

Vi Microsystems Pvt. Ltd.,

Plot No. 75, Electronics Estate, Perungudi, Chennai - 600096.

Tel : 044 - 2496 1842, 2496 1852

E-mail : sales@vimicrosystems.com Website : www.vimicrosystems.com

TIN : 33891580314 CST No.: 42596 / 06-05-1986 PAN No.: AAACV0909J

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students of Final year B.E IN ELECTRONICS AND COMMUNICATION ENGINEERING, MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE, CHENNAI had done the project "WIRELESS TRANSFORMER PARAMETER MONITORING AND CONTROLLING SYSTEM" under our guidance at our organization From January 2017 to March 2017.

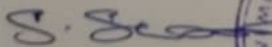
During this period, they had successfully completed the project and their Performance was observed to be **GOOD**.

We wish them all success.

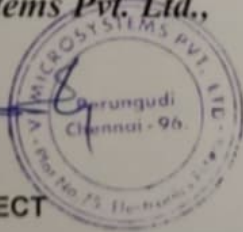
STUDENTS NAME:

1. PRATHEEP.M (311513106060)
2. RAJAVARMA.R (311513106067)
3. NAVANEESH KUMAR.K (311513106303)

For Vi Microsystems Pvt. Ltd.,



MANAGER - PROJECT





PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBALOOVU,
CHENNAI-600 024

To:

PARASURAMAN P
Assistant Professor,
Department of EEE,
Meenakshi Sundrararajan Engg. College,
Kodambakkam,
Chennai-24

Sub: Industrial visit – Reg

Ref: Your Letter Dt: 12/07/2018.

With reference to the above regarding Industrial visit, we are Pleased to inform you that **60 Students & 3 faculties** of EEE dept in your institution are permitted to visit our Factory **premises on 04/08/2018 at 10:30 P.M**

Thanking you.

Yours faithfully,

For VI Microsystems pvt ltd.,



S. Varadharajan
Asst. Manager Customer Support



REPORT ON INDUSTRIAL VISIT

PREPARED BY,
CLASS REPRESENTATIVES,
EEE/II YEAR,
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

SUBMITTED TO,
THE PRINCIPAL,
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

INDUSTRY VISITED: VI MICROSYSTEMS PRIVATE LIMITED

DATE OF VISIT: 04 August 2018

The batch of EEE/II year students (58) and two staff coordinators visited the VI MICROSYSTEMS industry at perungudi on 4th of August 2018. This industry mainly focusses on the preparation and supply of electronic devices for many laboratories.

The staffs working there were friendly and addressed the students, explaining the functioning of this unit. They gave detailed explanation on the working of each and every section actively working within this unit.

The sections we were walked through were:

1. Basic introduction to Printed Circuit Boards (PCB) - types, design, fabrication and identification.
2. Mounting components on the PCB, testing and introduction to different types of IC's and their applications.
3. Instrumentation- working of a , construction, materials used and effective applications.
4. Automation system- a basic introduction to automation systems, control systems-PLC and DCB-their effective utilisation and application.

Students were taken through these sessions in 6 batches of 10 each. They interacted with the staff very effectively and gained knowledge of many electronic devices.

The sessions began at 10:00 am and concluded at around 1 noon. The students were thankful for the opportunity given to them to gain such knowledge.

This trip was highly useful for the students in terms of practical knowledge about the various electronic components. This trip will also be helpful for them to plan many projects in the near future.

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

CHENNAI-24

Department of Electrical and Electronics Engineering
Industrial visit to "VI MICROSYSTEMS"

S.NO.	REGISTRATION NO.	NAME OF THE STUDENT
1	311517105001	Aadithya Sai Subramaniam S
2	311517105002	Aakash S
3	311517105003	Abishek G
4	311517105004	Akshaya R
5	311517105005	Ayisha M
6	311517105006	Balaji S
7	311517105007	Balamurugan R
8	311517105008	Bala Vigneshwar K P
9	311517105009	Brian Samuel Alfred
10	311517105010	Dharshini V
11	311517105011	Diksha H
12	311517105012	Donajai R
13	311517105013	Durga S
14	311517105014	Esther G
15	311517105015	Harini RK
16	311517105016	Hari Prasad J
17	311517105017	Hemalatha R
18	311517105018	Indhar B
19	311517105019	Ishwarya J
20	311517105020	Jerin Jack J
21	311517105021	Kabilan S
22	311517105022	Kalai Selvan R
23	311517105023	Kavya G
24	311517105024	Lalith Kumar M
25	311517105026	Lokesh M
26	311517105027	Nachiappan S
27	311517105028	Narender S
28	311517105029	Nawash Shariff T
29	311517105030	Niranjani B
30	311517105031	Nithish Kumar S
31	311517105032	Nivedha E
32	311517105033	Pavithra S
33	311517105034	Ponn Ashok R
34	311517105035	Rajbharath G
35	311517105036	Revathi Reshika R
36	311517105037	Sabareesh R
37	311517105038	Sanjeev M G
38	311517105039	Saranraj P
39	311517105040	Sarumathy N

**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
CHENNAI-24**

**Department of Electrical and Electronics Engineering
Industrial visit to "VI MICROSYSTEMS"**

40	311517105041	Sathish S
41	311517105042	Shalini D
42	311517105043	Shivani B S
43	311517105045	Sinduja S
44	311517105046	Siva Pandian C
45	311517105047	Soundaravadanan R
46	311517105048	Soundharya I
47	311517105049	Subarna A R
48	311517105050	Subhashini D R
49	311517105051	Umer Farooq N
50	311517105052	Vidhya Sagar R
51	311517105053	Yogalakshmi T
52	311517105054	Yogeshwaran A
53	311517105301	Arun Kumar
54	311517105302	Jagadeesh D
55	311517105303	Prasanna Sriram
56	311517105304	Shankar N A
57	311517105305	Sriraman S



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Kodambakkam, Chennai

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRIAL VISIT - FEEDBACK FORM

(Academic Year : 2018-19)

Name of Student: Abishek G
Batch: 2017-21

Organization Name: VI Micro system
Date of Visit: 1/8/18

Q1. Was this your first Industrial Visit?

Yes No

Q2. How was the learning experience at the Industrial Visit?

Exceptional Very Good Good No Opinion

Q3. How likely it is for you to recommend this visit in future?

Most Likely Likely Somewhat Like No Opinion

Q4. How would you rate your overall experience of the visit?

Exceptional Very Good Good No Opinion


Q5. Was the Industrial Visit educational on grounds of your department?

Exceptional Very Good Good No Opinion

Q6. Give your report on the Industrial Visit in not more than 100 words.

Seeing so many Instruments being manufactured,
is very useful for studying M&I Subject.

Your feedback is important for planning future programming.


Signature of the Student

Vi Microsystems Pvt. Ltd.,

Plot No 75, Electronics Estate, Perungudi, Chennai - 600096
Tel: 044-2496 1842 2496 1852

E-mail: sales@vimicrosystems.com Website: www.vimicrosystems.com
GSTIN: 33AAACV0909J1ZJ PAN No: AAACV1909J

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students of Final year B.E., in Electrical and Electronics Engineering (EEE), Meenakshi Sundararajan Engineering College, Chennai had done the project " Four Switch Cascaded Buck Boost Converter " under our guidance at our organization From 20.01.2020 to 18.03.2020.

During this period, they had successfully completed the Internship project and their Performance was observed to be GOOD.

We wish them all success.

STUDENTS NAME:

- | | |
|-----------------------|--------------|
| 1. P.SANJAY KUMAR | 311516105037 |
| 2. M.RATHNA RAJ KUMAR | 311516105302 |
| 3. J.AZAR MOHAMED | 311516105010 |
| 4. B.ASHWIN KUMAR | 311516105009 |

For Vi Microsystems Pvt. Ltd.,



MANAGER - PROJECT & TRAINING



MC MICROPROCESSOR TRAINERS, PROCESS CONTROL TRAINERS, POWER ELECTRONICS TRAINERS, DSP TRAINERS, PERSONAL COMPUTER TRAINERS



PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAN
CHENNAI-600 026

Vi Microsystems Pvt. Ltd.,

Plot No.75, Electronics Estate, Perungudi, Chennai - 600096

Tel : 044-2496 1642, 2496 1652

E-mail : sales@vimicrosystems.com Website : www.vimicrosystems.com

GSTIN : 33AAACV0909J1ZJ PAN No : AAACV0909J

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students of Final year B.E., in Electrical and Electronics Engineering (EEE), Meenakshi Sundararajan Engineering College, Chennai had done the project " Single Switch DC – DC Converter for Electric Vehicle " under our guidance at our organization From 20.01.2020 to 18.03.2020.

During this period, they had successfully completed the Internship project and their Performance was observed to be GOOD.

We wish them all success.

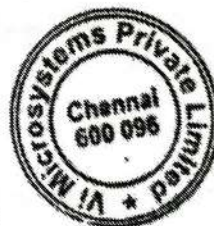
STUDENTS NAME:

- | | |
|--------------------|--------------|
| 1. M.VIGNESH KUMAR | 311516105052 |
| 2. S.VISWANATH | 311516105054 |
| 3. R.RANJITH KUMAR | 311516105301 |
| 4. J.DINESH RAJA | 311516105014 |

For Vi Microsystems Pvt. Ltd.,



MANAGER – PROJECT & TRAINING



MFRS. MICROPROCESSOR TRAINERS, PROCESS CONTROL TRAINERS, POWER ELECTRONICS TRAINERS, DSP TRAINERS, PERSONAL COMPUTER TRAINERS


PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, ZODAMBALAKAM
CHENNAI-600 024

Vi Microsystems Pvt. Ltd.,

10th Floor, 10th Cross, 10th Main, 10th Block, 10th Stage,
10th Avenue, 10th Lane, 10th Street,
10th Colony, 10th Sector, 10th Zone, 10th District,
10th City, 10th State, 10th Country.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students of Final year B.E. in Electrical and Electronics Engineering (EEE), Meenakshi Sundararajan Engineering College, Chennai had done the project "Thirteen Level Module (K-Type) with two DC Sources for multilevel inverter" under our guidance at our organization From 20.01.2020 to 18.03.2020.

During this period, they had successfully completed the internship project and their Performance was observed to be GOOD.

We wish them all success.

STUDENTS NAME:

1. Subhiksha.K
2. Pooja.A
3. Shwetha.K.K



PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, SODAMBAKICAM,
CHENNAI-600 026

For Vi Microsystems Pvt. Ltd.,



MANAGER - PROJECT & TRAINING



Vi Microsystems Pvt. Ltd.,

Plot No 75, Electronics Estate, Perungudi, Chennai - 600096

Tel 044-2496 1842, 2496 1852

E-mail sales@vimicrosystems.com Website www.vimicrosystems.com

GSTIN 33AAACV0909J1Z1 PAN No AAACV0909J

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students of Final year B.E., in Electrical and Electronics Engineering (EEE), Meenakshi Sundararajan Engineering College, Chennai had done the project "PV Battery Charger Using an L3C Resonant Converter" under our guidance at our organization from 20.01.2020 to 18.03.2020

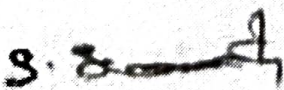
During this period, they had successfully completed the Internship project and their Performance was observed to be GOOD.

We wish them all success.

STUDENTS NAME:

1. V.VIVEK 311516105305
2. V.SURENDRAN 311516105048
3. S.SIVARAMAKRISHNAN 311516105042

For Vi Microsystems Pvt. Ltd.,



MANAGER - PROJECT & TRAINING




PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, SODAMBALUR
CHENNAI-600 026



Vi Microsystems Pvt. Ltd.,

#75, Electronics Estate, Perungudi, Chennai, Tamilnadu, India - 600 096.

Phone : 044 - 2496 0774, 2496 1842, 2496 1852, 2496 3142

E-Mail: sales@vimicrosystems.com | Website: www.vimicrosystems.com

GSTIN: 33AAACV0909J1ZJ | TIN : 33891580314 | PAN : AAACV0909J

Lett: VIM/ Project/2021/036

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.Ayisha M** from **Meenakshi Sundararajan Engineering College**, Chennai-600024 Studying B.E. In Electrical and Electronics Engineering has completed her Internship Project under the Topic **“Design and Analysis of Bidirectional DC-DC Converter for Electric Vehicle”** Under our guidance at our Organization from 27.01.2021 to 05.04.2021.

During this period, she had successfully completed the Internship Training and their Performance was observed to be **GOOD**.

For Vi Microsystems Pvt. Ltd.,



MANAGER – PROJECT & TRAINING

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, ZODAMBALUKATA
CHENNAI-600 024



Vi Microsystems Pvt. Ltd.,

#75, Electronics Estate, Perungudi, Chennai, Tamilnadu, India - 600 096.

Phone : 044 - 2496 0774, 2496 1842, 2496 1852, 2496 3142

E-Mail: sales@vimicrosystems.com | Website: www.vimicrosystems.com

GSTIN: 33AAACV0909J1ZJ | TIN : 33891580314 | PAN : AAACV0909J

Lett: VIM/ Project/2021/034

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.Nivedha E** from **Meenakshi Sundararajan Engineering College**, Chennai-600024 Studying B.E. In Electrical and Electronics Engineering has completed her Internship Project under the Topic **“Design and Analysis of Bidirectional DC-DC Converter for Electric Vehicle”** Under our guidance at our Organization from 27.01.2021 to 05.04.2021.

During this period, she had successfully completed the Internship Training and their Performance was observed to be **GOOD**.

For Vi Microsystems Pvt. Ltd.,



MANAGER – PROJECT & TRAINING

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



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(363, Arcot Road, Kodambakkam, Chennai, Tamil Nadu 600024)



NATIONAL CONFERENCE ON INNOVATION IN
INFORMATION AND COMMUNICATION TECHNOLOGY

ORGANIZED BY
DEPARTMENT OF INFORMATION TECHNOLOGY IN
ASSOCIATION WITH COMPUTER SOCIETY OF INDIA

Certificate Of Appreciation

This is to certify thatMr. Deiva Bala.....
was a member of the Technical committee for 'National Conference on
Innovation In Information and Communication Technology'
(NCIICT 2017) conducted by the Department of Information Technology
in association with computer society of India, Meenakshi Sundararajan
Engineering college, chennai on 17th March 2017.

Dr.A.Kanimozhi
HOD/IT

Dr.P.K.Suresh
Principal

Dr.K.S.Babai
Secretary

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

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MEENA KSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, ZODAMBAKKAM
CHENNAI-600 026

UTILITY FORUMS PVT. LTD. / CTS - 2016



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

GUEST LECTURE

CHIEF GUEST: DR. S.MANI
EXECUTIVE DIRECTOR R&D, BIMETAL BEARINGS LTD.

On

3RD JULY 2017 at 02:30Pm at
CAD LAB MECHANICAL BLOCK

In the august presence of

Dr. K S BABAI
SECRETARY


Dr. Suresh P K
Principal


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

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

E-CUBE SCHEDULE 2018

DATE	IV YEAR	III YEAR	II YEAR
01/08/2018	<p><u>Paper Presentation</u> Judge 1: Mr. S Lakshmi Narasimhan, Manager –QA, Sundaram Brake linings Ltd., (TVS) Chennai. Venue: Mech – CAD Lab Time: 09:30 am to 12:30 pm</p> <p>Judge 2: Mr. C A Badri Narayanan, GM, Micropixol, Chennai (Former GM Engg.) Venue: Mech - First Floor F1 Time: 09:30 am to 03:00 pm</p> <p>Staff In-Charge: M.Vadivel + V.Arul + P.Jayaganesh</p>	<p><u>Paper Presentation</u> Judge: Mr. V Senthil Kumar, Director & Chief Consultant, Value Foundation Academy. Venue: Mech – Seminar Hall Time: 09:30 am to 04:30 pm</p> <p>Staff In-Charge : K.Iyyanar + K.Sridhar + R.Shanmugam</p>	
02/08/2018	<p><u>Mock Interview (FN)</u> Panel 1: Ms. Padmashree, CEO, GateWay HR Solutions & Services, Chennai. Venue: Mech - First Floor F1 and Dean Room Time: 09:00 to 12:30</p> <p>Panel 2: Dr. H Sankaran, MSSM (Former Head HR, Sundaram Brake linings Ltd., -TVS) Venue: Mech - First Floor F1 Time: 09:00 to 12:30</p> <p>Staff In-Charge : M.Vadivel + V.Arul + P.Jayaganesh</p>	<p><u>Project Planning</u> Judge: Mr. S Ravi, Manager Operations, Honeywell India Ltd., Chennai. Venue: Mech - CAD Lab Time: 09:30 am to 04:30 pm</p> <p>Staff In-Charge : K.Iyyanar + K.Sridhar + R.Shanmugam</p> <p style="text-align: center;"> PRINCIPAL MEENAKSHI SUNDARARAJAN ENGINEERING COL 363, ARCOT ROAD, KODAMBAKKAM, CHENNAI-600 824</p>	<p><u>Paper Presentation</u> Judge: Mr. E Dhilp Kumar, Sr. Executive – Quality Assurance Honeywell India Ltd., Chennai. Venue: Mech-Seminar Hall Time: 09:30 am to 04:30 pm</p> <p>Staff In-Charge: K T Ansari + V Meganathan</p>
03/08/2018	<p><u>Project Planning</u> Judge: Dr. Sasikumar, UNOM Venue: Mech - First Floor F1 Time: 09:30 am to 04:30 pm</p> <p><u>Mock Interview</u> Panel 1: Mr. J Srinivasan Head HR, TVS Group. Venue: Dean Room Time: 09:30 am to 12:30 pm</p> <p>Staff In-Charge : M.Vadivel + V.Arul + P.Jayaganesh</p>	<p><u>Mock Interview</u> Panel 1: Mr. K Sundar, Head HR, Toshiba, Chennai. Venue: Mech – Seminar Hall Time: 09:30 am to 03:00 pm</p> <p>Panel 2: Mr. Sri Vallaban, Head HR, BASF Catalyst Ltd.(US Collaboration) Venue: Mechatronics Lab Time: 09:30 am to 03:00 pm</p> <p>Staff In-Charge : K.Iyyanar + K.Sridhar + R.Shanmugam</p>	<p><u>Paper Presentation</u> Judge: Mr. V Senthil Kumar, Director and Chief Consultant, Value Foundation Academy Venue: CAD LAB Time: 09:30 am to 03:00 pm</p> <p>Staff In-Charge: K T Ansari + V Meganathan</p>


12

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
KODAMBAKKAM, CHENNAI - 600024



*The Management, Principal, Staff and students of
Department of Mechanical Engineering*

CORDIALLY INVITE YOU FOR THE



ENRICHMENT

ENHANCEMENT

EMPOWERMENT

on 08th, 09th and 10th July 2019

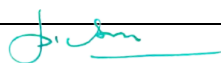
Time: 09:00 am to 04:30 pm

Venue: Mechanical Block

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

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
E-CUBE SCHEDULE-2019

S.NO	Date	EVENT	VENUE	CLASS	Faculty Incharge	Resource Person	Faculty Signature
1	10/07/2019	Paper Presentation	CAD LAB	II Mech	Mr. M Vadivel Mr. V Arul Mr. D Srinivasan	Morning Session: Gnanakaran, GM, SAF	
	Afternoon Session: K Sundararaman, Divisional Manager, Wheels India.						
	08/07/2019		CAD LAB	III Mech	Mr. K T Ansari Mr. V Meganathan Mr. P Jayaganesh	Morning Session: Baskar, Deputy GM, Tool Design, Wheels India. Afternoon Session : M.Natarajan, Addison & Co Ltd.	
09/07/2019	CAD LAB	IV Mech	Mr. K Iyyanar Mr. K Sridhar Mr. R Shanmugam	Morning Session: TAB Barathi, VP, Wheels India Afternoon: Sam Jabeez, GM, Wheels India.			
2	10/07/2019	Mock Interview	SEM HALL	IV Mech	Mr. K Iyyanar Mr. K Sridhar Mr. V Arul Mr. M R Seshadri	Morning & Afternoon: Panel 1: Senthil Kumar, CEO, Value Foundation Panel 2: Senthil Kumar, CEO, Value Foundation (Representative)	
3	10/07/2019	Mock Interview	F1& HOD ROOM	III Mech	Mr. K T Ansari Mr. V Meganathan Ms. A Toral	Morning & Afternoon: Panel 1: Palani, GM, Flextronics Panel 2: Senthil Kumar, CEO, Value Foundation (Representative)	
4	08/07/2019	Project Planning Presentation	F3	IV Mech	Mr. K Iyyanar Mr. Santhanakrishnan Mr. K Sridhar	Morning & Afternoon: D.Daniel, GM, Quality System, Brakes India	
5	09/07/2019	Mini Project	F3	III Mech	Mr. K T Ansari Mr. P Jayaganesh Mr. V Meganathan	Morning Session R.Srinivasan, Manager, Quality System, Brakes India Afternoon Session : C.Rajkumar, Echeveria Educations Pvt. Ltd.	



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

HOD

SECRETARY



861/862, ANNA SALAI, CHENNAI-600 002.

TELEPHONE: 2858 4918 FAX: 2851 4446 CIN : U65991TN1925PLC002345 GSTIN NO: 33AAACS4909FIZN

Ref: PD:45:18

11.04.2018

CERTIFICATE

This is to certify that **Mr.PRANIL PURUSHOTHAM M,**
(REG No.311514114033) BE (Mech.Engg) student of **Meenakshi**
Sundararajan Engineering College, Chennai, has successfully done his
Project on "**DESIGN AND ANALYSIS OF FIXTURES FOR WELCH**
PLUG PRESSING MECHANISM" at **Simpson & Co.Ltd., Chennai-2** from
02.01.2018 to 31.03.2018.

We appreciate his keen interest and the efforts taken to do this
Project.

For **SIMPSON & CO LTD**


Divisional Manager (PR&HR)



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



ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "TO DESIGN A BENDING FIXTURE FOR MAIN LEAD AND TO PROVIDE A SEMI-AUTOMATIC CONCEPT" is the bonafide work of "AJITH.T (311513114004), SURESH.S (311513114051) and VIJAYA KUMAR.J (311513114056)" who carried out the project work under my supervision.

SIGNATURE

[Signature]
Dr. V.S.RAGHUNATHAN B.E., Ph.D.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING
MEENAKSHI
SUNDARARAJAN
ENGINEERING COLLEGE
No.363, Arcot Road, Kodambakkam,
Kodambakkam,
Chennai - 24

SIGNATURE

[Signature]
Mr. V. ARUL M.E
ASSISTANT PROFESSOR
MECHANICAL ENGINEERING
MEENAKSHI
SUNDARARAJAN
ENGINEERING COLLEGE
No.363, Arcot Road,
Chennai- 24

SUBMITTED FOR THE EXAMINATION HELD ON 10:04:17

[Signature]
EXTERNAL EXAMINER



[Signature]
PRINCIPAL

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

[Signature]
INTERNAL EXAMINER



Easun - MR
Tap Changers (P) Ltd.

Address : 612 C.T.H. Road, Thiruninravur,
Chennai 602 024, INDIA
C I N : U36999TN1995PTC033210
Phone : + 91-44-2639 0863
Fax : + 91-44-2639 0881
E-Mail : info@easunmr.com
Website : www.easunmr.com



04/04/2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. AJITH.T** (Registration no.311513114004) studying final year mechanical engineering in Meenakshi Sundararajan Engineering College , Kodambakkam, Chennai – 600 024 has undergone project work on

**DESIGN A BENDING FIXTURE FOR MAIN LEAD AND TO PROVIDE
A SEMI-AUTOMATIC CONCEPT**

In our company from 10.01.2017 to 30.03.2017

During this project period his conduct was good and shown great interest in learning the new things.

We wish him great success in his future endeavours.

For Easun MR Tap Changers (P) Ltd

K. Gurushankar
Head - Production



PRINCIPAL
MEENAKSHI SUNDARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM
CHENNAI-600 024



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Fax : + 91-44-2639 0881
E-Mail : info@easunmr.com
Website : www.easunmr.com



04/04/2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SURESH.S** (Registration no. 311513114051) studying final year mechanical engineering in Meenakshi Sundararajan Engineering College , Kodambakkam, Chennai – 600 024 has undergone project work on

DESIGN A BENDING FIXTURE FOR MAIN LEAD AND TO PROVIDE A SEMI-AUTOMATIC CONCEPT

In our company from 10.01.2017 to 30.03.2017

During this project period his conduct was good and shown great interest in learning the new things

We wish him great success in his future endeavours

For Easun MR Tap Changers (P) Ltd

K. Gurushankar
Head - Production



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363, ARCOT ROAD, KODAMBAKKAM
CHENNAI-600 024



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Tap Changers (P) Ltd.

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E-Mail : info@easunmr.com
Website : www.easunmr.com



04/04/2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. VIJAYA KUMAR.J** (Registration no. 311513114056) studying final year mechanical engineering in Meenakshi Sundararajan Engineering College , Kodambakkam, Chennai – 600 024 has undergone project work on


DESIGN A BENDING FIXTURE FOR MAIN LEAD AND TO PROVIDE A SEMI-AUTOMATIC CONCEPT

In our company from 10.01.2017 to 30.03.2017

During this project period his conduct was good and shown great interest in learning the new things

We wish him great success in his future endeavours

For Easun MR Tap Changers (P) Ltd


K. Gurushankar
Head - Production




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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Managed by I.I.E.T Society)

363, Arcot Road, Kodambakkam, Chennai - 24

Approved by AICTE & Affiliated to Anna University

Dr.K.S. BABAI, B.Sc., B.E., MS FIE MISTE, Ph.D.
SECRETARY

☎ 044-24801636

Fax: 24811103

DATE: 20/07/2019

To

The General Manager,
Easun-MR,
Puducherry - 605107.

Respected Sir,

Subject: Permission to visit for Easun-MR for Industrial Visit.

As you know, our college is among the top ten among 250 colleges in Anna University. (College website is <http://msec.edu.in/>). Last three years our department students are in top ten rank of Anna University. I would like to bring our III-year Mechanical Engineering students of our institution for an industrial visit to **Easun-MR**. It would be interesting and educative for the students. I feel that exposure to the power plant, would provide an excellent and unique opportunity to improve their technical knowledge and widen the range of opportunities available for their career. I feel that having several new and unique technologies that are available at your company would be helpful for them. The total strength of III-year Mechanical Engineering is 62. Two of our Mechanical department faculty will be accompanying them.

We request you to kindly confirm the date for enabling us to make this industrial visit a success.

Thanks and regards,



PRINCIPAL

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE





SECRETARY

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

#363, Arcot Road, Kodambakkam, Chennai – 600024, Tamil Nadu, India

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DEPARTMENT OF MECHANICAL ENGINEERING

Batch 2017-2021

Semester 5

No	Reg No.	Name	No	Reg No.	Name
1	311517114001	Aakash M	25	311517114025	Kishore R
2	311517114002	Aravind V	26	311517114026	Manikandan K
3	311517114003	Aravind A S	27	311517114027	Manikanda Yuvaraj G
4	311517114004	Badri Vishal S	28	311517114028	Mohammed Reynz R
5	311517114005	Balasubramanian M	29	311517114029	Mohan Raj N
6	311517114006	Balavishnu S	30	311517114030	Naresk Kumar A
7	311517114007	Charan Kumar A	31	311517114031	Nishanth M
8	311517114008	Deepak L	32	311517114032	Niveshkumar K
9	311517114009	Deepak Kumar K V	33	311517114034	Pranesh E
10	311517114010	Dikshit Bhatt J	34	311517114035	Praveenkumar S
11	311517114011	Divyesh R	35	311517114037	Priyanka R
12	311517114012	Emmanuel P	36	311517114038	Raghav S
13	311517114013	Gandhi V	37	311517114039	Rahmathullah M
14	311517114014	Ganesh G R	38	311517114040	Rahul A
15	311517114015	Gokul R	39	311517114041	Ramman M
16	311517114016	Gokul Muthu M	40	311517114042	Saai Prasanna M
17	311517114017	Gopinath S	41	311517114043	Sai Prashanth G
18	311517114018	Jagan B	42	311517114044	Sanjay S
19	311517114019	Jagaraj J R	43	311517114045	Sanjay V
20	311517114020	Janani U	44	311517114046	Santhosh S
21	311517114021	Kanulesh V	45	311517114047	Sarath Kumar E
22	311517114022	Kanimozhi P	46	311517114048	Sathishkumar T
23	311517114023	Karthick R	47	311517114049	Sharan A S
24	311517114024	Karthick Vijayarajan G	48	311517114050	Shivarish R

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DEPARTMENT OF MECHANICAL ENGINEERING

Batch 2017-2021

Semester 5

No	Reg No.	Name
49	311517114051	Tharun V
50	311517114052	Theepanraj R
51	311517114053	Udhaya Jeniz H
52	311517114054	Varsha K
53	311517114055	Vasantha Kumar V
54	311517114056	Velmurugan K
55	311517114301	Gokul Raman S
56	311517114302	Karthik G
57	311517114303	Manikandan B
58	311517114304	Mohanakrishnan K
59	311517114305	Mohan Pandiyan
60	311517114306	Ram Prasath K
61	311517114307	Sankar G
62	311517114308	Vasanth Kumar A

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Website : www.msec.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

Topic: Industrial Visit

Date: 08/03/2019

Batch: 2017-2021

Year/Semester: 03/ V

Venue: Easun-MR Tap Changers (P) Ltd, Pondicherry

Field of visit: Transformer and tap changers manufacturing unit

Number of Students: 62

Our students (Batch: 2017-2021) planned an industrial visit to Easun-MR Tap Changers (P) Ltd, Pondicherry. They went to the location on 08/03/2019. It was an extraordinary experience for our students as they were able to witness how the various tap changers were manufactured in the plant. They asked many doubts regarding the process, materials and used in the manufacturing unit. The doubts were clarified by the Engineers of Easun-MR. The IV was a great success.



Picture taken during the "Industrial Visit"


Staff In charge


HOD


Principal

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

INDUSTRIAL VISIT TO EASUN MR TAP CHANGERS

DATE: 03/08/2019

We, the students of III-Year Mechanical Department of Meenakshi Sundararajan Engineering College, visited the EASUN MR TAP CHANGERS located in Pondicherry. We assembled in college by 6:00 am and took a head count. We boarded the bus and started our journey by 6:15 am.

We reached the plant at 10:00 am and entered after completing the verification checks and depositing our valuables. We were warmly received by Mr.S.Ganesan (Head Manager) who showed us a model that gave us an insight into the various facilities and processes that took place in the plant. Tap changers are an integral part of transformers. We were also debriefed regarding the rules and regulations to be followed while visiting the shop floor. Later, the class was split into four groups and was taken to the four major units of the plant i.e. Chemical lab and store department, Machining unit, Testing unit and Inspection and quality room.

The Chemical lab and store department dealt with the storage of raw materials and chemical analysis (i.e.) analysis of its composition and properties are done here. Materials such as PTFE, Viton, Rubber, EPDM (sulphur cured), EPDM (peroxide cured), FRB, Mild steel, aluminium, copper brass etc. are used. Instruments such as Eddy current tester is being used for chemical analysis of raw materials. Then we were taken to the Machining unit where they have CNCs, VMCs, Robotic arm machine, Co-ordinate measuring machine (3 axes) etc. The accuracy of CMM is 4×10^{-4} microns Here the components after machining are labelled and thus to identify easily. Then we were taken to the testing unit where the use vacuum helium Leak test lab, scratch test and final test lab where they are done to check if any pores in the component. In the final test lab Mex-monitor similar to X-ray is done to check the voltage withstand capacity. In the scratch test the outer surface hardness is checked. (Usually the outer surface is coated with silver or powder). Rubber, gasket, ORIN either of these materials are used to seal the components to avoid any leakage. Finally we were taken to the Inspection Room, where they possessed gauges such as go and no-go gauge, bore dial gauge, digital height gauge to verify the dimensions. The room also maintained the 5S Quality. After inspection the good parts are kept in the green zone and reported ready to the customers for purchase and the parts which need re-work is kept in the red zone.

Then we had our lunch at the plant canteen and were instructed to climb aboard the bus and came back to college at 04:30 pm where we dispersed to our houses. The industrial visit was a thoroughly enriching and valuable experience. We would like to thank the staffs who accompanied us - Mr.Meghanathan, Mr. Arul and Santhanakrishnan. We would also like to extend our gratitude to our HOD of the Mechanical Department and the honourable Secretary Madam Dr.K.S.Babai for giving such a great opportunity.

Priyanka R
PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
303, 10/11/19

[Signature]

CIN : U35920TN1874PTC006818
OSTIN : 53AAABC045991EX



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19.02.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.K.Aswin (311516114011) student of B.E(Mechanical Engineering) in MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE has successfully completed his "PROJECT" in our Organisation during the month of January 2020.

We wish him all the best in his future endeavor.

For SUPER AUTO FORGE PRIVATE LTD


Mr. ANITTI
CORP - Human Resources



REGD. OFFICE : TS-82/2, Mettu Street, Ganapathy Nagar, Ekkattuthangal, Chennai - 600 032.
CORP. OFFICE : 3/1A, Nedunkundram Village, Vandalur - Kelambakkam Road,
Kolapakkam, Chennai - 600 327, Phone : 044-4075 3600
E-mail : saf@superautoforge.net Website : www.superautoforge.net

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PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, ZODAMBAKKAM
CHENNAI-600 024

CIN : U35920TN1974PTC008818
GSTIN : 33AABC5045981EX



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19.02.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.K.Kamesh (311516114027) student of B.E(Mechanical Engineering) in MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE has successfully completed his "PROJECT" in our Organisation during the month of January 2020.

We wish him all the best in his future endeavor.

For SUPER AUTO FORGE PRIVATE LTD


Ms. ANITTI
CORP - Human Resources



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CORP. OFFICE : 3/1A, Nedunkundram Village, Vandalur - Kelambakkam Road,
Kolapakkam, Chennai - 600 127, Phone : 044-4075 3600
E-mail : saf@superautoforge.net Website : www.superautoforge.net

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CHENNAI-600 024

CIN : U38920TN1974PTC006818
GSTIN : 33AAAC90489B1ZX



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19.02.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.P.KishorKumar (311516114029) student of B.E.(Mechanical Engineering) in MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE has successfully completed his "PROJECT" in our Organisation during the month of January 2020.

We wish him all the best in his future endeavor.

For SUPER AUTO FORGE PRIVATE LTD

Ms. ANITTI
CORP - Human Resources



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CHENNAI-600 024



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Specialists in : COLD FORGED PRECISION COMPONENTS

11.12.2018

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Mr. DIKSHIT BHATTJ (Reg No:311517114010) student of B.E. (Mechanical Engineering) in MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE has successfully completed his "INPLANT TRAINING" in our Organisation from 01.12.2018 to 08.12.2018.

We wish him all the best in his future endeavor.

For SUPER AUTO FORGE PRIVATE LTD


S. ANITTI

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RvA C071



ORSA 18001:2007
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MGMT. SYS
RvA C071



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11.12.2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.GANDESH(Reg No:JH517114013) holder of B.E.
(Mechanical Engineering) in MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE has successfully completed his "INPLANT
TRAINING" in our Organisation from 01.12.2018 to 08.12.2018.

We wish him all the best in his future endeavor.

For SUPER AUTO FORGE PRIVATE LTD


S.ANITHI

HUMAN RESOURCES


353, ALANKANNAR STREET, CHENNAI-600 014



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MEMBER
RYAACC



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MEMBER
RYAACC



SHYAMALA ASSOCIATES

Structural Consultant & Govt. Registered Valuer

11, 8th Avenue

Ashok Nagar, Chennai - 83

Ph: 9841097110, 26402232,

Web: www.shyamalaassociates.com

Email : shyamalaassociates@yahoo.com

Date: 08/06/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. RADHAKRISHNAN.J pursuing 1st year Bachelors of Civil Engineering in Meenakshi Sundararajan Engineering College, Chennai, has Successfully completed Internship in our company from 27.05.2019 to 08.06.2019.

During his/her training he has performed his duties to the best of his/her abilities and satisfaction of all concerned. His/her exposure in this area is found to be good and very productive not only to him/her learning but also to us.

We wish him/her all success in his/her career.

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL.
363, ARCOT ROAD, KODAMBALUR
CHENNAI-600 024

PROPRIETOR

SHYAMALA ASSOCIATES

SHYAMALA ASSOCIATES
Structural Consultant
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Ph: 9841097110, 044-24890236
Email : shyamalaassociates@yahoo.com



SHYAMALA ASSOCIATES

Structural Consultant & Govt. Registered Valuer

11, 8th Avenue

Ashok Nagar, Chennai - 83

Ph: 9841097110, 26402232,

Web: www.shyamalaassociates.com

Email: shyamalaassociates@yahoo.com

Date: 08/06/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. KARTHIK.K pursuing 1st year Bachelors of Civil Engineering in Meenakshi Sundararajan Engineering College, Chennai, has Successfully completed Internship in our company from 27.05.2019 to 08.06.2019.

During his/her training he has performed his duties to the best of his/her abilities and satisfaction of all concerned. His/her exposure in this area is found to be good and very productive not only to him/her learning but also to us.

We wish him/her all success in his/her career.

PROPRIETOR

SHYAMALA ASSOCIATES

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Web: www.shyamalaassociates.com

Email: shyamalaassociates@yahoo.com

Date: 08/06/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. VARSHA.R pursuing 1st year Bachelors of Civil Engineering in Meenakshi Sundararajan Engineering College, Chennai, has Successfully completed Internship in our company from 27.05.2019 to 08.06.2019.

During his/her training he has performed his duties to the best of his/her abilities and satisfaction of all concerned. His/her exposure in this area is found to be good and very productive not only to him/her learning but also to us.

We wish him/her all success in his/her career.

PROPRIETOR

SHYAMALA ASSOCIATES

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363, ARCOT ROAD, ZODAMBULLETA
CHENNAI-600 024

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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Department Of Mechanical Engineering

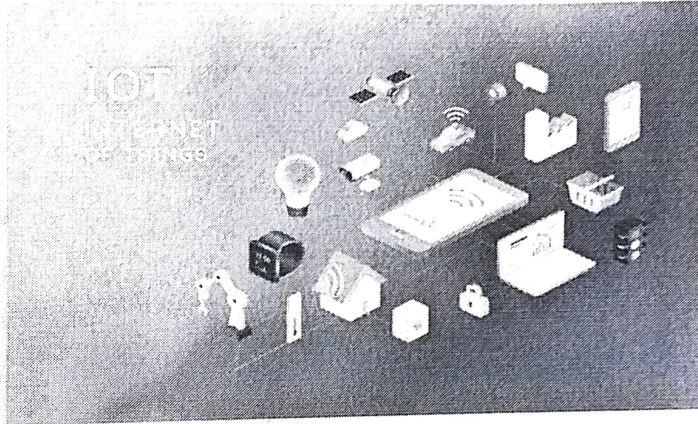
cordially invites you to the

GUEST LECTURE ON INTERNET OF THINGS

on 24th JANUARY 2018 at 9:30 am at SEMINAR HALL – CIVIL BLOCK

in an august presence of

DR. K. S. BABAI
SECRETARY



MR. K. DINESH KUMAR

Assistant Manager, Sales, Micromatic Machine Tools Pvt Ltd.
Will be the resource person

Dr. Suresh P

Principal, Felicitates

Dr. K Balasubramanian

Head of the Department, Mechanical
Welcomes the gathering

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Department of Mechanical Engineering

International webinar

Topic: Science and Mechanical engineering application of super hydrophobic surfaces

Inaugurated on 23th July 2020

Chief Guest: Dr. Yu Kok Hwa, Lecturer, SCHOOL OF MECHANICAL ENGINEERING,
UNIVERSITI SAINS MALAYSIA (USM)

One of the key objectives of Science and Mechanical engineering application of super hydrophobic surfaces is to provide knowledge for students to improve Material Characterization and Thermal Testing. The session is held on 23th July 2020 and the chief guest for this event are Dr. Yu Kok Hwa. The entire session was energetic and our students learn a lot of knowledge about application of super hydrophobic surfaces. Students are made to realise their focus on areas in application of super hydrophobic surfaces.

Link: <https://drive.google.com/file/d/1CYvkOAZhG-gMNHZFTPqmlz36CJhnDjN/view?usp=sharing>

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HOD

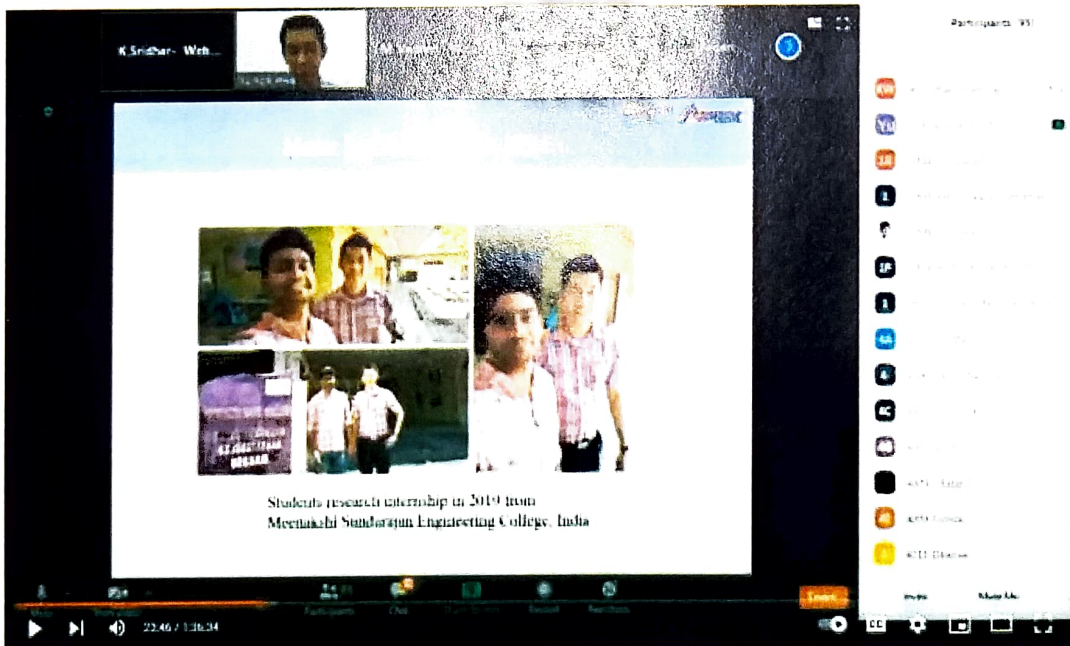
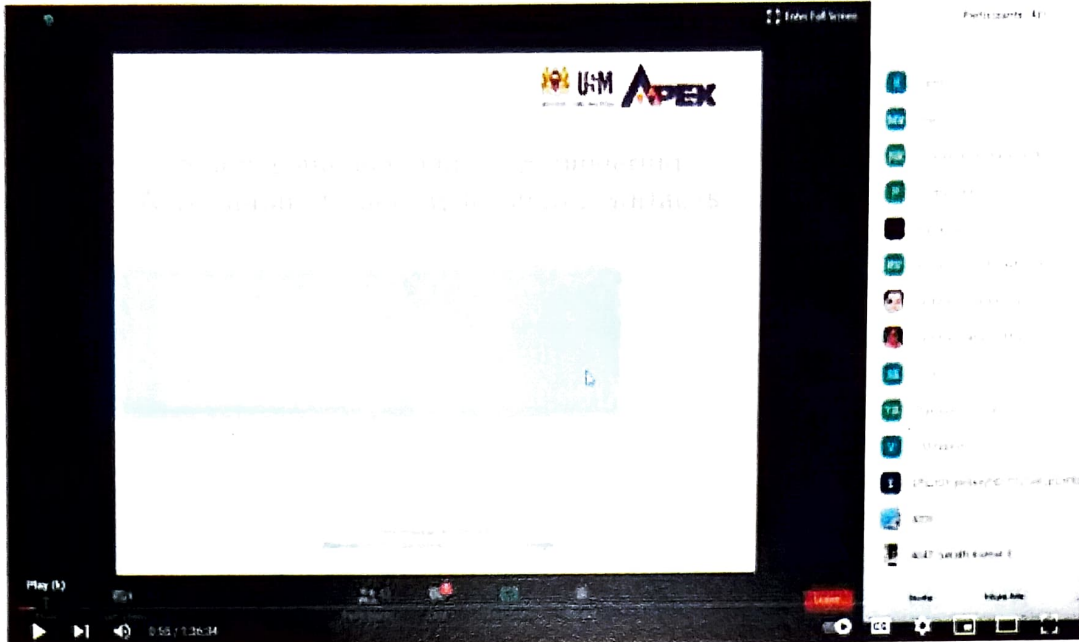
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Department of Mechanical Engineering



HoD 


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363, ARCO **Principal** KODAMBARKAM,
CHENNAI-600 024



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email Id: principal@msec.edu.in

Website : www.msec.edu.in

Department of Mechanical Engineering

2. Flow Phenomena in Pipes and Tubes - Part II

ii) Entrance flows with Newtonian Fluids

1. The time for velocity distribution along pipe axis is called as the hydrodynamic entry length.

2. The distance with the hydrodynamic entry length is called as the hydrodynamic entrance length.

Entrance length is calculated based on the distance required for the flow to reach 99% of the fully developed value.

HoB

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CEDEC
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Certificate of Accomplishment

This certificate is awarded to

Aravind Ganesen

For completing the 7-week internship program under
Collaborative Microelectronic Design Excellence Center, Universiti Sains Malaysia.

Prof. Dr. Mohd Fadzil Bin Ain
Director
CEDEC, USM

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363, ARCOT ROAD, KODAMBAKKAM,
CHEMNAI-600 024

FACULTY OF ENGINEERING

1 April 2016

To Whom It May Concern

COMPLETION OF INTERNSHIP

Kindly be informed that the following student has successfully completed his/her internship in the Faculty of Engineering, Multimedia University, Malaysia.

Name : Deepak C. C. S.
Student ID : 311512106022
College Name : Meenakshi Sundararajan Engineering College

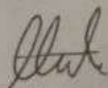
Details of his/her internship are as follows:

Project : Android-based C programming learning application
Supervisor : Mr. Yap Wen Jiun
Duration : 4 March 2016 – 1 April 2016

Should you need further clarification, please do not hesitate to contact me.

Thank you.

Yours sincerely,



Dr. Vik Tor Goh
Deputy Dean
Faculty of Engineering
Multimedia University
Tel: +603-8312 5380
Email: vtgoh@mmu.edu.my

DR. GOH VIK TOR
Deputy Dean
Faculty of Engineering
Multimedia University
Persiaran Multimedia, 63100 Cyberjaya
Selangor Darul Ehsan, Malaysia



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Sundaram Motors

P B No. 713
180, Anna Road,
Chennai - 600 006.
Phone : 2857 9300

15.06.2018

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Shri. S.M. Aravindh (311515114007) B.E. Mechanical Engineering IIIrd year student of Meenakshi Sundararajan Engineering College, has successfully completed his Inplant training in our Automobile workshop. During his training period from 14th May 2018 to 26th May 2018, we found him to be very enthusiastic and showed keen interest. We also found him to be sincere and honest.

We wish him and all the best in his future endeavours.

For Sundaram Motors

Senior General Manager –Corporate HR

A Division of T V Sundram Iyengar & Sons Private Limited
Registered Office: 7B, West Veli Street, Post Box No. 21, Madurai - 625 001. CIN : U34101TN1929PTC002973


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363, ANNA ROAD, KODUMBAKKAM,
CHENNAI-600 024



Sundaram Motors

P B No. 713
180, Anna Road,
Chennai - 600 006.
Phone : 2857 9300

2.1.2

15.06.2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Shri. G. Jagadeesh (311515114015) B.E. Mechanical Engineering IIIrd** year student of **Meenakshi Sundararajan Engineering College**, has successfully completed his **Inplant training** in our Automobile workshop. During his training period from **14th May 2018 to 26th May 2018**, we found him to be very enthusiastic and showed keen interest. We also found him to be sincere and honest.

We wish him and all the best in his future endeavours.

For Sundaram Motors


Senior General Manager –Corporate HR


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

A Division of T V Sundram Iyengar & Sons Private Limited
Registered Office. 7B, West Veli Street, Post Box No. 21, Madurai - 625 001. CIN : U34101TN1929PTC002973



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Chennai - 600 006.
Phone : 2857 9300

15.06.2018

2-1-3

TO WHOMSOEVER IT MAY CONCERN


This is to certify that **Shri.Jawahar Raja (311515114017) B.E. Mechanical Engineering IIIrd** year student of **Meenakshi Sundararajan Engineering College** , has successfully completed his **Inplant training** in our Automobile workshop. During his training period from **14th May 2018 to 21st May 2018**, we found him to be very enthusiastic and showed keen interest. We also found him to be sincere and honest.

We wish him and all the best in his future endeavours.

For Sundaram Motors


Senior General Manager –Corporate HR

A Division of T V Sundram Iyengar & Sons Private Limited
Registered Office, 7B, West Veli Street, Post Box No. 21, Madurai - 625 001. CIN : U34101TN1929PTC002973


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CHENNAI - 600 024



Sundaram Motors

P B No. 713
180, Anna Road,
Chennai - 600 006.
Phone : 2857 9300

15.06.2018

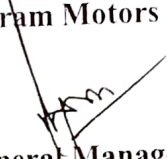
2-1-4

TO WHOMSOEVER IT MAY CONCERN


This is to certify that **Shri. M C Kannan (311515114021) B.E. Mechanical Engineering IIIrd** year student of **Meenakshi Sundararajan Engineering College**, has successfully completed his **Inplant training** in our Automobile workshop. During his training period from **14th May 2018 to 26th May 2018**, we found him to be very enthusiastic and showed keen interest. We also found him to be sincere and honest.

We wish him and all the best in his future endeavours.

For Sundaram Motors


Senior General Manager –Corporate HR

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Registered Office. 7B, West Veli Street, Post Box No. 21, Madurai - 625 001. CIN : U34101TN1929PTC002973


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CHENNAI-600 024



Sundaram Motors

P B No. 713
180, Anna Road,
Chennai - 600 006.
Phone : 2857 9300

15.06.2018

2.1.5

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Shri.A.Maheswaran (311515114028) B.E. Mechanical Engineering IIIrd** year student of **Meenakshi Sundararajan Engineering College**, has successfully completed his **Inplant training** in our Automobile workshop. During his training period from **14th May 2018 to 26th May 2018**, we found him to be very enthusiastic and showed keen interest. We also found him to be sincere and honest.

We wish him and all the best in his future endeavours.

For Sundaram Motors

Senior General Manager –Corporate HR

A Division of T V Sundram Iyengar & Sons Private Limited
Registered Office. 7B, West Veli Street, Post Box No. 21, Madurai - 625 001. CIN : U34101TN1929PTC002973

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CHENNAI-600 024

Vadivel shakthi <vadivelshakthi@gmail.com>

TVS Motor Hosur - Industrial visit request - Meenakshi Sundararajan Engg college, Kodambakkam, Chennai

Industrial Visit (HRD/Hosur/TVSMotor) <Industrial.Visit@tvsmotor.com>
To: Vadivel shakthi <vadivelshakthi@gmail.com>
Cc: "N Gunashekar (ERM/Hosur/TVSMotor)" <N.Gunashekar@tvsmotor.com>

Wed, Oct 3, 2018 at 11:46 AM

Dear Sir,

Greetings..

With reference to the trailing mail, industrial visit to TVS Motor Company, Hosur has been *postponed from October 6th, 2018 to October 8th, 2018*.

Guidelines and timings for the visit are the same as sent in previous mail.

Thanks & Regards,

Sai Kumar G

Industrial Visit Coordinator

Ph: +91 (4344) 276780, Extn: 3613

TVS Motor Company Ltd.

Hosur - 635109.



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

From: Vadivel shakthi [mailto:vadivelshakthi@gmail.com]

Sent: Monday, October 1, 2018 5:00 PM

To: Industrial Visit (HRD/Hosur/TVSMotor); KS Ravichandran (ERM/Hosur/TVSMotor); N Gunashekar (ERM/Hosur/TVSMotor); Team HR (HRD/Hosur/TVSMotor)

Subject: TVS Motor Hosur - Industrial visit request - Meenakshi Sundararajan Engg college, Kodambakkam, Chennai

[Quoted text hidden]

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

#363, Arcot Road, Kodambakkam, Chennai – 600024, Tamil Nadu, India
Approved by AICTE and Affiliated to Anna University

DEPARTMENT OF MECHANICAL ENGINEERING

Batch 2015-2019

Semester VII

No	Reg No.	Name	No	Reg No.	Name
1	311515114001	Abinaya.L	25	311515114026	Lalithraj.D
2	311515114002	Adithya Venkatesh	26	311515114027	Lohes Kumar JG
3	311515114003	Amrish.M.S	27	311515114028	Maheswaran.A
4	311515114004	Anerudh.V	28	311515114029	Manikandan.B
5	311515114005	Apostle.D	29	311515114030	Mohan.S.N
6	311515114006	Aravinda Subramanian.G	30	311515114031	Nagarogith N
7	311515114007	Aravindh.S.M	31	311515114032	Naveen Kumar.S
8	311515114008	Aravinsarajan s=S	32	311515114033	Neil Neero.A
9	311515114009	Balaganesh.M	33	311515114034	Niranjhani Sri.M
10	311515114010	Chaithanya Raam.V	34	311515114035	Nirmal Kumar.T
11	311515114011	Dinesh N	35	311515114036	Prakash.S
12	311515114012	Dinesh.V	36	311515114037	Pranav Kanna P
13	311515114013	Harish Balaji.S	37	311515114038	Purusothaman.S
14	311515114014	Igneshwaran.A.R	38	311515114039	Raghavendra Kumar R
15	311515114015	Jagadeesh.G	39	311515114040	Rahul.R
16	311515114016	Janakiraman	40	311515114041	Rahul.S
17	311515114017	Jawahar Raja.G	41	311515114042	Raj Mohan.R
18	311515114018	Jeshurun Paul.S	42	311515114043	Ram Prasanth.P
19	311515114020	Kailash Krishnamurthy	43	311515114044	Ramachandran.M
20	311515114021	Kannan.M.C	44	311515114045	Ramesh.M
21	311515114022	Karthik.T.S	45	311515114046	Ranjith.M
22	311515114023	Karthikeyan A	46	311515114047	Ratna Venkatesh.
23	311515114024	Kiran Kumar.S	47	311515114048	Ravi Sankar.Ve
24	311515114025	Kshitij.S	48	311515114049	Ritesh.R

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#363, Arcot Road, Kodambakkam, Chennai – 600024, Tamil Nadu, India

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DEPARTMENT OF MECHANICAL ENGINEERING

Batch 2015-2019

Semester VII

No	Reg No.	Name
49	311515114050	Sachithanandham.S
50	311515114051	Sakthivel.P
51	311515114052	Senthamizh Selvan.T
52	311515114053	Shravanth Bharadwaj C
53	311515114054	Shrinidhi.T.E
54	311515114055	Sivaram.G
55	311515114056	Somanathan.J
56	311515114057	Veeraganesh.B.S
57	311515114058	Venkatesan K
58	311515114059	Venkatesh.M
59	311515114060	Vishnu.R
60	311515114301	Akash Raj D
61	311515114302	Bargava Srinivas L
62	311515114303	Bhalaji G.R
63	311515114304	Dilip K
64	311515114305	Karthie P.M
65	311515114306	Lokesh S
66	311515114307	Nithiyandham S.N
67	311515114308	Rajkumar M
68	311515114309	Ramtilak R
69	311515114310	Sathiya Govarthanan K
70	311515114311	Vijayakumar D
71	311515114701	Vikranthbalaji V

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CHENNAI-600 024



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

Topic: Industrial Visit

Date: 08/10/2018

Batch: 2015-2019

Year/Semester: 4/VII

Venue: TVS Motors, Hosur

Field of visit: Two wheel assembly unit

Number of Students: 71

Our students (Batch: 2015-2019) planned an industrial visit to TVS, Hosur. They went to the location on 08/10/2018. It was an extraordinary experience for our students as they were able to witness how commercial vehicles were manufactured in a plant. They asked many doubts regarding the process, materials and mechanisms used in the assembly unit. The doubts were clarified by the team of TVS. The IV was a great success.



Picture taken during the "Industrial Visit"

Staff In charge

HOD

Principal

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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI - 600 024



Invigorating Dreams

Date: 29/03/2021

TO WHOM IT MAY CONCERN

This is to certify that **D Dhanu Shree**, studying final year B.E. Electronics and Communication Engineering in Meenakshi Sundararajan Engineering College, has successfully completed the project "**Deep Unified Model for Intrusion Detection based on Convolution Neural Network**" in our firm from **29th December 2020 to 29th March 2021**.

During the training period she was found hardworking and sincere with a self-motivated attitude to learn new things. She has understood the concept and successfully completed the project on time. During this term her skill and behavior was Good.

We wish her all the best to achieve great heights.

Kishore Kumaran

Director - Missile Ingeniator

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CHENNAI-600 024

Date: 14/03/2021

CERTIFICATE FOR INTERNSHIP

This is to certify that **Priyadharshini S**, studying third year B.E. Electronics and Communication Engineering in Meenakshi Sundararajan Engineering College, has successfully completed the Frontend Web Development internship in our firm from **18th February 2021 to 09th March 2021** for the duration of 20 days.

During the internship she demonstrated good design & basic frontend development skills with a self-motivated attitude to learn new things. She has understood the concept and successfully completed the internship project on time. During this term her skill and behavior was Good.

We wish her all the best to achieve great heights.

A handwritten signature in blue ink, appearing to be 'J. S.', with a horizontal line underneath.

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CHENNAI-600 624

A handwritten signature in blue ink, appearing to be 'K. Kishore', with a horizontal line underneath.

Kishore Kumaran
Director - Missile Ingeniator



Date: 27.12.2018

Talk by: Mr.Kishore Kumaran,

Missile Ingeniator

Entrepreneurs are a very important cog in the machinery of a country's economy. This is why developing budding Entrepreneurs is an important function. Our College E- Cell has tried to give the students the best possible motivation by addressing students with speakers who have accomplished in their respective fields. On 27th December 2018, the students were addressed by Mr.Kishore Kumaran, an Alumni of our college who has become an entrepreneur and has his own start up "Missile Ingeniator". He spoke about the different business plans and strategies that should be followed to become an entrepreneur and how to achieve them. He also spoke about how to define our vision, objectives that should be followed, to create a simple action plan, how to finance the start up. Hoping that the entrepreneurship development programme equipped students with the required skills and knowledge needed for starting and running the enterprise.



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

Virtual workshop

Topic: “IPR AND PATENT PROCESSING”

Inaugurated: 23th March 2021

Chief Guest :Dr. V Gayatri, IIC Innovation Ambassador, Rajalakshmi Engineering College, Chennai

A patent is an exclusive right granted for an invention, which is a product or a process that provides, in general, a new way of doing something, or offers a new technical solution to a problem. To get a patent, technical information about the invention must be disclosed to the public in a patent application. The objective of this workshop is to provide knowledge for students to IPR AND PATENT PROCESSING .The session is held on 23th march 2021 and the chief guest for this event Dr. V Gayatri. Our students gained a lot of knowledge about Intellectual property rights from this session. The Session was electric and interactive as many students got their doubts cleared by the chief guest. This session made the students to realize the importance of IPR and Patents.

HOD

J. S. S.

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CHENNAI-600 024
Principal



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email Id: principal@msec.edu.in
Website : www.msec.edu.in

Department of Mechanical Engineering

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363 Arcot Road Kodambakkam Chennai-24
Approved by AICTE, Accredited by NBA for programs applied and affiliated to Anna University

Institution's Innovation Council
Organising
Webinar
Titled
"IPR AND PATENT PROCESSING "

SPEAKER:
Dr V Gayathri
IIC Innovation Ambassador
Rajalakshmi Engineering College
Thandalam Chennai
23-3-21
10.00am to 12.00 noon



Dr.K.S.BABAI
SECRETARY

Mr.N.SREEKANTH
IIC PRESIDENT

Dr.K.UMARANI
DEAN ACADEMICS

Dr.P.K.SURESH
PRINCIPAL

HoD

PRINCIPAL

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

WABCO

Mobilizing Vehicle Intelligence

WABCO INDIA LIMITED

Plant I, Plot No. 3, (SP),
III Main Road, Ambattur Industrial Estate,
Chennai - 600 058, India.
www.wabco-auto.com
Phone : +91-44-30902600 / 42242000
Fax : +91-44-30902609 / 42242009

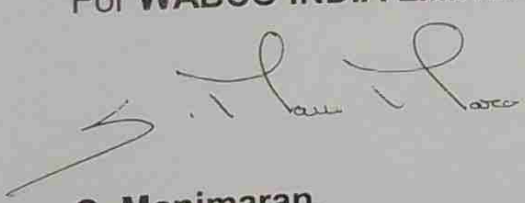
Dated : 13.06.2019


Training Certificate

2-1-106

Name : K MOHANAKRISHNAN
Designation : Internship Trainee
Department : Manufacturing & Logistics
From : 03.06.2019
To : 13.06.2019
Reason for leaving : Completion of training

For **WABCO INDIA LIMITED**


S. Manimaran,
General Manager - ER.


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CHENNAI-600 024



REPORT ON ONE DAY SEMINAR

ON

ENTREPRENEURSHIP

While the definition of entrepreneurship has stayed constant for decades, the possibilities for wannabe entrepreneurs have definitely evolved. A one day seminar on “Development on entrepreneur skills” was organized at the seminar hall on **8th January, 2020** at Meenakshi Sundararajan Engineering College. The speaker of the occasion introduced by R.Santhoshi of ECE ‘B’ IIIrd year. The seminar was delivered by **Mr.Vivek Kopparthi** who is the **co-founder and CEO of NeoLight**, and an alumni of our college. He was welcomed with a bouquet by Kavinder of ECE ‘A’ IIIrd year. It was attended by the students of year II and III from all the departments.

Mr.Kopparthi did his schooling in DAV and completed his bachelorette in Electronics and Communication at Meenakshi Sundararajan Engineering College, Chennai in the year 2011.Later he worked at Dell as a Network Dev Assoc Engineer for 2 years and then moved to Arizona State University in 2013 for his Masters in Management. Following the steps of his inspiration Elon Musk, he co-founded the start-up company Neolight a babytech company that delivers smart, integrated, family-friendly products that empower parents to confidently care for their newborns along with his friend and co-founder, Mr.Sivakumar. He was listed on the 30 under 30 list in the healthcare category of Forbes in the year 2017.

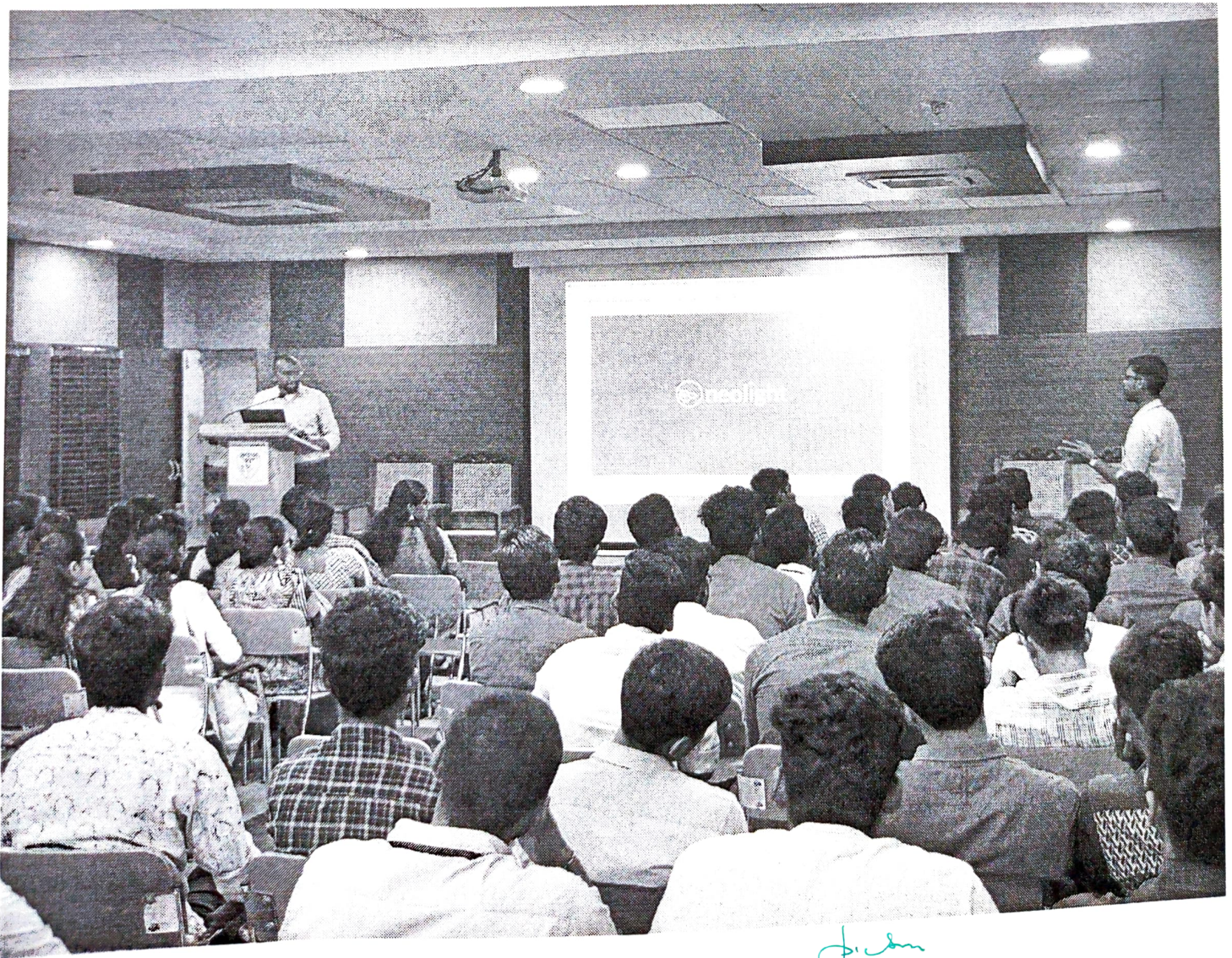
Initially he briefed the students about his company and Skylife, the product he developed. Skylife delivers a narrow band of high-intensity blue light to provide efficient treatment for neonatal hyperbilirubinemia, commonly known as Jaundice.It is designed to be used within most neonatal enclosures, including bassinets, incubators and radiant warmers for babies of all severities of Jaundice.

A Q&A session was followed in which Kopparthi opened up more about entrepreneur skills and enlightened the students. He talked on how one should not be afraid of failures as they serve as lessons for life. He reminisced about his experience as a symposium co-ordinator which served as the foundation for his leadership and fundraising skills. He believes that an engineer by default must be a problem solver. Many questions about forming and managing a start-up company was raised by the students. He also expressed that mentors play an important role in a budding entrepreneur's life. He quoted Ratan Tata (“If you want to walk fast, walk alone. If you want to walk far, walk together”) to

assert the success of a project. During his burnout's his hunger to accomplish his goals and the support from his family, friends and mentors kept him anchored. He displayed his résumé which listed all of his accomplishments over the years. His only regret is that he could have reached this height in a shorter period of time and advices the students to utilize their time wisely and to hustle harder.

The seminar concluded with Mr.Kopparthi being presented with a memento by Prof.Balasubramaniam. The vote of thanks was delivered by Sagaya Agnes Rayan.T of ECE 'B' IIIrd year.

The seminar served to be a very enlightening and enriching experience for the students and it motivated their entrepreneurship to achieve their goals.



J. S.



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Managed by I.I.E.T Society)

363, Arcot Road, Kodambakkam, Chennai – 24

Approved by AICTE & Affiliated to Anna University

Dr. K.S. BABAI, B. Sc., B.E., MS FIE MISTE, Ph.D.
SECRETARY

Off: 044-24801636

Fax: 044-24732488

07/04/2022

To

Shir. Vikram,
The Director,
Mudhra Fine Blanc Private Limited,
SIPCOT Industrial Park Thandalam, Irungattukottai, Sriperumbudur,
Chennai - 602 105. Tamil Nadu. India.

Respected Sir,

Subject: Permission to visit MIM for II and III Year Mechanical Engineering students.

With reference to the telephonic conversation had, we Meenakshi Sundararajan Engineering College affiliated to Anna University, accredited by National Board of Accreditation, approved by AICTE were started in the year 2001 and the Mechanical Engineering department was started in 2011. Our College is among the top ten of the Anna University affiliated colleges in Tamil Nadu. (Our College web site is <http://msec.edu.in/>). For the past five years, our Mechanical Engineering Department students are in the top ten rank of Anna University.

We, mechanical engineering department desire to an industrial visit to your M/S Mudhra Fine Blanc Private Limited on **05/05/2022 and 06/05/2022**. The total strength of II year (43 students) and III year (47 students) Mechanical Engineering and two faculty members would be accompanying the said students.

We request you to kindly confirm the date for enabling us to make this industrial visit a success.

Thanks and regards,

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



SECRETARY



HOD, Mechanical Engineering, Meenakshi Sundararajan Engineering College
<hod.mech@msec.edu.in>

Request for Industrial Visit -Meenakshi Sundararajan Engineering College

Mudhra | Jothi HR <jothihr@mudhra.in>

Thu, May 5, 2022 at 2:32 PM

To: "HOD, Mechanical Engineering, Meenakshi Sundararajan Engineering College" <hod.mech@msec.edu.in>

Cc: jayaganesh perumal <jayaganesh.msec@gmail.com>, mechsham@gmail.com, Ayyanar Kuppusamy <ayyanarkuppusamy22@gmail.com>, Toral Gandhi <tdgandhi@gmail.com>, Balasubramanian Kalyanam <baaloo1953@gmail.com>, Mudhra | Shanthi <hradmin@mudhra.in>, vikram@mudhra.in

Dear Mr. Vadivel,

Greeting from Mudhra Fine Blanc!!!

Based on your request, we confirmed to fix Industrial Visit in our Unit-1(Irunggattukottai Plant) on tomorrow (06.05.22) post lunch and duration of timing 2.30pm to 4.00pm each 2 batches(20 students).

Inside our factory premises do not take any photos by your students/any of your college person and strictly not allowed. Pl. ensure all of your students, co-ordinators must be vaccinated and before entrance of our factory to shown the certificate.

Pl. communicate to your students to come for appropriate dress code with normal shoe.

This is for your kind information to follow this.

Thanks & Regards

K. Ramalinga Jothi

Manager-HR & Admin

[Quoted text hidden]

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 624

INDUSTRIAL VISIT REPORT

INTRODUCTION

Department of Mechanical Engineering from Meenakshi Sundararajan Engineering College arranged one day industrial visit for 4th semester degree students to “Precision Equipments (Chennai) Private Limited” and “Mudhra Fine Blanc Private Limited” at Irungattukottai Sipcot.

We started traveling from the college campus at 07:30 am via our college bus. Totally 40 students along with 2 faculty coordinators were there in the journey.

Industrial visits are an integral part of Engineering and acknowledgment of technological upgradation. The purpose of industrial visit for students is to provide technical knowledge with the technological development in the industry and to understand the gap between the theoretical and practical knowledge that could be passed in future. This experience can help students to provide information regarding functioning of various industries and associated problems and limitations.



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Mudhra Fine Blanc Pvt. Ltd.

COMPANY PROFILE

MIM is a Joint Venture between Mudhra Fine Blanc Pvt Ltd, a Chennai, India based auto component manufacturer and 2 Italian companies , Industria Meccanica di Arosio SpA (IMA) and Ernesto Malvestiti SpA (Malvestiti). They are a technology leader in fine blanking in India and also manufacture precision stamped parts, leveraging a strong technological base in India and Italy, captive tool room & engineering center.



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WHAT WE LEARNT THERE?

On 6th May 2022 we reached “Mudhra Fine Blanc Pvt Ltd”, Irungattukottai, by 2:00 PM. Students were split into two groups. First they gave us the introduction about the company and showed us the various departments and operations like Blanking, Washing, Deburring, Chamfering, Polishing (impurity cleaning), Broaching, Riveting, Machining etc...

Fine Blanking is a specialized form of stamping used to produce high-precision parts with clean-cut, straight edges with a high degree of reliability and repeatability.

The tool manufacturing facility is equipped with CNC machining and turning centers, wire EDMs, jig boring machines, cylindrical and surface grinding machines and necessary measurement equipment.

We saw multiple CNC and other machines inside the industry and In Shim Line brake pad parts were made using rubber coated metal and we saw different Shim parts for different vehicles like Alto, XUV500, Swift, Bolero, Safari, Q501, DC-SHIM, EP8-SHIM etc...

Inspection/Quality Area- final products are checked as per the requirements of the customers and if any defects are found they are rectified.

VARIOUS PRODUCTS OF THE COMPANY

Braking parts, Wiper parts, Engine parts, Brake pad parts, Seating systems, Transmission parts, Body chassis parts, Closure systems etc...

CLIENTS OF THE COMPANY

Brakes India, Fiat, Bosch, Noble automotive, Iwis, Rane, Johnson controls etc...

Conclusion

We are thankful to all our faculties for organizing such an Informative event for us. We got the knowledge on different types of machines used in industries and had an opportunity to research on it. About 40 students of 2nd year Mechanical Engineering of MSEC benefited from this visit as they got a chance to discuss with the In- charge officer and other engineers working in industry.



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We hope to get more chances to have such informative & wonderful experiences of visiting different industries.



Handwritten signature in green ink.

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Department of Computer Science and Engineering

(Academic year 2019-2020)

VIGYAN 2020

Theme: Business Process Management

Vigyan 2020 is a one-day technical seminar conducted by the DEPARTMENT OF Computer Science and Engineering every year. This year Vigyan was conducted on the theme **BUSINESS PROCESS MANAGEMENT**. Vigyan was held on 25th January 2020(Saturday). The count of the students for the seminar was approximately 220 accompanied by our department staffs. The entire event was a great success and it was conducted with great spirit and splendor by the students of the Department of Computer Science and Engineering. The event was attended by students of I, II, III and IV Computer Science and Engineering.





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The inauguration function began with a warm welcoming song followed by our college song by K.R. Vijayalakshmi. Throughout the event the MC Desk was handled by Mira Sowndarya. The event was graced by the presence of our special chief guests **Mr. Prashant & Mr. Ajmal, Echeveria Education Private Limited-Playwithbot**. They encouraged students to interact with industry during their course time for better knowledge and experience.



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2019-20 (ODD)



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Managed by I.I.E.T Society)
363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna
University

DR. K.S. BABAI, B. Sc., B.E., Ph.D MS FIE MISTE
SECRETARY

Off: 044-24801636

Fax: 044-24732488

To

20.09.2019

Panickker Switchgear Pvt.Ltd.,
Thandalam,
Sriperumbudur,
Chennai- 602105
INDIA

Respected Sir,

SUB: Requisition to permit our students IV year EEE to visit your Industry
Panickker Switchgear Pvt.Ltd., – Reg.

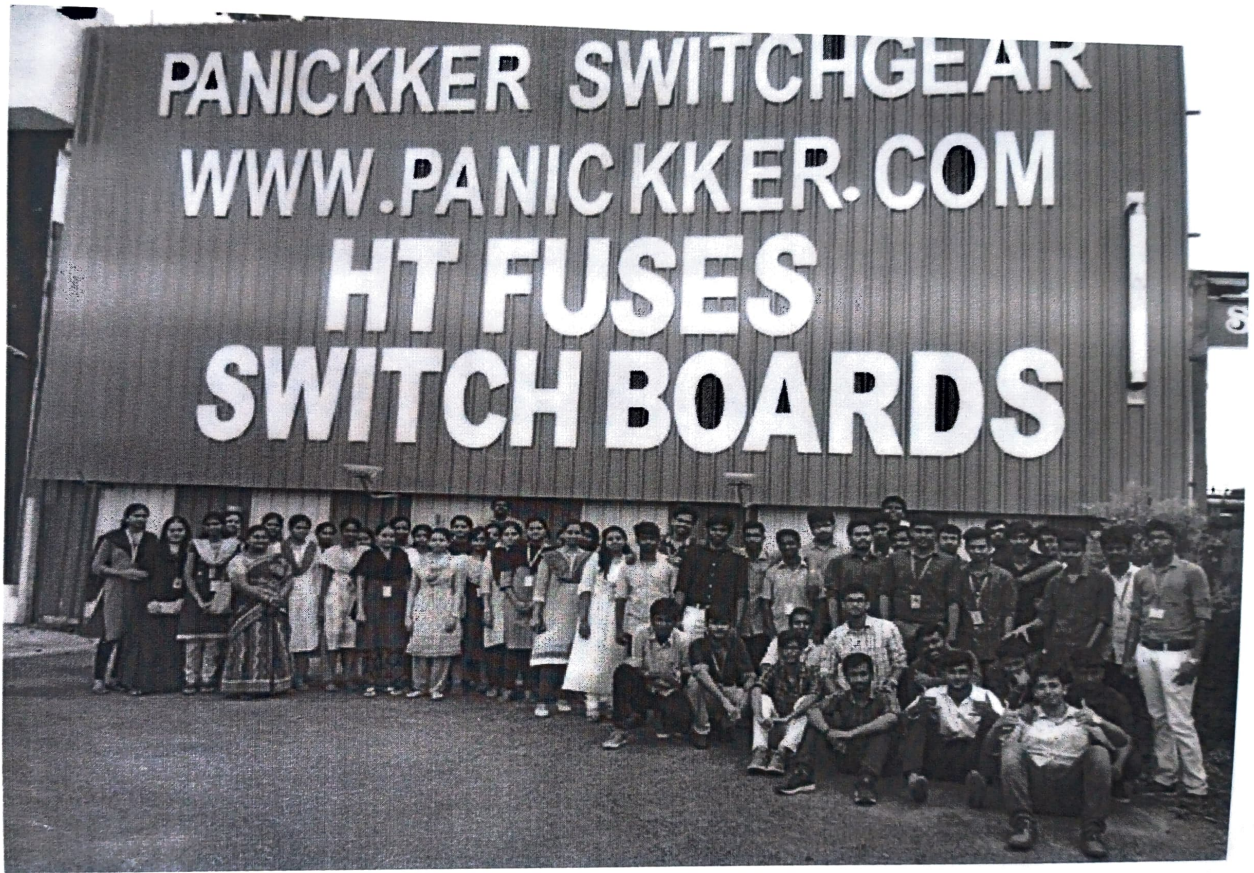
Meenakshi Sundararajan Engineering College is situated in Kodambakkam, Centre of Chennai. It has already completed 18 years and it has been adjudged best among top 10 engineering colleges in Academic achievements by Anna University. Our college IV year EEE students are interested to have industrial visit to Panickker Switchgear Pvt.Ltd., on 22.09.2019. We will be deputing 58 Students with three faculty members. Since industrial visit is a part of their curriculum as specified by Anna University, Chennai, I hope you will be kind enough to oblige and do the needful.

Thanking you.

Yours truly,

Dr.K.S. BABAI
Secretary

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J. S.

PRINCIPAL
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CHENNAI-600 024



**MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE ,CHENNAI-24**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

REPORT ON INDUSTRIAL VISIT TO 'PANICKER SWITCHGEARS'

As part of the curriculum, the students of EEE final year(2016-2020) went on a one day industrial visit to "PANICKER SWITCHGEARS, Sriperumbudur" on 22nd August 2019. As planned earlier the students assembled at the college at 10:30am. After completing the necessary procedures for departure, a total of 55 students were accompanied by three faculty members –Mr.Bhaskar, Mrs.Rooba.M , Mr.Manikandan.

PANICKER SWITCHGEAR is situated in Sriperumbudur , a suburb of Chennai. The Company has been in existence since 1974 and is engaged in manufacturing indoor & outdoor air & vacuum load break switches and manual and motor operated VCB's & isolators . They also manufacture LT, HT,PT and semi-conductor fuses.. The company has transferred fuses to Malaysia/Italy/USA and also to other European companies.

The industrial visit provided a great insight into how switchgear panels are assembled and their working, HFC fuses –types and construction, relays and its types .We also got to know the wide range of applications of these protective devices.

We express our sincere thanks to the Management and the HOD for encouraging the students to go on an industrial visit and expand their horizons of technical and practical knowledge.

– VIIth Sem EEE

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE CHENNAI-24

Department of Electrical and Electronics Engineering

Industrial visit to "Panickker Switchgears"

S.NO	REG NO	STUDENT NAME
1	311516105001	Adithya.M
2	311516105003	Akshaya P
3	311516105005	Almas.A
4	311516105007	Amrithavarshini R
5	311516105006	Anashritha.AB
6	311516105008	Arunkarathi P
7	311516105009	Ashwin Kumar B
8	311516105010	Azar Mohammed J
9	311516105011	Badrinathan N
10	311516105012	Balaji G. S
11	311516105013	Balaji.S
12	311516105014	Dinesh Raja.J
13	311516105015	Divya P
14	311516105016	Gomathi.N
15	311516105017	Guruprasaadh.T.R
16	311516105018	Jeyavardhany.P
17	311516105019	Keerthana S
18	311516105020	Krishnamurthy S
19	311516105021	Madhu Kumaarappan A
20	311516105022	Mahanya.G.G
21	311516105023	Mithun Raj R
22	311516105024	Muthu Mano.S
23	311516105026	Padma Bhushan.G
24	311516105027	Pavithra N D
25	311516105028	Pooja A
26	311516105029	Rahul.M
27	311516105030	Rahul.S
28	311516105031	Raj Surya.R
29	311516105032	Ramya.M
30	311516105033	Ramyalakshmi.S
31	311516105034	Rebin.D
32	311516105035	Sandhya Mohan
33	311516105036	Sanjana S
34	311516105037	Sanjay Kumar .P

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CHENNAI-600 624

5 AM

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE CHENNAI-24
Department of Electrical and Electronics Engineering
Industrial visit to "Panickker Switchgears"

35	311516105038	Sankari.S
36	311516105039	Santhosh Kumar.S
37	311516105040	Sasirekha S
38	311516105041	Shwetha.K.K
39	311516105042	Sivarama Krishnan.S
40	311516105043	Sowmiya.M
41	311516105044	Sri Ratchanya K
42	311516105045	Sulthana Parveen.A
43	311516105046	Surendran.V
44	311516105047	Thirunavukkarasu.D
45	311516105048	Vanitha.V
46	311516105049	Varalakshmi.G
47	311516105050	Venkat Anamika Reddy
48	311516105052	Vignesh Kumar M
49	311516105053	Vinith Raja A
50	311516105054	Viswanath S
51	311516105055	Yuva Chandrakumar A
52	311516105301	Ranjith kumar
53	311516105302	Rathna Rajkumar
54	311516105303	Sangeetha
55	311516105304	Sasikumar
56	311516105305	Vivek
57	311516105701	subhiksha
58	311516105702	swetha A



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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Kodambakkam, Chennai

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRIAL VISIT - FEEDBACK FORM

(Academic Year : 2019 - 2020)

Name of Student: SANDHYA MOHAN

Batch: 2016 - 2020

Organization Name: Pannickar Switchgear

Date of Visit: 22/8/19

Q1. Was this your first Industrial Visit?

Yes No

Q2. How was the learning experience at the Industrial Visit?

Exceptional Very Good Good No Opinion

Q3. How likely it is for you to recommend this visit in future?

Most Likely Likely Somewhat Like No Opinion

Q4. How would you rate your overall experience of the visit?

Exceptional Very Good Good No Opinion

Q5. Was the Industrial Visit educational on grounds of your department?

Exceptional Very Good Good No Opinion

Q6. Give your report on the Industrial Visit in not more than 100 words.

Pannickar Switchgear factory located in Saiperambatur, manufactures switchgear for many public as well as private customers. Students of 4th year-EEE, had visited the factory on 22 Aug 2019. We were given introduction of the factory and what they do. Then, they explained about 'Load break switchgear', relays, 'circuit breaker - construction and its working. They also explained about testing conducted on them to check the quality.

Your feedback is important for planning future programming.

Signature of the Student

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CHENNAI-600 024

SIMA

INDUSTRIES AND INSTITUTES COLLABORATION

An additional tab in the already existing website of SIMA is included wherein a list of MOU signed colleges & an institution login will be displayed.

After logging in, a list of internships & projects by the companies will be provided.

From here, the institutions can choose on the type of internships for their students from the available list of internships/ projects.

Selected entries will receive a mail from the respective companies after approval.

The approved projects can be viewed and monitored by the Institutions and as well update the performance of the students.

The Institutions can upload their MOU through their login portal.

Through Forgot password, Alternate password is generated through the registered mail.

This establishment of relationship between the Industry and the Institutes will exist as a potential medium of industry exposure to students and as a friendly tie-up towards the institute for the industry, thus benefiting both the industry and institutes.

This portal will help the students to get industrial experience through their internship allowing them to choose from various kinds of internships from 80+ more companies.

This portal helps the industries to get more employees through the resume provided by the students at the time of internship.

The concept of this portal is rare to see and thus helps in the development of both industries and institutes.

We thus, sincerely hope that this project would be a great resource to both the industry and the institutions. Being able to help the industry achieve this in a small way brings immense pleasure to us! We thank you for trusting us and providing us with this opportunity.



Home Committee Members Events Training Centre Contact Login Registration



Home Committee IIC Members Events Training Centre Contact Logout

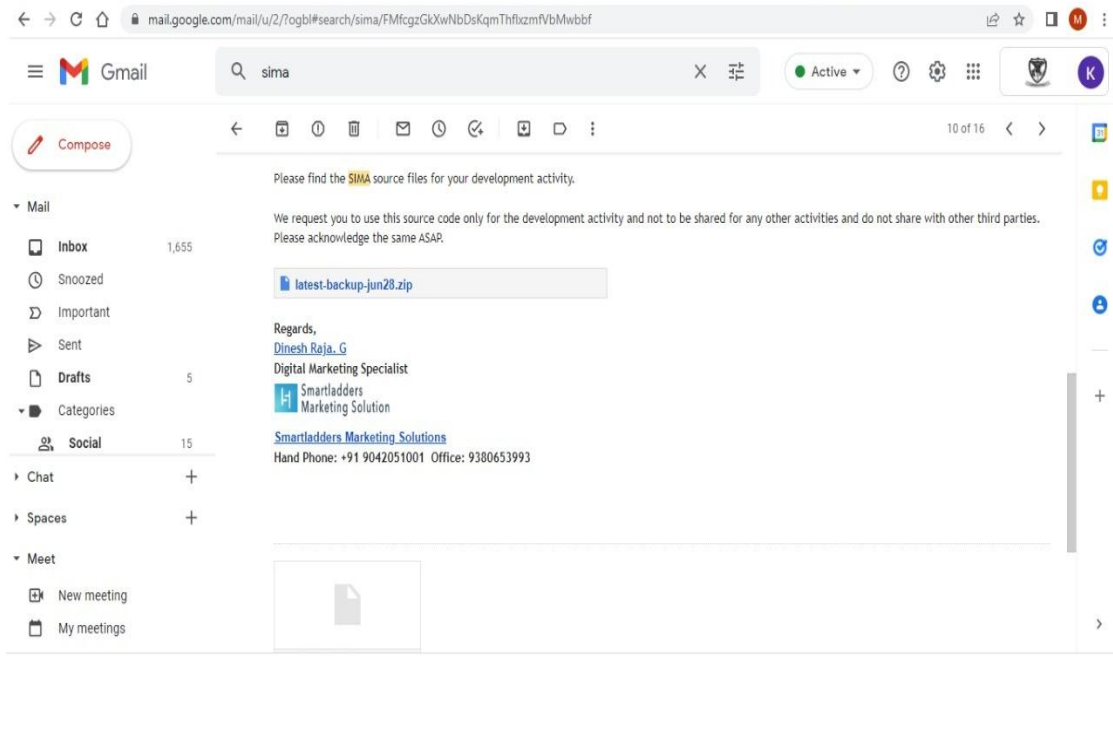
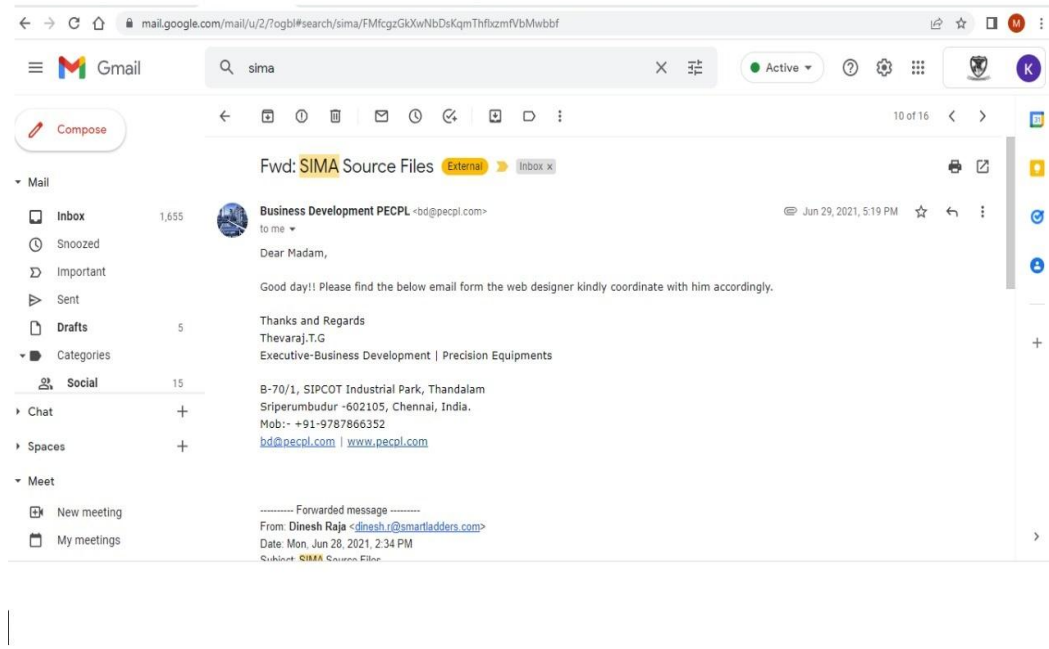


OBJECTIVES

- Bridging the gap between Industry and Institute.
- Use of resources from industries and the institute for benefit of industries, students and society.
- Making available Institute infrastructural facilities to the industries and vice versa.

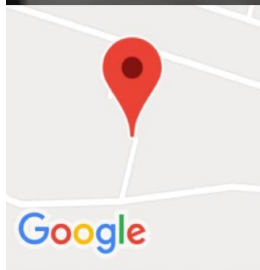
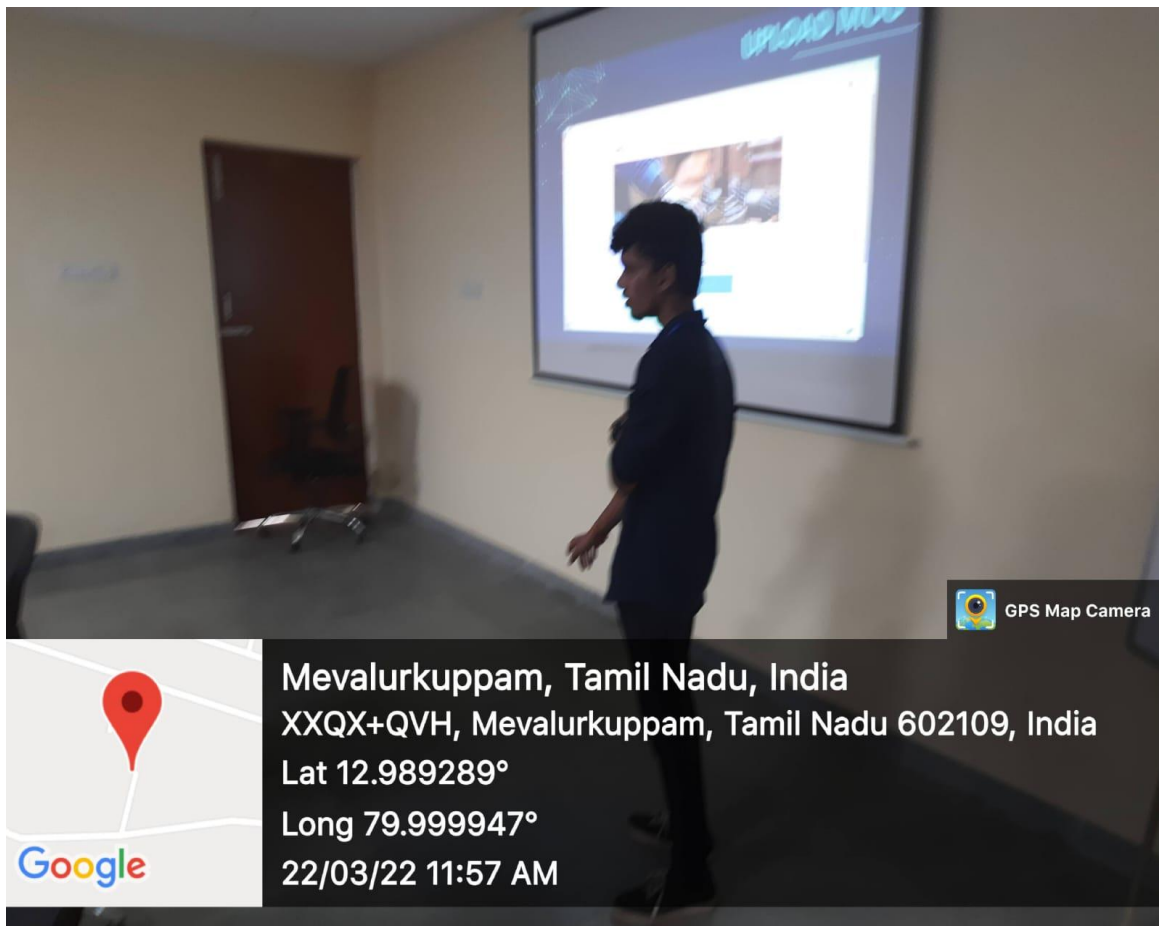
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MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM
- CHENNAI-600 824

MAIL CONVERSATION WITH SIMA:

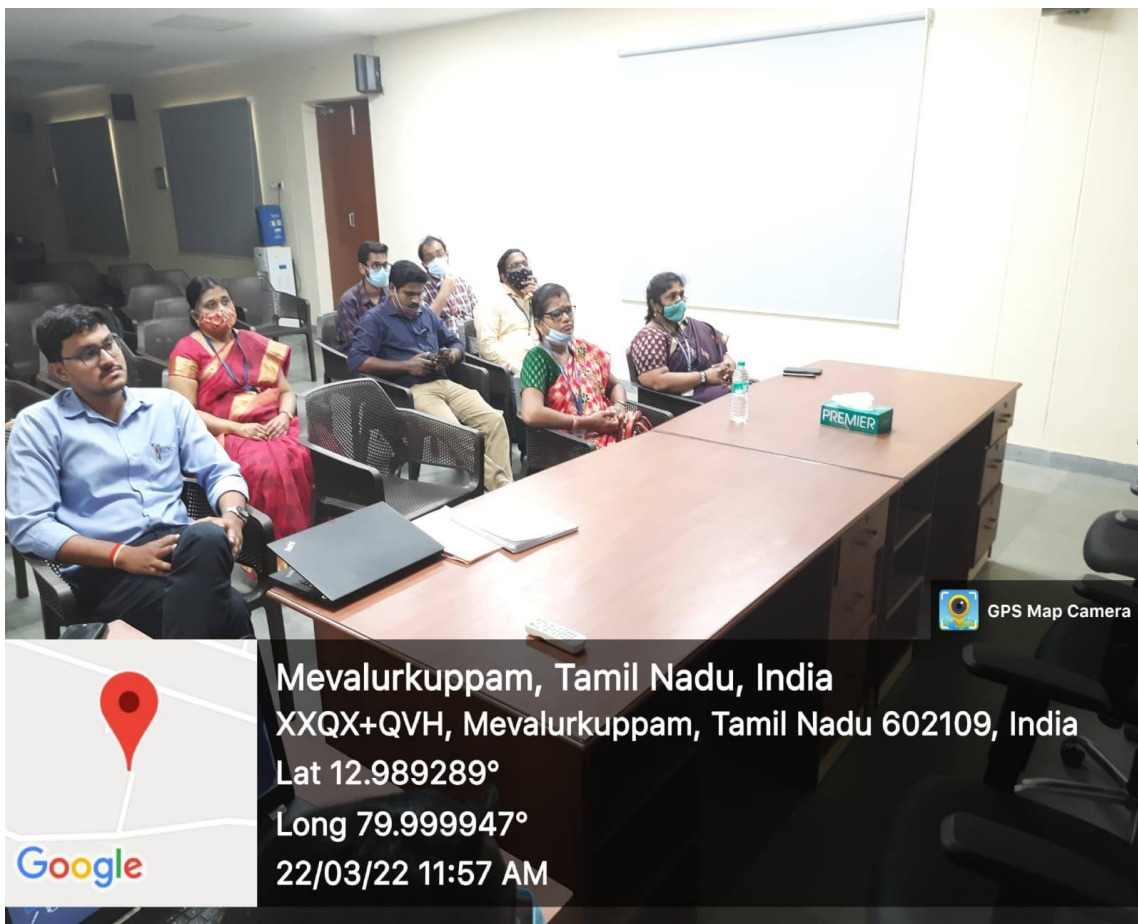


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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 624

GEO TAGGED PHOTOS OF PROJECT PRESENTATION:



Mevalurkuppam, Tamil Nadu, India
XXQX+QVH, Mevalurkuppam, Tamil Nadu 602109, India
Lat 12.989289°
Long 79.999947°
22/03/22 11:57 AM

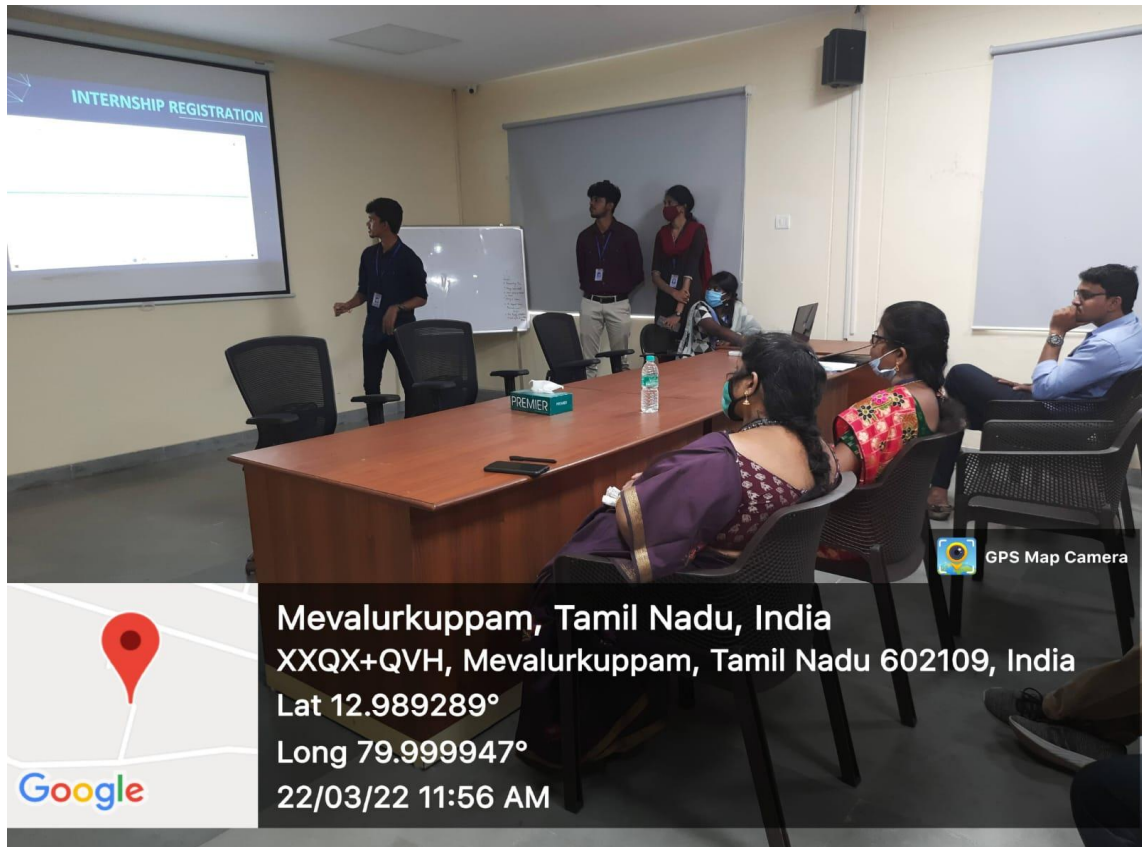


Mevalurkuppam, Tamil Nadu, India
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Long 79.999947°
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PRINCIPAL
MEENAISHI SUNDARARAJAN ENGINEERING COL
363, ANCOY ROAD, SOBAMBAICHALI,
CHENNAI-600 024

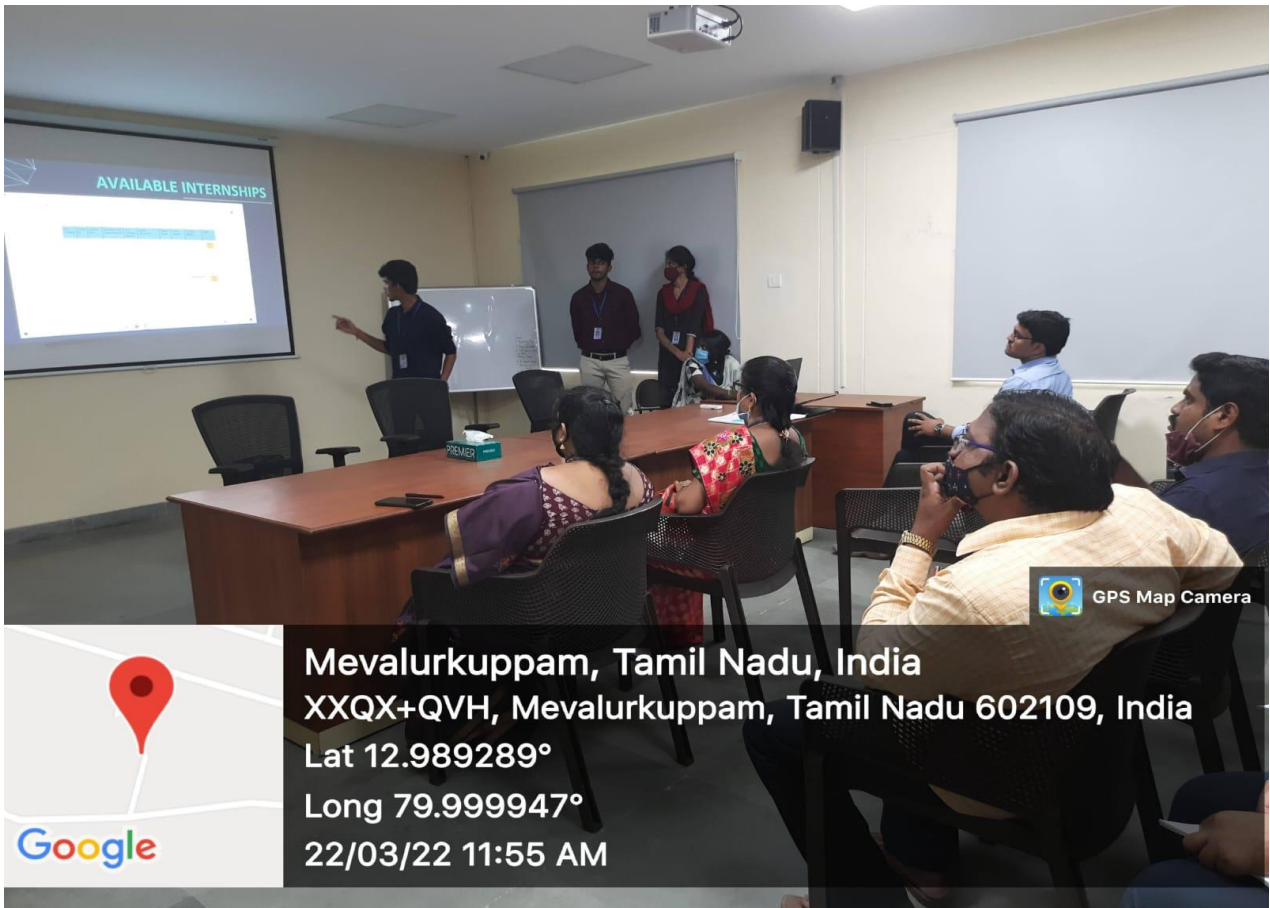


Mevalurkuppam, Tamil Nadu, India
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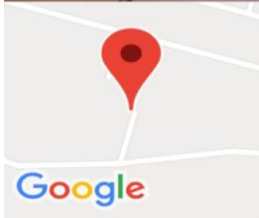
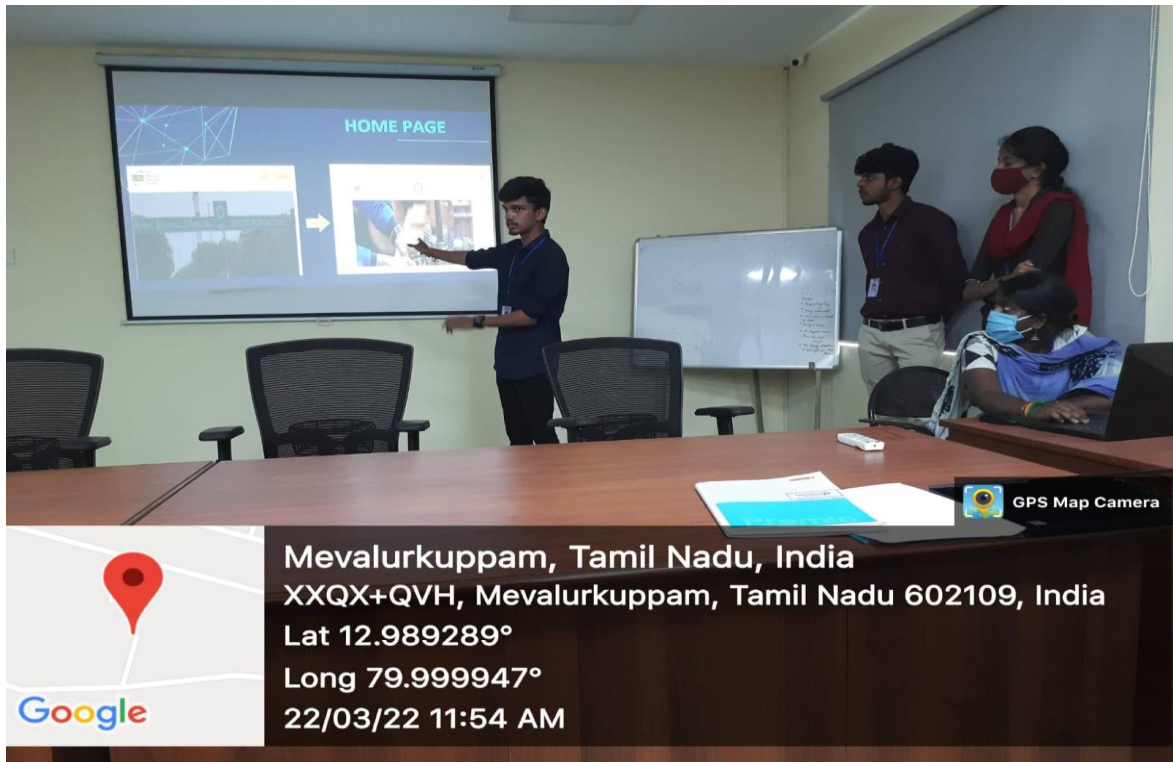


Mevalurkuppam, Tamil Nadu, India
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PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM
CHENNAI-600 624

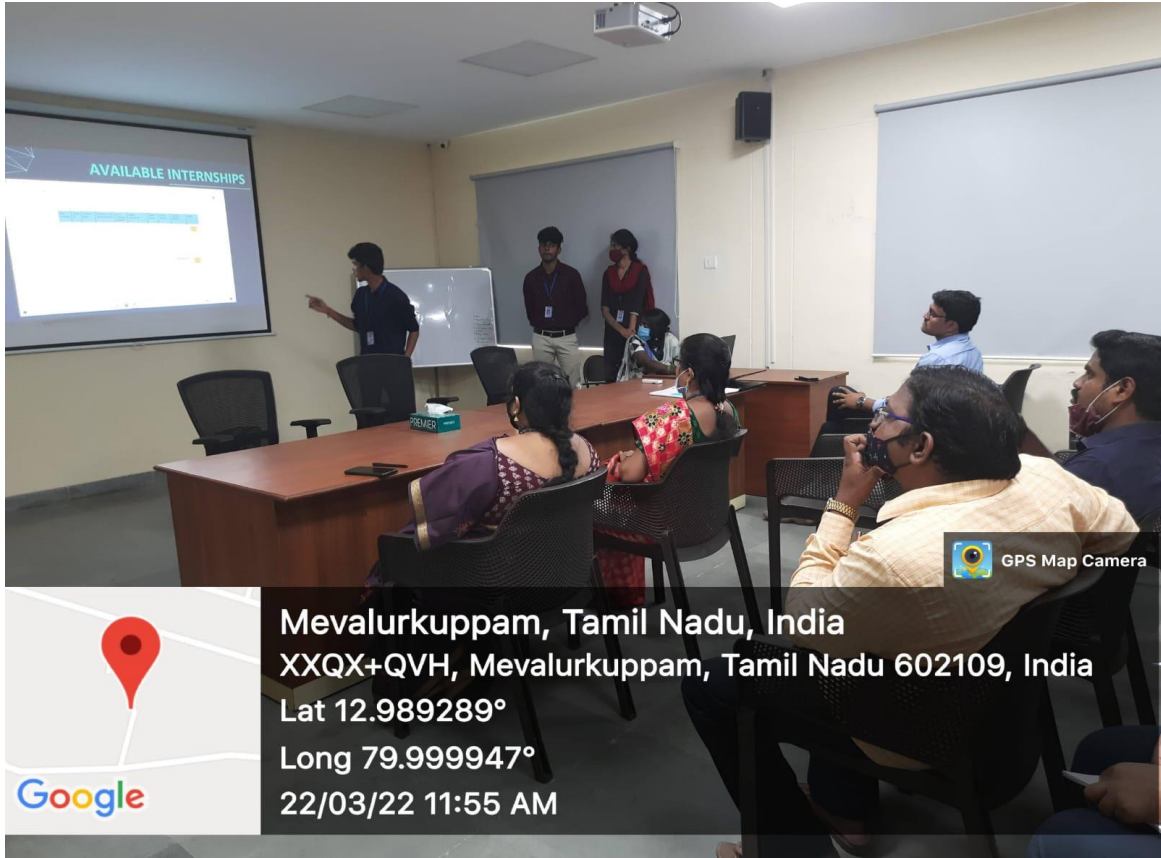


Mevalurkuppam, Tamil Nadu, India
XXQX+QVH, Mevalurkuppam, Tamil Nadu 602109, India
Lat 12.989289°
Long 79.999947°
22/03/22 11:55 AM



Mevalurkuppam, Tamil Nadu, India
XXQX+QVH, Mevalurkuppam, Tamil Nadu 602109, India
Lat 12.989289°
Long 79.999947°
22/03/22 11:54 AM

PRINCIPAL
MEENAISHI SUNDARARAJAN ENGINEERING COL
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CHENNAI-600 624



GPS Map Camera



Mevalurkuppam, Tamil Nadu, India
XXQX+QVH, Mevalurkuppam, Tamil Nadu 602109, India
Lat 12.989289°
Long 79.999947°
22/03/22 11:55 AM

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

02 October 2018

NIKKHAT NAVEEN
India

Dear Nikkhat,

LETTER OF OFFER AS INTERN AT NLTVC SDN BHD

Please to inform you have been selected and offered an **Intern** position at NLTVC Sdn Bhd (referred to as the Company) with the following terms and conditions :

1.Period of Internship

Your period of internship will be 45 days commencing on 17th December 2018 (please provide date).

2.Reporting for Duty

You are required to report at 9.00 am at the designated office. Your official internship hours are from 9.00 am to 6.00 pm, Monday to Friday. You are expected to perform duties and responsibilities as assigned by your Supervisor.

3.Confidentiality

You will be required to observe confidentiality on information obtained in the course of your internship period. You shall not, without the consent of the company, reveal, disclose or share information which is deemed confidential and trade secrets by the company to any third party. All assignment and tasks given to you by the company shall be deemed as strictly confidential.

Kindly sign on this letter if you agree to accept the position on the aforesaid terms and return this letter to us to confirm your acceptance.

Thank you and we look forward to welcome you at NLTVC Sdn Bhd.

I, (Mr / Ms) Y. NIKKHAT NAVEEN Passport No. _____ read, understand and accept the above offer on the terms as specified. I also acknowledged that I have no criminal record, fraud or have a police record / case.

I choose to do my internship at NLTVC Sdn Bhd in : (please tick / accordingly)

<input checked="" type="checkbox"/>	Penang : No. 62-2, Persiaran Bayan Indah, Bayan Bay, 11900 Bayan Lepas, Penang, Malaysia
<input type="checkbox"/>	Kuala Lumpur : Unit 10.3, 10 th Floor, Menara Lien Hoe, No. 8, Persiaran Tropicana, Tropicana Golf & Country Resort, 47410 Petaling Jaya, Selangor

Y. Nikkhat Naveen (Signature)

Name : Y. NIKKHAT NAVEEN

J. S. S.

PRINCIPAL
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363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 624

Date : 5. 10. 2018



Date: 26.08.2016

CERTIFICATE FOR IN-PLANT TRAINING

This is to certify that **Mr.G.Sivaraj** (311515418015), pursuing Final Year M.E(CEM) Student of Meenakshi Sundararajan Engineering College, Kodambakkam, Chennai, had Undergone In-plant Training in our Organization from 01.06.2016 to 01.07.2016, at 'Holiday Inn', S.R.P tools, Chennai.

I wish him all success in his Future Careers.

VINOTH KUMAR. A
HR MANAGER



PRINCIPAL
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808, AKHIL ROAD, KODAMBAKKAM,
CHENNAI-600 028

Internship Completion Certificate

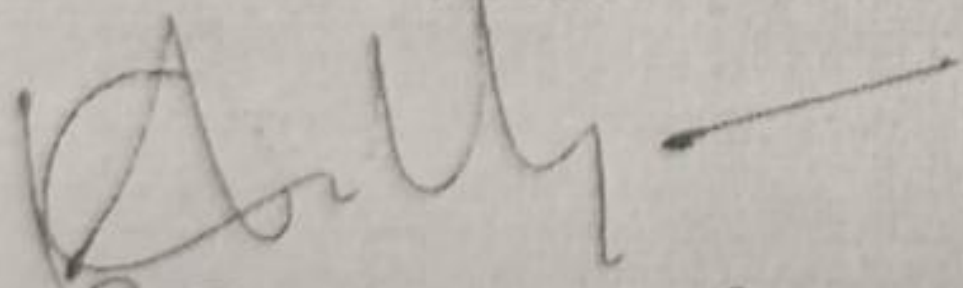
Date: 30.11.2018

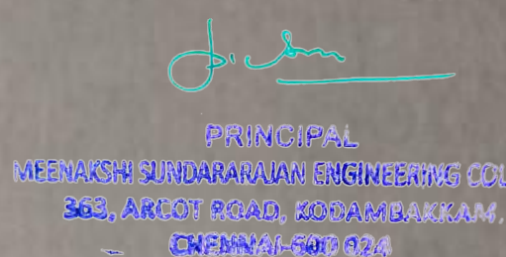
This is to certify that Mr. Kannappan. C
studying Civil Engineering 2nd Year has Successfully
Completed his Internship in Our Organization for 13 days
from 16.11.2018 to 30.11.2018.

Wishing you all the best for your future.

For Keshthana Infrastructure Pvt Ltd.

For Keshthana Infrastructure Private Limited


Authorized Signatory.


PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
963, AKKOT ROAD, EDAMBARKKAM,
CHENNAI-600 024

Internship Completion Certificate

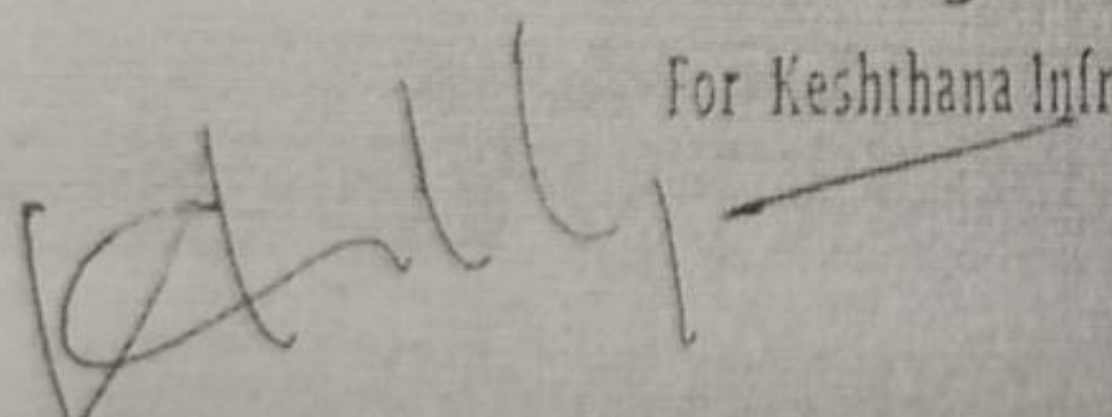
Date: 30.11.2018


This is to certify that Mr. Karthigeyan. S
studying Civil Engineering 2nd Year has Successfully
Completed his Internship in Our Organization for 13 days
from 16.11.2018 to 30.11.2018.

Wishing you all the best for your future.

For Keshthana Infrastructure Pvt Ltd.

For Keshthana Infrastructure Private Limited


Authorized Signatory.


PRINCIPAL
MEENKISH SUNDARARAM ENGINEERS CO.
503, ARKOT ROAD, BODAMBAKKAM,
CHENNAI-600 024

Internship Completion Certificate

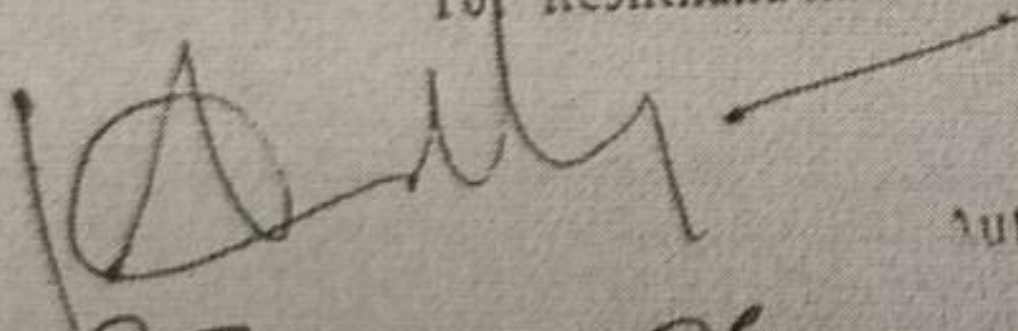
Date: 30.11.2018

*This is to certify that Mr. Manoj Kumar, R
studying Civil Engineering 2nd Year has Successfully
Completed his Internship in Our Organization for 13 days
from 16.11.2018 to 30.11.2018.*

Wishing you all the best for your future.

For Keshthana Infrastructure Pvt Ltd,

For Keshthana Infrastructure Private Limited



Authorized Signatory

Authorized Signatory.



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

Keshthana

The Divine Land...

Infrastructure
Private Limited

CIN: 33AAEC001120180000000000000000
PAN: AAEECK8031E
GSTIN: 33AAEECK8031E2Z1

im Lab
ECE-313

Internship Completion Certificate

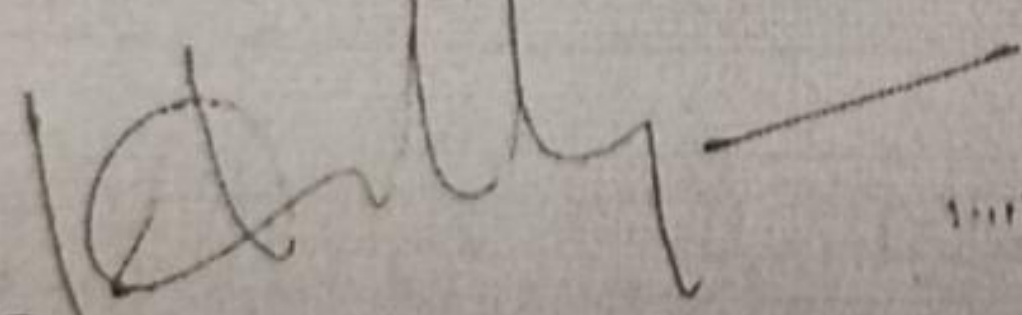
Date: 30.11.2018

This is to certify that Mr. Sudarshan.K
studying Civil Engineering 2nd Year has Successfully
Completed his Internship in Our Organization for 13 days
from 16.11.2018 to 30.11.2018.


Wishing you all the best for your future.

For Keshthana Infrastructure Pvt Ltd,

For Keshthana Infrastructure Private Limited


Authorized Signatory.

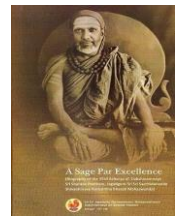
Authorized Signatory


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363, ARKOT ROAD, KODAMBAKKAM,
CHENNAI-600046



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Affiliated to Anna university, Kodambakkam ,Chennai.
DEPARTMENT OF CIVIL ENGINEERING (Accredited to NBA)



Associated with



KESHTHANA INFRASTRUCTURES PRIVATE LIMITED

Raja Annamalai Puram, Chennai

Live webinar on Geotechnical and Terra mechanics Perspective



Dr.K.Premalatha

Professor College of Engineering Guindy, Anna University

Evaluation of soil parameters and constants for various soil models.



Dr.S.Jayalekshmi

Professor N.I.T Tiruchirappalli

Evaluation of material parameters and constants from Terra mechanics perspective.



Mr.V.Radhakrishnan

MD Keshthana Infrastructures

Fresh Graduates – The Basic Job skills required in the industry.



Mr.S.Saravanan

Assistant Professor Meenakshi Sundararajan Engineering College

Moderator



Dr.R.Arivazhagan

Associate Professor Meenakshi Sundararajan Engineering College

Welcome speech and Introduction of Speakers



Ms.B.Visaka Priya
GET Keshthana Infrastructures

Moderator

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

Date : On 25 th July 2020 – Saturday
Time : 10.45 AM

For Registration- <https://forms.gle/xWoJsVQGugNX6BZp6>

Dr.K.S.Babai
Secretary

Dr.K.S.Lakshmi
Correspondent

Dr.P.K.Suresh
Principal

Proff.S.Raman
HOD-Humanity and Science

Dr.K.Umarani
Dean Academics

Dr.L.Ramajeyam
Dean PG Studies, HOD Civil