



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna University
email Id: principal@msec.edu.in
Website : www.msec.edu.in

Criterion VII – Institutional Values and Best Practices

7.2.1 BEST PRACTICES

AEP (Achieve Excellence Program)



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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AEP

(ACHIEVE EXCELENCE PROGRAM)

ACTIVITIES CONDUCTED (2022-2023)

S.NO.	DEPARTMENT	2022-2023
1.	CIVIL	<ul style="list-style-type: none">• Software's in Civil Engineering• Project domains in Civil Engineering• Scope of Structural Engineering
2.	CSE	<ul style="list-style-type: none">• The Spaceport of India• Mission Gaganyaan
3.	IT	<ul style="list-style-type: none">• Internet of Things(IOT)
4.	MECHANICAL	<ul style="list-style-type: none">• Challenges for the Young Engineers



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Achieve Excellence Program

ASP
REPORT





MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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BEST PRACTICE

1. Title of the practice

Achieve Excellence Program (AEP)

2. Objectives of the Practice

- To provide a platform for top performing students to achieve excellence in Engineering Field.
- To guide and mentor the students in the right direction to excel in academics and other co-curricular activities.
- To support students to stay updated with the recent trends and technologies by means of conducting workshops and invited talks.
- To guide the students to do innovative projects.
- To drive the students towards quality publications.

3. The context

MSEC strives to produce students of outstanding academic excellence to benefit the society.

The institution ensures the following,

- Continuous upgradation of teaching faculty to ensure a high standard of quality of education.
- Constant interaction with its stakeholders.
- Linkage with other educational institutions and industries.
- Provision of Research facilities and infrastructure.
- Adequate opportunities and exposure to the students through various programs.

4. The Practice

The interactive nature of the program brings together theory and knowledge from the respective stream of Engineering and practical ideas for change that can be applied to the real life practice.

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MSEC conducts this excellence program for all the students with the masterclass series includes (workshops, seminar, paper presentation, project implementation). Peer learning and sharing of solutions are actively encouraged.

Paper presentation event is conducted to encourage our students to explore the advancements in various technologies and industry practices. All 2nd, 3rd and 4th year students are encouraged to present papers which will help them to share their knowledge through interaction with the participants, improve their technical knowledge, presentation skills and confidence level.

Third year and final year students across the institution from all the departments are motivated to implement projects and present them on the day of the program. This helps students to practice real time problem solving and project implementation. The implemented projects are reviewed by the judges from industries and /or academia.

5. Evidence of success

Industry experts are invited to assess and evaluate the students' performance in these activities. Guidance and feedback are provided for further improvements. Top performing students and teams are recognized with prizes.

With regular implementation of this AEP, MSEC maintains a high placement record. AEP students of 302 students are placed in well reputed companies. As a result of enhancing students in their technical skills and soft skills, students get job offers in well reputed companies.

6. Problems encountered and resources required

Conducting AEP activities require support from Industry experts and experienced academicians from reputed Institutions like IITs, IISc, etc. Invite more eminent people to drive the program in the right direction to achieve success.

Multidisciplinary Specialized laboratories are required to implement innovative projects and collaborative research work.

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Criterion VII – Institutional Values and Best Practices

7.2.1 BEST PRACTICES

AEP

**MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE**



**DEPARTMENT OF CIVIL
ENGINEERING**

ACHIEVE EXCELLENCE PROGRAM

ACADEMIC YEAR 2022-23

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

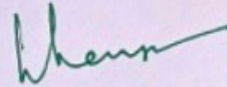
CIRCULAR

Date:22/09/2022

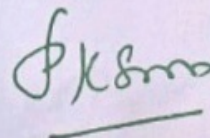
This is for the information of all the students of II-, III- and IV-year Civil department, who are willing to join in Achieve Excellence Program are requested to assemble at Civil Seminar Hall on 30/09/2022 at 11.45am.

The purpose of the meeting will be to discuss about the fields or particular areas in which students want to enhance their skills and mainly about their goals and ways to achieve it.

HOD/Civil



(Dr.L.Ramajeyam)



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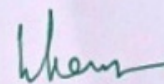
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

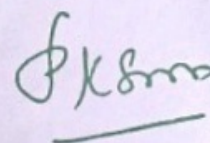
MINUTES OF MEETING

Date:24/06/2017

The meeting was successfully conducted on the mentioned date and many students from all the classes showed up to the meeting. Students were asked to tell the areas in which they need extra guidance. Students came up with many questions and most of the students asked for career guidance, many were interested to learn the various software in civil engineering, few asked about the ways to write journal paper, most of the students were keen in structural engineering field and most of the III-year students asked for the ways to select project title. By this the meeting came to an end and the topics were finalized.



HOD/Civil



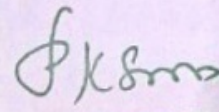
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Department of Civil Engineering
ACHIEVE EXCELLENCE PROGRAM

S.No	Date &time	Name of the Event	No.of participants
1	17/11/22 & 7.00 pm	software's in Civil Engineering	17
2	18/11/22 & 7.00 am	Project domains in Civil Engineering	17
3	20/11/22 & 7.00 am	Scope of Structural Engineering	17

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

ACHIEVE EXCELLENCE PROGRAM

SOFTWARES IN CIVIL ENGINEERING

THURSDAY 17th NOVEMBER 2022

7.30 pm - 8.30 pm



Mr. Vivek Kennady, B.E
Manager - Professional Services
INFINITY PMC SOLUTIONS PVT LTD.



Google Meet

<https://meet.google.com/gto-guqn-gzf>

Dr.K.S.Babai
Secretary

Dr.P.K.Suresh
Principle

Dr.L.Ramajeyam
HOD/Dean



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

ACHIEVE EXCELLENCE PROGRAM

SOFTWARES IN CIVIL ENGINEERING

THURSDAY 17th NOVEMBER 2022

7.30 pm - 8.30 pm



Ms. Suganya Sekar, B.E, PMP
Sr. Manager – Delivery & Services, Chennai
INFINITY PMC SOLUTIONS PVT LTD.



Google Meet

<https://meet.google.com/gto-guqn-gzf>

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Secretary

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HOD/Dean

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Department of Civil Engineering

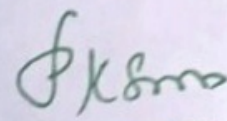
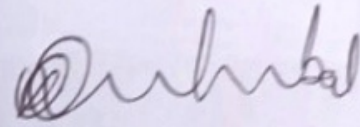
ACHIEVE EXCELLENCE PROGRAM

Attendance

Softwares in Civil Engineering

Thursday 17 2022 @ 7.30 pm

S.No	Reg.No	Name of the Student	Year/Sem	Present/Absent
1	311519103001	Abishek.K	IV/VIII	/
2	311519103003	Bhuvaneshkumar.R	IV/VIII	/
3	311519103007	Dharshini.M	IV/VIII	/
4	311519103011	Kamal.K	IV/VIII	/
5	311519103030	Santhana lakshmi.V	IV/VIII	/
6	311519103036	Yogeshwaran.A	IV/VIII	/
7	311520103002	Abishekraj.M	III/V	/
8	311520103006	Deepak C.H	III/V	/
9	311520103008	Guhan N	III/V	/
10	311520103012	Jasheka V	III/V	/
11	311520103018	Nishanth S	III/V	/
12	311520103306	Roshinee Begum A K	III/V	/
13	311521103002	Ajith.M	II/III	/
14	311521103016	Maheswari.N.J	II/III	/
15	311521103018	Mithra.M	II/III	/
16	311521103023	Padma sai.S	II/III	/
17	311521103301	Jalendhiran.K	II/III	/

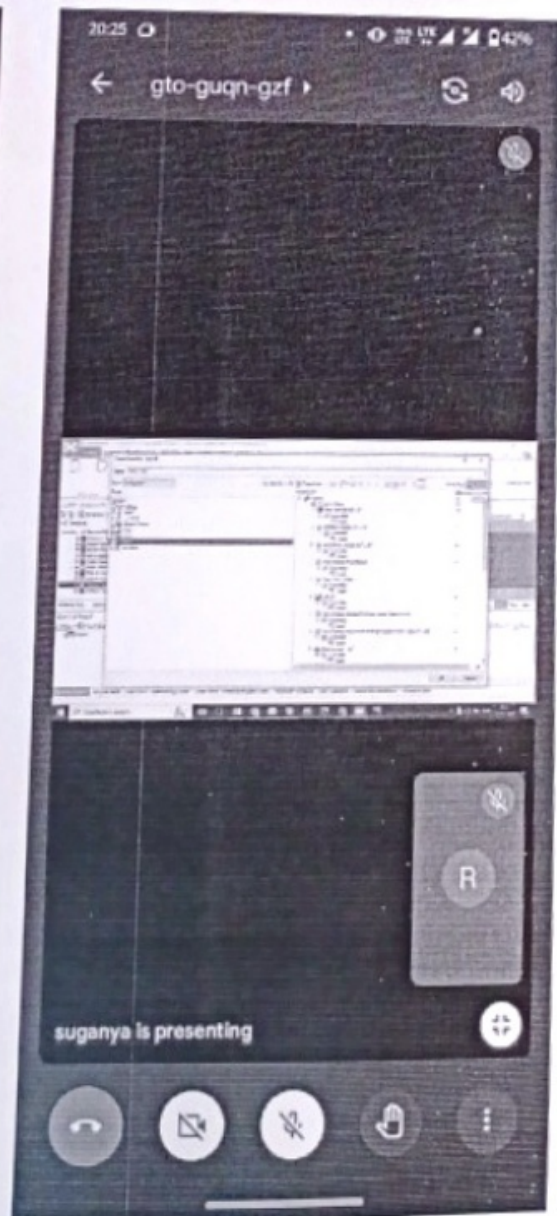
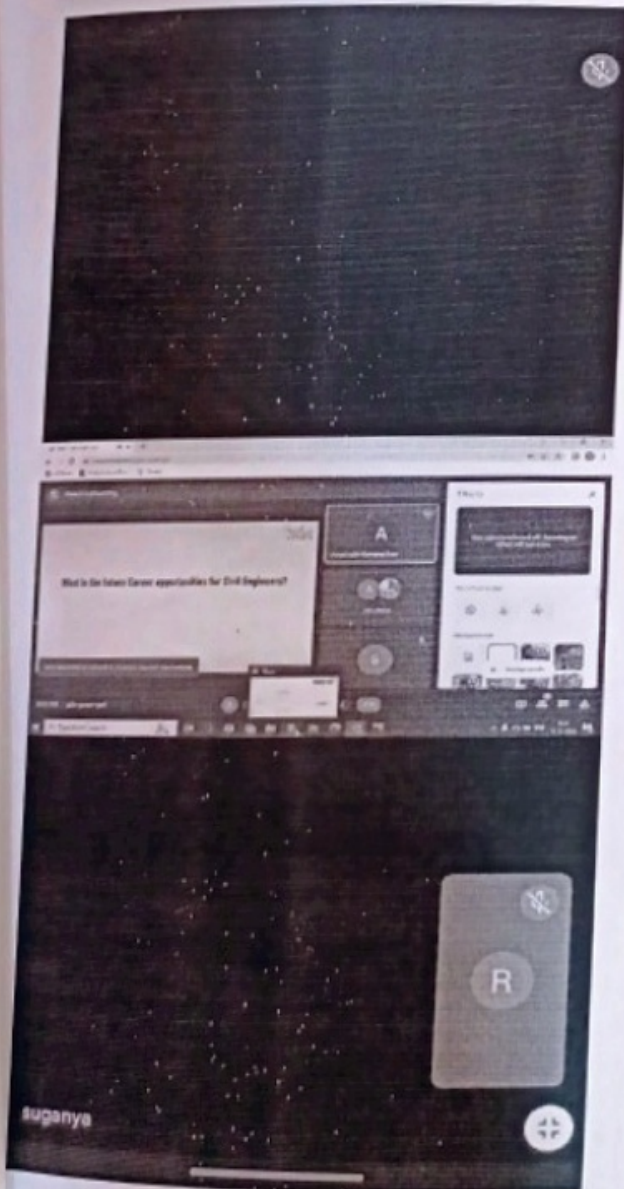


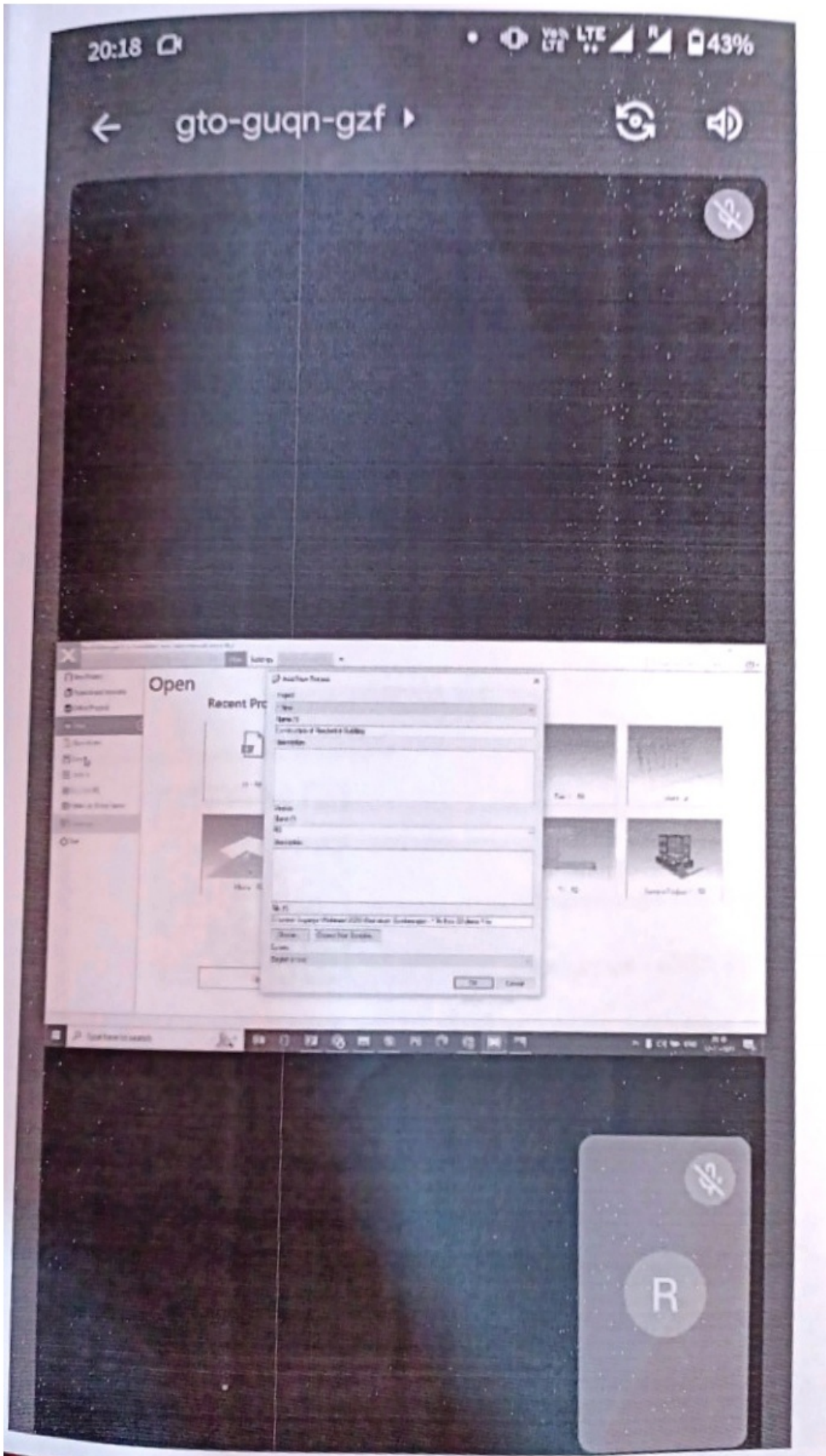
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DEPARTMENT OF CIVIL ENGINEERING
REPORT ON ACHIEVE EXCELLENCE PROGRAM'S HELD ON 17TH
THURSDAY NOV 2022

On 17th Nov 2022, Meenakshi Sundararajan Engineering, Department of Civil Engineering organized the Achieve Excellence Program on the topic "Software in Civil Engineering". The speaker of the program was Mr. Vivvek Kennady who was is Manager & Ms.Suganya Sekar, Senior Manager in Infinity PMC Solutions. The online Program began with the welcome address given by Mrs. U.Nirmalambal, Associate Professor. She introduced the speaker to the attendees.





The speaker addressed the participants about different software in the field of Civil Engineering. He discussed about current software and modified software in structural analysis and in design purpose. He also shared his experiences that how he taught his student who perusing software course under his vision and making them more skilled in the software in the design and analysis field. He particularly mentioned about the scope available in civil engineering particularly in software. The webinar was very interactive throughout. At the end of both the sessions Q&A was conducted. It was very useful program through to zoom were all Achievers Program students a took part in the Program. The Program was concluded with a vote of thanks. Participants were asked to fill the feedback form at the end.

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DEPARTMENT OF CIVIL ENGINEERING
AEP FEEDBACK (SOFTWARES IN CIVIL ENGINEERING)

S.No	Name of the Student	Reg.No	How useful do you think this program for you?	The levels of presentation were appropriate.	The material presented was related and helpful.	The purpose of the program was meet.	Any suggestions
1	M.Dharshini	311519103007	1	1	1	1	No
2	Yogeshwaran.A	311519103036	2	2	1	1	Intresting session
3	Deepak.ch	311520103006	1	1	1	3	It was useful to have the meeting.
4	Jalendhiran. K	311521103301	1	1	2	1	Helpful of the this program include civil engine
5	Padma Sai	311521103023	3	1	1	1	Nil
6	Santhana lakshmi	311519103030	2	2	1	2	No
7	ABISHEK RAJ M	311520103002	1	1	1	1	Conduct session of some other domain.
8	M. AJITH	311521103002	1	2	2	1	Nothing
9	BHUVANESHKUMAR R	311519103003	1	1	1	1	More analysis softwares can be explained
10	ABISHEK K	311519103001	1	1	1	1	Nothing
11	GUHAN.N	311520103008	2	1	1	2	It is quiet helpfull than syllabus
12	jashekavp20@gmail.com	311520103012	1	1	1	1	Still more time
13	K.kamali	311519103011	1	1	2	1	Nope
14	Maheswari N.J	311521103016	1	1	1	1	Thus meeting is very nice and knowledge gain
15	Nishanth	311520103018	1	1	1	1	Super presentation
16	A.K.ROSHINEE BEGUM	311520103303	2	1	1	2	Very useful
17	M.Mithra	311521103018	1	1	1	1	No

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Principals

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

ACHIEVE EXCELLENCE PROGRAM

PROJECT DOMAINS IN CIVIL ENGINEERING

FRIDAY 18th NOVEMBER 2022

7.00 pm - 8.00 pm



Mr. P. Barathidasan, M.E, HOD (Incharge),
Department of Civil Engineering,
MNM Jain Engineering College, Chennai .



Google Meet

<https://meet.google.com/zau-kcoh-xud>

Dr. K.S. Babai
Secretary

Dr. P.K. Suresh
Principle

Dr. L. Ramajeyam
HOD/Dean

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Department of Civil Engineering

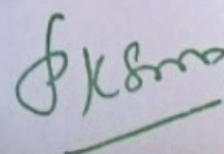
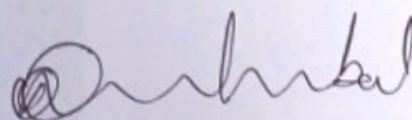
ACHIEVE EXCELLENCE PROGRAM

Attendance

Project Domains in Civil Engineering

Friday 18 2022 @ 7.00 pm

S.No	Reg.No	Name of the Student	Year/Sem	Present/Absent
1	311519103001	Abishek.K	IV/VIII	/
2	311519103003	Bhuvaneshkumar.R	IV/VIII	/
3	311519103007	Dharshini.M	IV/VIII	/
4	311519103011	Kamall.K	IV/VIII	/
5	311519103030	Santhana lakshmi.V	IV/VIII	/
6	311519103036	Yogeshwaran.A	IV/VIII	/
7	311520103002	Abishekraj.M	III/V	/
8	311520103006	Deepak C.H	III/V	/
9	311520103008	Guhan N	III/V	/
10	311520103012	Jasheka V	III/V	/
11	311520103018	Nishanth S	III/V	/
12	311520103306	Roshinee Begum A K	III/V	/
13	311521103002	Ajith.M	II/III	/
14	311521103016	Maheswari.N.J	II/III	/
15	311521103018	Mithra.M	II/III	/
16	311521103023	Padma sai.S	II/III	/
17	311521103301	Jalendhiran.K	II/III	/

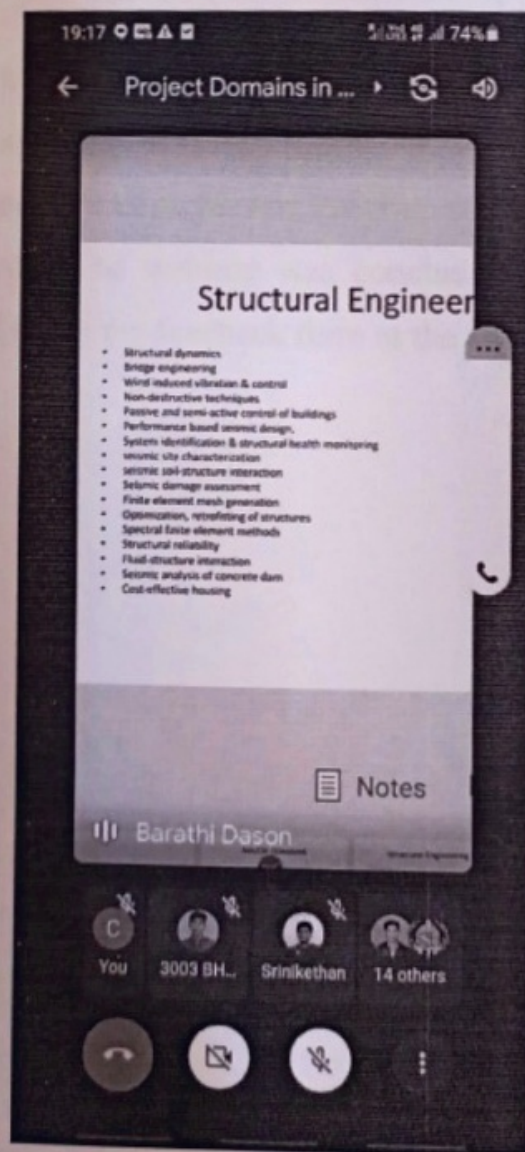


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DEPARTMENT OF CIVIL ENGINEERING
REPORT ON ACHIVERS EXCELLENCE PROGRAM'S HELD ON 18TH
NOV 2022

On 18th Nov 2022, Meenakshi Sundararajan Engineering, Department of Civil Engineering organized Achievers Excellence Program on "Project Domain in Civil Engineering".



The program conducted through online Program began with the welcome address by Mrs. Nirmalambal, Assistant Professor. She introduced the speaker to the attendees. The speaker addressed to the participants about ways used to select the project title. One of the major ways is to select the title is considering the research gap and other techniques to enhance to a small idea. He also highlighted to select the topics from dormant field of civil engineering. He also shared her own experiences that how she selected her own project title. He mentioned some of the way to present our project and to analyze the project. The webinar was very interactive throughout. Several questions were discussed like what are the best current topics in Civil Engineering field? Do we need necessarily need to make new innovation or we can even develop from others idea? It was well planned webinar through to zoom were all Achievers Program students and other students took part in the webinar. The webinar was concluded with vote of thanks. Participants were asked to fill the feedback form at the end.

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
AEP FEEDBACK (PROJECT DOMAINS IN CIVIL ENGINEERING)

Name of the Student	Reg.No	How useful do you think this program for you?	The levels of presentation were appropriate.	The material presented was related and helpful.	The purpose of the program was meet.	Any suggestions
jashekavp20@gmail.com	311520103012	1	1	1	1	Still more time
Deepak.Ch	311520103006	2	2	2	2	No
Jalendhiran K	311521103301	1	1	2	1	Sir today super for the meeting, I enjoy this meeting today, but lite aa voice break akuthu sir
ABISHEK K	311519103001	1	1	1	2	Nothing
GUHAN.N	311520103008	2	1	1	2	Informative session but if it's offline it will create an impact
ABISHEK RAJ M	311520103002	1	1	1	1	To conduct more session like this session.
A.K.Roshinee Begum	311520103303	2	1	2	2	Section was good
Thenmozhi S	311520103024	1	1	1	1	Informative
K.kamali	311519103011	1	1	1	1	Nope
Yogeshwaran.A	311519103036	2	2	2	2	Good session
mdha472@gmail.com	311519103007	1	1	1	1	No
Bhuvaneshkumar R	311519103003	1	1	1	1	Good session
Maheswari N.J	311521103016	1	1	1	1	This meeting was really helpfull for my studies and knowledge gainable session
Santhana Lakshmi V	311519103030	2	2	2	2	No
Padma Sai	311521103023	1	1	1	1	Nil
M.Mithra	311521103018	1	1	1	1	No

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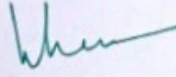
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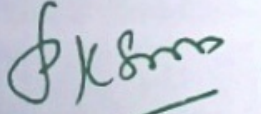
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ACHIEVE EXCELLENCE PROGRAM

PROJECT DOMAINS IN CIVIL ENGINEERING
INFERENCE FROM FEEDBACK

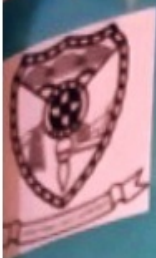
The session was very useful to know about the various project domains available for civil engineering. The students learnt about the different domains and it will be useful for them to pursue their projects. The program was highly interactive and it was a good platform to select the good project.


HOD/Civil,

(Dr.L.Ramajeyam



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**MEENAKSHI SUNDARARAJAN ENGINEERING
COLLEGE**

DEPARTMENT OF CIVIL ENGINEERING

Achieve EXCELLENCE PROGRAM

CARRIER OPPORTUNITIES IN CIVIL ENGINEERING

SUNDAY 20th NOVEMBER 2022

11.00 pm - 12.00 pm

**Mrs.Barathraj, M.E, Lecturer,
Department of Civil Engineering,
CPT, Chennai.**



Google Meet

<https://meet.google.com/vux-cyoi-tzi>

**Dr.K.S.Babai
Secretary**

**Dr.P.K.Suresh
Principle**

**Dr.L.Ramajeyam
HOD/Dean**

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Department of Civil Engineering

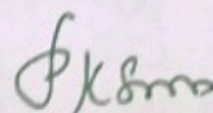
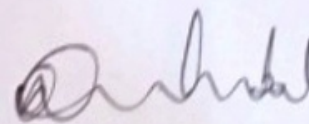
ACHIEVE EXCELLENCE PROGRAM

Attendance

Carrier Opportunities in Civil Engineering

Sunday 20 2022 @ 11.00 am

S.No	Reg.No	Name of the Student	Year/Sem	Present/Absent
1	311519103001	Abishek.K	IV/VIII	/
2	311519103003	Bhuvaneshkumar.R	IV/VIII	/
3	311519103007	Dharshini.M	IV/VIII	/
4	311519103011	Kamall.K	IV/VIII	/
5	311519103030	Santhana lakshmi.V	IV/VIII	/
6	311519103036	Yogeshwaran.A	IV/VIII	/
7	311520103002	Abishekras.M	III/V	/
8	311520103006	Deepak C.H	III/V	/
9	311520103008	Guhan N	III/V	/
10	311520103012	Jasheka V	III/V	/
11	311520103018	Nishanth S	III/V	/
12	311520103306	Roshinee Begum A K	III/V	/
13	311521103002	Ajith.M	II/III	/
14	311521103016	Maheswari.N.J	II/III	/
15	311521103018	Mithra.M	II/III	/
16	311521103023	Padma sai.S	II/III	/
17	311521103301	Jalendhiran.K	II/III	/

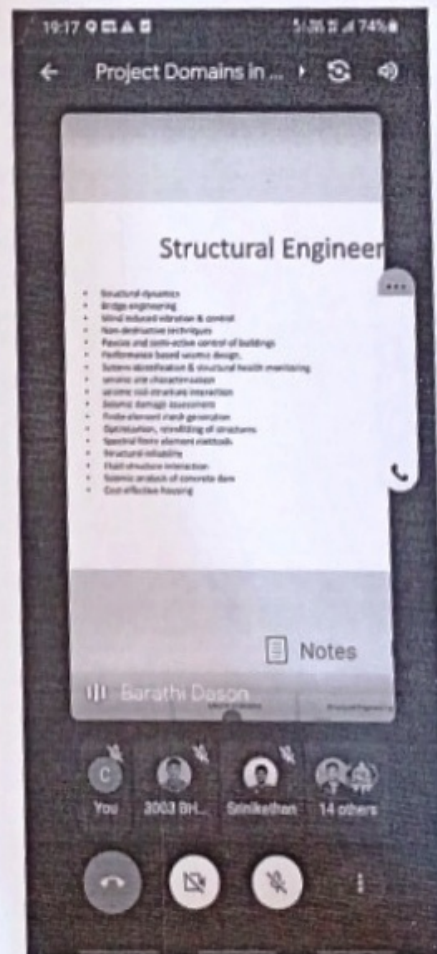
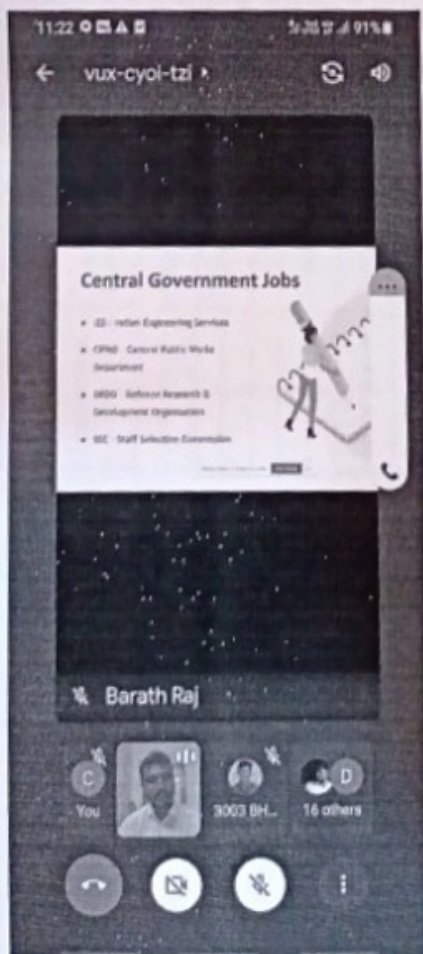


PRINCIPAL

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
REPORT ON ACHIEVE EXCELLENCE PROGRAM'S HELD ON 14TH
MAY 2022

On 14th May 2022, Meenakshi Sundararajan Engineering, Department of Civil Engineering organized the Achieve Excellence Program on the topic “Carrier Opportunities in Civil Engineering”. The speaker of the program was Mr. S.Barathraj who is working as a Lecturer and the online Program began with the welcome address given by Mrs. U.Nirmalambal, Assistant Professor. She introduced the speaker to the attendees. The speaker addressed to the participants about the various opportunity in the civil engineering field. He discussed about vacancies in government sector. He was also said about the opportunity in the core as well as non-core fields. He also highlighted the tips and tricks to crack the government exams.



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
AEP FEEDBACK FORM (CARRIER OPPURTUNTIES IN CIVIL ENGINEERING)

Name of the Student	Reg.No	How useful do you think this program	The levels of presentation were appropriate.	The material presented was related and helpful.	The purpose of the program was meet.	Any suggestions
M.Dharshini	311519103007	1	1	1	1	No
ABISHEK K	311519103001	1	1	1	1	Nothing
Jasheka	311520103012	1	1	1	1	Still more time
Deepak.ch	311520103006	2	2	2	2	Nothing found
ABISHEK RAJ M	311520103002	1	1	1	1	Overall session was nice experience. Might be more specific in content.
GUHAN.N	311520103008	2	2	2	2	Good information ideas for the future
A.K.Roshinee Begum	311520103303	1	1	1	1	Very informative
Santhana lakshmi	311519203030	2	2	2	2	No
Kamali.k	311519103011	1	1	1	2	Nope
Bhuvaneshkumar R	311519103003	1	1	1	1	Most informative and usefull session such sessions should be conducted frequently
Santhana lakshmi	311519103030	2	2	2	2	No
Nishanth S	311520103018	1	1	1	1	Super session
Maheswari N.J	311521103016	1	1	1	1	This was a very good oppertunity.thank you for this wonderful session
YOGESHWARAN.A	311519103036	1	2	1	2	good session
M.Mithra	311521103018	1	1	1	1	No
Padma Sai	311521103023	1	1	1	1	Nil
Deepak.Ch	311520103006	1	1	1	1	No
Jasheka	311520103012	1	1	1	1	Need more time for this session

wh

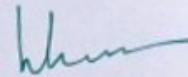
fxsma

PRINCIPAL
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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
ACHIEVE EXCELLENCE PROGRAM

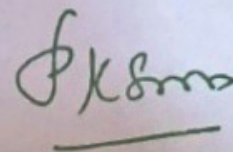
CARRIER OPPURTUNITIES IN CIVIL ENGINEERING
INFERENCE FROM FEEDBACK

The session was very creating awareness about Carrier Opportunities in Engineering. The students to know about the carrier opportunities and it will be useful for them to focus their Future. The program was highly interactive and it was a good platform to decide their carrier and move towards on that.



HOD/Civil,

(Dr.L.Ramajeyam



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
AEP STUDENT LIST
II YEAR CSE - IV SEMESTER

S NO	REG NO	NAME	GPA	SIGNATURE
1	311521104014	GAYATHRI R	9.52	R. Gayathri.
2	311521104005	AMRITHA P	9.26	Amritha P
3	311521104016	HARSHAVARDHAN G	9.22	H. G
4	311521104036	RAMYA SIVAKUMAR	9.22	Ramyasivakumar.
5	311521104027	MEGHANA G	9.09	Meghana. G (After Re-val - 9.26)
6	311521104058	SUBHASHINEE G K	9.09	Subhashinee
7	311521104053	SHREEMATHI D	8.96	Shreemathi D
8	311521104006	ANTO RANJITH C	8.96	c. Ranjith
9	311521104011	DHARSHAN S	8.91	S. Dharsan
10	311521104022	JAYA AISHWARYAA J	8.91	Jayaal
11	311521104035	PRIYASHREE H	8.91	Priyashree

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to HARSHAVARDHAN S in recognition
for securing 2nd Prize in GLITCHED held on 17th March
conducted by Department of Computer Science and Engineering at Chennai Institute
of Technology.



SIGNATURE OF HOD

Our DTP sponsor

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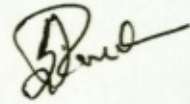
PROUDLY PRESENTED TO

Selvakumar P

For his/her participation in Glitched
of Hackerz'23 "#code_red" held at Chennai Institute of Technology, Kundrathur, Chennai.
We appreciate you, marking your presence in this grand event.

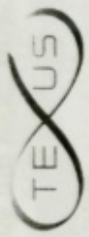
17th March, 2023

DATE



SIGNATURE





CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO MR./MRS.

Gayathri. R

from Meenakshi Sundarajan Engineering College has successfully participated in
Technical/~~Non-Technical~~ event Think Tank Talks of TEXUS'23 organized by

Department of Computer Science, SRM Institute of Science & Technology,
Ramapuram held on 21st & 22nd APRIL 2023

HOD SIGNATURE



DEAN SIGNATURE



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

H PRIYASHREE

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **63** %

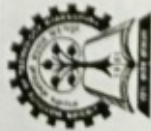
Online Assignments	21.03/25	Proctored Exam	42.19/75
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Total number of candidates certified in this course: **14770**

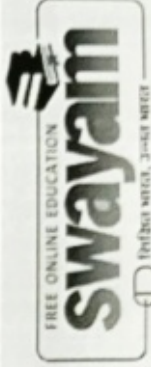
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Jan-Apr 2023

(12 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51513340763

To validate the certificate

No. of credits recommended: 3 or 4

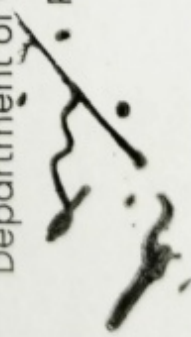
CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO MR./MRS.

Priyashree . H

from Meenakshi Sundarajee Engg. College has successfully participated in
Technical/~~Non-Technical~~ event Think Tank Talks of TEXUS'23 organized by

Department of Computer Science, SRM Institute of Science & Technology,
Ramapuram held on 21st & 22nd APRIL 2023



HOD SIGNATURE



DEAN SIGNATURE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
II YEAR - III SEMESTER (2021-2025)
AEP LIST

Sno	Reg No	Name	GPA	Signature
1	311521104014	GAYATHRI R	9.48	<i>R. Gayathri</i>
2	311521104027	MEGHANA G	9.04	<i>Meghana. G</i>
3	311521104034	PRITHVIRAJ T	9.04	<i>Prithviraj</i>
4	311521104035	PRIYASHREE H	9.04	<i>Priyashree</i>
5	311521104052	SELVAKUMAR P	9.04	<i>P. Selvakumar</i>
6	311521104028	MOHAMED RIZWAN ROSHAN R	9.00	<i>M. Rizwan</i>
7	311521104011	DHARSHAN S	8.88	<i>D. Harshan</i>
8	311521104029	NANDHINI J	8.88	<i>Nandhini</i>
9	311521104017	HEMASHREE D	8.80	<i>Hemashree D</i>
10	311521104016	HARSHAVARDHAN G	8.76	<i>H. G</i>
11	311521104055	SHRUTI KRISHNAVENI S	8.76	<i>Shruti</i>



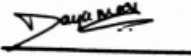
LOYOLA-ICAM
COLLEGE OF ENGINEERING AND TECHNOLOGY (LICET)
Loyola Campus, Nungambakkam, Chennai - 600034
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Association of Engineers Integrated for Computing Needs (EICON)

Certificate of Participation

This is to certify that Mr./Ms. SI. HARSHAVARDHAN of
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE has participated in
the event CODE GOLFING in Xplore'22, A National level
Technical Symposium held on 08th October 2022.


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COLLEGE OF ENGINEERING AND TECHNOLOGY (LICET)
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Association of Engineers Integrated for Computing Needs (EICON)

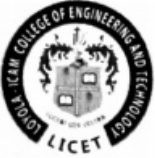
Certificate of Merit

This is to certify that Mr./Ms. MARSHAVARDAN G. of
MEENAKSHI SUNDARAJAN ENGINEERING COLLEGE has participated and
secured 3rd place in the event DEBUG in Xplore'22, A National
level Technical Symposium held on 08th October 2022.


COORDINATORS


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LOYOLA-ICAM
COLLEGE OF ENGINEERING AND TECHNOLOGY (LICET)
Loyola Campus, Nungambakkam, Chennai - 600034
APPROVED BY AICTE AND AFFILIATED TO ANNA UNIVERSITY
ALL UG PROGRAMS ARE ACCREDITED BY NBA




DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Association of Engineers Integrated for Computing Needs (EICON)

Certificate of Participation

This is to certify that Mr./Ms. G. HARSHAVARDHAN of
MEENAKSHI SUNDARARATAN ENGINEERING COLLEGE has participated in
the event PAIR PROGRAMMING in Xplore'22, A National level
Technical Symposium held on 08th October 2022.


COORDINATORS


CONVENOR


PRINCIPAL



EASWARI ENGINEERING COLLEGE (AUTONOMOUS)
BHARATHI SALAI, RAMAPURAM, CHENNAI



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
&
ASSOCIATION OF COMPUTER ENGINEERS

Certificate of Appreciation

This is to certify that Mr./Ms. HARSHVARDHAN of
year II of department CSE has actively
participated in the event CODE PLAY conducted
by **KRATOS 22** on 15th Oct 2022.

CONVENOR



POORVIKA

HOD/CSE

PRINCIPAL



To Whomsoever it may concern,

This is to certify that *G Harshavardhan* [311521104016] of *Meenakshi Sundararajan Engineering College* has participated in the events conducted by the Department of Information Technology as a part of Invente'22 – A Technical Symposium hosted by Sri Sivasubramaniya Nadar College of Engineering and Shiv Nadar University Chennai on December 1 and 2, 2022.



Faculty Coordinator



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
AEP SEMINAR ATTENDANCE

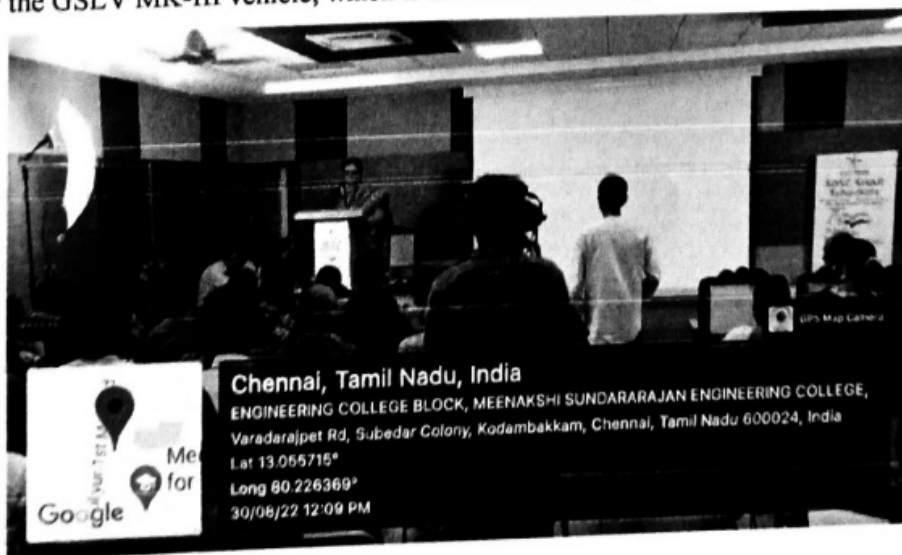
30/8/22 FN & AN

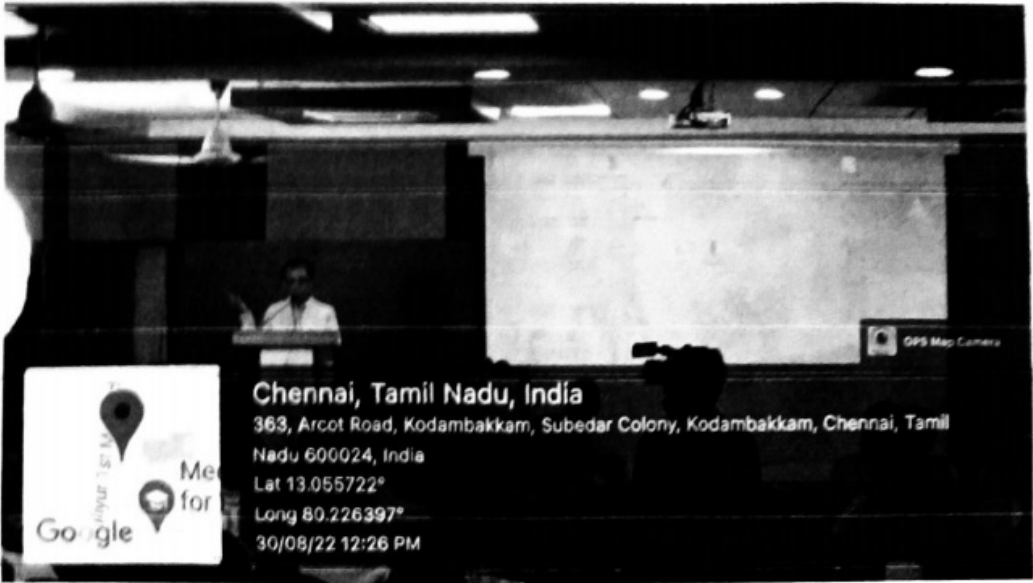
S No	Reg No	Name	Signature
1	311519104016	FARHANA SABREEN M	Farhana
2	311519104027	KARPAGAVALLI S	Karpagavalli S
3	311519104043	PAVITHRA M	P. Pavithra M
4	311519104006	AISHWARYA B	Aishwarya B
5	311519104008	AMRITHA S	A. Amritha S
6	311519104013	DHARSHINI K	D. Darshini K
7	311519104017	GAYATHRI S	G. Gayathri S
8	311519104024	JAYASHRI T	J. Jayashri T
9	311519104028	KEERTHI SELVAKUMAR	K. Keerthi Selvakumar
10	311519104029	KIRTHIKA V	K. Kirthika V
11	311519104056	SINDHU D	Sindhu D
12	311520104006	ANUDHINA D	A. Anudhina D
13	311520104010	AYSHWARYA K	A. Aishwarya K
14	311520104012	BAVATHARANI R	R. Bavatharani
15	311520104042	SHERIN MARY ALEX	S. Sherin Mary Alex
16	311520104051	SWETHA M	M. Swetha M
17	311520104038	RAMYA RAJENDRAN	R. Ramya Rajendran
18	311520104020	HEMAYA D	H. Hemaya D
19	311520104033	MUTHULAKSHMI R	R. Muthulakshmi
20	311520104037	RAKAVI P	P. Rakavi P
21	311520104023	JERRINTH RAJ G	G. Jerrinth Raj G
22	311521104034	PRITHVIRAJ T	T. Prithviraj T
23	311521104043	SAAI SMRITI S	S. Saa Smriti S
24	311521104014	GAYATHRI R	R. Gayathri R
25	311521104011	DHARSHAN S	S. Darshan S
26	311521104027	MEGHANA G	G. Meghana G
27	311521104052	SELVAKUMAR P	P. Selvakumar P
28	311521104035	PRIYASHREE H	H. Priyashree H
29	311521104029	NANDHINI J	J. Nandhini J
30	311521104028	MOHAMED RIZWAN ROSHAN R	R. Mohamed Rizwan Roshan R
31	311521104016	HARSHAVARDHAN G	G. Harshavardhan G
32	311521104044	SAI SAKTHI U	U. Sai Sakthi U
33	311521104054	SHRUTHI PRIYAA GK	G. Shruthi Priyaa GK

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
AEP SEMINAR REPORT
THE SPACEPORT OF INDIA

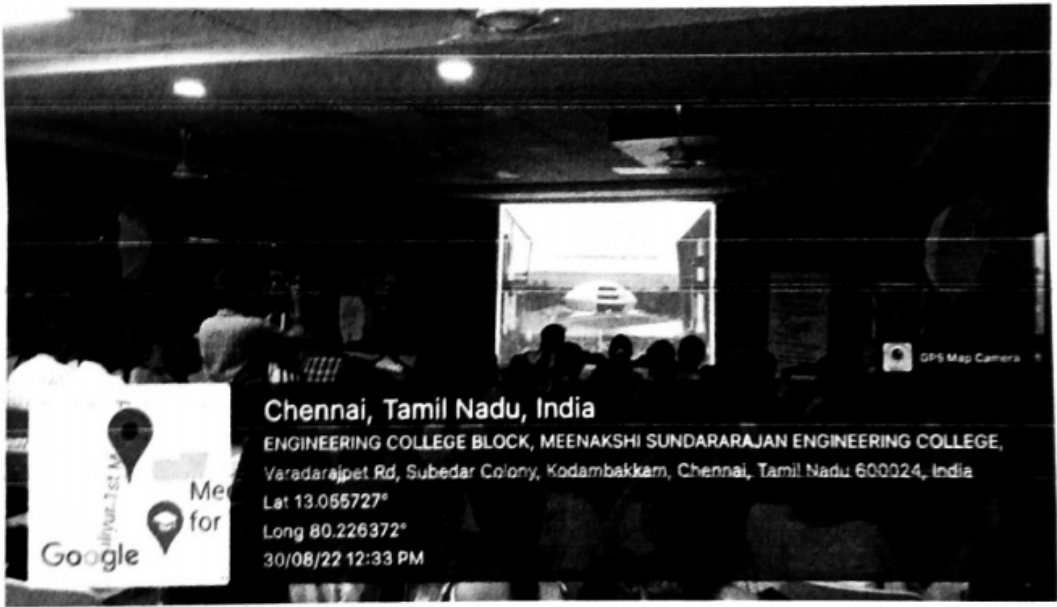
The activities that are done in Sathish Dawan Space Center SHAR were elaborated by Mr. Ashok Kumar. It was also noted that the second spaceport of India after the first Launchpad in Sriharikota will be placed in Kanyakumari, Tamilnadu. The ISRO is for the national development of space technology and planetary exploration. Its main mission is to design vehicles. The ISRO was initially named INCOSPAR by Dr. Vikram Sarabhai, which was formed in 1969 in Trivandrum, Kerala.

The Evolutions of the satellite launch vehicles from SLV to GSLV MK III were described. The functions of SLV (Satellite Launch Vehicle), ASLV (Augmented Satellite Launch Vehicle), PSLV (Polar Satellite Launch Vehicle), GSLV (Geosynchronous Satellite Launch Vehicle), and GSLV MK III was explained. The payloads of each launch vehicle, the orbitary positions they are placed in, their functionality, and the heights they travel were explained elaborately. The stages (parts) of the launch vehicle and their manufacturing were explained separately. The Propulsion is of two types air-breathing and non-air breathing. Air-breathing is used in our day-to-day life like cars, bikes, etc. The non-air breathing propulsion is used in the Rockets that travel in Space which is a vacuum and requires separate oxygen for fuel combustion. The GSLV which used cryogenic fuel made an easy way to carry high-weighted satellites in it. It was noted that the highest payload was carried by the GSLV MK-III vehicle, which is the world's 3rd largest.

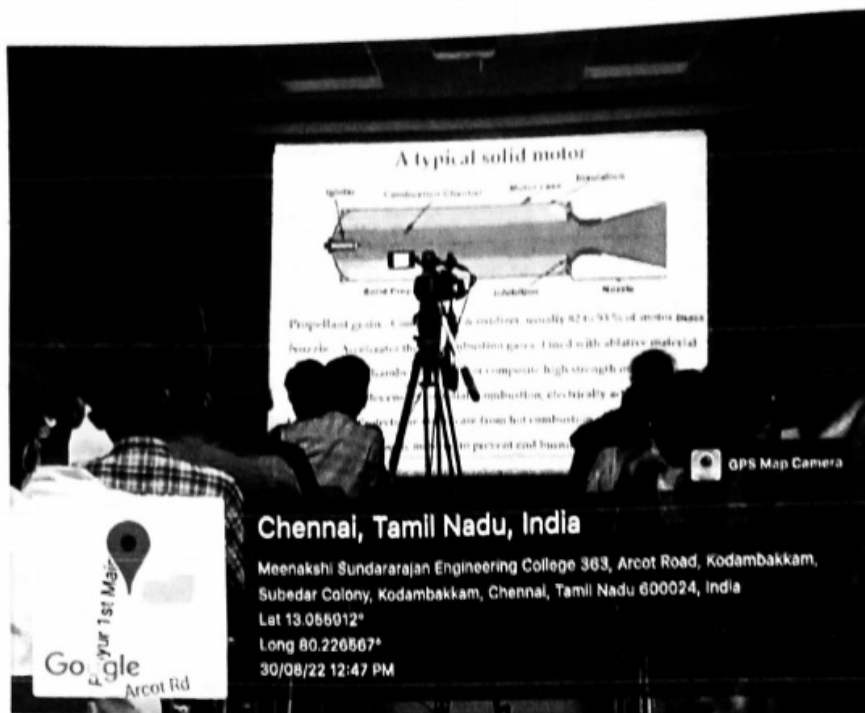




Chennai, Tamil Nadu, India
363, Arcot Road, Kodambakkam, Subedar Colony, Kodambakkam, Chennai, Tamil Nadu 600024, India
Lat 13.055722°
Long 80.226397°
30/08/22 12:26 PM



Chennai, Tamil Nadu, India
ENGINEERING COLLEGE BLOCK, MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE,
Varadarajpet Rd, Subedar Colony, Kodambakkam, Chennai, Tamil Nadu 600024, India
Lat 13.055727°
Long 80.226372°
30/08/22 12:33 PM



The structure of the engine used in rocket-solid motors was detailed with its internal chemical substance – the slurry mixture of Aluminium powder and ammonium perchloride, which is cast then. Each part of the motor was elaborated on with some video sources. The solid motor has undergone many tests like a static test, vibration test, and thermal test. The sound levels at ignition were reduced using water. The function of the solid motor was illustrated in the videos and was easily understood by the students. The overall lecture created a glimpse of the activities done in ISRO. This created an easy understanding of the creation of the launch vehicle, its stages, and its launch in SHAR. Students asked doubts about the session and the lecture session came to an end.

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AEP SEMINAR REPORT

MISSION GAGANYAAN

In this session, the activities done in mission Gaganyaan was explained by Mr. Ram Kumar. The gaganyaan mission carries a crew in it and the lecture was about the crew escape system. The launch vehicle testing comprises 2 important tests - proof pressure test and vibration test are undergone here. The 3 main functions of gaganyaan are to integrate, transfer and launch the vehicle. There raised a question - why is Sriharikota involved? SHAR produces all varieties of solid motors and its vast production of launch vehicle stages. The environment of SHAR suits best for all these kinds of massive production of parts for rockets. The different types of orbits where the satellites are placed were explained.

The main vision of this gaganyaan is to take humans to space. The GSLV is used for this gaganyaan mission. First, the staging of GSLV is done step by step. The cryogenic fuels are loaded into the vehicle which is filled with hydrogen and oxygen at temperatures -253°C and -193°C respectively. ECLSS specification is used for the temperature and pressure undergone. Even if the mission fails, the way how the aborted vehicle can be placed was also designed.





The crew of 3 people is placed on the top stage of the launch vehicle. Different tests are made here as it carries humans to space. The qualification test is made such that the human is eligible and fit to exist in vacuum condition. People are trained in no gravity conditions like underwater, artificial vacuum environment to persist the above earth environment. Pressure and temperature tests are also done. After the satellite launch, when the crew module has to reach earth, the module is brought using 3 parachutes which creates smooth pressure to bring down the crew module safely. The integrated airdrop test is taken place with one or more parachutes. Also, other tests like PAT (pad abort test), CARE module test, and project vehicle test are undergone. After his session, the students were allowed to ask doubts about the session. Doubts like why is the solid motor inverted while testing, the star-shaped casting of motor concrete, about recyclable launch vehicle, and the presence of the crew module at the top of the launch vehicle were asked. The lecturer gave us interesting answers which made the students think and learn more. Overall session was amazing and prizes were distributed to students.



**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	PRITHVIRAJ.T			Dept.	CSE
Title of the Event	SPACEPORT OF INDIA			Date	20/8/2022
Class	II YR.				
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?		✓			
4. How would you rate the program overall?		✓			
5. Please comment on how this seminar was helpful to you:	It was a very informative session and it gave a different outlook to aerospace technology				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant	<u>Prithvi</u>				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	PRITHVIRAJ.T			Dept.	CSE
Title of the Event	GAGANAN MISSION			Date	20/8/2022
Class	II YR.				
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?		✓			
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?		✓			
4. How would you rate the program overall?		✓			
5. Please comment on how this seminar was helpful to you:	It was very helpful and I came to know a lot of things regarding ISRO and its corresponding programs				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant	<u>Prithvi</u>				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	NANDHINI J	Dept.	CSE
Title of the Event	SPACE PORT OF INDIA		
Class	SECOND YEAR	Date	30-8-2022
Particulars	5	4	3
1. How valuable were the ideas, concepts, and program content?	✓		
2. How effective was the instructor's presentation of the material?	✓		
3. Whether the Seminar Contents were clear and concise?	✓		
4. How would you rate the program overall?	✓		
5. Please comment on how this seminar was helpful to you:	The seminar was so useful to improve our knowledge in space.		
6. What specific things might be done to improve this seminar in the future?	-		
7. Other comments	-		
Signature of the Participant	Nandhini		

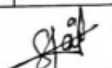
(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	NANDHINI J	Dept.	CSE
Title of the Event	GAGANYAN MISSION		
Class	SECOND YEAR	Date	30-8-2022
Particulars	5	4	3
1. How valuable were the ideas, concepts, and program content?	✓		
2. How effective was the instructor's presentation of the material?	✓		
3. Whether the Seminar Contents were clear and concise?	✓		
4. How would you rate the program overall?	✓		
5. Please comment on how this seminar was helpful to you:	got a detailed understanding of gagan-yan mission		
6. What specific things might be done to improve this seminar in the future?	-		
7. Other comments	-		
Signature of the Participant	Nandhini		


(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	SAI SAKTHI •U			Dept.	CSE
Title of the Event	SPACE PORT OF INDIA				
Class	SECOND YEAR.		Date	30.8.22	
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?	✓				
4. How would you rate the program overall?	✓				
5. Please comment on how this seminar was helpful to you:	It improved our general knowledge				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant				Dept.	CSE
Title of the Event	GIAGNYAN MISSION			30.8.22	
Class	SECOND YEAR.		Date	30.8.22	
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?	✓				
4. How would you rate the program overall?	✓				
5. Please comment on how this seminar was helpful to you:	It was very much interesting & improved our general knowledge				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	RAKAVI . P				Dept.	CSE
Title of the Event	SPACEPORT OF INDIA					
Class	III Yr			Date	30/8/22	
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	To know more things about space vehicles					
6. What specific things might be done to improve this seminar in the future?	-					
7. Other comments	-					
Signature of the Participant	Rakavi P					

(5-EXCELLENT AND 1-POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	RAKAVI . P				Dept.	CSE
Title of the Event	GAGANYAN MISSION					
Class	III Yr			Date	30/8/22	
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	Got to know about the wonderful mission in an easy way.					
6. What specific things might be done to improve this seminar in the future?	-					
7. Other comments	-					
Signature of the Participant	Rakavi P					

(5-EXCELLENT AND 1-POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	GAYATHRI. R			Dept.	CSE
Title of the Event	SPACEPORT OF INDIA				
Class	II-YEAR		Date	30/08/2022	
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?		✓			
4. How would you rate the program overall?	✓				
5. Please comment on how this seminar was helpful to you:	The program was very informative.				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant	R. Gayathri				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	GAYATHRI. R			Dept.	CSE
Title of the Event	GAGANYAAN MISSION				
Class	II-YEAR		Date	30/08/2022	
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?		✓			
3. Whether the Seminar Contents were clear and concise?	✓				
4. How would you rate the program overall?		✓			
5. Please comment on how this seminar was helpful to you:	It was very helpful to gain knowledge.				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant	R. Gayathri				

(5=EXCELLENT AND 1=POOR)

ANANTHAKRISHNAN SUNDARAPARAN ENGINEERING COLLEGE
 FEEDBACK FORM

Name of the participant: Aravindhan S Dept: CSE
 Title of the Event: Workshop of Java Date: 20/08/2022
 Class: IT 18

Particulars	Date			20/08/2022	
	5	4	3	2	1
1. How effective were the topics, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. How clear the seminar contents were clear and logical?		✓			
4. How much you like the program overall?		✓			
5. Please comment on how this seminar was helpful to you.	It was really an intellectual progression and very informative				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				

Signature of the Participant: [Signature]

(5=EXCELLENT AND 1=POOR)

ANANTHAKRISHNAN SUNDARAPARAN ENGINEERING COLLEGE
 FEEDBACK FORM

Name of the participant: Aravindhan S Dept: CSE
 Title of the Event: Workshop of Java Date: 20/08/2022
 Class: IT 18

Particulars	Date			20/08/2022	
	5	4	3	2	1
1. How effective were the topics, concepts, and program content?		✓			
2. How effective was the instructor's presentation of the material?	✓				
3. How clear the seminar contents were clear and logical?		✓			
4. How much you like the program overall?		✓			
5. Please comment on how this seminar was helpful to you.	It was very helpful and very informative to gain knowledge				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				

Signature of the Participant: [Signature]

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	G.O.K. SHRUTHI PRIYAA				Dept.	CSE
Title of the Event	SPACE PORT OF INDIA					
Class	I.YR			Date	20/08/22	
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	Get to know more about ISS and its working				
6.	What specific things might be done to improve this seminar in the future?	-				
7.	Other comments	-				
Signature of the Participant <i>Shruti</i>						

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	G.O.K. SHRUTHI PRIYAA				Dept.	CSE
Title of the Event	BAGAYAN MISSION					
Class	I.YR			Date	20/8/22	
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	Get an idea and overview of Bagayan mission				
6.	What specific things might be done to improve this seminar in the future?	-				
7.	Other comments	-				
Signature of the Participant <i>Shruti</i>						

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	G1. MEGHANA				Dept.	CSE
Title of the Event	SPACEPORT OF INDIA					
Class	SECOND YEAR			Date	30/8/2022	
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	The session was very knowable and informative				
6.	What specific things might be done to improve this seminar in the future?	-				
7.	Other comments	-				
Signature of the Participant		G1. Meghana				

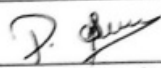
(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	G1. MEGHANA				Dept.	CSE
Title of the Event	GAGANYAN MISSION					
Class	SECOND YEAR			Date	30/8/2022	
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	Got to know about the upcoming mission				
6.	What specific things might be done to improve this seminar in the future?	-				
7.	Other comments	Eager for success of the mission				
Signature of the Participant		G1. Meghana.				

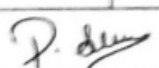
(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	Selva Kumar . P	Dept.	CSE		
Title of the Event	Spokenword of India				
Class	II year	Date	3/12/22		
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?		✓			
4. How would you rate the program overall?		✓			
5. Please comment on how this seminar was helpful to you:	It inspired me a lot and really inspired me				
6. What specific things might be done to improve this seminar in the future?	conducting visit to places organizing games related to that might be good				
7. Other comments	-				
Signature of the Participant					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	Selva Kumar . P	Dept.	CSE		
Title of the Event	Magangudi Mission				
Class	II YEAR	Date	3/12/22		
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?		✓			
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?		✓			
4. How would you rate the program overall?	✓				
5. Please comment on how this seminar was helpful to you:	It is really very interesting and we are from different schools would be taking to other schools and know all the participants are				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	H. PRIYASHREE		Dept.	CSE		
Title of the Event	SPACEPORT OF INDIA					
Class	II YEAR		Date	30/8/2022		
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	Gret to know about space vehicles					
6. What specific things might be done to improve this seminar in the future?	-					
7. Other comments	-					
Signature of the Participant	Priyashree					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	H. PRIYASHREE		Dept.	CSE		
Title of the Event	GAGANYAN MISSION					
Class			Date			
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	Mission creation abilities are explained.					
6. What specific things might be done to improve this seminar in the future?	-					
7. Other comments	-					
Signature of the Participant	Priyashree					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	SAAI SMRITIS				Dept.	CSE
Title of the Event	SPACEPORT OF INDIA					
Class	II Year			Date	30/8/22	
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	It was interesting to learn more about the field					
6. What specific things might be done to improve this seminar in the future?	-					
7. Other comments	-					
Signature of the Participant	<i>S. Smriti</i>					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	SAAI SMRITIS				Dept.	CSE
Title of the Event	GAGANYAN MISSION					
Class	II Year			Date	30/8/22	
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	It was fascinating to learn about the upcoming mission					
6. What specific things might be done to improve this seminar in the future?	-					
7. Other comments	-					
Signature of the Participant	<i>S. Smriti</i>					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	JERRINTH RAJ G1	Dept.	CSE
Title of the Event	SPACEPORT OF INDIA		
Class		Date	30/8/22
Particulars	5	4	3
1. How valuable were the ideas, concepts, and program content?	✓		
2. How effective was the instructor's presentation of the material?	✓		
3. Whether the Seminar Contents were clear and concise?	✓		
4. How would you rate the program overall?	✓		
5. Please comment on how this seminar was helpful to you:	To know more things about space vehicles		
6. What specific things might be done to improve this seminar in the future?	-		
7. Other comments	-		
Signature of the Participant	Jerrinth		

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	JERRINTH RAJ G1	Dept.	CSE
Title of the Event	CHANDRYAN MISSION		
Class	III ^{yr}	Date	30/8/22
Particulars	5	4	3
1. How valuable were the ideas, concepts, and program content?	✓		
2. How effective was the instructor's presentation of the material?	✓		
3. Whether the Seminar Contents were clear and concise?	✓		
4. How would you rate the program overall?	✓		
5. Please comment on how this seminar was helpful to you:	To know about the wonderful mission in an easy way		
6. What specific things might be done to improve this seminar in the future?	-		
7. Other comments	-		
Signature of the Participant	Jerrinth		

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	ANUJITHA D	Dept.	CSE				
Title of the Event	SPACEPORT OF INDIA	Date	22/8/22				
Class	III CSE						
	Particulars	5	4	3	2	1	
1.	How valuable were the ideas, concepts, and program content?	✓					
2.	How effective was the instructor's presentation of the material?	✓					
3.	Whether the Seminar Contents were clear and concise?		✓				
4.	How would you rate the program overall?	✓					
5.	Please comment on how this seminar was helpful to you:	The session was very enlightening.					
6.	What specific things might be done to improve this seminar in the future?	Nil					
7.	Other comments	Nil					
Signature of the Participant		Anuditha D					

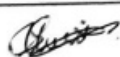
(5-EXCELLENT AND 1-POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	ANUJITHA D	Dept.	CSE				
Title of the Event	CRACKDOWN MISSION OVERVIEW	Date	30/8/22				
Class	III CSE						
	Particulars	5	4	3	2	1	
1.	How valuable were the ideas, concepts, and program content?	✓					
2.	How effective was the instructor's presentation of the material?	✓					
3.	Whether the Seminar Contents were clear and concise?	✓					
4.	How would you rate the program overall?	✓					
5.	Please comment on how this seminar was helpful to you:	The Information gained was Really useful					
6.	What specific things might be done to improve this seminar in the future?	Nil					
7.	Other comments	Nil.					
Signature of the Participant		Anuditha D					

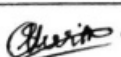
(5-EXCELLENT AND 1-POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	SHERIN MARY ALEX	Dept.	CSE
Title of the Event	SPACEPORT OF INDIA		
Class	II CSE	Date	21/08/2022
Particulars	5	4	3
1. How valuable were the ideas, concepts, and program content?	✓		
2. How effective was the instructor's presentation of the material?	✓		
3. Whether the Seminar Contents were clear and concise?		✓	
4. How would you rate the program overall?	✓		
5. Please comment on how this seminar was helpful to you:	The session was very informative and interesting		
6. What specific things might be done to improve this seminar in the future?	-		
7. Other comments	-		
Signature of the Participant			

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	SHERIN MARY ALEX	Dept.	CSE
Title of the Event	BAGANYAN MISSION OVERVIEW		
Class	II CSE	Date	30/08/2022
Particulars	5	4	3
1. How valuable were the ideas, concepts, and program content?	✓		
2. How effective was the instructor's presentation of the material?	✓		
3. Whether the Seminar Contents were clear and concise?	✓		
4. How would you rate the program overall?	✓		
5. Please comment on how this seminar was helpful to you:	It was really interesting to know about Baganyan and helped me know more about LIRD functioning		
6. What specific things might be done to improve this seminar in the future?	-		
7. Other comments	-		
Signature of the Participant			

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	RAMYA RAJENDRAN	Dept.	CSE		
Title of the Event	SPACEPORT OF INDIA				
Class	III - CSE	Date	30/8/2022		
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?	✓				
4. How would you rate the program overall?	✓				
5. Please comment on how this seminar was helpful to you:	It was very informative and an interesting session.				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant	RAMYA				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	RAMYA RAJENDRAN	Dept.	CSE		
Title of the Event	GADANYAAN MISSION OVERVIEW				
Class	III - CSE	Date	30/8/2022		
Particulars	5	4	3	2	1
1. How valuable were the ideas, concepts, and program content?	✓				
2. How effective was the instructor's presentation of the material?	✓				
3. Whether the Seminar Contents were clear and concise?		✓			
4. How would you rate the program overall?	✓				
5. Please comment on how this seminar was helpful to you:	It gave us an outlook into the Gaganyaan space mission.				
6. What specific things might be done to improve this seminar in the future?	-				
7. Other comments	-				
Signature of the Participant	RAMYA				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	Hemaja D				Dept.	CSE	
Title of the Event	SPACEPORT OF INDIA						
Class	II - YII		Date	30/8/2022			
Particulars	5	4	3	2	1		
1. How valuable were the ideas, concepts, and program content?	✓						
2. How effective was the instructor's presentation of the material?	✓						
3. Whether the Seminar Contents were clear and concise?	✓						
4. How would you rate the program overall?	✓						
5. Please comment on how this seminar was helpful to you:	Very good seminar						
6. What specific things might be done to improve this seminar in the future?	NIL						
7. Other comments	NIL						
Signature of the Participant	Hemaja D.						

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	Hemaja D				Dept.	CSE	
Title of the Event	Gaganyaan mission overview						
Class	II - YII		Date	30/8/22			
Particulars	5	4	3	2	1		
1. How valuable were the ideas, concepts, and program content?	✓						
2. How effective was the instructor's presentation of the material?	✓						
3. Whether the Seminar Contents were clear and concise?	✓						
4. How would you rate the program overall?	✓						
5. Please comment on how this seminar was helpful to you:	Good Seminar						
6. What specific things might be done to improve this seminar in the future?	NIL						
7. Other comments	NIL						
Signature of the Participant	Hemaja D.						

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	Ayshwarya K		Dept.	CSE		
Title of the Event	SPACE PORT OF INDIA					
Class	III yr		Date	30/8/22		
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	It is really informative and it helps to understand about Rockets				
6.	What specific things might be done to improve this seminar in the future?	It helps to improve knowledge and could be conducted in future				
7.	Other comments	Lecture was good				
Signature of the Participant		K. Anshu				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	AYSHWARYA K		Dept.	CSE		
Title of the Event	Gaganyaan Mission Overview					
Class	III yr		Date	30/8/22		
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	It helps to get different pieces of machines				
6.	What specific things might be done to improve this seminar in the future?	It could be conducted so that knowledge is gainable				
7.	Other comments	It was good				
Signature of the Participant		K. Anshu				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	P. VATHANARAJAN		Dept.	CSE		
Title of the Event	SPACE FOR THE FUTURE					
Class	III YEAR		Date	30/12/2022		
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	Wonderful seminar					
6. What specific things might be done to improve this seminar in the future?	NIL					
7. Other comments	NIL					
Signature of the Participant	P. VATHANARAJAN					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	P. VATHANARAJAN		Dept.	CSE		
Title of the Event	CASAANIAN MISSION OVERVIEW					
Class	III YEAR		Date	30/12/2022		
Particulars	5	4	3	2	1	
1. How valuable were the ideas, concepts, and program content?	✓					
2. How effective was the instructor's presentation of the material?	✓					
3. Whether the Seminar Contents were clear and concise?	✓					
4. How would you rate the program overall?	✓					
5. Please comment on how this seminar was helpful to you:	Informative Seminar					
6. What specific things might be done to improve this seminar in the future?	NIL					
7. Other comments	NIL					
Signature of the Participant	P. VATHANARAJAN					

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	M. SWETHA	Dept.	CSE			
Title of the Event	SPACEPORT OF INDIA					
Class	III YEAR	Date	30/8/22			
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	Informative Seminar				
6.	What specific things might be done to improve this seminar in the future?	NIL				
7.	Other comments	NIL				
Signature of the Participant		Swetha.M.				

(5=EXCELLENT AND 1=POOR)

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FEEDBACK FORM**

Name of the participant	M. SWETHA	Dept.	CSE			
Title of the Event	GAGANYAN MISSION OVERVIEW					
Class	III YEAR	Date	30/8/22			
	Particulars	5	4	3	2	1
1.	How valuable were the ideas, concepts, and program content?	✓				
2.	How effective was the instructor's presentation of the material?	✓				
3.	Whether the Seminar Contents were clear and concise?	✓				
4.	How would you rate the program overall?	✓				
5.	Please comment on how this seminar was helpful to you:	Interesting Seminar				
6.	What specific things might be done to improve this seminar in the future?	NIL				
7.	Other comments	NIL				
Signature of the Participant		Swetha.M.				

(5=EXCELLENT AND 1=POOR)

MEENAKSHI SUNDARARAJAN ENGG COLLEGE

DEPARTMENT OF COUMPUTER SCIENCE

AEP REPORT

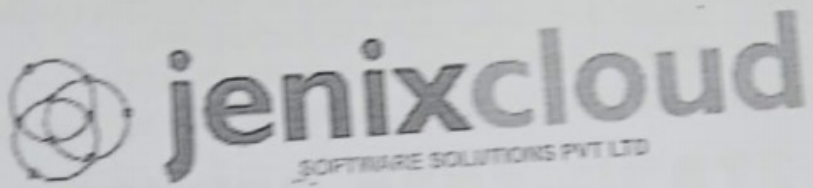
Class: III-year CSE

Batch:2020-2024

Academic Year: 2022-2023

AEP List:

<u>S.No</u>	Reg No	Name	GPA
1	311520104006	Anudhina D	9.24
2	311520104017	R.Gayathri	9.20
3	311520104012	Bavatharini R	9.16
4	311520104011	Bavadharani M	8.88
5	311520104038	Ramya Rajendran	8.52
6	311520104045	Srimathi T	8.52
7	311520104003	Aishwarya.G	8.48
8	311520104020	Hemaya.D	8.48
9	311520104051	Swetha P	8.44
10	311520104029	Mahesh kumar G	8.40
11	311520104041	Sharmila K	8.40
12	311520104016	Flavian Diol D	8.36



CERTIFICATE


OF EXCELLENCE
THIS IS TO CERTIFY THAT

D HEMAYA

Has Successfully Completed

INTERNSHIP PROGRAM IN JENIXCLOUD SOFTWARE SOLUTIONS PVT LTD

From 01.02.2023 to 08.02.2023

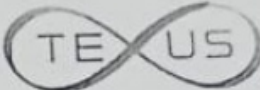

Authorized Signatory

Date :31.03.23

No:56, Thomas Nagar, Little Mount, Saldapet, Chennai - 600025, Phone: 9864077620
Email : techsupport@jocitech.com



SRM INSTITUTE OF SCIENCE & TECHNOLOGY
RAMAPURAM CAMPUS, CHENNAI - 600089
FACULTY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



WINNER CERTIFICATE

This is to certify that, Hemaya. D
Meenakshi Sundararajan Engg. ^{college} has successfully taken part in

TEXUS 2023 Technical / Non Technical Event
Think Tank Talks (paper presentation) and secured ~~First~~ Second prize
for the event conducted on 21st & 22nd April 2023 as part of TEXUS
2023 organized by SRMIST, Ramapuram, Chennai.

Co - Convener

Convener

DEAN (E&T)



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Research | Development | Training

22 February, 2023

Ref: BTOIPS21/FEB2023/1105

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Sharmila K** of **Computer Science Engineering** Department from **Meenakshi Sundararajan Engineering College** has attended and successfully completed **15 days Machine Learning Internship** from 08 February 2023 to 22 February 2023 via Online Medium through our Platform.

We wish her all the best in future endeavors.



S. Karan
Head Technical Services
Barola Technologies

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accenture

Forage

Inspiring and
empowering
future professionals

Sharmila K

Developer Virtual Experience Program

Certificate of Completion

February 3rd, 2023

Over the period of February 2023, Sharmila K has completed practical tasks in:

- Define technical requirements
- Design changes to an existing architecture
- Scale on-premise system infrastructure to the cloud
- Reading and understanding code
- Attention to detail

- Debugging algorithms
- Unit testing
- User Acceptance Testing - UAT
- Security maturity assessment
- IAM policies and permissions

Experiencing the software development lifecycle (SDLC)



Johnny Rosenby
Nordic Recruitment Director



Tom Bruns
CEO, Co-Founder

Ref: BTOIPS21/FEB2023/1105

22 February, 2023

TO WHOMSOEVER IT MAY CONCERN

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We wish her all the best in future endeavors.



S. Karan
Head Technical Services
Barola Technologies

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Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AISHWARYA G
for successfully completing the course

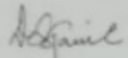
Ethical Hacking

with a consolidated score of **64** %

Online Assignments	18.03/25	Proctored Exam	46/75
--------------------	----------	----------------	-------

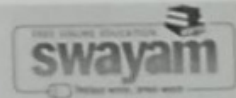
Total number of candidates certified in this course: 2228

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS44S23341325

To validate the certificate



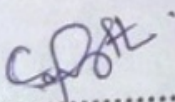
No. of credits recommended: 3 or 4

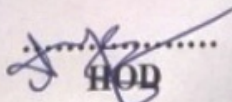


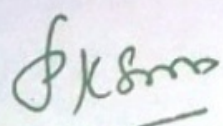
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY

ACHIEVE EXCELLENCE PROGRAMME
REPORT ON IOT WORKSHOP

Topic of the WORKSHOP : INTERNET OF THINGS(IOT)
Date & time : 05-APR-2022 & 06-APR-2023
Resource Person : 1.Janakiraman S, Oppila Microsystems Pvt Ltd,
Bangalore.
2. Ranjitha G Hiremath, Oppila Microsystems Pvt
Ltd, Bangalore.
Audience : Ilyear B.Tech(IT) and
II year B.Tech(AI & DS) Students
Venue : IT seminar Hall


.....
Event Coordinator


.....
HOD


.....
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CHENNAI - 600 724



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363, Arcot road, Kodambakkam, Chennai - 600 074.

Department of Electronics and Communication Engineering
In association with
Institution Innovation Council & Entrepreneurship Development Cell

Cordially invite you all to



WORKSHOP



APRIL 5TH & 6TH, 2023



8:30 AM TO 4:30 PM

Speakers



JANAKIRAMAN S

Managing Director,
Appala Microsystems Pvt Ltd, Bangalore



RAJESH KALYANARAMAN

Director R&D,
Appala Microsystems Pvt Ltd, Bangalore



RANJITHA G HIREMATH

Software Architect,
Appala Microsystems Pvt Ltd, Bangalore

Co-ordinators:

1. S. Balasubramanian - Assoc. Professor/ECE

2. R. Vinath Kumar - Asst. Professor/ECE

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REPORT-IOT WORKSHOP

We, the students of AI&DS department accrued a great opportunity to attend the achieve excellence program - IoT workshop initiated by the resource persons from the renowned organization of Oppila on 5th and 6th April 2023. The workshop extended for two days through which we learned a various things pertaining to IoT and its design process. We were fortunate to have a glimpse of hands on experience in this field. Here are the various things in detail which we learned during our course of this workshop.

Day 1 –

- ❖ Introduction to IoT
- ❖ Virtual OS Installation
- ❖ Practicing Basic Unix Commands
- ❖ IoT Device Communications

Day 2 –

- ❖ Communication network framework and technologies for IoT devices.
- ❖ Accessing GPS coordinates information from IoT devices through bash scripts.
- ❖ Accessing temperature sensor information from IoT devices through bash scripts.
- ❖ IoT Design process
- ❖ Aptitude test based on our thinking.

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DAY 1

What is IoT?

The Internet of Things (IoT) describes the network of physical objects that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet.

Why is Internet of Things (IoT) so important?

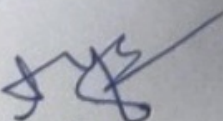
Over the past few years, IoT has become one of the most important technologies of the 21st century. Now that we can connect everyday objects—kitchen appliances, cars, thermostats, baby monitors—to the internet via embedded devices, seamless communication is possible between people, processes, and things.

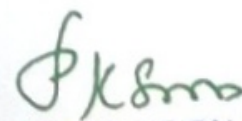
What technologies have made IoT possible?

- Access to low-cost, low-power sensor technology.
- Connectivity
- Cloud computing platforms
- Machine learning and analytics
- Conversational artificial intelligence (AI)

What makes an IoT device?

- Scalability
- Connectivity
- Analyzing
- Integrating
- Low power consumption


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PROCEDURES FOR DOWNLOAD VIRTUALBOX:

1. Type VirtualBox in browser
2. Select first link (www.virtualbox.org)
3. Select windows hosts in that window
4. After that, VirtualBox download is automatically started.
5. Install and Setup VirtualBox.

UBUNTU INSTALLATION IN VIRTUALBOX:

1. Type Ubuntu in browser window and search
2. Select first link (<https://ubuntu.com>)
3. Select Download and Select 22.04 LTS in Ubuntu Desktop → Ubuntu downloading started
4. After download, file name saved in downloads
5. Open VirtualBox
6. Select New then edit Name, Type, Version as per the picture given below. Select next.
7. Select next and select Create a Virtual Hard Disk Now.
8. Select Finish
9. Ubuntu profile successfully created in VirtualBox.
10. Select settings in VirtualBox and Select storage in settings.
11. Select Empty option in controller: IDE and Select disk symbol shown in the picture.
12. Select Choose a disk file and Select download file of Ubuntu-22.04.1-desktop-amd64.iso.
13. Click ok and Select start to Install Ubuntu in VirtualBox.
14. Select Try and Install Ubuntu. Select Install Ubuntu in next window.
15. Select English (US) and Select Continue.
16. Check the box of Install third-party software and Select continue
17. Click Install Now
18. Select Kolkata and Select Continue.
19. Give username and password. Select Continue and Ubuntu Installation is finished.

LINUX COMMANDS:

1. Create Directory.
→ `mkdir<space><name of the directory>`
Example: `mkdir contiki`
2. Change from one directory to another directory.
→ `cd<space><name of the directory>`
Example: `cd contiki`
3. Copy directory from one directory to another directory.
→ `cp<space><-f><space><directory name><space><destination path>`
4. Create Text file.
→ `vi<space><file name>`
5. Copy file from one directory to another directory.
→ `cp<space><file name><space><destination path>`
6. Clone from a github link.
→ `git<space>clone<space><github link>`
7. **Editor Commands:**
 - Open a text file
→ `vi<space><file name>`
 - change to Insert mode (or) Editing mode
→ Press `i`
 - After editing, Exit from the insert mode press `Esc`

- Exit from the editor and save
→ give shift+z+z
- 8. Move a file from one directory to another directory.
→ mv<space><directory name><space><destination path>
- 9. Extract a Tar file.
→ tar<space><-xvf><tar file name>
- 10. For install packages:
→ sudo apt-get install <name of the package>
- 11. To give port permission.
→ sudo chmod 777 /dev/ttyUSB0
- 12. Program flashing and login
→ make TARGET=owinos PORT=/dev/ttyUSB0 <Program name>.upload login
- 13. To know IP address of system
→ ifconfig
- 14. Open a Terminal
→ CTRL + ALT + t
- 15. List the files in current directory
→ ls
- 16. One step back from current directory to previous directory
→ cd

INSTALLATION OF CONTIKI IN UBUNTU

1. Open terminal and Type sudo apt-get install git
2. Clone contiki → Type git clone <https://github.com/Oppila-Microsystems/contiki>
3. Create a directory as toolchain in home directory → mkdir toolchain
4. Change the directory to toolchain → cd toolchain. In toolchain, clone msp430-gcc-4.7.3 → git clone <https://github.com/pksec/msp430-gcc-4.7.3>
5. In toolchain, change the directory from toolchain to msp430-gcc-4.7.3 → cd msp430-gcc-4.7.3 and In msp430-gcc-4.7.3 directory, Type tar -xvf mspgcc-4.7.3.tar.bz2 and enter.
6. Type the below link in browser.
<https://developer.arm.com/tools-and-software/open-source-software/developer-tools/gnu-toolchain/gnu-rm/downloads/product-release>
7. Select gcc-arm-none-eabi-10-2020-q4-major-x86_64-linux.tar.bz2 and it started downloading.
8. Copy the tar file of gcc-arm-none-eabi-10-2020-q4-major-x86_64-linux.tar.bz2 from downloads into the path of toolchain. In Downloads directory → cp gcc-arm-none-eabi-10-2020-q4-major-x86_64-linux.tar.bz2 ../Toolchain/
9. Extract the tar file → tar -xvf gcc-arm-none-eabi-10-2020-q4-major-x86_64-linux.tar.bz2 in toolchain directory.
10. Go to home directory → Type cd and enter in current directory.
11. Install this editor by → sudo apt install vim
12. In home directory, Type vi<space>.bashrc. In last line add 4 paths for compiler(see below picture) and cooja by using editor commands(see linux commands). After finishing the edit change directory to home directory by a command cd.
13. Change the directory from home directory to contiki directory → cd contiki and Install the following packages.
14. Type: sudo apt install net-tools
15. Type: sudo apt-get install build-essentials
16. Type: sudo apt-get install python-is-python3
17. Type: sudo apt update

18. Type: `sudo apt upgrade`
19. Type: `sudo apt-get install libncurses-dev`
20. Type: `sudo apt-get install python3-serial`
21. Type: `sudo apt-get install mosquito-clients`
22. Type: `sudo apt install mosquito`

FOR COOJA SETUP:

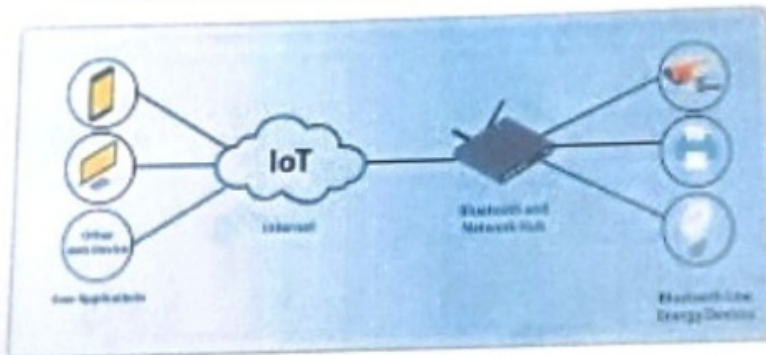
1. Type: `sudo apt update`
2. Type: `sudo apt-get install ant`
3. Type: `sudo apt-get install openjdk-8-jdk`

IoT Device Communications

IoT devices use embedded sensors to collect, exchange, and share data with other devices, applications, and systems, in real-time. Internet of Things is a collaboration of custom-designed technologies to interconnect internet-enabled physical devices and enable communication with each other through a wireless network.



Bluetooth Role in The Future of IoT



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DAY 2

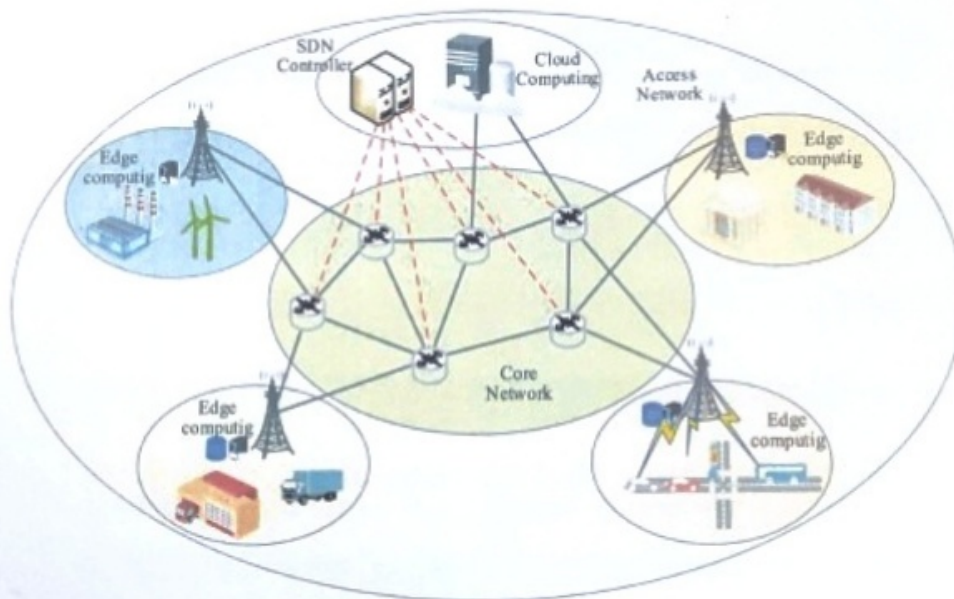
Communication network framework and technologies for IoT devices

✓ Types of communication model in IoT

1. Request & Response Model
2. Publisher-Subscriber Model
3. Push-Pull Model
4. Exclusive pair

✓ Communication technologies

Bluetooth, Wifi, Radio Protocols, LTE-A, and WiFi-Direct.



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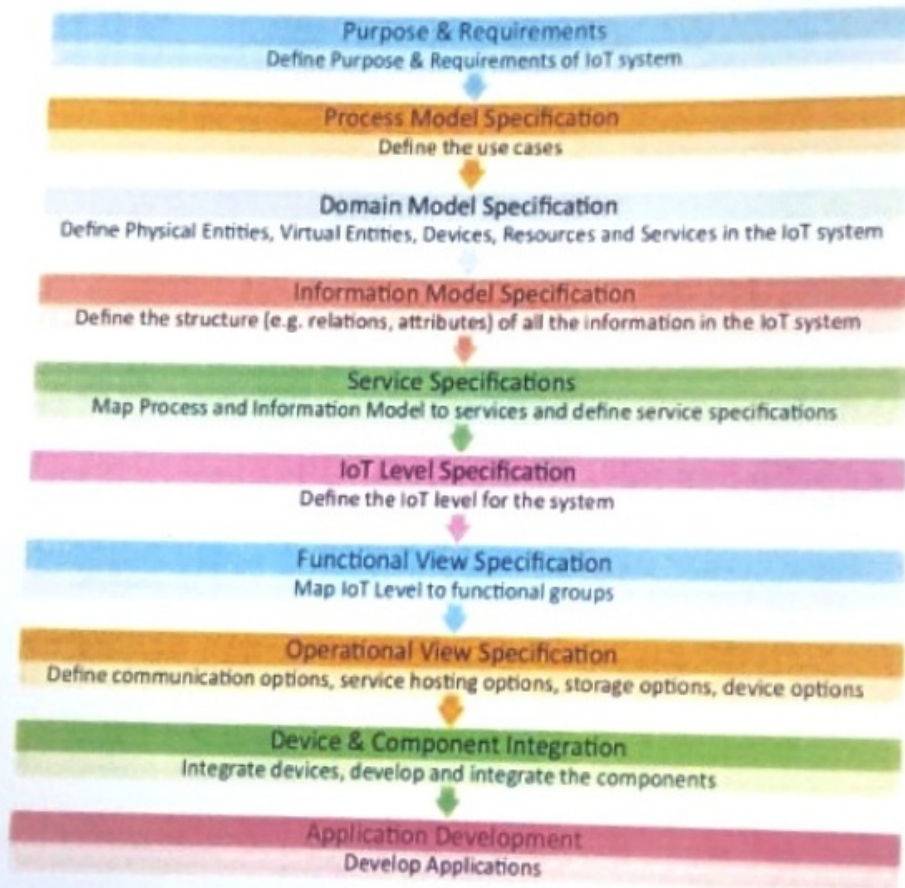
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✓ IoT Design Methodology

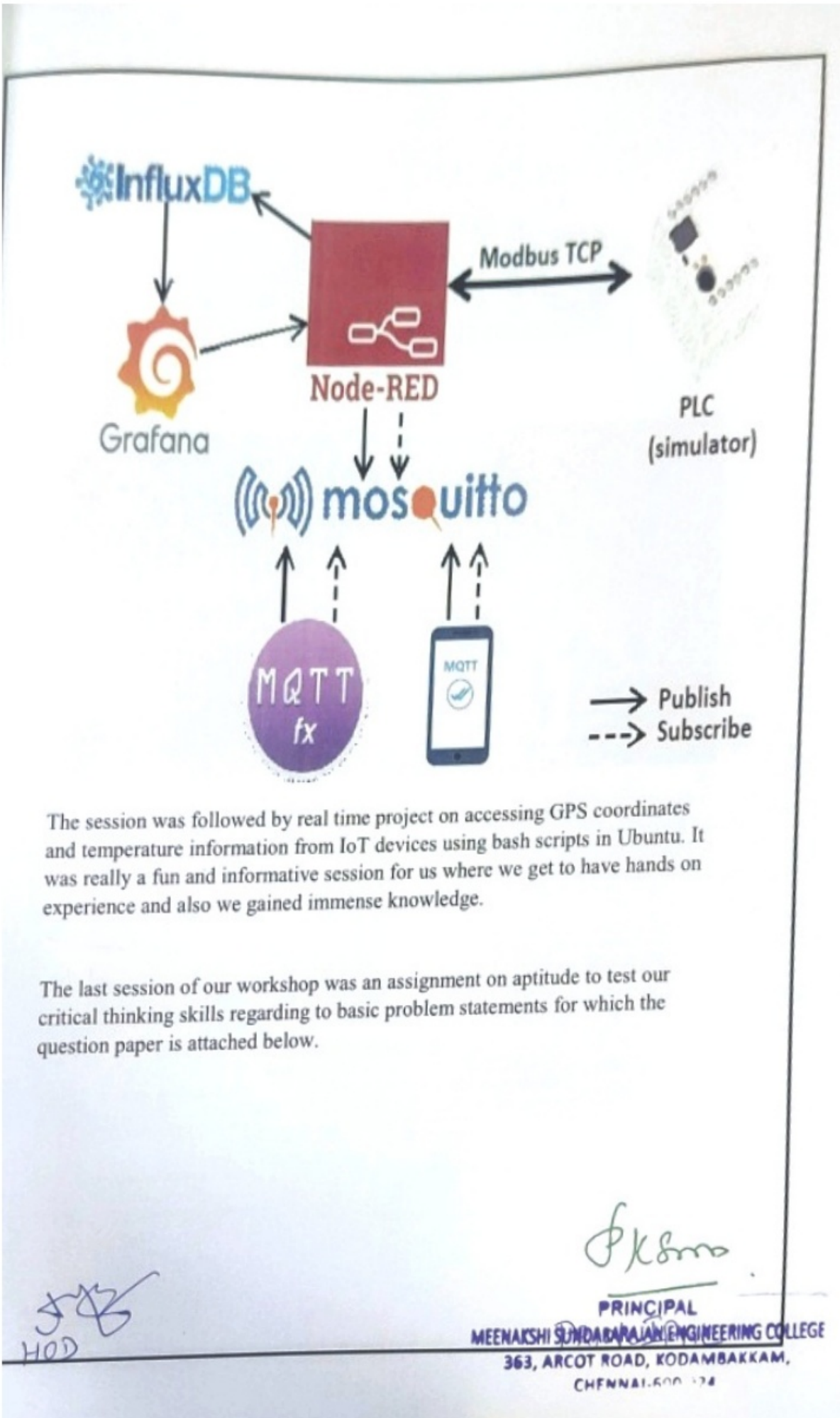
- Purpose & Requirements Specification
- Process Specification
- Domain Model Specification
- Information Model Specification
- Service Specifications
- IoT Level Specification
- Functional View Specification
- Operational View Specification
- Device & Component Integration
- Application Development



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The session was followed by real time project on accessing GPS coordinates and temperature information from IoT devices using bash scripts in Ubuntu. It was really a fun and informative session for us where we get to have hands on experience and also we gained immense knowledge.

The last session of our workshop was an assignment on aptitude to test our critical thinking skills regarding to basic problem statements for which the question paper is attached below.

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OPPILA COMPANY



oppila

DESIGN SMART
IoT DEVICES



WELCOME TO OPPILA

Oppila is a leading design and services company that provides end-to-end solutions in the field of Hardware Design, IoT, Embedded Systems. Our customers achieve their business objectives at competitive cost, better quality, and shorter time to market by leveraging our values.

We are specialized in embedded needs and we create value for our customers through our innovative solutions. Our services start from high-level design, hardware design, firmware & software development, Prototype Development, Application Development, Product Testing. Oppila creates world-class products and solutions by providing advanced technologies like IoT, AI, ML, etc.

OUR SERVICES



HARDWARE DESIGN SERVICES

Our team has experience in various products and hardware contracts. faster, reliable, efficient, and cost-effective.



FPGA (dpASP) DESIGN SERVICES

Our FPGA and Signal Processing Design services include designing, building and deploying customized solutions.



EMBEDDED DESIGN SERVICES

Oppila offers high-quality solutions in the embedded software space with expertise in RTOS, Bare loader, Device drivers & API development, RTOS, etc.



INTERNET OF THINGS SERVICES

Oppila offers end-to-end IoT services like design and integration with sensors, system level tests, and its software development.

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OUR VALUES

- ✓ Integrity
- ✓ Progress through customer delight
- ✓ Passion for excellence
- ✓ Innovation
- ✓ Learning continuously
- ✓ Achieving together



MISSION

Bringing technology, complexity, innovating value for customers.

VISION

To become the most preferred partner of technology industry.

OUR PRODUCTS

IMAGING PRODUCTS

- ✓ Functional Camera Block
- ✓ Camera Controller
- ✓ Camera Interface Boards

FPGA/dpASP PRODUCTS

- ✓ ANZRED dpASP
- ✓ dpASP Developer kit Kit

UAV PRODUCTS

- ✓ Autopilot Module
- ✓ Multi Stage Charger
- ✓ Power Distribution Module
- ✓ Remote Video Terminal

IoT PRODUCTS

- ✓ O-BOARD
- ✓ O-SOFT
- ✓ O-ROUTER

OUR PARTNERS



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ABOUT US

Oppila is a technology design and services company that provides end-to-end services in the field of Hardware Design, IoT, Embedded software.

Our customers achieve their business objectives of competitive cost, better quality, and shorter time to market by leveraging our values.

CONTACT US

No.13, 1st/2nd Floor, Silicon City layout,
Dubbahangur Cross, Hebbal 2nd Road,
Electronic City Phase - I,
Bangalore - 560093,
Karnataka, India
P: +91 90080 33425, +91 99460 9094
E: info@oppila.in, sales@oppila.in



WEBSITE:- <https://oppila.in/>


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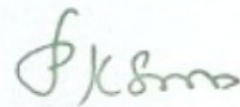
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CONCLUSION

Overall the workshop was really fun loving and knowledgeable. We deem it to be our pleasure to be a part of this workshop and we hope that the knowledge we gained through this workshop would be of help in the future. We are very much awaited to attend the next session of yours. We sincerely thank the Oppila and team for taking efforts to organize the workshop.


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12:04 PM

WhatsApp Image 2023-04-05 at 09:43:59 (png)



GPS Map Camera

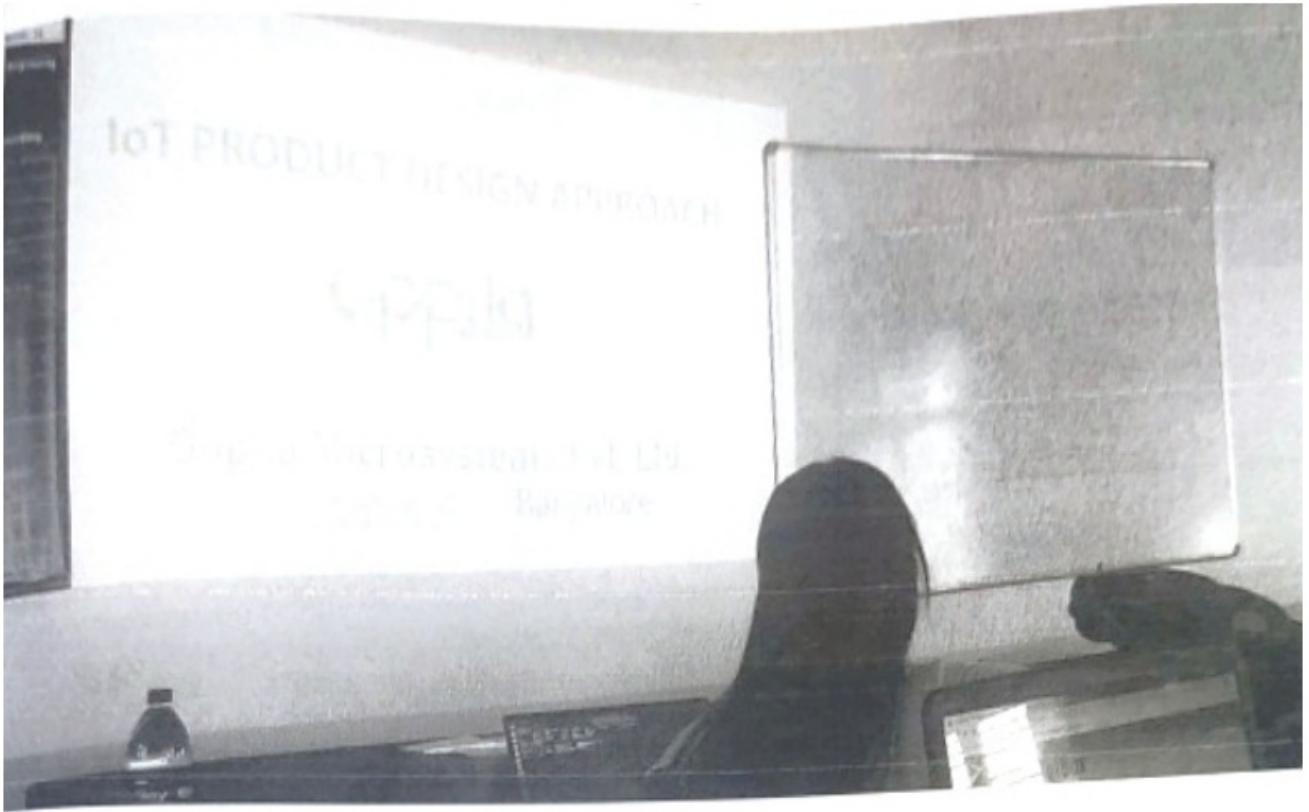
Chennai, Tamil Nadu, India
ENGINEERING COLLEGE-BLOCK, MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE, Varadarajpet Rd, Subedar Colony,
Kodambakkam, Chennai, Tamil Nadu 600024, India
Lat 13.055896°
Long 80.22621°
05/04/23 09:42 AM GMT +05:30



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CHENNAI-600 024

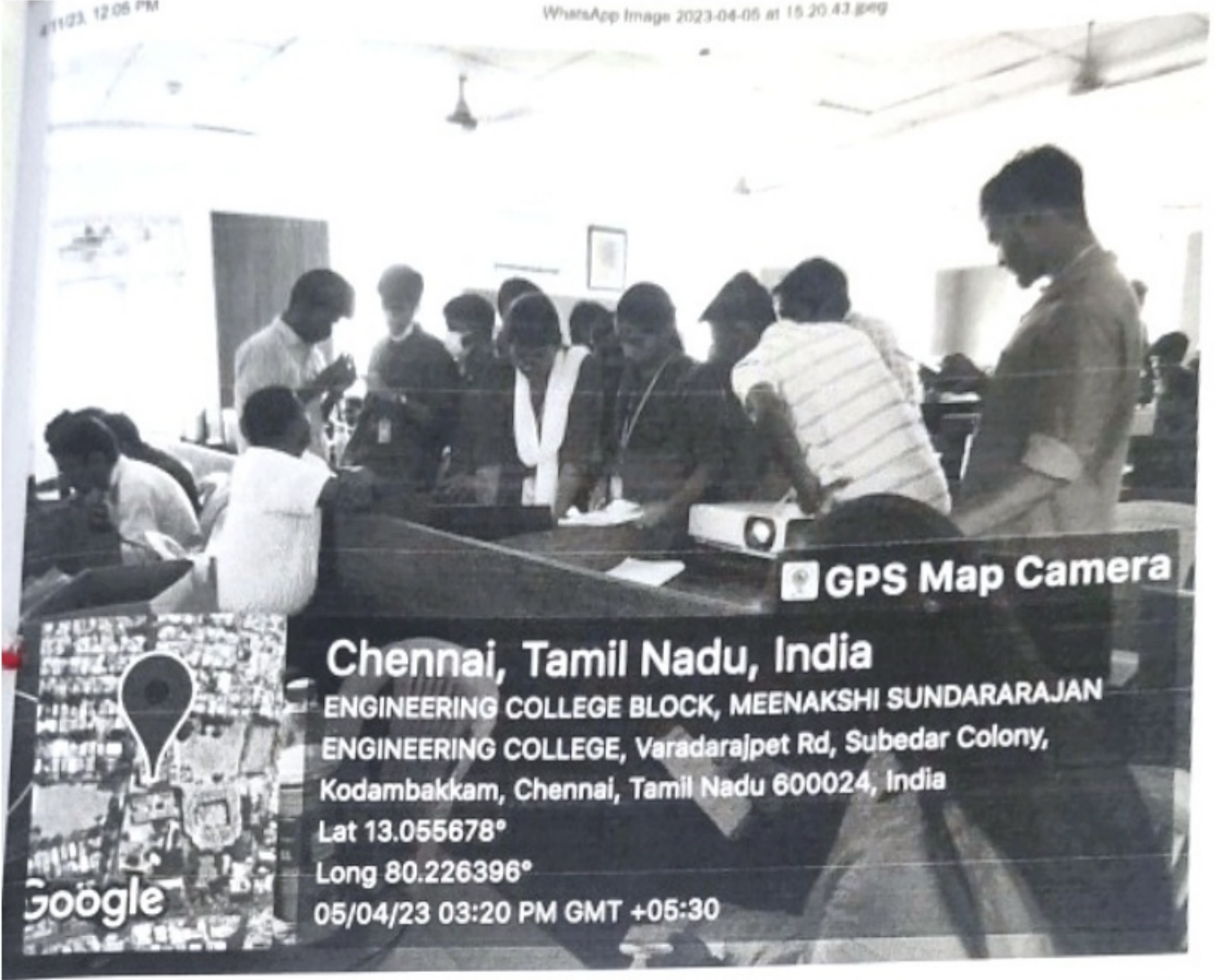


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PRINCIPAL
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CHENNAI-600 024

4/11/23 12:05 PM

WhatsApp Image 2023-04-05 at 15:20:43.jpg



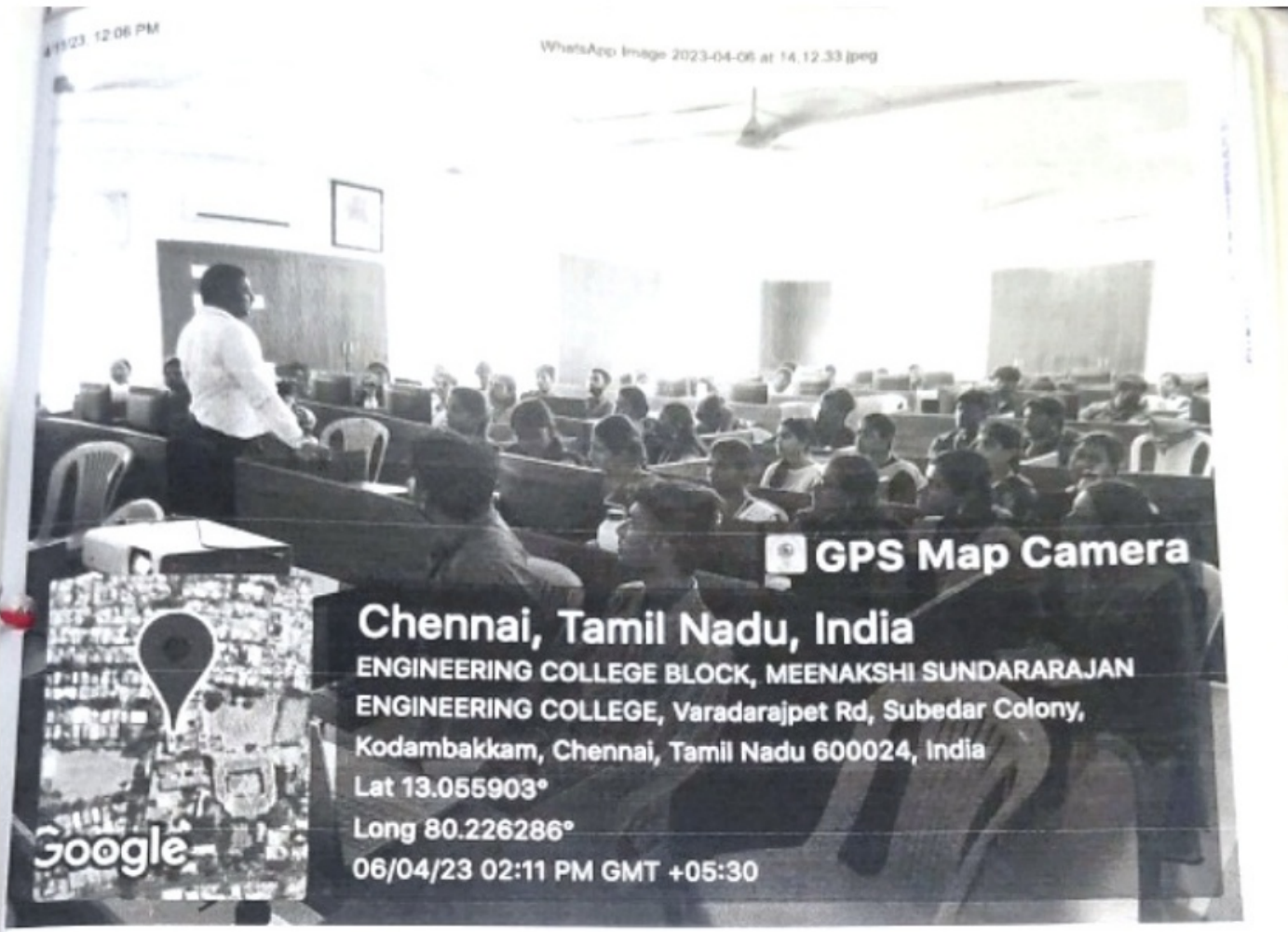
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4/13/23 12:06 PM

WhatsApp Image 2023-04-06 at 14:12:33 (jpg)



 **GPS Map Camera**

Chennai, Tamil Nadu, India

ENGINEERING COLLEGE BLOCK, MEENAKSHI SUNDARARAJAN

ENGINEERING COLLEGE, Varadarajpet Rd, Subedar Colony,

Kodambakkam, Chennai, Tamil Nadu 600024, India

Lat 13.055903°

Long 80.226286°

06/04/23 02:11 PM GMT +05:30



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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024

4/15/23 12:06 PM

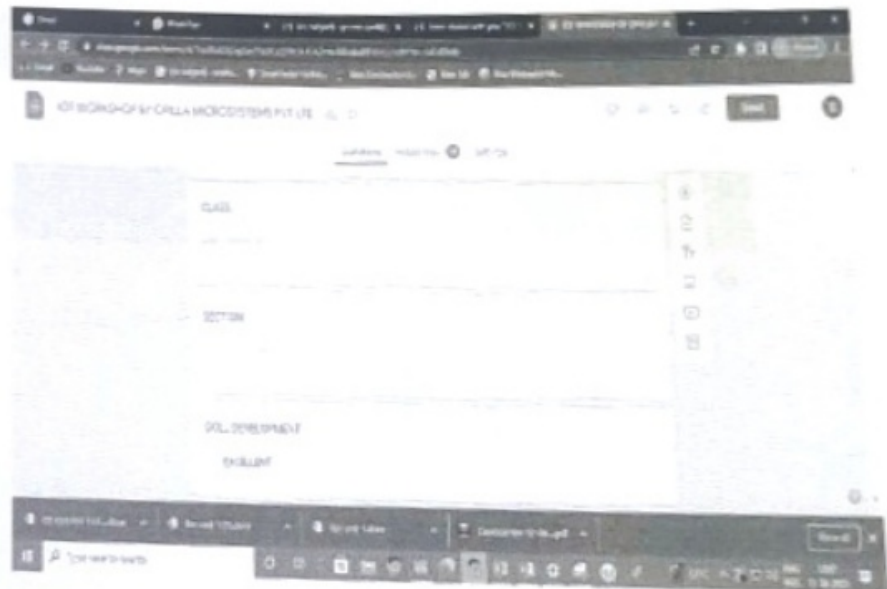
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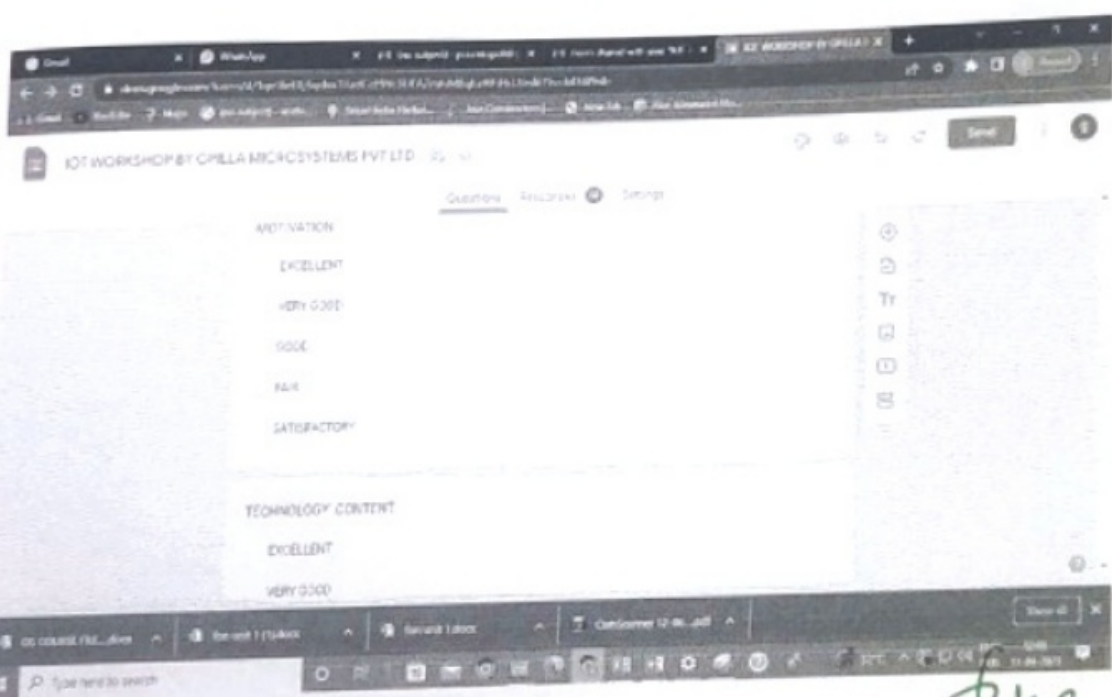
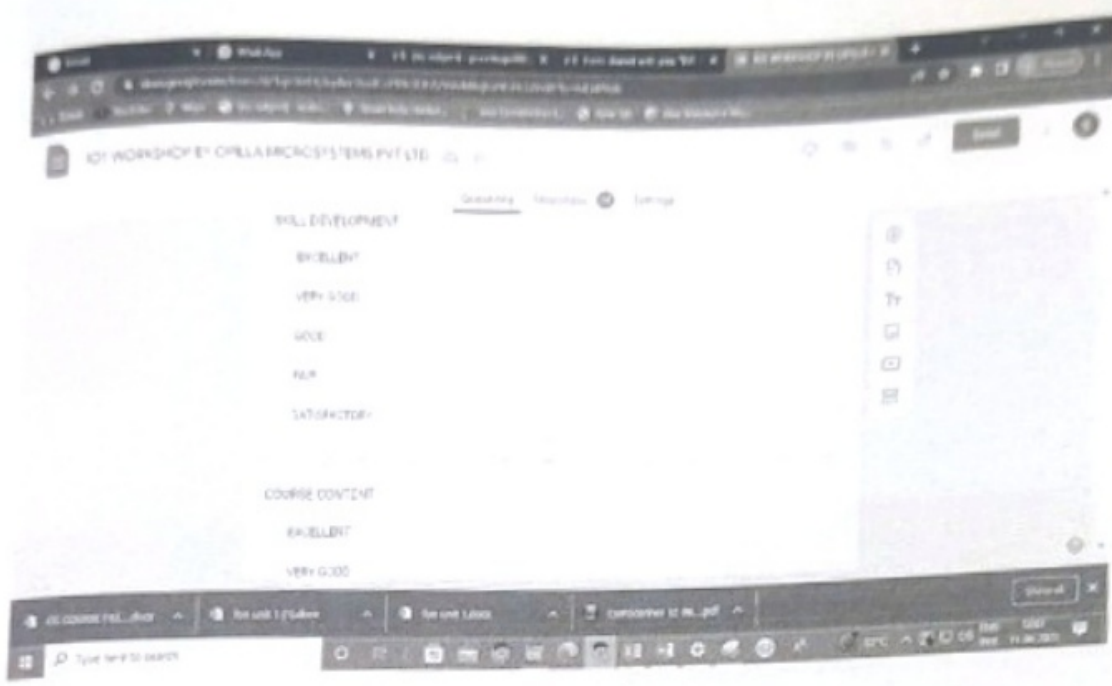
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CHENNAI-600 024



IDI WORKSHOP BY CPILLA MICROSYSTEMS PVT LTD

Questions Assessment Settings

INTERVIEW OF THE LABS

- EXCELLENT
- VERY GOOD
- GOOD
- FAIR
- SATISFACTORY

INTERACTION

- EXCELLENT
- VERY GOOD



IDI WORKSHOP BY CPILLA MICROSYSTEMS PVT LTD

Questions Assessment Settings

INDIVIDUAL ATTENTION

- EXCELLENT
- VERY GOOD
- GOOD
- FAIR
- SATISFACTORY

OUTCOME

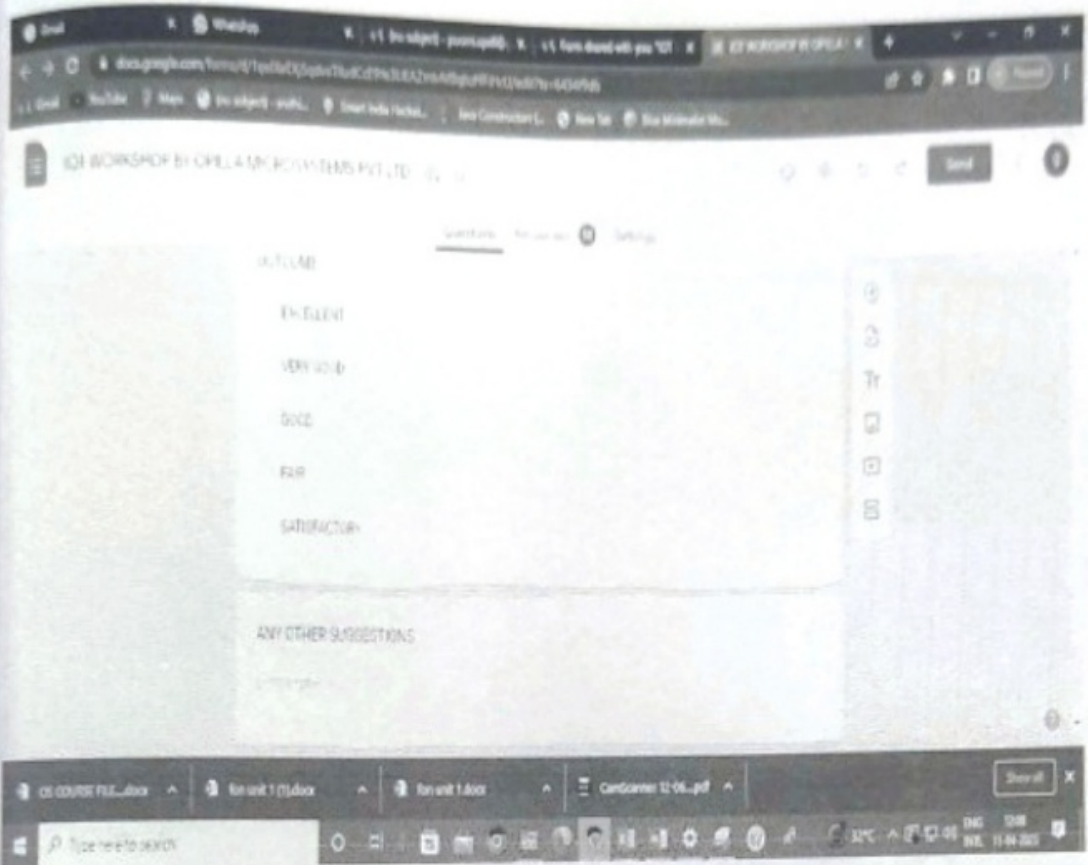
- EXCELLENT
- VERY GOOD



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363, ARCOT ROAD, KODAMBAKKA

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
ACHIEVE EXCELLENCE PROGRAMME**

RESPONSE SHEET

Timestamp	NAME	REGISTER NO	CLASS	SECTION	SKILL DEVELOPMENT	COURSE CONTENT
4-5-2023 16:10:28	THARUNSESHADRI	311521106016	ECE	B	EXCELLENT	EXCELLENT
4-5-2023 16:11:26	Harish Ramana	311521105015	EEE II	A	VERY GOOD	EXCELLENT
4-5-2023 16:11:39	Parthiban M	311521106070	ECE	B	EXCELLENT	EXCELLENT
4-5-2023 16:11:48	Murari Narasimhan	311521114024	II-Year	Mechanical	VERY GOOD	VERY GOOD
4-5-2023 16:12:02	S POOJASHREE	311521105030	II	EEE	GOOD	GOOD
4-5-2023 16:12:36	Soundharya B	311521106094	2nd year ECE	B	GOOD	GOOD
4-5-2023 16:12:59	K. Vinoth kumar	311521106110	Ece	B	VERY GOOD	VERY GOOD
4-5-2023 16:13:15	Pramoth S	311521106071	ECE	B	VERY GOOD	GOOD
4-5-2023 16:13:16	Sneha R	311521106093	2nd year ECE	B	EXCELLENT	EXCELLENT
4-5-2023 16:13:32	R supraja	311521105045	II	EEE	GOOD	GOOD
4-5-2023 16:13:33	BHARATH.S	311521105008	2ND YEAR EEE		VERY GOOD	VERY GOOD
4-5-2023 16:14:47	Dhanush kumar.R	311521105010	EEE 2nd year		GOOD	GOOD
4-5-2023 16:15:05	Precious Rikshy S	311521105031	2 nd year	EEE	EXCELLENT	VERY GOOD
4-5-2023 16:15:07	Dharini T	311521105011	2nd year	Electrical and e	VERY GOOD	VERY GOOD
4-5-2023 16:16:51	Deepshiga R	311521106021	ECE 2	A	VERY GOOD	EXCELLENT
4-5-2023 16:16:54	Malini B	311521106058	II- ECE	A	VERY GOOD	GOOD
4-5-2023 16:17:00	Dhash Venetha G	311521106024	ECE	A	GOOD	GOOD
4-5-2023 16:17:05	Meghana G	311521104027	BE CSE	2nd year	EXCELLENT	EXCELLENT
4-5-2023 16:18:40	Shreemathi D	311521104053	CSE	2nd year	VERY GOOD	VERY GOOD
4-5-2023 16:18:55	Sriya Vaishnavi V	311521243055	AI-Ds		GOOD	VERY GOOD
4-5-2023 16:19:24	RAMYA N	311521243039	2nd year	AI - DS	EXCELLENT	VERY GOOD
4-5-2023 16:19:41	Vidhya Premanand	311521243063	2nd year	AI & DS	EXCELLENT	EXCELLENT
4-5-2023 16:20:42	Priyashree	311521104035	2nd year	CSE	GOOD	GOOD
4-5-2023 16:20:55	A.J.Md Jaffer Siddiqu	311521243032	2nd year	AI & DS	EXCELLENT	EXCELLENT
4-5-2023 16:21:21	RUPESH. S	311521106079	Ece	B	GOOD	GOOD
4-5-2023 16:21:41	Rangapriya R	311521104037	II year	CSE	VERY GOOD	VERY GOOD
4-5-2023 16:22:23	SAI KISHORE. A	311521106082	Ece	B	GOOD	VERY GOOD
4-5-2023 16:23:22	DHANUSH.D	311521243011	B.Tech-Artificial	2nd year	VERY GOOD	VERY GOOD
4-5-2023 16:23:50	Sulaksha.B.K	311521104059	II YR BE	CSE	EXCELLENT	EXCELLENT
4-5-2023 16:24:35	Gowtham	311521106030	ECE	A	VERY GOOD	VERY GOOD
4-5-2023 16:25:35	SARATHI J	311521243045	AI&DS		VERY GOOD	VERY GOOD
4-5-2023 16:26:03	Dharshan S	311521104011	BE CSE	II year	VERY GOOD	EXCELLENT

4/5
19/03

S.K.S.

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363, ARCOT ROAD, TODDARAJAPETA, CHENNAI-600036

Date	Time	Name	Roll No	Course	Year	Grade	Remarks
4-5-2023	16:27:09	Kathirvelan K.M	311521243023	AI&DS			
4-5-2023	16:37:06	Prasanth	311521104305	CSE	2nd year	EXCELLENT	VERY GOOD
4-5-2023	16:45:36	Deepika .N	311521106020	II ECE	A	VERY GOOD	GOOD
4-5-2023	16:51:39	Harini S R	311521106034	II ECE	A	EXCELLENT	VERY GOOD
4-5-2023	16:52:31	K G Vaishnavi	311521104060	2nd yr CSE	-	VERY GOOD	EXCELLENT
4-5-2023	16:59:36	Rohan Steven	311521106078	ECE	B	VERY GOOD	VERY GOOD
4-5-2023	17:04:07	K.Harini	311521104701	2nd year	-	EXCELLENT	EXCELLENT
4-5-2023	17:04:29	SB.SNEHA NARAYAN	311520205044	III year	-	VERY GOOD	VERY GOOD
4-5-2023	17:32:42	Gokul u	311521101301	Eee	INFORMATION	EXCELLENT	EXCELLENT
4-5-2023	18:02:15	Aarthi A	311521106002	ECE	A	EXCELLENT	EXCELLENT
4-5-2023	18:05:31	Sandhya A	311521243043	B. Tech AI and	A	GOOD	GOOD
4-5-2023	18:25:28	P SELVAKUMAR	311521104052	BE	2nd year	EXCELLENT	EXCELLENT
4-5-2023	18:34:56	DIVYA DHARSHINI.M	311521243013	2nd year AI &DS	CSE IIYR	EXCELLENT	GOOD
4-5-2023	19:05:29	G Tanujhaa	311521205053	2nd year	GOOD	VERY GOOD	VERY GOOD
4-5-2023	19:17:31	Thamizhini S	311521205055	IT	B.tech(IT)	VERY GOOD	VERY GOOD
4-5-2023	19:43:12	Pavithra S	311521205036	B.tech IT	2nd year	EXCELLENT	EXCELLENT
4-5-2023	20:00:36	K.SNEHA	311521105041	2nd year	-	VERY GOOD	VERY GOOD
4-5-2023	20:11:59	HariKrishnan M R	311521205017	2nd IT	IT	VERY GOOD	EXCELLENT
4-5-2023	20:12:08	Sanjay Kumar M	311521205046	B.tech IT	2nd year	GOOD	EXCELLENT
4-5-2023	20:46:43	P.HariKrishnan	311521205018	2nd year	Btech IT	EXCELLENT	EXCELLENT
4-5-2023	20:47:25	Neha M	311521205032	B.Tech IT 2nd y	IoT workshop	VERY GOOD	VERY GOOD
4-5-2023	21:40:31	Abubacker Siddique	311521205004	IT 2nd year	Nil	GOOD	EXCELLENT
4-5-2023	21:53:52	THAMEEM MUL ANS	311521205054	INFORMATION	IT	VERY GOOD	VERY GOOD
4-5-2023	22:15:25	SUBHASHINI M	311521105044	Second year	EEE	VERY GOOD	GOOD
4-6-2023	11:19:32	S.Umayal	311521205056	2nd year	B.Tech IT	EXCELLENT	VERY GOOD
4-7-2023	22:52:36	Mohamed Arshad Aha	311521243033	B Tech Artificial	intelligence and	EXCELLENT	EXCELLENT

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CHENNAI-600 024

II		
1	PHARIKRISHINAN	<i>Pharikrishinan</i>
2	THAMIZHINI S	<i>Thamizhini S</i>
3	NEHA M	<i>Neha M</i>
4	PAVITHRA S	<i>Pavithra S</i>
5	SANJAYKUMAR M	<i>Sanjaykumar M</i>
6	HARIKRISHINAN M R	<i>Harikrishinan M R</i>
7	G TANUJHAA	<i>G Tanujhaa</i>
8	S UMAYAL	<i>S Umayal</i>
9	S THAMEEM MUL ANSARI	<i>S Thameem Mul Ansari</i>
ADS		
1	A J MD JAFFER SIDDIQUE	<i>A J MD Jaffer Siddique</i>
2	VIDHYA PREMANAND	<i>Vidhya Premanand</i>
3	KATHIR VELAN K M	<i>Kathir Velan K M</i>
4	SNIVETHA DEVIYA	<i>Snivetha Deviya</i>
5	N RAMYA	<i>N Ramya</i>
6	C S KARTHIK	<i>C S Karthik</i>
7	V SRIYA VAISHANAVI	<i>V Sriya Vaishanavi</i>
8	A SANDHYA	<i>A Sandhya</i>
9	PR ARITHIKA PRIYA	<i>Pr Arithika Priya</i>
10	T ARSHAD AHMED SAHAB J	<i>T Arshad Ahmed Sahab J</i>

MECHANICAL

1. *Murugan*
 IT
 10. *you bacheri siddique*

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 MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
 363, ARCOT ROAD, KODAMBAKKAM,
 CHENNAI-600 024

ATTENDANCE SHEET

SL. NO	NAME	05.04.23	06.04.23
		SIGNATURE	SIGNATURE
CSE			
1	DHARSHAN S	<i>[Signature]</i>	
2	SELVAKUMAR P	<i>[Signature]</i>	
3	ASWIN H	<i>[Signature]</i>	
4	SULAKSHA B K	<i>[Signature]</i>	
5	VAISHNAVI G	<i>[Signature]</i>	
6	HARINI K	<i>[Signature]</i>	
7	MEGHANA G	<i>[Signature]</i>	
8	PRIYASHREE H	<i>[Signature]</i>	
9	SREEMATHI D	<i>[Signature]</i>	
10	RANGAPRIYA R	<i>[Signature]</i>	
ECE A			
1	AARTHA A	<i>[Signature]</i>	
2	ANUSH MN	<i>[Signature]</i>	
3	BADAR SAYEEDA M	<i>[Signature]</i>	
4	DEEPIKA N	<i>[Signature]</i>	
5	DHASH VENETHA G	<i>[Signature]</i>	
6	GOWTHAM M	<i>[Signature]</i>	
7	HAREESH RAM N.S	<i>[Signature]</i>	
8	HARINI S R	<i>[Signature]</i>	
9	KUMARAPPAN M	<i>[Signature]</i>	
10	MALINI B	<i>[Signature]</i>	
ECE B			
1	ROHAN STEVEN .B	<i>[Signature]</i>	
2	VINOTH KUMAR. K	<i>[Signature]</i>	
3	SRIVALSAN. S	<i>[Signature]</i>	
4	RUPESH. S	<i>[Signature]</i>	
5	PRAMOTH.S	<i>[Signature]</i>	
6	THARUN SESHADRI. G. J	<i>[Signature]</i>	
7	SNEHA R	<i>[Signature]</i>	



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363, Arcot Road, Kodambakkam, Chennai – 24

Approved by AICTE & Affiliated to Anna University

email Id: principal@msec.edu.in

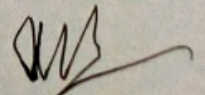
Website : www.msec.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

ACHIEVE EXCELLENCE PROGRAM (AEP)

Academic Year 2021 – 2022

Sl.No	IV Year	III Year	II Year
1.	Karthikeyan	Surya V.T	Aananthi S
2.	Deveshwar	Sarvesh	Srikanth
3.	Altaf Ayub Khan	Saravana perumal	Anandapadmanaban
4.	Vijay Pa	Abubacker Siddique	Jeffrey
5.	Revanth R	Sankar	Vignesh


HOD



**MEENAKSHI SUNDARARAJAN ENGINEERING
COLLEGE**

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Approved by AICTE, Affiliated to Anna University & Accredited by NBA for the
programs applied

Email Id: principal@msec.edu.in

Website : www.msec.edu.in

ENGINEER'S DAY - 2022-23
Technical Seminar On

**CHALLENGES FOR THE YOUNG
ENGINEERS**

CHIEF GUEST: Mr. L VENKADASAMY
Managing Director, ENMAS INDIA

on
15TH SEPTEMBER 2022 at 02:30 PM in
CIVIL SEMINAR HALL

In the august presence of

Dr. K S BABAI
SECRETARY

Dr. SURESH P K
PRINCIPAL

Mr. N SREEKANTH
Director

Dr. K UMARANI
Dean Academics

Dr. K BALASUBRAMANIAN
HOD (Mechanical)

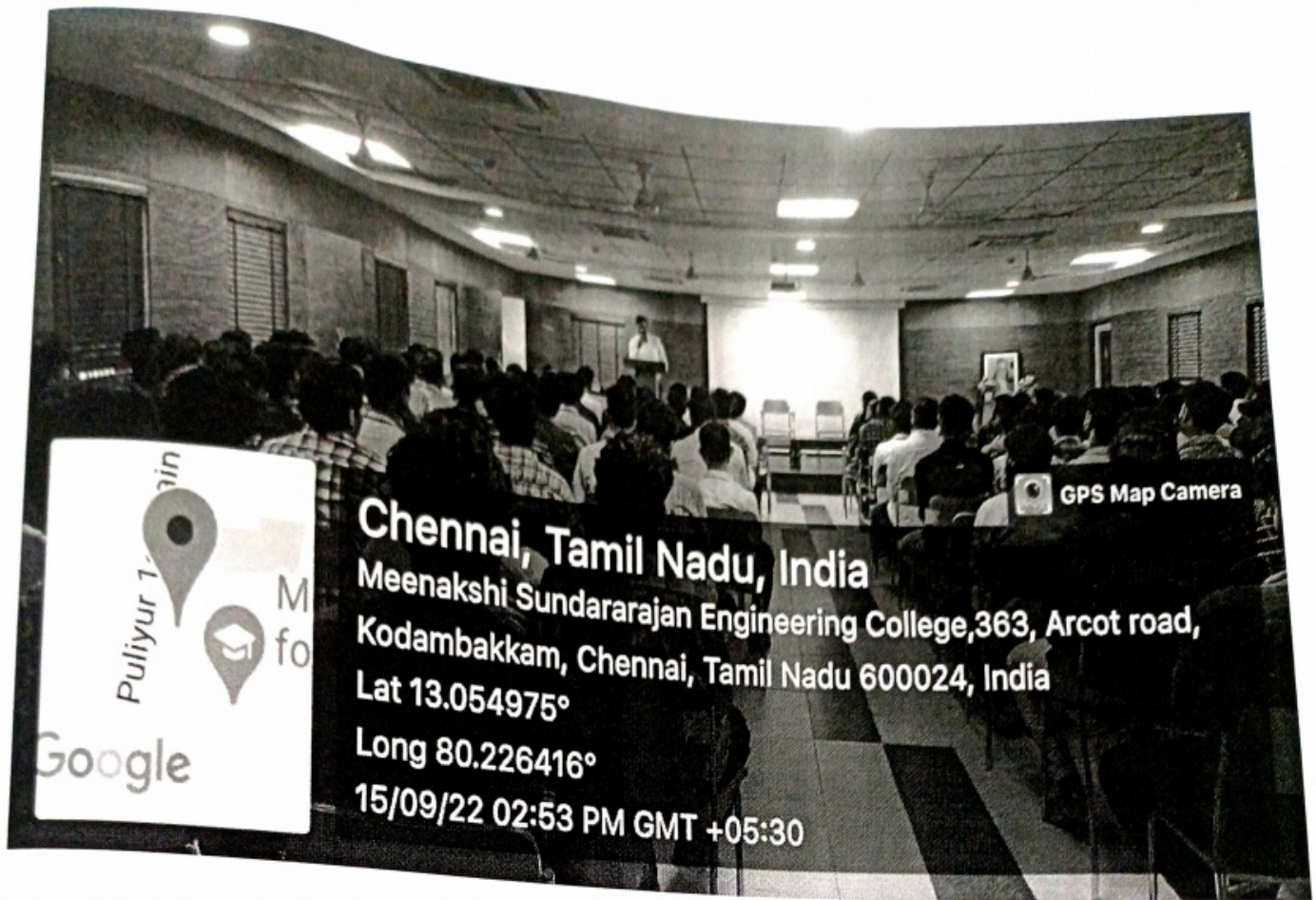
ORGANISED BY
DEPARTMENT OF MECHANICAL ENGINEERING



17	311521114018	KAMALESH U	<i>Land</i>
18	311521114019	KANNADASAN	<i>N. R. Kannadasan</i>
19	311521114020	LOURDH IRUDHAYA SELVAM T	<i>Irudhaya</i>
20	311521114021	MANOJ KUMAR S	<i>Manoj</i>
21	311521114022	MUGHILAN	<i>Mughilan</i>
22	311521114023	MUHAMMED YASDAN N A	<i>Yasdan</i>
23	311521114024	MURARI NARASIMHAN	<i>Narasimhan</i>
24	311521114025	NARESH KUMAR N S	<i>N. S. Narash Kumar</i>
25	311521114026	POOJA B	<i>Pooja</i>
26	311521114027	PRAGATHEESWARAN S	<i>S. Pragaswar</i>
27	311521114028	RISHI KISHORE G A	<i>Rishu</i>
28	311521114029	ROHIT BALA A	<i>Rohit Bala</i>
29	311521114030	SANJIV S S	<i>S. Sanjiv</i>
30	311521114031	SANKAR V	<i>V. Sankar</i>
31	311521114032	SARAVANA PERUMAL K	<i>P. Saravana</i>
32	311521114033	SARVESH V K	<i>V. Sarvesh</i>
33	311521114034	SATHIYA P	<i>P. Sathya</i>
34	311521114035	SIVAKRISHNAN B	<i>B. Sivakrishnan</i>
35	311521114036	SOORYARAM.H	<i>H. Sooryaram</i>
36	311521114037	SOUJAY GHOSHAL	<i>Soujay</i>

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE KODAMBAKKAM, CHENNAI-24
 DEPARTMENT OF MECHANICAL ENGINEERING

37	311521114038	SURYA V T	V.T. Surya
38	311521114039	VENKATESH SUDHAN P	P. Venkatesh
39	311521114040	VIGNESH K	K. Vignesh
40	311521114041	VIJAY KR	K. Vijay
41	311521114301	ABIJITH C S	A. Bijith
42	311521114302	ABUBUCKER SIDDIQUE S	A. B. Siddique
43	311521114303	CHANDRU V	V. Chandru
44	311521114304	GOKULAKRISHNAN D	D. Gokul Krishnan
45	311521114305	HARI RAM SAIT A	A. Hari Ram
46	311521114306	HEMACHANDRAN K	K. Hemachandran
47	311521114307	KISHORE BARATHY L	L. Kishore
48	311521114308	LITHIK K	K. Lithik
49	311521114309	MUHAMMED FAYAZUDEEN Z	Z. M. Fayazudeen
50	311521114310	RAMESH M	M. Ramesh
51	311521114311	SATHIS KUMAR K	K. Sathis Kumar
52	311521114312	SOMNATH G	G. Somnath
53	311521114313	THIRULOKESH S	S. Thirulokesh
54	311521114314	VEKASH S B	B. Vekash



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Meenakshi Sundararajan Engineering College, 363, Arcot road,
Kodambakkam, Chennai, Tamil Nadu 600024, India
Lat 13.054975°
Long 80.226416°
15/09/22 02:53 PM GMT +05:30

GPS Map Camera



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Meenakshi Sundararajan Engineering College, 363, Arcot road,
Kodambakkam, Chennai, Tamil Nadu 600024, India
Lat 13.054975°
Long 80.226416°
15/09/22 03:27 PM GMT +05:30

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