. Prof. Swati Rane, Assistant Professor
2. Prof. Shyamala Mathi, Assistant Professor
3. Prof. Pushkar Sathe, Assistant Professor

Course Objectives:

CO
Write and explain basics commands of python
Explain basics of image processing
Implement basic image processing using python
Explain concepts of machine learning
Write codes of machine learning using python
Implement mini project based on image processing and machine learning using python

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Course Outcomes:

Students will be able to

- Use Python – Jupyter tool
- Perform all basic operations in the Dataset and Visualize data using the libraries
- Perform basic operations on digital image using Python
- Implement classifier model for given data and compare its performance with another classifier.

Course Content:

Module	Contents	Hours
1.	**Fundamentals of python programming:** Introduction to Python, datatypes, NumPy, Python for Data Science – Pandas: Introduction to Pandas, Series, Data frames – Missing Data, Group by, merging, operations and Data i/p and o/p. Python for Data Visualization using Matplotlib and seaborn, Hands on exercises of all the concepts covered.	9 hrs
2.	**Image processing using python:** Introduction to digital image processing, image enhancement techniques, Image segmentation, morphological processing, Hands on exercises of all the concepts covered.	9 hrs
3.	**Machine learning and applications:** Basics of machine learning, simple linear regression, Multiple Linear Regression and Logistic Regression, Decision tree algorithm, Basics of neural network, types of neural network, Image classifier model using ANN and CNN, Applications of ML in industry, Hands on exercises of all the concepts covered.	18 hrs

Assessment:

1. Module wise assignments and quizzes should be completed by students.
2. Fifteen days internship will be provided subject to the successful completion of Mini Project.

Course Coordinators: Prof. Pushkar Sathe
pushkars@sies.edu.in
9870630637

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Sector-V, Nerul, Navi Mumbai-400706

Day wise schedule of workshop

Day	Activity
Day 1 27/6/2022	Introduction to Python, datatypes, Numpy, Python for Data Science – Pandas: Introduction to Pandas, Series, Dataframes – Missing Data, Groupby, merging, operations and Data i/p and o/p.Python for Data Visualization using Matplotlib and seaborn
	Exercise on Python, datatypes, Numpy, Pandas, Matplotlib and Seaborn
Day 2 28/6/2022	Introduction to digital image processing, image enhancement techniques, Image segmentation, morphological processing
	Exercise on Digital Image enhancement techniques, Image segmentation, morphological processing
Day 3 29/6/2022	Basics of machine learning, simple linear regression, Multiple Linear Regression and Logistic Regression
	Exercise on simple linear regression, Multiple Linear Regression and Logistic Regression
Day 4 30/6/2022	Decision tree algorithm, support vector machine, Exercise on Decision tree algorithm, support vector machine
	Expert talk on "Applications of ML in industry", Mr. Abhay Phansikar, Director, Agilen Technologies
Day 5 1/7/2022	K-means and KNN algorithms
	Exercise on K-means algorithm and KNN algorithm
Day 6 2/7/2022	Basics of ANN
	Basics of CNN
	Implementation of ANN and CNN, Quiz
2/07/22 to 8/07/22	Implementation of Miniproject
9/07/22	Miniproject presentation

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SIES Graduate School of Technology
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Department of Electronics and Telecommunication Engineering

Event Report

Value added course with internship projects on Machine Learning & Image Processing using Python

(27/6/2022 to 02/7/2022)

Event Information
Event Type: Value added course with internship projects
Event title: Machine Learning & Image Processing using Python
Resource Person: Pushkar Sathe, Swati Rane and Shyamala Mathi, Mr. Abhay Phansikar (Director, Azilen Technologies)
Event date:from 27/06/2022 to 02/07/2022
Organized for: Students
Organized by:Department of Electronics and Telecommunication
Target audience (branch & nos.): EXTC-19 + CE-4 + ECS-6= 29 **SE-16 + TE-11 + BE-02 =29** Number of students registered: 33 Number of students joined on first day: 28 Number of students completed the course: 29 Number of students completed the internship projects: 29
Attachments: **1. List of internship Projects completed by the students** **2. List of students** **Photographs (in JPEG/PNG)** **2. Attendance report** **3. Feedback** **4. Certificate**

Event Description

GRADUATE SCHOOL OF TECHNOLOGY * S.I.E.S. NERUL NAVI MUMBAI 400 706.

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This courseprovides the broad introduction to the fundamentals of the Python programming language, Image Processing and Machine Learning, along with programming best practices. It includes how to represent and store data using Python data types and variables, the power of complex data structures like lists, sets, dictionaries, and tuples to store collections of related data, write scripts & handle errors and how to use modules such as Numpy, Pandas, Matplotlib and Seaborn available in the Python Standard Library.

The field of image processing involves the use of computer algorithms to process images for analysis. Thusit also includes how to implement various Image enhancement and Image segmentation techniques using Open CV.

Computer vision has transformed the way we pursue digital image processing. Hence, Machine Learning is included in the course.The most effective machine learning techniques (Linear and Logistic Regression, SVM, Decision Tree, Random forest, KNN and K-means algorithms), Deep Learning (CNN) are included and students will gain practiceby implementing them using scikit-learn, tensorflow, and keras python modules.

1. **Photographs (in JPEG/PNG)**

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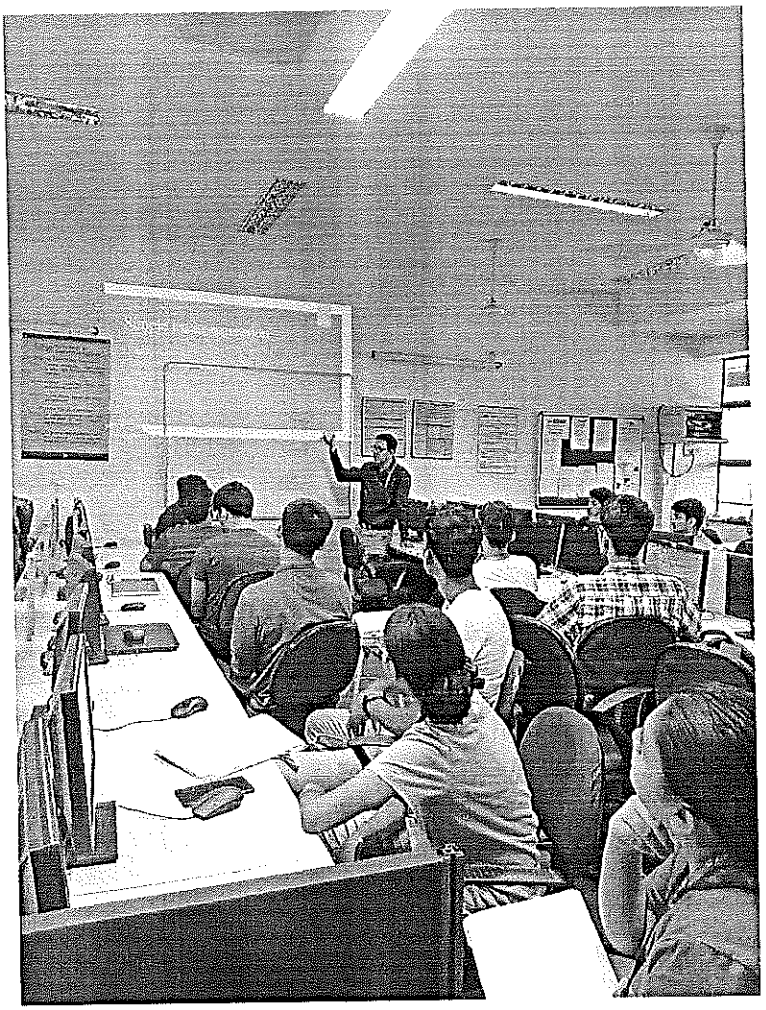

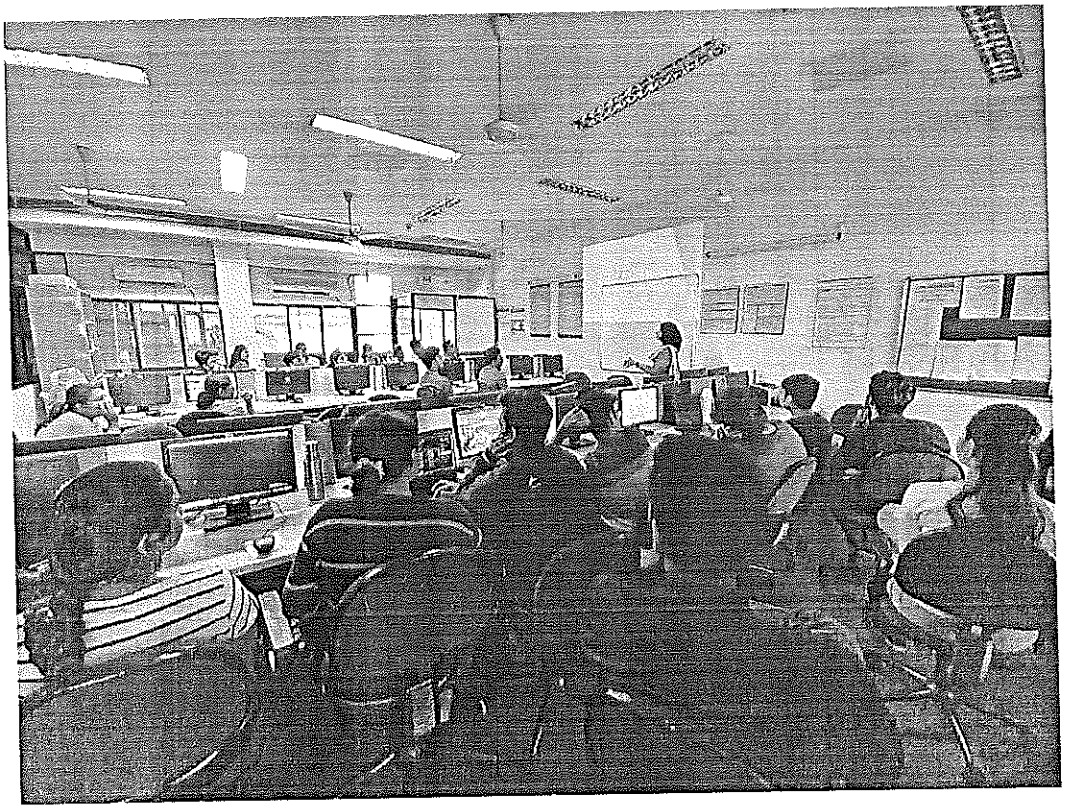

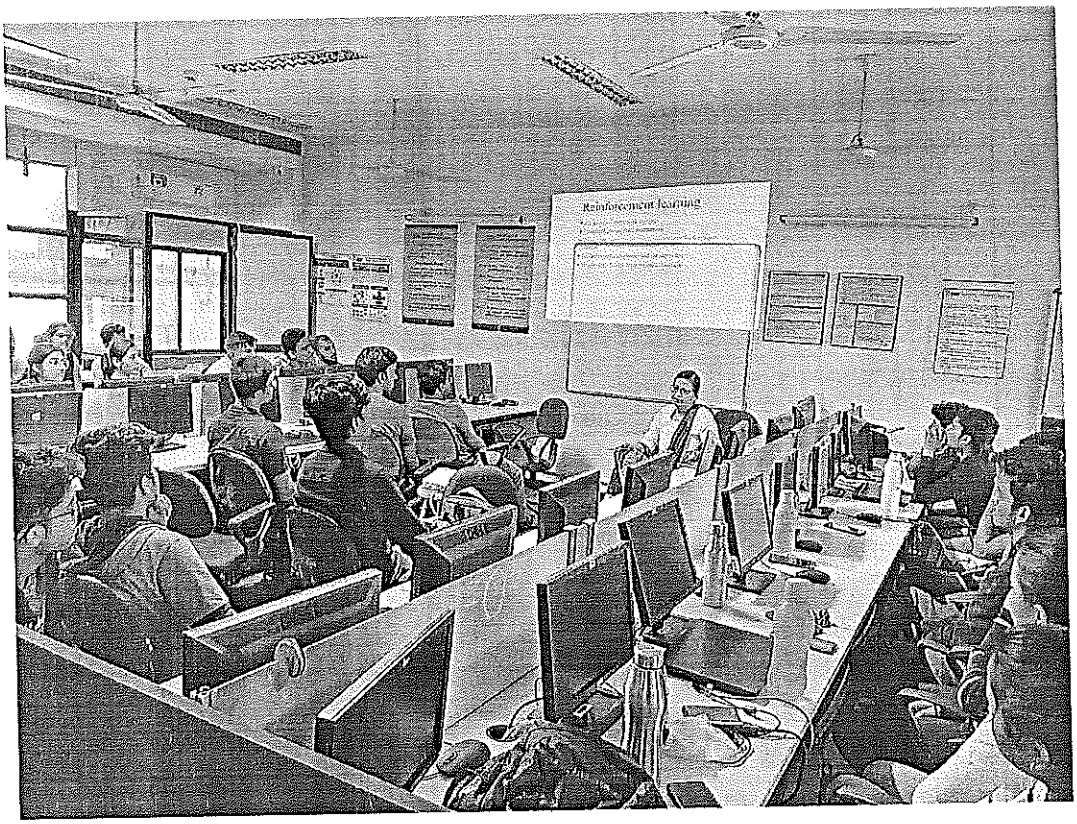

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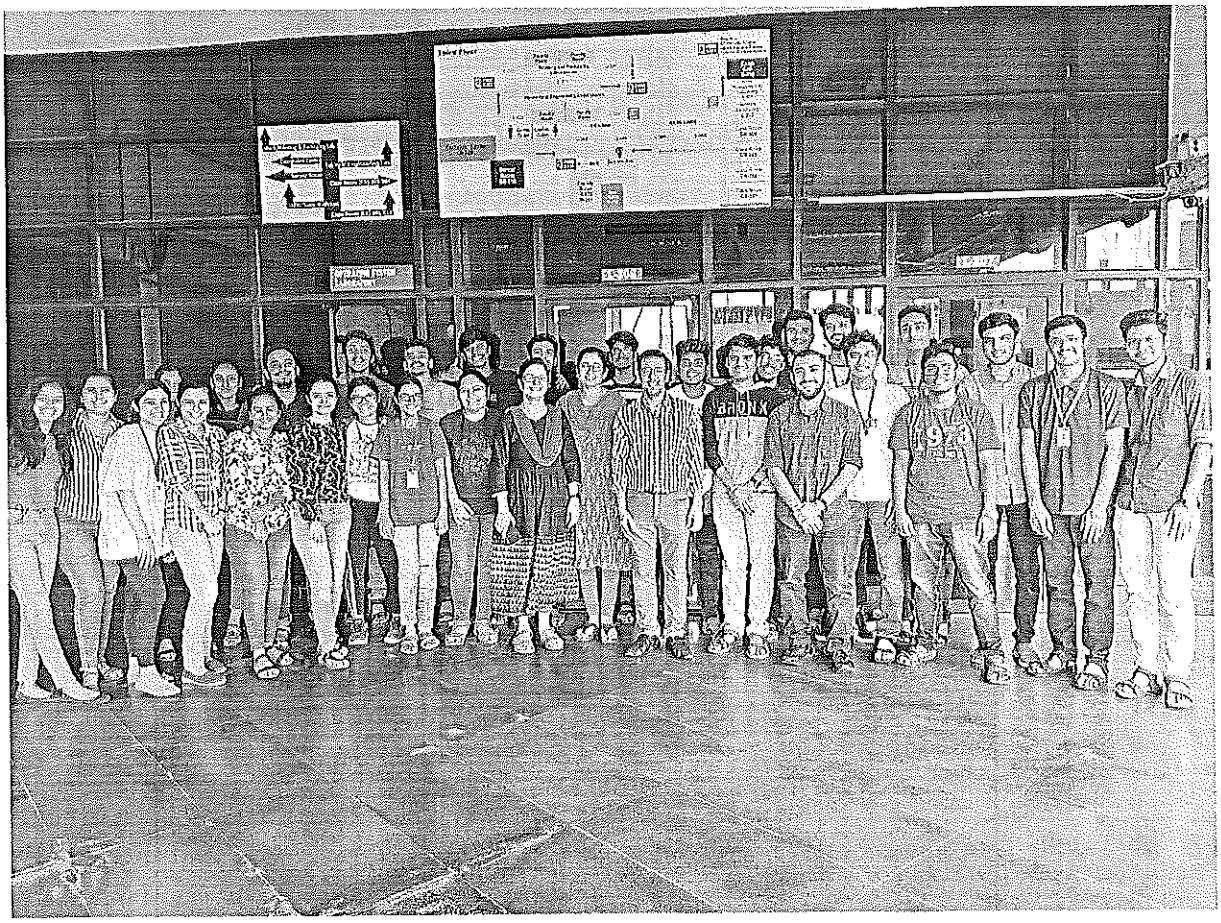

2. Attendance report

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Sector-V, Nerul, Navi Mumbai-400706

SIES GST

EXTC Department

SDP on IP and ML using Python (FH2022)

Attendance

Sr. No.	Roll No.	Name	27.06.22		28.06.22		29.06.22		30.06.22		01.07.22	
			Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening
1	120A7058	Sachet Sandeep Utekar										
2	119A2055	Jinendr Poojary										
3	221A2058	Sakshi Vithal Kadam										
4	221A2055	Furqan shakil Budye										
5	120A1106	Shubham Yadav										
6	119A2018	Pavlin Fernandes										
7	120A1104	Saurabh Shinde										
8	120A1107	Siddharth veeramani										
9	120A1099	Shashank Deep										
10	120A1006	Aaditya M Bannore										
11	120A7045	Saakshi Rajput										
12	120A7050	Sanya Anand Sharma										
13	120A7016	Aman Chavan										
14	120A1110	Sohil Singh										
15	120A3014	Harsh Pritam Koli										
16	120A2036	Varad Uttam Patil										
17	119A2056	Pradnya Avadhut Talekar										
18	221A2062	Amir Salim Mithagari										
19	120A2016	Sanika Vikas Hiroji										
20	119A2057	Pranjal Thakur										
21	120A2043	Manas Shetty										
22	120A2018	Shrinivas S Hunnur										
23	119A2005	Aditi Anil Mokashi										
24	119A2090	Uday Sengupta										
25	120A7039	Pradeep Rajeshkumar										
26	120A7055	Gaurav Ulhas Soman										
27	120A7042	Prithvi Poojari										
28	120A2026	Latika Liladhar Dekate										
29	120A2015	Gharabidi Sunil										
30	120A2017	Prateek Hunasikatti										
31	221A2060	Karthika Malayandi yadav										

32 119A2084 Tanay Mandal

33 119A2042 Mrunali Chalke

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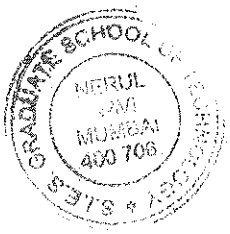
Responses:

1	6-1-22 13:24:52	6-1-22 13:26:31 sachetuecs120@gst.sie Sachet Utekar	Sachet Sandeep Utekar	120A7058	Electronics & Computer	SE	B	sachetuecs120@gst.sie	9152303975
2	6-3-22 13:45:31	6-3-22 13:48:32 jinendrpextc119@gst.si JINENDR POOJARY	Jinendr Poojary	119A2055	EXTC	TE	B	poojaryjinendr19@siesg	9987428658
3	6-3-22 18:43:13	6-3-22 18:51:26 sakshivkextc221@gst.s SAKSHI KADAM	Sakshi Vithal Kadam	221A2058	EXTC	SE	A	sakshikadam124@gma	9967314637
4	6-4-22 14:00:45	6-4-22 14:02:44 furqansbextc221@gst.s FURQAN BUDYE	Furqan shakil Budye	221A2055	Extc	TE	A	furqanbudyefs13@gma	8433690571
5	6-4-22 20:05:49	6-4-22 20:06:39 shubhamyce120@gst.s Shubham Yadav	Shubham Yadav	120A1106	CE	SE	Other	shubhamyce120@gst.s	9137633169
6	6-5-22 10:10:45	6-5-22 10:12:11 pavlinfextc119@gst.sie PAVLIN FERNANDES	Pavlin Fernandes	119A2018	EXTC	TE	A	pavlinfextc119@gst.sie	8693055967/
7	6-5-22 10:41:52	6-5-22 10:47:17 saurabhsce120@gst.sie Saurabh Shinde	Saurabh Shinde	120A1104	CE	SE	Other	saurabhsce120@gst.sie	8104954580
8	6-5-22 12:58:40	6-5-22 12:59:23 siddharthvce120@gst.s Siddharth Veeramani	Siddharth veeramani	120A1107	Ce	SE	Other	siddharthvce120@gst.s	8779002008
9	6-6-22 9:54:26	6-6-22 10:19:33 aadityabce120@gst.sie Aaditya Bannore	Aaditya M Bannore	120A1006	CE	SE	Other	aadityabce120@gst.sie	8291761594
10	6-6-22 20:29:58	6-6-22 20:34:46 saakshirecs120@gst.sie Saakshi Rajput	Saakshi Rajput	120A7045	Ecs	SE	B	Saakshirajputecs120@s	7045366068
11	6-6-22 23:49:39	6-6-22 23:55:47 sanyasecs120@gst.sies Sanya Sharma	Sanya Arvind Sharma	120A7050	ECS	SE	B	sanyasecs120@gst.sies	8356811194
12	6-6-22 23:41:53	6-6-22 23:55:51 amanccecs120@gst.sies Aman Chavan	Aman Chavan	120A7016	ECS	SE	B	amanccecs120@gst.sies	8266339956
13	6-9-22 18:03:54	6-9-22 18:05:49 varadpextc120@gst.sie Varad Patil	Varad Uttam Patil	120A2036	EXTC	SE	A	varadpextc120@gst.sie	9137883989
14	6-9-22 19:09:23	6-9-22 19:10:13 pradnyatextc119@gst.s PRADNYA TALEKAR	Pradnya Avadhut Talek	119A2056	EXTC	TE	B	Talekarpradnya19@sies	9920772040
15	6-9-22 20:25:46	6-9-22 20:27:35 sanikahextc120@gst.si Sanika Hiroji	Sanika Vikas Hiroji	120A2016	EXTC	SE	A	sanikahiroji08092002@	9594081416
16	6-9-22 22:06:56	6-9-22 22:09:47 pranjaltextc119@gst.si PRANJAL THAKUR	Pranjal Thakur	119A2057	EXTC	TE	B	thakurpranjal19@siesg	7678086486
17	6-9-22 22:57:50	6-9-22 23:00:09 manassextc120@gst.si Manas Shetty	Manas Shetty	120A2043	EXTC	TE	A	manasshettyextc120@s	9920402080
18	6-9-22 23:14:20	6-9-22 23:14:29 shrinivashextc120@gst Shrinivas Hunnur	Shrinivas S Hunnur	120A2018	EXTC	TE	A	shrinivashextc120@gst	9321492735
19	6-9-22 23:22:48	6-9-22 23:25:20 aditimextc119@gst.sie ADITI MOKASHI	Aditi Anil Mokashi	119A2005	Extc	TE	A	mokashiaditi19@siesgs	9076165206
20	6-9-22 23:38:15	6-9-22 23:41:30 udaysextc119@gst.sies UDAY SENGUPTA	Uday Sengupta	119A2090	EXTC	TE	B	udaysextc119@gst.sies	9004520123
21	6-10-22 11:18:05	6-10-22 11:23:58 pradeeprecs120@gst.si Pradeep Rajeshkumar	Pradeep Rajeshkumar	120A7039	ECS	SE	B	srpradeep789@gmail.c	9920440407
22	6-10-22 14:00:25	6-10-22 14:06:39 gauravsecs120@gst.sie Gaurav Soman	Gaurav Ulhas Soman	120A7055	ECS	TE	B	gauravsecs120@gst.sie	9136351570
23	6-10-22 18:46:11	6-10-22 18:58:56 prithvipecs120@gst.sie Prithvi Poojari	Prithvi Poojari	120A7042	ECS	SE	B	prithvipecs120@gst.sie	9768081064
24	6-10-22 20:40:50	6-10-22 20:45:05 latikadextc120@gst.sie Latika Dekate	Latika Liladhar Dekate	120A2026	EXTC	SE	A	latikadextc120@gst.sie	8452981398
25	6-11-22 10:37:53	6-11-22 10:44:04 sunilkumargextc120@g Sunilkumar Gharabidi	Gharabidi Sunil	120A2015	Extc	TE	A	sunilkumargextc120@g	8928814912
26	6-11-22 12:44:41	6-11-22 12:45:09 prateekhextc120@gst.s Prateek Hunasikatti	Prateek Hunasikatti	120A2017	EXTC	SE	A	prateekh01@gmail.com	9136069902
27	6-15-22 12:15:13	6-15-22 12:16:31 karthikayextc221@gst.s Karthika Yadav	Karthika Malayandi yad	221A2060	EXTC	SE	A	karthikayadav31@gmail	8169606903
28			Mrunali chalke						
29			Tanoy Mandal						

3. Feedback



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ID	Full Name	Roll No	Department	Your mobile No	Your email id	CO1: How well you were able to understand and write basics commands of python during	CO2: How well did you understand basics of image processing	CO3: How well did understand the implementation of image processing techniques using Python?	CO4: How well did you understand the concepts in machine learning?	CO5: How well you could write the codes of machine learning using Python?	CO6: How well you are able to implement mini project based on image processing and machi	How was overall content delivery of all the sessions of SDP	Your suggestion about SDP contents	Would you like to attend this kind of SDP in future? If Yes, suggest topic
1	Manas Shetty	120A2043	EXTC	9920402080	manasshettyextc120	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Excellent		
2	Sanika Vikas Hir	120A2016	EXTC	9594081416	sanikahextc120@gst.	Neutral	Somewhat well	Neutral	Somewhat well	Somewhat well	Somewhat well	Good	Nice	
3	VARAD UTTAM	120A2036	EXTC	9137883989	varadpextc120@gst.s	Extremely well	Extremely well	Somewhat well	Somewhat well	Somewhat well	Neutral	Good	nothing	
4	Jinendr Poojary	119A2055	EXTC	9987428658	poojaryjinendr19@sie	Extremely well	Extremely well	Somewhat well	Somewhat well	Somewhat well	Somewhat well	Excellent	Content was okay but most of the theory pa	
5	Mrunali Chalke	119A2042	EXTC	9082354482	mrunalicextc119@gst	Somewhat well	Somewhat well	Somewhat well	Somewhat well	Somewhat well	Somewhat well	Good	-	-
6	Aaditya M Banno	120A1006	CE	8291761594	aadityabannorece120	Extremely well	Somewhat well	Extremely well	Extremely well	Somewhat well	Somewhat well	Excellent	NICE , I got basic un	YES if they include u
7	Uday Sengupta	119A2090	EXTC	9004520123	udaysextc119@gst.si	Extremely well	Extremely well	Somewhat well	Extremely well	Somewhat well	Extremely well	Excellent	Everything was well	Data science/analysis
8	Karthika Yadav	221A2060	EXTC	8169606903	karthikayadav31@gm	Somewhat well	Extremely well	Extremely well	Somewhat well	Neutral	Somewhat well	Good	It was all Ok	Yes
9	Sachet Sandeep	120A7058	CE	9152303975	sachetuecs120@gst.s	Extremely well	Somewhat well	Somewhat well	Extremely well	Extremely well	Extremely well	Excellent	Please extend your c	Yes, indeed. Topics:
10	Sanya Arvind Sh	120A7050	EXTC	8356811194	sanyasecs120@gst.s	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Excellent	The time duration of	Yes
11	Aman Chavan	120A7016	EXTC	8286839956	amancecs120@gst.si	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Excellent	time duration should	Yes
12	Saakshi Rajput	120A7045	EXTC	7045366088	Saakshirecs120@gst	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Extremely well	Excellent	No	Yesss
13	Prithvi Poojari	120A7042	CE	9768081064	poojari1prithvi@gma	Extremely well	Neutral	Neutral	Somewhat well	Somewhat well	Somewhat well	Excellent	NA	Space science
14	Pradeep Rajeshk	120A7039	EXTC	9920440407	pradeeprecs120@gst	Extremely well	Extremely well	Somewhat well	Extremely well	Somewhat well	Somewhat well	Excellent	.	.
15	Gaurav ulhas son	120A7055	EXTC	9136351570	gauravsecs120@gst.	Extremely well	Extremely well	Somewhat well	Extremely well	Somewhat well	Extremely well	Good	Increase the duration	RNN

4. Certificate

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CERTIFICATE OF COMPLETION

This is to Certify That
Pavlin Fernandes
Has successfully Completed the value-added course on
Image Processing and Machine Learning using Python
from 27/6/2022 to 2/7/2022
Organized by **Electronics and Telecommunication** department, SIES GST.
During the internship, he/she has successfully completed the project titled
Credit Card Fraud Detection

Prof. Pushkar Sathe (Course Coordinator)

Dr. Preeti Hemnani (Head of Department)

Dr. Atul kemkar (Principal)

EXTC/SOP/0622/394

GRADUATE SCHOOL OF TECH... NERUL NAVI MUMBAI 400 706 S.I.E.S. ★

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Sector-V, Nerul, Navi Mumbai-400706

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

Department of Information Technology

Event Report

Event Information
Event Type: Student Development Program
Event title: Full Stack web development
Resource Person: Industry Experts: 1. Mr. Ganesh Ashok Deshmukh – Backend Developer, Jio-Haptik 2. Mr.RahulThorat, ASDE, CarTrade Tech Limited. 3. Internal Expert: Prof. Amit Pandhare, Prof. Samundiswary
Event date: June 23-June 29, 2021
Organized for: SE/TE/BE Branch:IT/CE/EXTC
Organized by: Prof. Stuti Ahuja
Target audience (branch & nos.): SE/ TE (CE, IT, EXTC)- 66 Completed course, 55 (Internship)
Attachments: **1. Photographs (in JPEG/PNG)** **2. Attendance report** **3. Feedback**

SIES GRADUATE SCHOOL OF TECHNOLOGY NERUL, NAVI MUMBAI 400 706

Principal
S.I.E.S. GRADUATE SCHOOL OF TECHNOLOG
PLOT 1C/D/E, SRI CHANDRASEKARENDRA SARASWATHY VIDYAPURA
SECTOR-V, NERUL, NAVI MUMBAI-400 706.

Event Description

IETE Students' Forum of SIES Graduate School of Technology, Nerul, conducted a student development program on Full Stack web development. It was conducted jointly by an Internal Expert Prof. Amit Pandhare, Prof. Samundiswary and Industry Experts: Mr. Ganesh Ashok Deshmukh Backend Developer, Hoppr and Mr.RahulThorat, ASDE, CarTrade Tech Limited from Dec 13- Dec 18, 2021 for 41 IETE SIESGST students.

Following were the contents of course:

Module 1: Web Programming fundamentals.

Module 2: Java Script and React Fundamentals

Module 3: Python Web Framework: Django and Database (SQL &NoSQL)

Module 4: Problem statement formulation for Mini project and its implementation based on the course learned.

The rest of the session was focused on internships which were completed by students during which they completed industry related projects. The projects were guided by Prof. Amit Pandhare and Prof. Samundiswary and presentations were conducted with evaluation and assessment based on which certificates to students were issued certificates.

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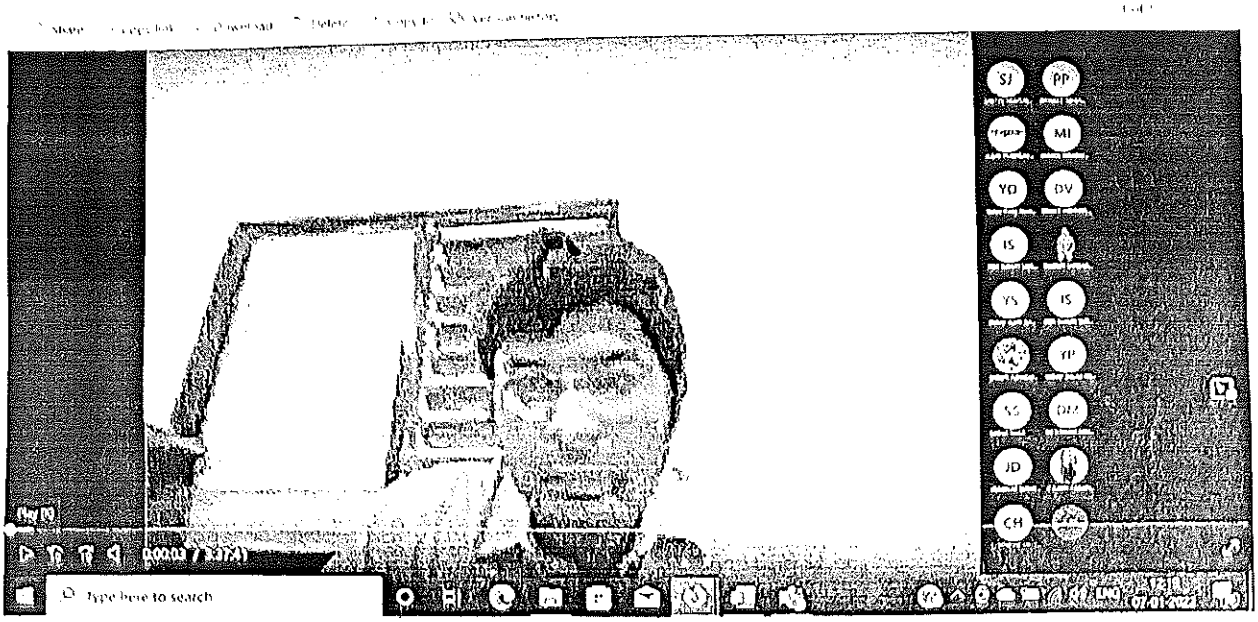
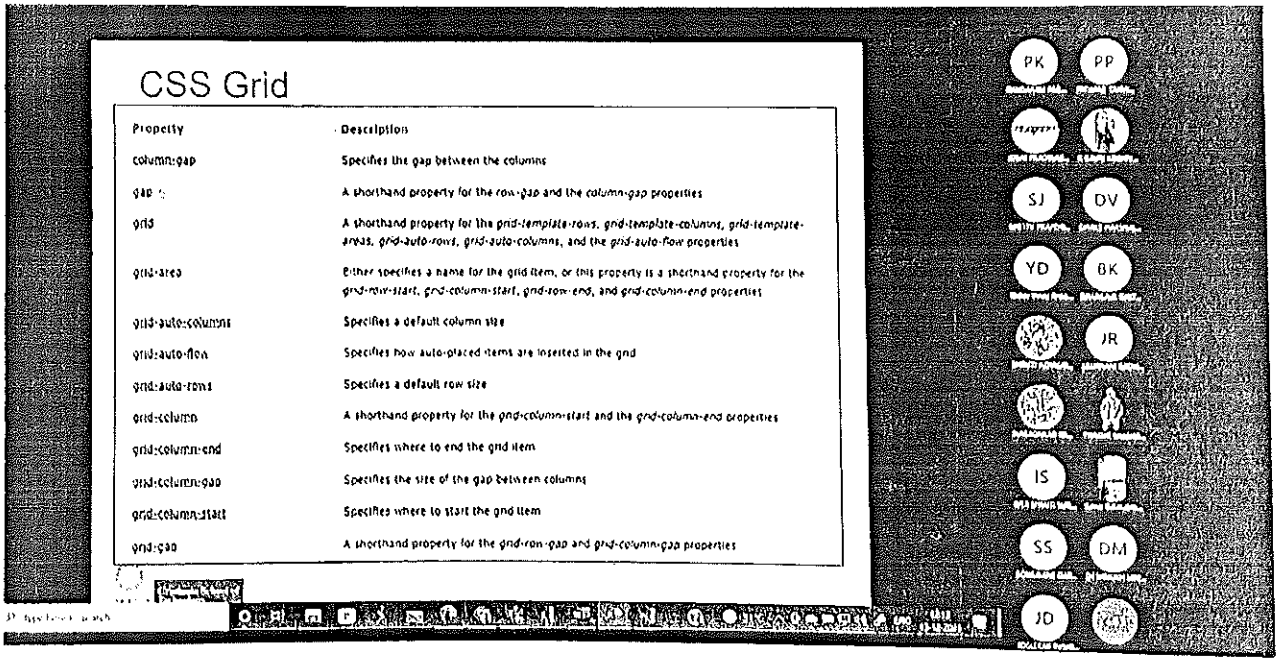
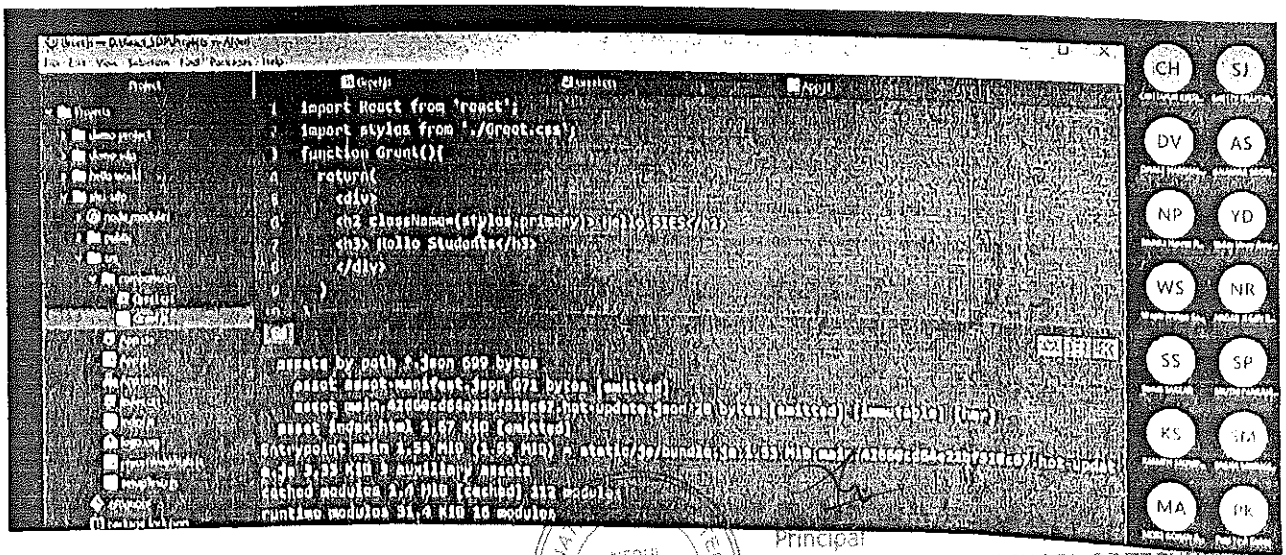
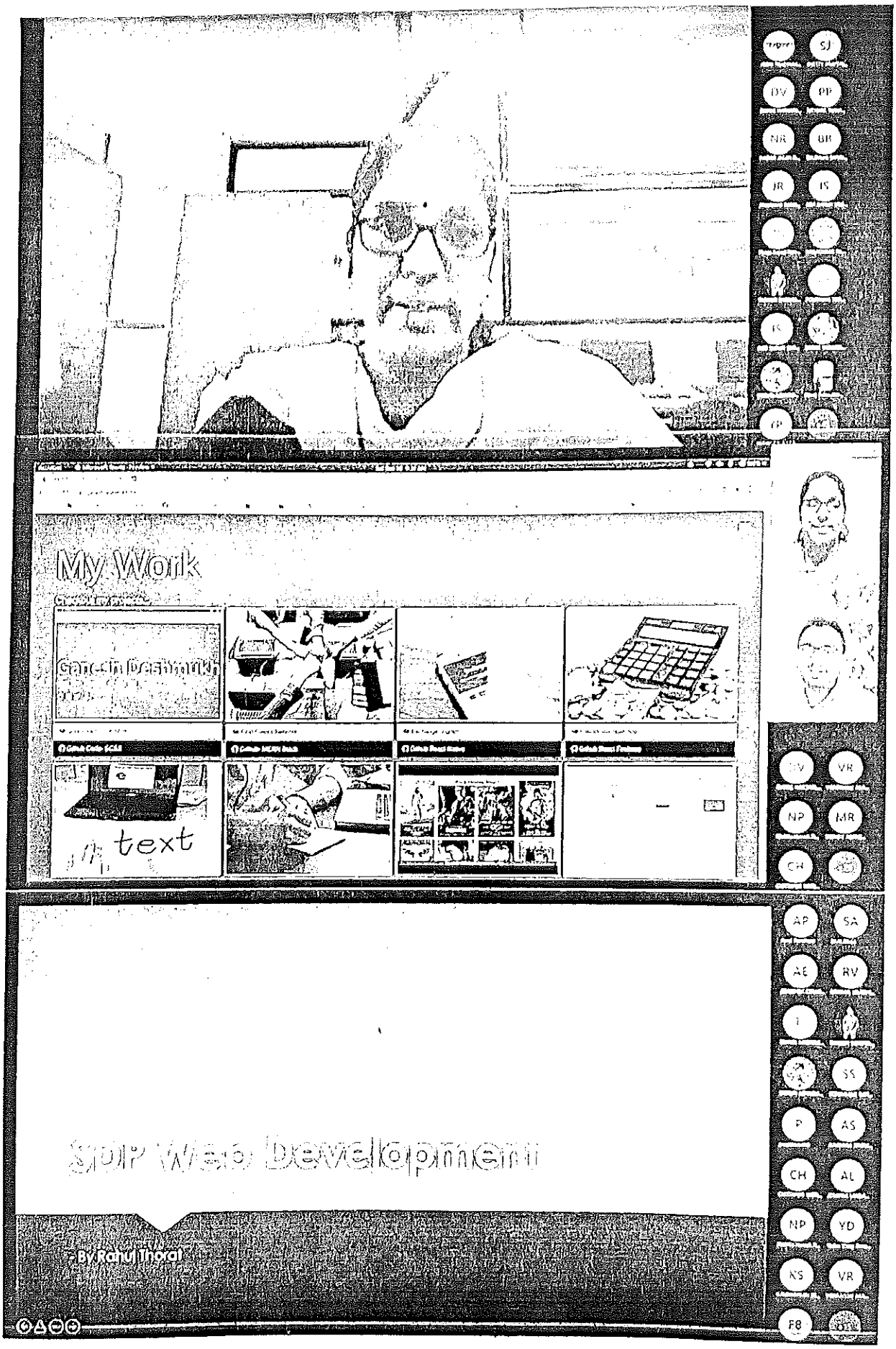
SECTOR-V, NERUL, NAVI MUMBAI-400 706.

Photographs (in JPEG/PNG)



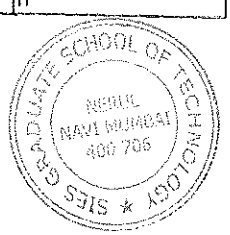






Attendance Report

1	Gopal Jha	219A2125	BE	EXTC
2	Kunal Balasubramaniyam	220A2112	TE	EXTC
3	Venkatesh Naidu	220A1102	TE	CE
4	Janhavi Patil	219A2126	BE	IT
5	Venkateshwar Ukkalam Mac	220A02	TE	CE
6	Dhruv Suvarna	220A018	TE	CE
7	Pranjal Thakur	119A2057	TE	EXTC
8	Saumya Kamath	119A1028	TE	IT
9	Kirtikumar Hanumant Chitta	119A2041	TE	EXTC
10	Aditi Anil Mokashi	119A2004	TE	EXTC
11	Isha Bawaskar	119A1022	TE	CE
12	Ananyaa Sridhar	119A1001	TE	CE
13	Sahil Ashok Phatak	119A2065	TE	EXTC
14	Tanvi Pathare	119A1056	TE	CE
15	Srishti Sharma	119A2072	TE	EXTC
16	Ishaa Ahuja	119A1025	TE	CE
17	Akaash.V.R	119A2006	TE	EXTC
18	Nadar Jegan Rajavel	119A1034	TE	IT
19	Anushree Pillai	119A1038	TE	IT
20	Varun Vishnu Sarang	219A2111	BE	EXTC
21	Zaid Asif Basri	118A1010	BE	CE
22	Shruti Srikant Iyer	119A1022	TE	IT
23	Ananya Lakshmanan	119A1008	TE	CE
24	Dhanshree tekale	220A2122	TE	EXTC
25	gaurav karande	119A1023	TE	CE
26	SNEHA MURUGESH	119A3048	TE	IT
27	Priyanka Paulraj	219A1102	BE	CE
28	Sonali Sarkar	219A1105	BE	CE
29	Yash Patil	220A2115	TE	EXTC
30	Rutujeet Falmare	119A1065	TE	CE
31	Salsh Shetty	119A2067	TE	EXTC
32	Mihoti Deshmukh	119A1018	TE	CE
33	Vaishnavi A	119A1094	TE	CE
34	Vilasini Vijay Bankar	118A2087	BE	EXTC
35	SRUTHI PANKAJAKSHAN	119A1087	TE	CE
36	Shruti Azhagu Mani	118A1085	BE	CE
37	Aditi Yadav	118A2118	BE	EXTC
38	Shruti Iyer	119A1028	TE	CE
39	Dinesh Choudhary	118A1019	BE	CE
40	Divyalaxmi Thiruganan	119A3015	TE	IT
41	Shruti Narayan Gope	119A2076	TE	EXTC
42	Balaji Yadav	118A2119	BE	EXTC
43	Chetna Pradhan	119A2011	TE	EXTC
44	Pooja Nandekar	220A1103	TE	CE
45	Shubham Bhandari	119A2078	TE	EXTC
46	Darshan Sonawane	119A2012	TE	EXTC
47	VAISHNAVI SREEKUMAR	118A2114	BE	EXTC
48	Harshal Dhake	119A2024	TE	EXTC
49	Prapthi Shetty	119A1074	TE	CE
50	Darshan Patel	118A1020	BE	CE
51	Jai Janani Radhakrishnan	119A3024	TE	IT
52	Subas Kankote	220A2108	TE	EXTC
53	Shashank Thakur	219A2138	BE	EXTC
54	Ajay Shinde	118A2098	BE	EXTC
55	Pooja Guchait	119A2023	TE	EXTC
56	Nishika Haresh Patel	220A3069	TE	IT
57	SNEHA SHAJI	119A1083	TE	CE
58	Pratik Mohite	219A2129	BE	EXTC
59	Manoj Inbarajan	119A1041	TE	CE
60	E.Abhishek	119A1002	TE	CE
61	Janani Iyer	119A1030	TE	CE
62	Pavlin Fernandes	119A2018	TE	EXTC
63	Vinay yadav	117A1094	TE	CE
64	Arshiya Wagle	220A2130	TE	EXTC
65	Sakshi Mahadik	219A2127	BE	EXTC
66	Pranali Dharme	220A3066	TE	IT



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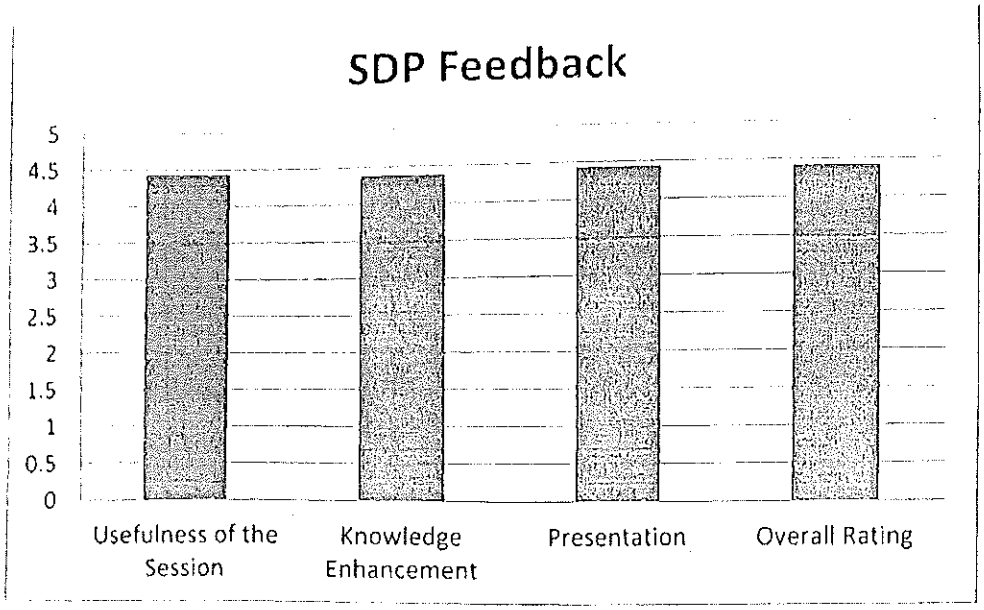
Feedback



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