

DEPARTMENT OF MECHANICAL ENGINEERING

List of MoU Signed Company

S. No	Name of the Organization	Area of Specialisation	Event nature
1	Ford Motors India Limited, Chennai.	Thermal, Manufacturing, Design, Automobile, Logistics	Internship, Guest lecture, Workshop, Projects
2	CIPET, Madurai	CAD/CAM, Ansys, Solid Works	Seminar, Workshops, Projects, Value Added Course
3	Senthil Kumaran Industrial Works, Dindigul	Design, Manufacturing	Internship, Guest lecture, Workshop, Projects
4	Madura Steel Industries Ltd, Dindigul	Foundry	Industrial Visit, Projects, Consultancy Works
5	M. R. Silverline Solutions, Dindigul	TIG / MIG Welding	Industrial Visit
6	Thai Engineering Works, Dindigul	Special Machines and Operations	Seminar, Workshops, Projects
7	United Pet, Dindigul	Injection Moulding and PET Bottles	Industrial Visit, Internship, Guest lecture.
8	Global Polybags Industries Private Ltd., Virudhunagar	Manufacturing of LDPE/HDPE bags	Industrial Visit
9	Shree Laxmi Spinners Private Limited, Tirupur	Production and Automation	Industrial Visit
10	Kanika Milk Centre, Dindigul	Industrial Cooling Plant / Unit	Industrial Visit
11	WW Groups UK, Tirupur	Manufacturing and Materials Handling	Industrial Visit
12	Safire Engineering Works, Sivakasi	Welding, Forging and CNC machines	Industrial Visit
13	R.R Industries, Dindigul	Industrial, Agricultural and Automobile Engines	Industrial Visit

DEPARTMENT OF MECHANICAL ENGINEERING

List of Industry Tieups

S. No	Name of the Organization	Area of Specialisation	Event Nature
1	Southern Railway, Perambalur.	Production & Maintenance	Internship, Guest lecture, Workshop
2	Southern Railway, Ponmalai	Production & Maintenance	Internship, Guest lecture, Workshop
3	Madura Steel Industries Ltd, Dindigul	Foundry	Industrial Visit
4	PCRA	Research Association	Seminars, Workshop, Projects.
4	SPD & Sons, Dindigul	Forging Special Tools	Industrial Visit, Guest Lecture, Internship
5	Interfit India Limited, Dindigul	Foundry	Industrial Visit, Internship & Project
6	Nalvetha Castings Limited, Dindigul	Foundry	Industrial Visit,
7	Mr. A. Annadurai, Jt. Secretary, DRTEC, DIC, Dindigul	CNC Machines	Industrial Visit,
			Internship & Project
8	Siva Balaji Press tools, Dindigul	Sheet Metal	Industrial Visit, Guest lecture

MoU Photos:



தமிழ்நாடு தமில்நாடு TAMILNADU

CIPET - CSTS

Madurai

11/2/2020

CB 301575
P. கண்ணன்

முத்திரைத்தாள் விநியோகம்
ஆர்.ஓ.சி. எண்: 3827 / து.3 / 2006-12
1999, தாமரைப்பட்டி (வி.கிட்டம்பு)
மதுரை - தமிழ்நாடு



MEMORANDUM OF UNDERSTANDING

This **MEMORANDUM OF UNDERSTANDING** made on 12th February 2020 **BETWEEN CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS) - MADURAI** (hereinafter referred to as **CIPET: CSTS - MADURAI**) having its office at Near Samathuvapuram, Thiruvathavur, Madurai - 625110 represented by the **DIRECTOR & HEAD** and the **HEAD OF THE DEPARTMENT, CAD / CAM** department on the **ONE PART** and **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY** (herein after referred to as **SSMIET**) having its administrative office at **DINDIGUL-PALANI HIGHWAY, DINDIGUL-624002** represented by the **PRINCIPAL** and the **HEAD OF THE DEPARTMENT, Department of Mechanical Engineering** on the **OTHER PART**.

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WHEREAS CIPET: CSTS - MADURAI is a unit of the Central Institute of Plastics Engineering & Technology (CIPET), a premier National Institution under the Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilizers, Government of India with a clear focus of "Skill development, Technology support services, Academics and Research (STAR)". CIPET: CSTS - Madurai is presently conducting three Long Term Courses i.e. Diploma in Plastics Mould Technology (DPMT), Diploma in Plastics Technology (DPT), Post Diploma in Plastics Mould Design with CAD/CAM(PD-PMD). Also short duration skill development training programmes in Plastics Processing / Injection Molding / Extrusion / CNC Milling / CNC Lathe etc. Also, our CAD Department is conducting specialized training on various CAD softwares AutoCAD / Unigraphics / Creo / CATIA / Mold Flow etc.

CIPET: CSTS - Madurai is offering Technical Services in various disciplines of Design, Tooling, Processing, Testing & Inspection to the local Plastics Industries and playing a major role in the development of Plastic Industries in & around Tamil Nadu. CIPET: CSTS - Madurai is an ISO 9001:2015 certified institution for its Academic and Technology Support Services and Product Testing Laboratory (PTL) is accredited by NABL for Quality Control and Testing of raw materials and products of plastics.

WHEREAS SSMIET, Sri Shanmugavel Mills (SSM) is one of the leading business houses in Textile Industry in Dindigul District for over 30 years. SSM Group's strong desire to offer world class high quality Engineering Education has led to the launch of SSM Institute of Engineering and Technology at Dindigul from the academic year 2011-2012.

The Trustees are optimistic about SSMIET to be a great landmark in the history of higher education in the district of Dindigul. Though the venture is new, it has attracted exemplary team of globally reputed stalwarts to transform the education initiative, a completely different one as compared to existing ones. Every care is taken to ensure that there is a new learning experience being provided at the campus. The management has pre-empted in providing outstanding infrastructure, smart & dynamic intellectual capital to students matching any international campus.



SSMIET is endowed with a sprawling and huge computer center, broadband and high connective in the campus. A well equipped library with national, international and e-journals is a treasure of information and knowledge resource which enhances the learning process. Ergonomically designed and well fit audio and visual equipments in the class room a new experience to students for learning.

This MOU is both beneficent to CIPET: CSTS - MADURAI and SSMIET through conducting, participating of short term training programmes, Technical consultancy, Research and Development work, Industrial problem analysis and solving etc.

In accordance with this mutual agreement,

1. CIPET: CSTS - MADURAI will offer various CAD/CAM courses to the students of SSMIET and the course details with fees structure and payment terms are listed in Annexure – I.
2. The course will be conducted at SSMIET Campus during weekends preferably.
3. All the SSMIET students of Mechanical Engineering and Allied Engineering Departments are eligible to attend the short term training programme conducted by CIPET: CSTS - MADURAI.
4. SSMIET will be required to arrange the necessary lab facilities and all other support required for the smooth conduct of the short term programme.
5. The students from SSMIET can do their Inplant training, Internship, Project Works, Research work at a subsidized fee fixed by CIPET: CSTS - MADURAI.
6. After successful completion of the short term training programme as prescribed in the curriculum, CIPET will issue a certificate to enhance the career opportunities of the students.



7. The MOU shall be effective from the date of execution hereof and shall remain in force for a period of three years. The MOU shall be renewable upon mutual agreement.
8. The Course Coordinator, Director & Head, CIPET: CSTS - MADURAI and The Principal, SSMIET & HOD Mechanical Engineering are link officers for the programme.

In witness whereof, each party has caused it's duly authorized representative to execute this MOU on 12th February 2020.

For SSMIET, Dindigul



The Principal

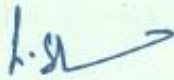
SSM Institute of Engineering and Technology
Dindigul-Palani Highway, Dindigul-624002

For CIPET : CSTS, Madurai



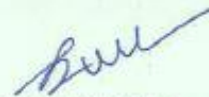
Director & Head

CIPET: CSTS,
Thiruvathavur – Madurai-625110



Head of the Department

Department of Mechanical Engg.
SSM Institute of Engineering and Technology
Dindigul-Palani Highway, Dindigul-624002



CAD/CAM In-charge

CIPET: CSTS,
Thiruvathavur – Madurai-625110

MoUs

MOU's was done with industries to emphasize on

(a) Internship

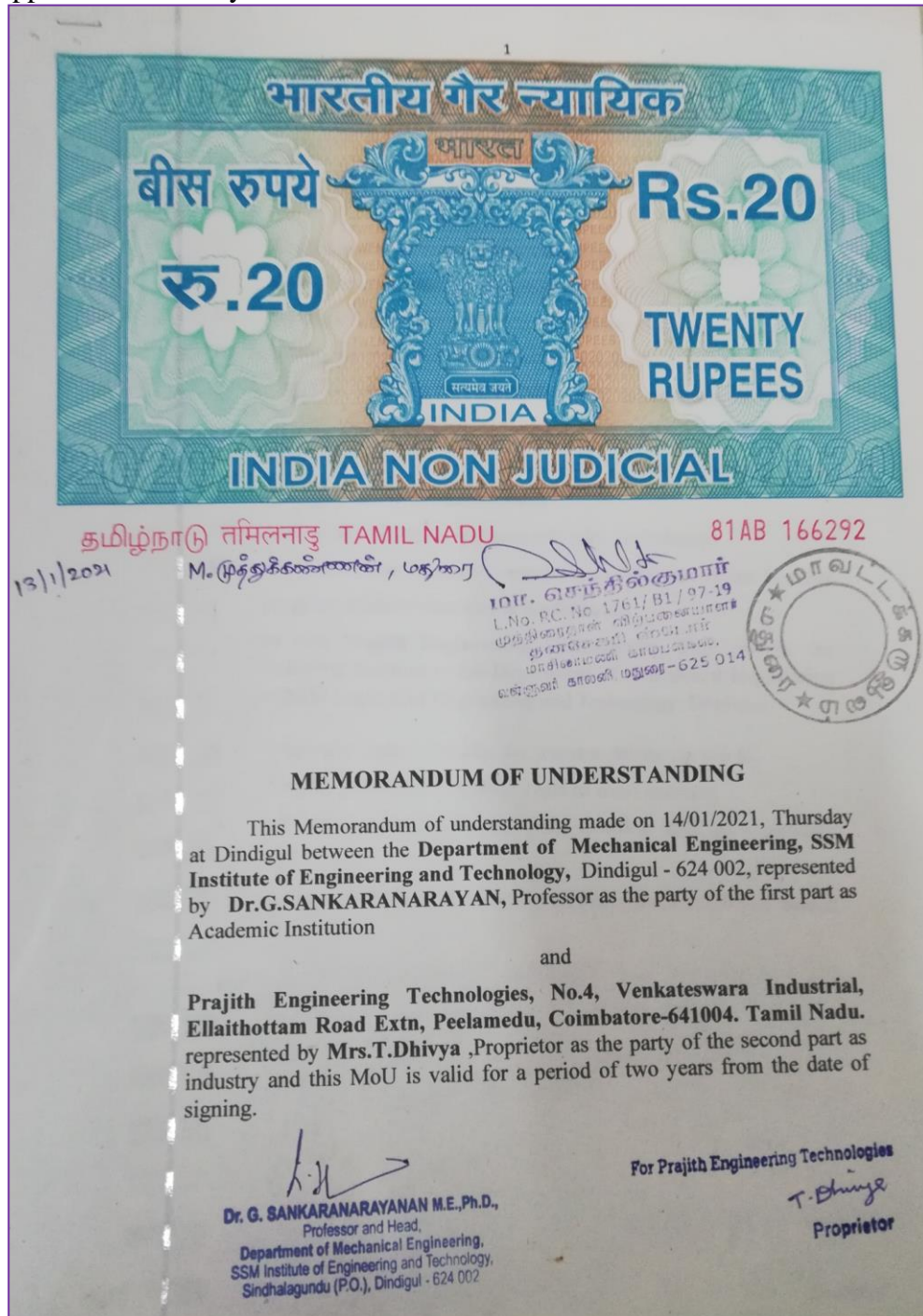
(b) Seminars, Workshops, Hands-on training for Students

(c) Industrial Visits

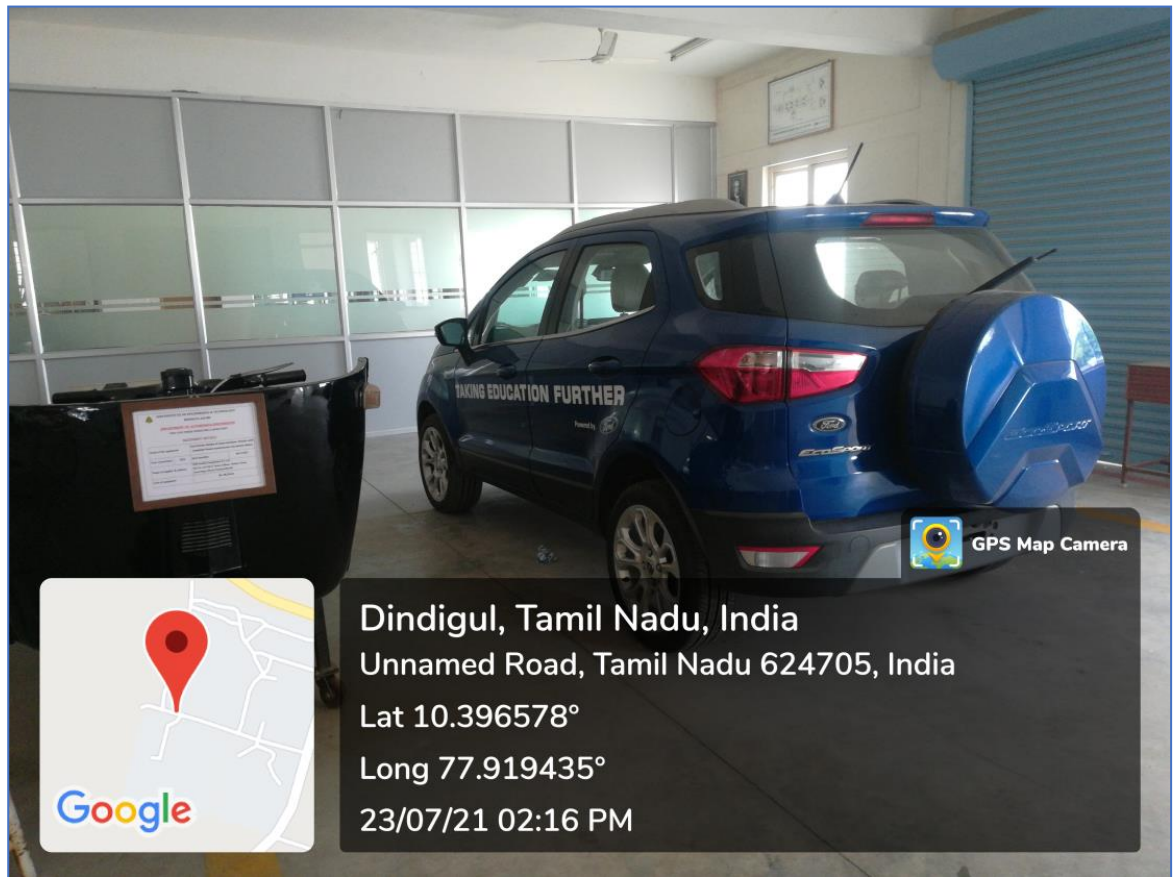
(d) Faculty Development Program

Industrial visits organized for the students of 2nd and 3rd year.

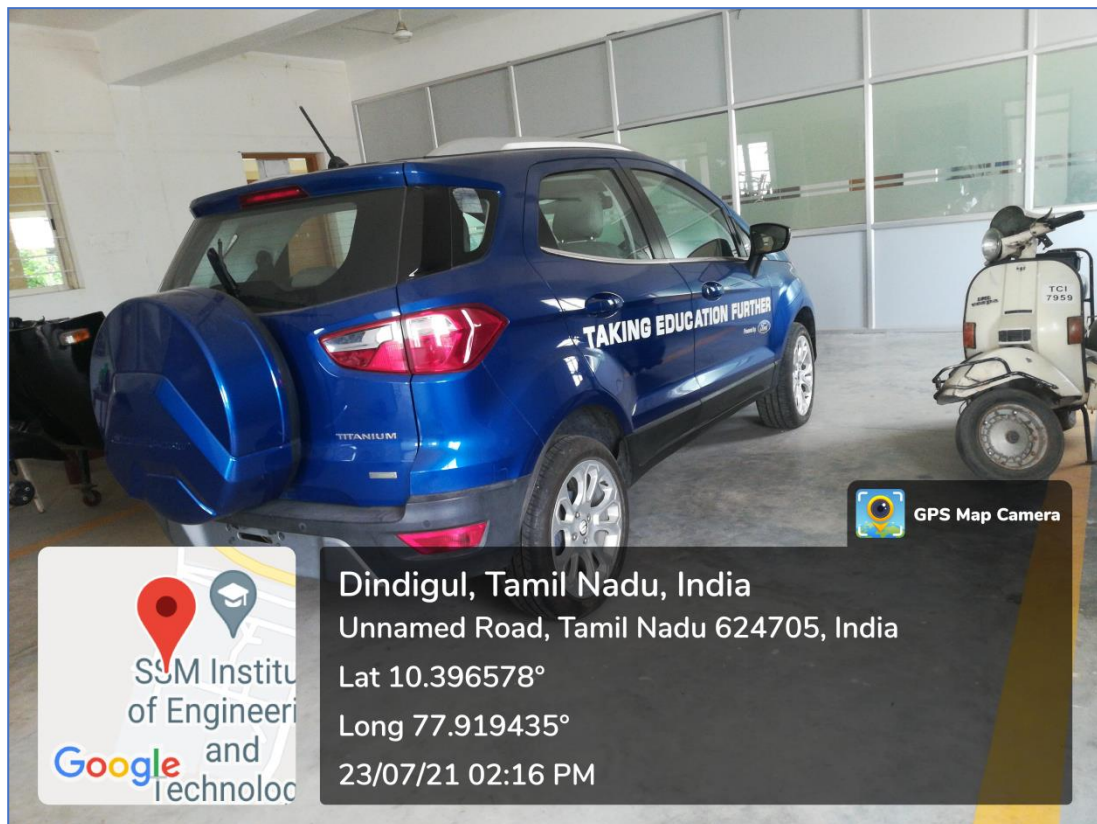
Industry supported Laboratory and activities



MoUs Updates



Ford lab



Ford lab

Industry professionals handling classes for the value added courses

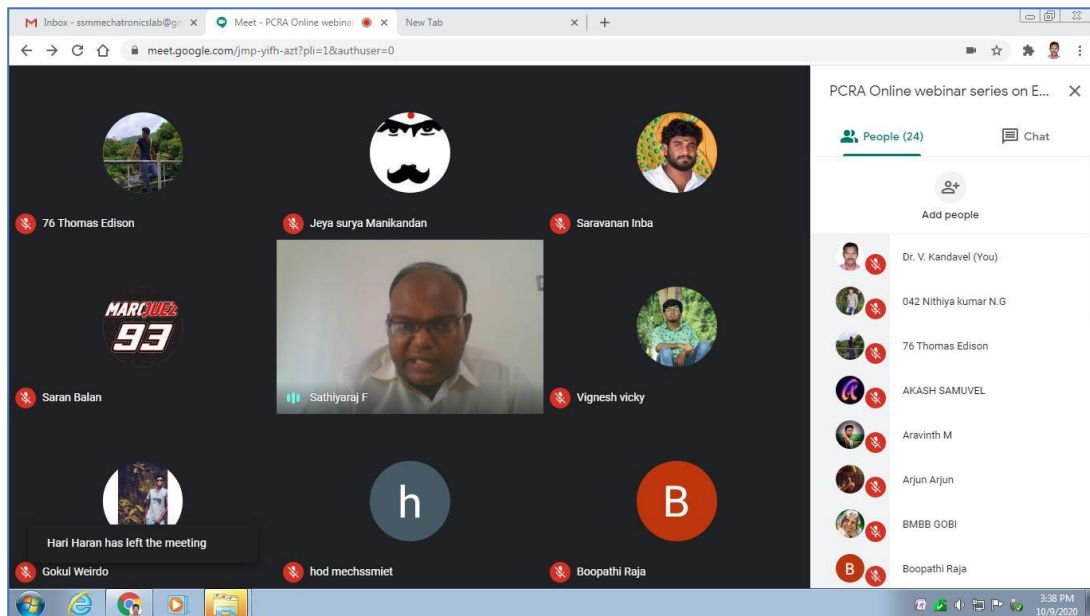
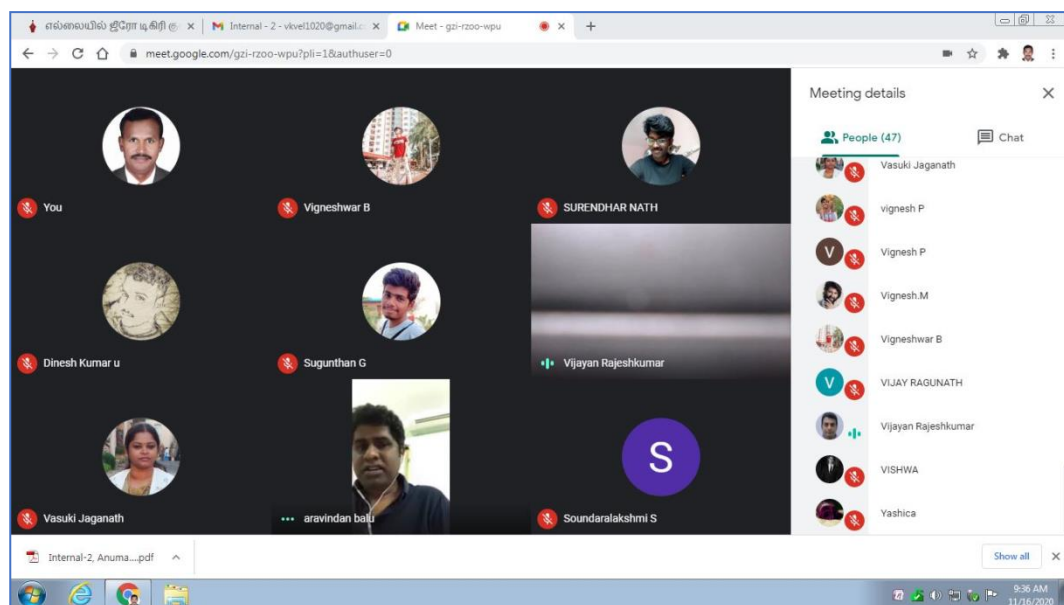


Figure 2.26 Industry-Interaction Guest lecture

In addition to the above, the department organize training program related to current industry trends and demands, and the trainers are outsourced from industry. The alumni coordinator constantly interacts with alumni and requests them to provide necessary guidelines and supports for their junior's industrial visit/internship.



Online Guest lecture Er. B.Aravindhan, TCS, Chennai.

Initiatives related to industry internship / summer training Inplant Training:

Students are instructed to attend 2 weeks internship / summer training programs especially at the end of their 4th and 6th semesters in a relevant industry.

- MoU or tie-up industries with the department of Mechanical Engineering,
- Government organisations / institutions,
- Industries identified based on the student's area of interest,
- Industries referred by the stake holders.

In addition to this, the department organizes training programs related to promising industry trends and job functions. Experts from the reputed industry update the latest technological evolutions to the students.

Initiatives / Implementation and Impact Analysis of industry Internship/ Summer Training are as under:

The internships are arranged collaboratively by the mentors with the industry associates.

The Joining Report, providing the following information sent to the industrial internship coordinator /HoD by the student immediately after joining the organization:

During training, the student keeps a daily record of his/her activities, which is countersigned by the industry supervisor.

The faculty mentor visits / remains in touch with the industry supervisor to monitor the progress of the intern

On completion of training a project report / completion certificate and student feedback are submitted to the industrial internship coordinator / HoD

A Presentation is made by every student on his/her internship report before a panel constituted by the HoD. This is followed by a viva to gauge the course outcome / programme outcome achieved.

Internship is encouraged among students through the implementation of choice based credit system on Regulations 2017.

Students are allowed to undergo internship at Research Organizations / Government training institutes / Public sector units / Reputed academic institutions / Reputed industries/ Industry oriented courses / Online courses during summer and Winter vacation for third and final year.

The industry / organization are to be selected with the approval of the mentor. The internship has to be taken on a continuous basis for the periods mentioned in the same organization or organizations that are similar to those of the previous internship(s).

The implementation of choice-based credit system in Regulations 2017 helps the students to choose the open elective in the academic curriculum of their own interest and motivates them to do project work effectively by taking up internships in industry.

Industry internship and mini project is included as one of the practical course from the Regulation 16 curriculum which motivate the students to prepare them to take projects in industry through internships.

Impact Analysis of Industrial Training

The students are provided with the feedback forms to rate their industrial training / internship. It is done to identify the level of achievement. The feedback is obtained from the students at the end of the semester to assess the achievement of the objectives of the industrial training / summer training / internship / industrial tour as follows

The training helps the student to understand and gain better knowledge towards engineering industry scenario during further studies.

It is a unique opportunity for the students to improve practical skills in the field of Mechanical Engineering.

Learning from the experience gained from the industrial environment tends to redefine the students personality.

The students are well exposed to the industries needs.

Students acquire self confidence through training which in turn increases their placement records in Core industries.

The competent authority has approved vide note dated 22.03.2021 to provide **internship training** for 300 students for every year. The following student is permitted to do internship training, subject to the terms and conditions of NLCIL Neyveli.

NAME OF THE STUDENT	COURSE	COLLEGE / INSTITUTION
1. GURU VIGNESH V M N 2. JAGADHEESH N	B.E./MECH	SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.
TOPIC	DESIGN OF SCRAPER SHAFT FOR VARIABLE FATIGUE LOADING.	
PERIOD	29.03.2022 to 11.04.2022	02 weeks
GUIDE	SHRI. SARAVANAN V/DGM/BOILER MTCE/CPF NO: 34782/TPS-II EXPN/NLCIL.	

The above student are directed to report to **THE CHIEF GENERAL MANAGER/TPS-II EXPN/ NLCIL.**
Three days before the completion of the Internship Training, the student is advised to **report to the Learning & Development Centre with the DRAFT TRAINING REPORT for approval.**
After approval, the Internship Training report shall be presented in the final format along with attendance details and relieving order.

29/3/22
DEPUTY CHIEF MANAGER/HR
LEARNING & DEVELOPMENT CENTRE
Dr. N. GANESH

Ref: SSMIET/023/MAR./2022, Dt 26.03.2022.

The competent authority has approved vide note dated 22.03.2021 to provide **internship training for 300** students for every year. The following student is permitted to do internship training, subject to the terms and conditions of NLCIL Neyveli.

NAME OF THE STUDENT	COURSE	COLLEGE / INSTITUTION
1. EMMAN ADAIKALA RAJ V 2. BARATH S	B.E./MECH	SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.
TOPIC	MAINTENANCE PRACTICE IN BOILER MAINTENANCE-NNTPS.	
PERIOD	29.03.2022 to 11.04.2022	02 weeks
GUIDE	SHRI. RAJAVELU R/ACM/M/BOILER MTCE/CPF NO: 32480/NNTPS/NLCIL.	

The above student are directed to report to **THE CHIEF GENERAL MANAGER/NNTPS/ NLCIL.**

Three days before the completion of the Internship Training, the student is advised to **report to the Learning & Development Centre with the DRAFT TRAINING REPORT for approval.**

After approval, the Internship Training report shall be presented in the final format along with attendance details and relieving order.

To AM/HR

DEPUTY CHIEF MANAGER/HR

Ref: SSMIET/023/MAR./2022, Dt 26.03.2022.

The competent authority has approved vide note dated 22.03.2021 to provide **internship training for 300** students for every year. The following student is permitted to do internship training, subject to the terms and conditions of NLCIL Neyveli.

NAME OF THE STUDENT	COURSE	COLLEGE / INSTITUTION
1. DINESH KUMAR V M 2. AJAY K 3. JOEL PETER S 4. JOSHUA PRINCE S	B.E./MECH	SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.
TOPIC	PERFORMANCE STUDY IN REGENERATIVE AIR PRE-HEATER.	
PERIOD	29.03.2022 to 11.04.2022	02 weeks
GUIDE	SHRI. SARAVANAN A/CM/M/BOILER MTCE/CPF NO: 44166/TPS-I EXPANSION/NLCIL.	

The above student are directed to report to **THE GENERAL MANAGER(O&M)/TPS-I EXPN/ NLCIL.**

Three days before the completion of the Internship Training, the student is advised to **report to the Learning & Development Centre with the DRAFT TRAINING REPORT for approval.**

After approval, the Internship Training report shall be presented in the final format along with attendance details and relieving order.



Tractors and Farm Equipment Ltd
10/205, Kalladiapatti Post, Nilakottai Taluk
Kalladiapatti, Dindigul Dist – 624 201
Tamil Nadu, India
T: +91 73730 27293
Fax: +91 4543 254 515
E mail: corporate@tafe.com
CIN No: U29129TN1960PLC004337
tafe.com

Registered Office:
861 Anna Salai Chennai – 600 002
T: +91 44 2841 5441/ 2858 4918

15-Feb-20

To Whomsoever It May Concern

This is to certify that **A P Karthickeyan** (Reg No: 922116114032) studying final year Mechanical Engineering in SSM Institute of Engineering & Technology, Dindigul has successfully completed in-plant training in TAFE Madurai Operations on 14th & 15th February 2020.

Best Regards,

For TAFE Limited


Chhaya
Human Resources





T V Sundram Iyengar & Sons Private Limited

29/05/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. R.KARANKUMARAN (Reg No:922116114030)** studying IIIrd Year **BE MECHANICAL ENGINEERING** from **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**, Dindigul, has undergone Internship Training in our organisation for exposure and understanding of Fundamental Concepts and Environment System during the period from **21.05.2019 to 28.05.2019**. During the Internship training period his conduct was good.

We wish him all success.

For T V SUNDRAM IYENGAR & SONS PRIVATE LIMITED

ASSISTANT MANAGER – HR & OPERATIONS

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

DEPARTMENT OF MECHANICAL ENGINEERING

Year : II-A,B,C

Semester : IV

Academic Year 2018-2019

INTERNSHIP DETAILS

S.No.	Year/ Section	Reg.no.	Student Name	DATE	Industry Name
1	II-A	922117114001	ADITHYAN B	10.06.2019 - 12.06.2019	THERMAX LTD,AP
2		922117114026	ESAKKI DURAI PANDI M	17.06.2019 - 22.06.2019	SOUTHERN RAILWAY,WORKSHOP TRAINING CENTRE LOCO WORKS,PERAMBUR
3		922117114027	ETHIRAJ YOGESH P	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
4		922117114028	GAJENDREN R	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
5		922117114030	GRACE A	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
6		922117114033	HARI HARAN N (01-10-1999)	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
7		922117114037	HARI KRISHNAN S (27-09-1999)	10.06.2019 - 12.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
8		922117114041	JAYAPRATHAP N	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
9		922117114302	BHARATHI K	17.06.2019 - 22.06.2019	SOUTHERN RAILWAY,WORKSHOP TRAINING CENTRE LOCO WORKS,PERAMBUR
10	II B	922117114043	JEGAN ROY J	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
11		922117114044	JEROME F	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
12		922117114049	KASI VISWANATHAN K	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
13		922117114053	MANICKAVEL V	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
14		922117114054	MANIKANDAN P	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
15		922117114062	MOHAMED SYED ABUTHAHIR M	10.06.2019 - 16.06.2019	MICRON INDUSTRIES,COIMBATORE
16		922117114063	MOHAMED THARIQ G	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
17		922117114064	MONISHKUMAR M	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
18		922117114069	NAVANEETHA KRISHNAN M	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
19	II C	922117114075	NITHIS C	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
20		922117114078	PANDIYA RAJ B	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
21		922117114080	PARTHASARATHI K B	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
22		922116114086	M RAGUL	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
23		922117114087	RAJA RAJEISHWAREN S	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
24		922117114089	RAJGANGA A	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
25		922117114091	ROBINS CHRISTOPHER L	07.12.2018-12.12.2018	EVEREST INDUSTRIES LTD,COIMBATORE
26		922117114092	ROKESHWARAN R	10.06.2019 - 16.06.2019	MICRON INDUSTRIES,COIMBATORE
27		922117114093	SAKTHI SEENIVASAN S	10.06.2019 - 16.06.2019	MICRON INDUSTRIES,COIMBATORE
28	II-C	922117114096	SANTHOSH P (15-02-2000)	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
29		922117114098	SANTHOSH KUMAR S	03.06.2019-10.06.2019	DR TECH,Dindigul
30		922117114101	SARAVANA PANDI M	03.06.2019-10.06.2019	DR TECH,Dindigul
31		922117114103	SATHYANARAYANAN V B	24.05.2019- 07.06.2019	TIMKEN ENGINEERING & RESEARCH INDIA PVT LTD,HOSUR
32		922117114105	SHANE D	23.05.2019-29.05.2019	SUNDARAM INDUSTRIES PVT LTD,MADURAI(TVS RUBBER)
33		922117114106	SIRANJEEVI RAJA A	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
34		922117114107	SIVAPRAKASH M	17.06.2019 - 22.06.2019	SOUTHERN RAILWAY,WORKSHOP TRAINING CENTRE LOCO WORKS,PERAMBUR
35		922117114108	SRINATH M	03.06.2019-10.06.2019	DR TECH,Dindigul
36		922117114109	SURYA PRAKASH J	05.06.2019 - 13.06.2019	SIDDESH CARS
37	II-C	922117114110	THANGAMANI S	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
38		922117114114	VAIKARAI AKASH U	17.06.2019 - 22.06.2019	SOUTHERN RAILWAY,WORKSHOP TRAINING CENTRE LOCO WORKS,PERAMBUR
39		922117114115	VANMUKILAN R	05.06.2019 - 15.06.2019	SIDDESH CARS
40		922117114116	VASANTH S	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
41		922117114118	VIGNESH B	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
42		922117114122	VJAYARAGAVAN G	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
43		922117114123	VINOTH KUMAR R	17.06.2019 - 22.06.2019	SOUTHERN RAILWAY,WORKSHOP TRAINING CENTRE LOCO WORKS,PERAMBUR
44		922117114124	VISHNU BALAJI M	17.06.2019 - 22.06.2019	SOUTHERN RAILWAY,WORKSHOP TRAINING CENTRE LOCO WORKS,PERAMBUR
45		922117114126	YOKESWARAN M S	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK
46	II-C	922117114307	PREMKUMAR G	17.06.2019 - 22.06.2019	SOUTHERN RAILWAY,WORKSHOP TRAINING CENTRE LOCO WORKS,PERAMBUR
47		922117114702	YOGESHWARAN R	10.06.2019 - 15.06.2019	SOUTHERN RAILWAY,CENTRAL WORKSHOP,GOLDENROCK

A.V. [Signature]
Staff Incharge
(A.V.K.)

[Signature]
HoD/Mech

THERMAX LIMITED #2700, PEEPUL BOULEVARD, SRI CITY DTZ, ANDHRA PRADESH 517 646
INDIA ☐ TEL: (08576) 66 2000 ☐ IT PAN – AAAC3910D ☐ Website: www.thermaxglobal.com
☐ Customer Care: 1800 209 0115 (India Toll Free)

Date: 12th June 2019



To Whomsoever It May Concern

This is to certify that **ADITHYAN.B** student of SSM Institute of Engineering and technology, Dindigul -624002 was placed with us for training from **10/06/2019** to **12/06/2019**. This training has been organized as part of his study curriculum.

During the period, he had learnt about Manufacturing process and functions of supporting functions under the guidance of **Mr. Ragul Kumar** (Sr. Executive - Manufacturing Engineering).

ADITHYAN.B has shown his keen interest while doing the project. We found his enthusiastic, diligent and creative. We wish him a bright future.

For Thermax Limited

Authorized Signatory



Dr. S. SURESH
Associate Professor
Tel: 91-431-250 3422/3426
Fax: 91-431-2500133
E-mail: ssuresh@nitt.edu



Department of Mechanical Engineering
National Institute of Technology
Tiruchirappalli 620 015
India
www.nitt.edu

04 June 2019

INTERNSHIP CERTIFICATE

This is to certify that **Mr. M. Ramkumar**, IV Year, Department of Mechanical Engineering, SSM Institute of Engineering & Technology has completed an internship program under my guidance at Nanotechnology Research Laboratory, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli on the topic "*Heat Transfer enhancement & Nanomaterials*" from 22 May 2019 to 04 June 2019. As part of his internship, he has designed an experimental setup for determining the heating and cooling characteristics of phase change materials. He was sincere and keen to learn various research aspects.

I wish him all the best for his future endeavors.


Dr. S. Suresh 4/6/19

Dr. S. SURESH, M.Tech., Ph.D.
Associate Professor
Department of Mechanical Engineering
National Institute of Technology
Tiruchirappalli - 620 015, Tamil Nadu, India



प्रमाणपत्र संख्या Certificate No: 144/19

दक्षिण रेलवे

SOUTHERN RAILWAY

मूल प्रशिक्षण केन्द्र / BASIC TRAINING CENTRE केन्द्रीय कर्मशाला, गोल्डन रॉक / CENTRAL WORKSHOPS, GOLDENROCK

(आई.एस.ओ. 9001:2000, 14001: 2004 व ओ.एस.एच.ए.एस 18001:2007 प्रमाणित कर्मशाला)
(AN ISO 9001 : 2000, 14001 : 2004 & OSHAS 18001 : 2007 CERTIFIED WORKSHOP)

तिरुचिरापल्ली / Tiruchirappalli-620 004.

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी

आत्मज/आत्मजा
के छात्र/छात्रा है.

ने, जो

दिनांक — से — तक की अवधि में केन्द्रीय कर्मशाला, दक्षिण रेलवे, पोन्नमलै-620 004 में इन-प्लान्ट
(व्यावहारिक) प्रशिक्षण पूरा किया है.

This is to certify that Shri/ Smt/Ms A. GIRACE

S/o./D/o. G. ARUL JEYA RAI

Student of B.E (MECHANICAL)

SSM INSTITUTE OF ENGINEERING & TECHNOLOGY, DINDIGUL

has undergone In-plant Training in Central Workshops, Southern Railway, Ponnmalai—620 004 during the
period from 10.06.2019 to 15.06.2019

दिनांक / DATE: 15.06.2019

प्राचार्य/मू.प्र.के/पोन्नमलै

PRINCIPAL / BTC /GOC

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002					
DEPARTMENT OF MECHANICAL ENGINEERING					
Year	: III-A,B,C	Semester	: VI	Academic Year 2018-2019	
INTERNSHIP DETAILS					
S.No.	YEAR /SECTION	Reg.no.	Student Name	DATE	Industry Name
1	III-A	922116114002	Ajay Rathinam K	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
2		922116114010	Ashkar Ali S	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
3		922116114018	Gowtham V M	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
4		922116114020	Hafiz Rahman B	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
5		922116114026	Jenith Praveen Thambu B	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
6		922116114027	Joseph Peter C	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
7		922116114028	Jothimurugan K	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
8		922116114030	Karankumaran R	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
9		922116114031	Karthick N	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
10		922116114031	Karthick N	16.05.2019-25.05.2019	VVR MOTORS PVT LTD.(SUZUKI)
11		922116114032	Karthickeyan A P	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
12		922116114304	Gangatharan S	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
13		922116114306	Johnson V	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
14		922116114308	Karthik M	17.06.2019-21.06.2019	THERMAL POWER STATION TUTICORIN
15	III-B	922116114044	Muthu Arun Kumar A	22.05.2019-04.06.2019	NIT -TRICHY (NANO TECHNOLOGY RESEARCH LABORATORY)
16		922116114061	Ramkumar M	22.05.2019-04.06.2019	NIT -TRICHY (NANO TECHNOLOGY RESEARCH LABORATORY)
17		922116114063	Ram Kumar S	22.05.2019-04.06.2019	NIT -TRICHY (NANO TECHNOLOGY RESEARCH LABORATORY)

A. V. V. 14/6/2019
Staff Incharge
(A. V. V.)

A. V. V. 14/6/2019
HoD/Mech

Industry Visits:

Industry visits organized by the department is given below:

Internship/ summer internship expose the students to work place realities, challenges, and cultures, thereby ensuring that on completion of their programme, the students are industry / corporate world ready

Students understand the importance of ethical practices at the work place

It enables the students and faculty to analyze gaps in the knowledge / skill sets being imparted at the university which then are supplemented by additional courses / trainings during the remaining duration of the programme.

Students can select projects to find solutions to the problems faced by the industries where they intern

The student understands the applications of the theoretical concepts given in the classroom. The student is able to identify emerging job opportunities and the corresponding skillsets required

Students also develop a network of associations / relationships in the organizations they intern with, which translates into industry mentor-mentee relationships

The good performance of interns motivates companies to participate in campus placement process of GU

Students learn to appreciate the inter-disciplinary nature of work environment

Students gain an insight into managerial approaches and importance of team work

Students who wish to pursue higher education are able to choose their future area of specialization in a more focused manner



Industrial visit “Traco Cable Co. Ltd., Kerala”



Industrial Visit at Bharat Rubber, Madurai