



M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)

UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.

(An ISO 9001:2015 Certified Institution)

TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.

Email: principalengg@miet.edu, contact@miet.edu

Website: - www.miet.edu




Ph: 0431 - 2660 303

3.5 Collaborative Activities

3.5.1. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Student Collaboration- Industrial Visit

Sl. No	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Page No
1.	Industrial Visit	Transformers and electricals Kerala Limited, Angamally	IV Year EEE-58	2018	One Day	Industrial Visit	2-19
2.	Industrial Visit	Narayana Energy Care, Wind Power Plant, Aralvaimozhi	III Year EEE-52	2018	One Day	Industrial Visit	20-35
3.	Industrial Visit	Padmavahini Transformers Pvt.Ltd,Coimbatore	II Year EEE-54	2018	One Day	Industrial Visit	36-51


PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007,

INDUSTRIAL VISIT DETAILS

Academic Year 2018-2019

S.No	Year	Date	Industry
1	IV	28.07.2018	Transformers & Electricals Kerala Limited Angamally, Kerala
2	III	01.08.2018	Narayana energy care (Wind power plant), Aralvaimozhi
3	II	29.08.2018	Padmavahini Transformers Private Limited, Coimbatore

[Handwritten Signature]

PRINCIPAL
MIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007



M.I.E.T ENGINEERING COLLEGE, TRICHY - 7
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REQUESTION FOR THE APROVAL OF INDUSTRIAL VISIT

Industrial visit date	Company name	Year	No of students	No of faculty
28.07.2018 (Saturday)	TRANSFORMERS & ELECTRICALS KERALA LIMITED (A joint venture of Government of Kerala and NTPC limited)	IV Year	Total No. of students:50 No. of male students :41 No. of female students:9 No. of male students from hostel:1 No. of female students from hostel:3	No. of gents faculty:02 No. of female faculty:01


Industrial Visit In-charge/EEE


PRINCIPAL
23/07/18


HOD/EEE


CHAIRMAN 26.7.18


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

20.07.2018
Trichy

From:

The Final Year Students,
Department of Electrical and Electronics Engineering,
M.I.E.T. Engineering College,
Trichy-7

To:

The Chairman,
M.I.E.T. Institutions,
Trichy-7

Through: The Principal/ M.I.E.T. Engineering College,

Sir,

Sub: Requisition of permission for Industrial visit – Reg.

We have proposed one day industrial visit at “TRANSFORMERS & ELECTRICALS KERALA LIMITED (A joint venture of Government of Kerala and NTPC limited), Angamaly, Kerala” on 28.07.2018. The company engaged in the design and manufacture of electrical transformers like power transformers, electrical power transformers, distribution transformers and voltage regulating devices. The above equipments are very obliging to known us to enhance our practical knowledge. Consequently we are requested you to give your kind approval to make this process, as early as possible.

Thanking you,

Yours faithfully,


Final year EEE Students.


Industrial Visit In-charge/EEE


HOD/EEE


PRINCIPAL

CHAIRMAN


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007



HOD EEE <eee.hod@miet.edu>

Request for Industrial Visit on28/07/2018-Reg

Telk training <training.telk@gmail.com>
To: HOD EEE <eee.hod@miet.edu>

Fri, Jul 13, 2018 at 3:48 PM

Dear sir,

We are providing industrial visit only on Saturday. Please kindly take note on the following:-

1. Permission Letter from your institution (hard copy) on the day of visit.
3. Time: 10.00 A.M. TO 11.00 A.M. OR 11.00 A.M. to 12 (afternoon).
4. Fees to be remitted (Including Faculty) : Rs.295 per persons=63*295=(Eighteen Thousand Five Hundred and Eighty Five Only)
5. Fees amount shall be remitted through Demand Draft drawn in favor of TELK, Angamally payable at Angamally.

Industrial visit shall be allowed only after remittance of the DD on the day of visit.

With Regards
TEAM HR
[Quoted text hidden]


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPAL! I - 620 007

TRANSFORMERS & ELECTRICALS KERALA LIMITED

(A joint venture of Government of Kerala and NTPC limited), Angamaly, Kerala

About the company

The year was 1963. The Government of Kerala entered into a technical and financial collaboration agreement with M/s. Hitachi Limited, Japan to set up a fully fledged unit for designing and manufacturing Extra High Voltage Electrical equipments in India. Christened Transformers and Electricals Kerala Limited (TELK), the venture was to revolutionize the electric power equipment field. Located at Angamaly, the southern most peninsula in the State of Kerala in India, the first product rolled out from TELK in 1966. Starting off with power transformers, it later extended its product range to Instrument Transformers, SF6 Gas Circuit Breakers, Shunt and Series Reactors, Isolated Phase Bus Ducts, Tap Changers etc. TELK gave India, its first 400kV Class Transformer, First 315MVA Auto Transformer and Generator Transformer for India's first 500MW Thermal Unit.

TELK, an ISO 9001 certified company since 1995, has been a pride of the State of Kerala. The fruitful collaboration with global power giant Hitachi Ltd., Japan has enabled TELK to carve out a preeminent niche in the manufacture of EHV equipments and establish itself as a quality supplier in the transformer industry. TELK carries the quality image and ethos of Hitachi, Japan. This could help the Company to establish a brand image of its own. TELK is a synonym for quality in the EHV power field in India and at TELK, quality is a way of life. TELK is an approved high quality supplier to all power utilities in India and many prestigious utilities abroad.

TELK first exported its products to Tanzania in 1972 by supplying two 50 MVA, 132 kV Transformers. In the 1990s TELK revamped its export activities and exported transformers to the Sultanate of Oman and 330 kV Gas Circuit Breakers to Nigeria in 1994. This was followed by a number of export contracts executed to various countries such as Indonesia, Malaysia, Nigeria, Mauritius, Singapore, Nepal, and Bangladesh etc. A milestone in TELK's export operations was an order from M/s DUKE FLOUR DANIEL, USA, in 1997, for the supply of 11 power transformers of capacity ranging from 50 MVA to 100 MVA..

A new era in TELK's history has been ushered in the year 2007, when TELK entered into a Business Collaboration & Shareholders Agreement with M/s. NTPC Limited, the largest Power Utility in India. This has paved the way for TELK to augment its efforts for higher orbit of success and growth. By joining hands with NTPC, a Maharatna Company, TELK will be able to attain the path of high growth and will be able to beat competition in the Industry in the highly challenging industrial scenario. By joining a Central PSU which is the principal Power Generation Company in the Country, the demand in the power sector can be tapped to the maximum. TELK is aiming for a prosperous future in the wake of the Joint Venture between Government of Kerala and NTPC Limited and soon will have access to 765kV Class technology and thus will have the right environment to achieve higher turnover and profits. With the reforms in the power sector imminent, TELK is gearing up to face the challenges and opportunities that the market will throw up.

Learning experience

- Students can get more knowledge in Assembly section, Furnace and ventilation section, Insulation section, Coil making section, Testing section and control section.
- In Assembly section, Students can able to observe how to manufacture transformer like core type transformer and shell type transformer with proper insulation and more practical knowledge of design of different types of transformer with different rating.
- In Insulation section, Students can able to observe how to insulate between primary and secondary winding using paper and to minimize eddy current losses and hysteresis losses in transformer.
- In coil section, students can able to observe which type of core - nickel iron alloy core used and how to make coil winding in transformer core. In testing section, students can able to observe output of designed transformer for given input.
- Students can obtain more knowledge of design, assembly and working of different rating of transformer like 22KV, 33KV & 132KV distribution transformer, Two phase transformer, auto transformer and applications of transformer in different fields like wind energy generation, steel industry, transmission and distribution.


PRINCIPAL
MIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007

Male students Faculty In-charge List

SL.NO.	ROLL NO	REG. NO	NAME OF THE STUDENT
1	E1153001	812415105001	ABIRAM SAM SEELAN.V
2	E1153003	812415105003	AJITH KUMAR.C
3	E1153004	812415105004	ALAGESAN.M
4	E1153005	812415105005	AMEER SUHAILS
5	E1153012	812415105012	GOVINDARAJ.B
6	E1153013	812415105013	JAYABALAN.M
7	E1153014	812415105014	JENNERSON.I
8	E1153015	812415105015	LEOANTONY.W
9	E1153016	812415105016	MAHESHWARAN.K
10	E1153017	812415105017	MANIMARAN.K
11	E1153020	812415105021	MOHAMED MUSTAQ.M.S
12	E1153021	812415105022	MOHAMED NABIL.B
13	E1153022	812415105023	MOHAMED NASURUDEEN.J
14	E1153024	812415105025	MOHAMED THAGIR.M
15	E1153025	812415105026	MOHAMED THAREEK.A
16	E1153026	812415105028	MOHAMED YASIR ARABATH.M
17	E1153027	812415105018	MOHAMEDASIK.J
18	E1153028	812415105027	MOHAMED YASEER.M
19	E1153034	812415105034	PANDIYAN.G
20	E1153036	812415105036	PON MANIKANDA PRABHU.B
21	E1153038	812415105038	PRAVEENKUMAR.S.P
22	E1153040	812415105040	RAGUL.V
23	E1153041	812415105041	RAVICHANDRAN.B
24	E1153043	812415105043	SALMANKHAN.S
25	E1153045	812415105045	SENTHIL KUMAR.P
26	E1153047	812415105047	SHEIK ABDUL AZEEZ.A
27	E1153048	812415105048	SHEIK ABDULLASHA.J
28	E1153049	812415105049	SHEKABDULLA.S
29	E1153050	812415105050	SIVA KUMAR.M
30	E1153051	812415105051	SIVASANKAR.S
31	E1153055	812415105055	THUNGABDULRAHMAN.S
32	E1153059	812415105059	VIGNESH.V (18-01-1996)
33	E1153061	812415105061	VINOTH.G
34	E2163063	812415105302	ANIFNABI. A
35	E2163066	812415105305	JOSEPH PRABAKARAN. R
36	E2163067	812415105306	KIRUBAANETHI. C.M
37	E2163069	812415105308	MOHAMED MUSTAK ALI. M
38	E2163071	812415105310	PRAKASH. B
39	E2163072	812415105311	SATHISH. M
40	E2163073	812415105312	SINEHAVARAN. M
41	E2163074	812415105313	YASAR. M

V. Arid
 C. Arid
 M. Arid
 S. Arid
 B. Arid
 N. Arid
 I. Arid
 W. Arid
 K. Arid
 K. Arid
 M.S. Arid
 B. Arid
 J. Arid
 M. Arid
 A. Arid
 P. Arid
 B. Arid
 S. Arid
 V. Arid
 B. Arid
 S. Arid
 P. Arid
 A. Arid
 J. Arid
 M. Arid
 R. Arid
 C.M. Arid
 M. Arid
 B. Arid
 M. Arid
 M. Arid
 H. Arid

Female students Faculty In-charge List

S.No	Roll No	Reg No	Name
1.	E1153009	812415105009	DHIVYA.B
2.	E1153029	812415105029	MUTHUMARIE
3.	E1153031	812415105031	NANDHINI.J
4.	E1153032	812415105032	NITHYA.R
5.	E1153035	812415105035	PAVITHRA.E
6.	E1153039	812415105039	PRIYANKA.S
7.	E1153042	812415105042	RUBI.R
8.	E1153046	812415105046	SHAHANA BEGAM.S
9.	E1153052	812415105052	SOWNDHARYA.S

B. D. J.
E. Muthumari
J. Nandhini
R. Nithya
E. Pavithra
S. Priyanka
R. Rubi
S. Shahana Begam
S. Sowndharya

A. J.
PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007



M.I.E.T ENGINEERING COLLEGE, TRICHY - 7
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty, Students Gender List

Gender	Male Students	Female Students	Male Staff	Female staff
Total	41	9	2	1

A. S. S.
PRINCIPAL

MIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007

Male students Faculty In-charge List

SL.NO.	ROLL NO	REG. NO	NAME OF THE STUDENT	Faculty Incharge
1	E1153001	812415105001	ABIRAM SAM SEELAN.V	S.Pandirajan AP/EE
2	E1153003	812415105003	AJITH KUMAR.C	
3	E1153004	812415105004	ALAGESAN.M	
4	E1153005	812415105005	AMEER SUHAIL.S	
5	E1153012	812415105012	GOVINDARAJ.B	
6	E1153013	812415105013	JAYABALAN.M	
7	E1153014	812415105014	JENNERSON.I	
8	E1153015	812415105015	LEOANTONY.W	
9	E1153016	812415105016	MAHESHWARAN.K	
10	E1153017	812415105017	MANIMARAN.K	
11	E1153020	812415105021	MOHAMED MUSTAQ.M.S	
12	E1153021	812415105022	MOHAMED NABIL.B	
13	E1153022	812415105023	MOHAMED NASURUDEEN.J	
14	E1153024	812415105025	MOHAMED THAGIR.M	
15	E1153025	812415105026	MOHAMED THAREEK.A	
16	E1153026	812415105028	MOHAMED YASIR ARABATH.M	
17	E1153027	812415105018	MOHAMEDASIK.J	
18	E1153028	812415105027	MOHAMED YASEER.M	
19	E1153034	812415105034	PANDIYAN.G	
20	E1153036	812415105036	PON MANIKANDA PRABHU.B	
21	E1153038	812415105038	PRAVEENKUMAR.S.P	
22	E1153040	812415105040	RAGUL.V	
23	E1153041	812415105041	RAVICHANDRAN.B	
24	E1153043	812415105043	SALMANKHAN.S	
25	E1153045	812415105045	SENTHIL KUMAR.P	
26	E1153047	812415105047	SHEIK ABDUL AZEEZ.A	
27	E1153048	812415105048	SHEIK ABDULLASHA.J	
28	E1153049	812415105049	SHEKABDULLA.S	
29	E1153050	812415105050	SIVA KUMAR.M	
30	E1153051	812415105051	SIVASANKAR.S	
31	E1153055	812415105055	THUNGABDULRAHMAN.S	
32	E1153059	812415105059	VIGNESH.V (18-01-1996)	
33	E1153061	812415105061	VINOTH.G	
34	E2163063	812415105302	ANIFNABI. A	
35	E2163066	812415105305	JOSEPH PRABAKARAN. R	
36	E2163067	812415105306	KIRUBAANETHI. C.M	
37	E2163069	812415105308	MOHAMED MUSTAK ALI. M	
38	E2163071	812415105310	PRAKASH. B	
39	E2163072	812415105311	SATHISH. M	
40	E2163073	812415105312	SINEHAVARAN. M	
41	E2163074	812415105313	YASAR. M	

Female students Faculty In-charge List

S.No	Roll No	Reg No	Name	Faculty Incharge
1.	E1153009	812415105009	DHIVYA.B	S.Usha AP/English
2.	E1153029	812415105029	MUTHUMARLE	
3.	E1153031	812415105031	NANDHINI.J	
4.	E1153032	812415105032	NITHYA.R	
5.	E1153035	812415105035	PAVITHRA.E	
6.	E1153039	812415105039	PRIYANKA.S	
7.	E1153042	812415105042	RUBI.R	
8.	E1153046	812415105046	SHAHANA BEGAM.S	
9.	E1153052	812415105052	SOWNDHARYA.S	

FACULTY MEMBERS

The following faculty members are accompanying students of Final year Electrical and Electronics engineering for an industrial visit.

Faculty Name	Mobile number	Signature
S.Pandiarajan	9894894107	<i>S. Pandiarajan</i>
G.Gurumoorthy	9488049134	<i>G. Gurumoorthy</i>
S.Usha	9789275232	<i>S. Usha</i>

K. Usha
 Industrial Visit In-charge/EEE

[Signature]
 23/11/19
 HOD/EEE

[Signature]
PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007



TRANSFORMERS AND ELECTRICALS KERALA LIMITED
(A Joint Venture of Government of Kerala & NTPC Limited)



Our Ref:

HR/112/18/

27th July 2018

The Principal,
MIET Engineering College
Gundur, Tiruchirapalli. 620 007

Dear Sir,

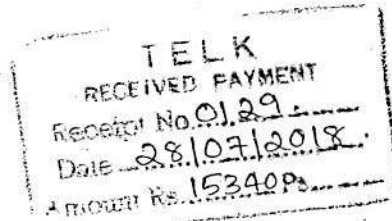
Sub: Factory Visit – Reg.
Ref: Your letter and e-mail conversation.

With reference to your letter cited, permission is granted to a group of 49 students and 3 faculty of your Institution to visit our factory at 10.00 a.m. on Saturday, the 28th July 2018.

We have made necessary arrangements to conduct them around the factory.

Thanking you,

Yours faithfully,



[Signature]
27/7/18
Manager (HR)

- NB : 1. Visitors should wear tight fit dress while on factory visit. They are prohibited from carrying cash or valuables or mobile phones with them while entering the factory. Visitors should bring the college identity card.
2. No certificate regarding factory visit will be given.

[Signature]
PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

REPORT ON ONE DAY INDUSTRIAL VISIT

Name of the Industry : TRANSFORMERS & ELECTRICALS
KERALA LIMITED

Place of Visit : ANGAMALLY, KERALA

Date of Visit : 28.07.2018

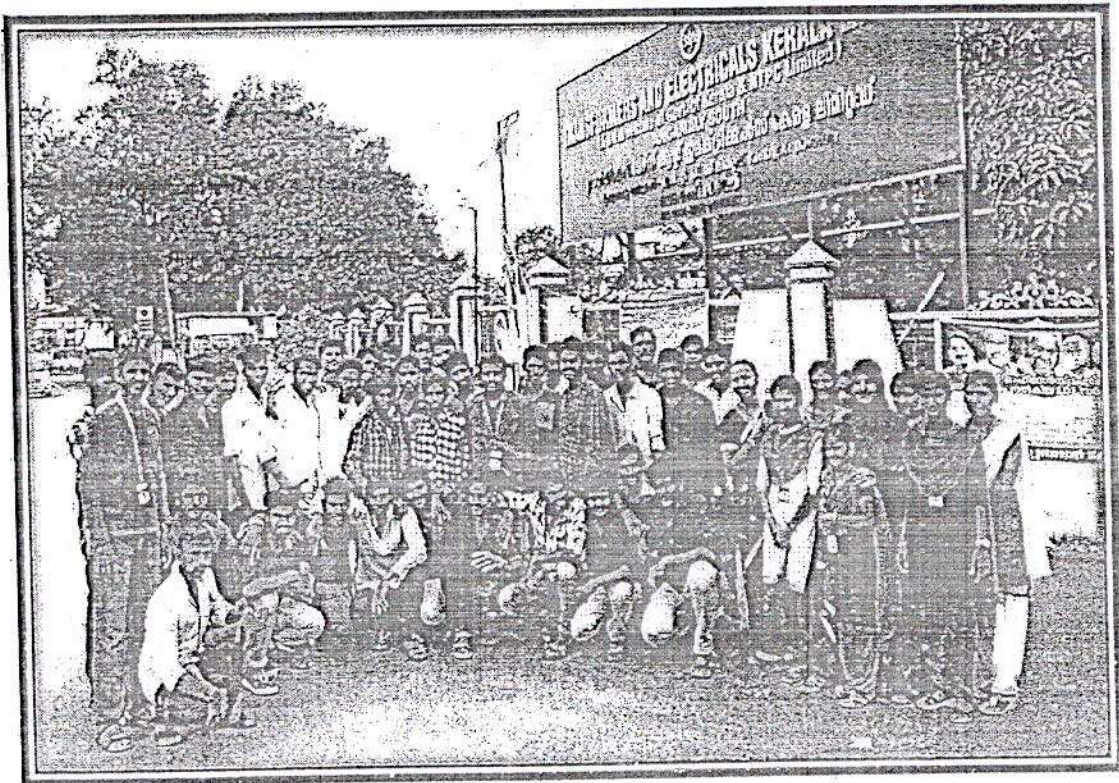
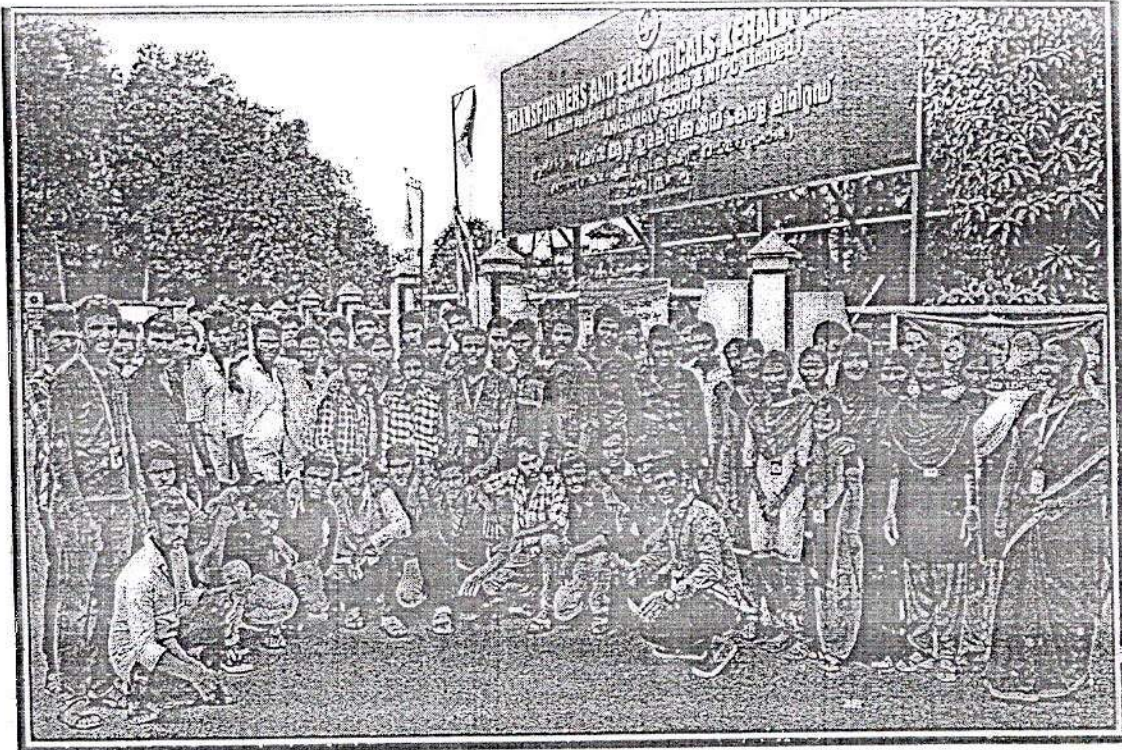

PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007


Report on One Day Industrial Visit

01	Company (s) Visited	TRANSFORMERS & ELECTRICALS KERALA LIMITED	
02	Number of Students	Boys	48
		Girls	10
03	Faculty Coordinators	Male	2
		Female	1
04	Date & Time of Industrial Visit	28/ 07 /2018	Time :10.30 to1.30pm
05	Approval Date	26.07.2018	
06	Objective of the Visit	<p>Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum, mainly seen in engineering courses. An objective of industrial visit is to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices.</p>	
07	Company Profile & Learning Experience	<p>The year was 1963. The Government of Kerala entered into a technical and financial collaboration agreement with M/s. Hitachi Limited, Japan to set up a fully fledged unit for designing and manufacturing Extra High Voltage Electrical equipments in India. Christened Transformers and Electricals Kerala Limited (TELK), the venture was to revolutionize the electric power equipment field. Located at Angamaly, the southern most peninsula in the State of Kerala in India, the first product rolled out from TELK in 1966. Starting off with power transformers, it later extended its product range to Instrument Transformers, SF6 Gas Circuit Breakers, Shunt and Series Reactors, Isolated Phase Bus Ducts, Tap Changers etc. TELK gave India, its first 400kV Class Transformer, First 315MVA Auto Transformer and Generator Transformer for India's first 500MW Thermal Unit.</p> <p>A new era in TELK's history has been ushered in the year 2007, when TELK entered into a Business Collaboration & Shareholders Agreement with M/s. NTPC Limited, the largest Power Utility in India. This</p>	

		<p>has paved the way for TELK to augment its efforts for higher orbit of success and growth. By joining hands with NTPC, a Maharatna Company, TELK will be able to attain the path of high growth and will be able to beat competition in the Industry in the highly challenging industrial scenario. By joining a Central PSU which is the principal Power Generation Company in the Country, the demand in the power sector can be tapped to the maximum. TELK is aiming for a prosperous future in the wake of the Joint Venture between Government of Kerala and NTPC Limited and soon will have access to 765kV Class technology and thus will have the right environment to achieve higher turnover and profits. With the reforms in the power sector imminent, TELK is gearing up to face the challenges and opportunities that the market will throw up.</p> <p><u>Learning experience</u></p> <ul style="list-style-type: none"> ➤ Students can get more knowledge in Assembly section, Furnace and ventilation section, Insulation section, Coil making section, Testing section and control section. ➤ In Assembly section, Students can able to observe how to manufacture transformer like core type transformer and shell type transformer with proper insulation and more practical knowledge of design of different types of transformer with different rating. ➤ In Insulation section, Students can able to observe how to insulate between primary and secondary winding using paper and to minimize eddy current losses and hysteresis losses in transformer. ➤ In coil section, students can able to observe which type of core - nickel iron alloy core used and how to make coil winding in transformer core. In testing section, students can able to observe output of designed transformer for given input. ➤ Students can obtain more knowledge of design, assembly and working of different rating of transformer like 22KV, 33KV & 132KV distribution transformer, Two phase transformer, auto transformer and applications of transformer in different fields like wind energy generation, steel industry, transmission and distribution.
--	--	--

A. Arif
PRINCIPAL





PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI 1 - 620 007

08	Programme Schedule (As executed)	Time	Activities
		10.00 P.M(27.07.2018)	Departure from M.I.E.T. Campus
		06.00 A.M	Refreshment in Angamally
		09.00 A.M	Breakfast
		10.00 A.M	Reaching the company
		10.30 A.M	Visiting the company
		01.30 P.M	Returning to bus
		02.00 P.M	Lunch
		02.40 P.M	Leaving from Kerala
		08.00 P.M	Dinner
		04.00 A.M	Return to M.I.E.T
09	Brief about the Students Observation	<p>Students got more knowledge in Assembly section, Furnace and ventilation section, Insulation section, Coil making section, Testing section and control section.</p> <p>In Assembly section, Students observed how to manufacture transformer like core type transformer and shell type transformer with proper insulation and more practical knowledge of design of different types of transformer with different rating.</p> <p>In Insulation section, Students got how to insulate between primary and secondary winding using paper and to minimize eddy current losses and hysteresis losses in transformer.</p> <p>In coil section, students got which type of core - nickel iron alloy core used and how to make coil winding in transformer core. In testing section, students got output of designed transformer for given input.</p>	
10	Conclusion	<p>Students got more knowledge of design, assembly and working of different rating of transformer like 22KV, 33KV & 132KV distribution transformer, Two phase transformer, auto transformer and applications of transformer in different fields like wind energy generation, steel industry, transmission and distribution.</p>	
11	Attachments (Scanned Photos of the Industrial Visit)	Attached	


Industrial Visit In-charge/EEE


HoD/EEE


HoD/T&P



Principal



PRINCIPAL
MIET ENGINEERING COLLEGE
BUNDUR, TIRUCHIRAPALI - 620 007

REQUESTION FOR THE APROVAL OF INDUSTRIAL VISIT


Industrial visit date	Company name	Year	No of students	No of faculty
01.08.2018	Narayana energy care (Wind power plant), Aralvaimozhi	III Year	Total No. of students:58 No. of male students :48 No. of female students:10 No. of male students from hostel:2 No. of female students from hostel:2	No. of gents faculty:02 No. of female faculty:01



 Industrial Visit In-charge/EEE


 HOD/EEE


 Training and Placement in charge


 PRINCIPAL


 CHAIRMAN


 PRINCIPAL
 MIET ENGINEERING COLLEGE
 BUNDUR, TIRUCHIRAPALI - 620 007

30.07.2018
Trichy

From:

The Third year Students,
Department of Electrical and Electronics Engineering,
M.I.E.T. Engineering College,
Trichy-7

To:

The Chairman,
M.I.E.T. Institutions,
Trichy-7

Through: The Principal/ M.I.E.T. Engineering College,

Sir,


Sub: Requisition of permission for Industrial visit – Reg.

We have proposed one day industrial visit at “Narayana energy care (Wind power plant), Aralvaimozhi” on 01.08.2018. The company engaged in the wind power generation contractor in TNEB. The above renewable energy generation are very obliging to known us to enhance our practical knowledge. Consequently we are requested you to give your kind approval to make this process, as early as possible.

Thanking you,

Yours faithfully,


Second year EEE Students.


Industrial Visit In-charge/EEE


HOD/EEE
f


PRINCIPAL

CHAIRMAN


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007



HOD EEE <eee.hod@miet.edu>

Request for Industrial Visit on 01/08/2018 or 03/08/2018-Reg

Narayana Care <nec_windmill@mail.com>

Mon, Jul 30, 2018 at 2:44 PM

To: "nec_windmill@mail com" <nec_windmill@mail.com>, HOD EEE <eee.hod@miet.edu>

Ok you will come 01/08/2018

Sent from my Android phone with mail.com Mail. Please excuse my brevity.

[Quoted text hidden]


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

NARAYANA ENERGY CARE

About the company

- **NARAYANA ENERGY CARE** a small service team started its career in 2006 and today risen to 100 odd members rendering services to the renewable energy industry.
- NEC driven by the power and prowess of people. The organization hierarchy is modeled on a professional approach, allowing us to leverage technical expertise and technological competence to maximize efficiency. Technical heads spearhead our divisions, and are backed by a team of skilled, trained professionals.
- NEC has a rich experience in Assembling, Erecting and commissioning wind turbine projects across locations. Structures and components of wind turbines need to sufficiently accomplish their intended purposes during each stage of operation for which we ensures that quality management measures are adequately implemented during the erection of a wind turbine. Critical care and controlled monitoring / inspections are undertaken at every stage to ensure compliance with the different location-oriented requirements of setting up a wind project.
- Narayana Energy Care operations and maintenance teams are committed to extracting longer life spans and higher returns from every wind turbine we install. Their operations and maintenance efforts ensures maximum energy yield in accordance with onsite climate and grid conditions.

LEARNING EXPERIENCE:

- Students can design projects at all levels are increasingly focused on the renewable energy sources and systems due to the increased emphasis in the INDIA, on clean energy innovation, generation, manufacturing and commercialization.
- Students will also learn how to sustain the wind generated by a fan or hairdryer at medium speed at 2 feet and rotate, lifting a small object upward.
- Students explore the impact of how technology can positively impact the world by learning about wind energy and equipment used for both site testing and the conversion of wind to energy.
- Students explore the technology behind wind energy, find out about site studies, and work in teams to develop a windmill out of everyday items.
- Students can acquire more knowledge about 10kw generator, from 60-foot tower to 100-foot tower cracking prone of aluminum tower and power conditioning unit.

M.I.E.T. ENGINEERING COLLEGE, TIRUCHIRAPALI
B.E. ELECTRICAL & ELECTRONICS ENGINEERING (2016-2020)

III YEAR V SEMESTER - A
INDUSTRIAL VISIT

SL.NO.	ROLL NO	REG. NO	NAME OF THE STUDENT	Willing / Not willing	Signature
1	E 1163001	812416105001	ABDULLAH J	willing	J. Arbab
2	E 1163002	812416105002	AJMAL AHAMED MARAICARY	willing	A. Arbab
3	E 1163003	812416105003	ANANDHU S R	Not willing	.
4	E 1163004	812416105005	ARMAN SALIH AHMAD.A	Willing	Arman
5	E 1163005	812416105006	ARULSAKTHI V	willing	Arul
6	E 1163006	812416105007	AZARUDEEN S	Not willing	Azaru
7	E 1163008	812416105009	BHUVANESHWARI K	Not willing	Bhuvan
8	E 1163009	812416105010	BRITTO S	willing	S. Britto
9	E 1163010	812416105011	CHANDHRU G	Willing	G. Chandru
10	E 1163011	812416105012	DINAKARAN T	willing	T. Dinakaran
11	E 1163012	812416105013	DIVAKARAN N	willing	N. Divakaran
12	E 1163013	812416105014	ELANSEZHIAN M	willing	M. Elansezhian
13	E 1163014	812416105015	FAROOK DHEEN P	willing	P. Farook
14	E 1163015	812416105016	GANESHKUMAR J	willing	J. Ganeshkumar
15	E 1163016	812416105017	GAYATHRI N	Willing	N. Gayathri
16	E 1163017	812416105018	HAJA NAJIMUDEEN A	willing	A. Haja Najimudeen
17	E 1163018	812416105019	JAFFER HUSSAIN S	Willing	S. Jaffer Hussain
18	E 1163019	812416105020	JUDITH A	Willing	A. Judith
19	E 1163020	812416105021	KALAITHASAN P	willing	P. Kalaithasan
20	E 1163021	812416105022	KALPANA K	Willing	K. Kalpana
21	E 1163023	812416105024	KAYALARASU N	willing	N. Kayalarasu
22	E 1163024	812416105025	KIRUTHIKA J	Willing	J. Kiruthika
23	E 1163025	812416105026	MANIKANDAN M	willing	M. Manikandan
24	E 1163026	812416105027	MANIKANDAN P	Willing	P. Manikandan
25	E 1163027	812416105034	MOHAMED SHALIK M Y	Not willing	M. Shalika
26	E 1163028	812416105028	MOHAMED ABDUL MALIK R	willing	R. Mohamed
27	E 1163030	812416105030	MOHAMED ASLAM S	Willing	S. Mohamed Aslam
28	E 1163031	812416105031	MOHAMED BASHAJAN A	Not willing	A. Bashajan
29	E 1163032	812416105032	MOHAMED BASITH S	Not willing	S. Mohamed Basith
30	E2173065	812416105302	ARUN NISHANTHAN.N	willing	N. Arun Nishanthan
31	E2173066	812416105303	DHEENADAYALAN Y	Not willing	Y. Dheenadayalan
32	E2173068	812416105306	MANIKANDAN.T	Willing	T. Manikandan
33	E2173069	812416105307	MOHAMED ETHAYATH.R	willing	R. Mohamed Ethayath
34	E2173070	812416105308	MOHAMED JAINUDEEN.J.B	willing	J. Mohamed Jainudeen
35	E2173071	812416105309	MOHAMED KHAN M	willing	M. Mohamed Khan
36	E2173072	812416105310	MOHAMED RHWAN ROSLAN.H	willing	H. Mohamed Rwan Roslan

M. I. E. T. ENGINEERING COLLEGE, TRICHY-07
B.E. ELECTRICAL & ELECTRONICS ENGINEERING (2016-2020)

III YEAR V SEMESTER- B
INDUSTRIAL VISIT

SL.NO.	ROLL NO	REG. NO	NAME OF THE STUDENT	Willing / Not willing	Signature
1	E 1163033	812416105033	MOHAMED ISMAIL R	Willing	Raj
2	E 1163034	812416105035	MUHAMMED ALTHAF S	Not willing	Albert
3	E 1163035	812416105036	NANCY D	Willing	Nancy
4	E 1163036	812416105037	NAZAR M	Willing	Nazar
5	E 1163037	812416105038	NISHA U	Willing	Nisha
6	E 1163038	812416105039	NIVEDHA S	Willing	Nivedha
7	E 1163039	812416105040	PAVITHRA J	Willing	Pavithra
8	E 1163040	812416105041	PRADEEP R	Not willing	Pradeep
9	E 1163041	812416105042	RAM KAVI N	Not willing	Ram
10	E 1163043	812416105044	RIYAS MOHAMED A	Not willing	Riyas
11	E 1163044	812416105045	RIYAZ AHAMED S	Not willing	Riyaz
12	E 1163045	812416105046	ROOBAN RAJ J	Not willing	Rooban
13	E 1163046	812416105047	SAKTHIVEL J	Not willing	Sakthivel
14	E 1163047	812416105048	SALAM B	Willing	Salam
15	E 1163048	812416105049	SALMAN KHAN I	Willing	Salman
16	E 1163049	812416105050	SAMEERALI S	Willing	Sameer
17	E 1163050	812416105051	SARAVANAKUMAR G	Not willing	Saravan
18	E 1163051	812416105052	SARAVANAN R	Willing	Saravan
19	E 1163052	812416105053	SEENI MOHAMED S	Willing	Seeni
20	E 1163053	812416105054	SELLARASU M	Willing	Sellarasu
21	E 1163054	812416105055	SHAIK RAHUMAN S	Not willing	Shai
22	E 1163055	812416105056	SHANMUGARAJA J	Willing	Shanmuga
23	E 1163056	812416105057	SIVARANJANI M	Willing	Sivara
24	E 1163057	812416105058	SRIHARI S	Willing	Srihari
25	E 1163058	812416105059	SUJITH S	Willing	Sujith
26	E 1163059	812416105060	THAMARASELVAN B	Willing	Thama
27	E 1163060	812416105061	THERESLINE JOICE J	Willing	Theres
28	E 1163061	812416105062	THIVAKAR D	Willing	Thiva
29	E 1163062	812416105063	VIGNESH V	Willing	Vignesh
30	E 1163063	812416105064	VIKRAM S	Willing	Vikram
31	E2173073	812416105311	MUHAMED RISHWAN	Willing	Muham
32	E2173074	812416105312	RAJ MOHAMED	Willing	Raj
33	E2173075	812416105313	SAIYADRIHAAN	Willing	Saiya
34	E2173076	812416105314	SAMI NATHAN	Willing	Sami
35	E2173077	812416105315	SHEIK ISMAIL	Willing	Sheik
36	E2173078	812416105316	SYED YASHIP	Willing	Syed
37	E2173079	812416105317	VINOTH	Willing	Vinoth
38	E2173080	812416105318	YACOB NATHAN	Willing	Yacob



M.I.E.T ENGINEERING COLLEGE, TRICHY - 7
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty, Students Gender List

Gender	Male Students	Female Students	Male Staff	Female staff
Total	48	10	2	1

PRINCIPAL


MIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007

Male students Faculty In-charge List

S.No	Roll No	Reg No	Name	Faculty In-charge
1.	E1163001	812416105001	Abdullah. J	K.Arunkumaran AP/EEE
2.	E1163002	812416105002	Ajmal Ahamed Maraicar.Y	
3.	E1163004	812416105005	Arman salih Ahamad.A	
4.	E1163005	812416105006	Arulsakthi.V	
5.	E1163009	812416105010	Britto.S	
6.	E1163010	812416105011	Chandhru.G	
7.	E1163011	812416105012	Dinakaran.T	
8.	E1163012	812416105013	Divakaran.N	
9.	E1163013	812416105014	Elansezhiyan.M	
10.	E1163015	812416105016	Farookdhen.P	
11.	E1163017	812416105018	Haja Najimudeen. A	
12.	E1163018	812416105019	Jaffer Hussain. S	
13.	E1163020	812416105021	Kalaithasan.P	
14.	E1163023	812416105024	Kayalarasu.N	
15.	E1163025	812416105026	Manikandan.M	
16.	E1163026	812416105027	Manikandan.p	
17.	E1163027	812416105034	Mohamed shalik.MY	
18.	E1163028	812416105028	Mohamed Abdul Malik.R	
19.	E1163030	812416105030	Mohamed aslam.S	
20.	E1163031	812416105031	Mohamed bashajan.A	
21.	E2173065	812416105302	Arun Nishanthan.N	
22.	E2173068	812416105306	Manikandan.T	
23.	E2173069	812416105307	Mohamed Ethayath.R	
24.	E2173070	812416105308	Mohamed Jainudeen.J.B	
25.	E2173071	812416105309	Mohamed khan.M	
26.	E2173072	812416105310	Mohamed Rishwan Roslan.H	
27.	E1163033	812416105033	Mohamed ismail.R	
28.	E1163036	812416105037	Nazar.M	
29.	E1163047	812416105048	Salam.B	
30.	E1163048	812416105049	Salman Khan.I	
31.	E1163049	812416105050	Sameerali.S	
32.	E1163052	812416105053	Seeni Mohamed.S	
33.	E1163053	812416105054	Sellarasu.M	
34.	E1163055	812416105056	Shanmugaraja.J	
35.	E1163057	812416105058	Srihari.S	
36.	E1163058	812416105059	Sujith.S	
37.	E1163059	812416105060	Thamaraiselvan.B	
38.	E1163061	812416105062	Thivakar.D	
39.	E1163062	812416105063	Vignesh.V	
40.	E1163063	8124161053164	Vikram.S	
41.	E2173073	812416105311	Muhamed Rishwan.J	
42.	E2173074	812416105312	Raj Mohamed.S	
43.	E2173075	812416105313	Saiyadrihaan.	
44.	E2173076	812416105314	Sami Nathan	
45.	E2173077	812416105315	Sheik Ismail	
46.	E2173078	812416105316	Syed Yasip	
47.	E2173079	812416105317	Vinoth	
48.	E2173080	812416105318	Yacobnathan	

Female students Faculty In-charge List

S.No	Roll No	Reg No	Name	Faculty In-charge
1.	E1163016	812416105017	Gayathri.N	B.Muthuselvi AP/EEE
2.	E1163019	812416105020	Judith.A	
3.	E1163021	812416105022	Kalpana.K	
4.	E1163024	812416105025	Kiruthika.J	
5.	E1163035	812416105036	Nancy.D	
6.	E1163037	812416105038	Nisha.U	
7.	E1163038	812416105039	Nivedha.S	
8.	E1163039	812416105040	Pavithra.J	
9.	E1163056	812416105057	Sivaranjani.M	
10.	E1163056	812416105057	Theresline Joice	


PRINCIPAL
MIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007


PROGRAMME SCHEDULE

01.08.2018

Time	Activities
05.00 A.M	Departure from M.I.E.T. Campus
09.00 A.M	Tirunelveli Breakfast
11.00 A.M	Reaching the company
11.30 A.M	Visiting the company
01.30 P.M	Returning to bus
02.00 P.M	Lunch
02.30 P.M	Leaving from aralvaimozhi
05.00 P.M	Stop for tea & snacks
09.00 P.M	Return to M.I.E.T.

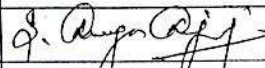
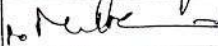


Industrial Visit In-charge/EEE


HOD/EEE
fr


PRINCIPAL
MIET ENGINEERING COLLEGE
TUNDUR, TIRUCHIRAPALI - 620 007.


FACULTY MEMBERS

The following faculty members are accompanying students of second year Electrical and Electronics engineering for an industrial visit.

Faculty Name	Mobile number	Signature
S.Samaya Sanjeevi	9944042018	
K.Arunkumaran	9843066582	
B.Muthuselvi	9600398300	




Industrial Visit In-charge/EEE


HOD/EEE
dr
PRINCIPAL
MIET ENGINEERING COLLEGE
@UNDUR, TIRUCHIRAPALI - 620 007

REPORT ON ONE DAY INDUSTRIAL VISIT


Name of the Industry : NARAYANA ENERGY CARE (Wind power)
Place of Visit : Aralvaimozhi, Kanyakumari Dt. T.N
Date of Visit : 01.08.2018

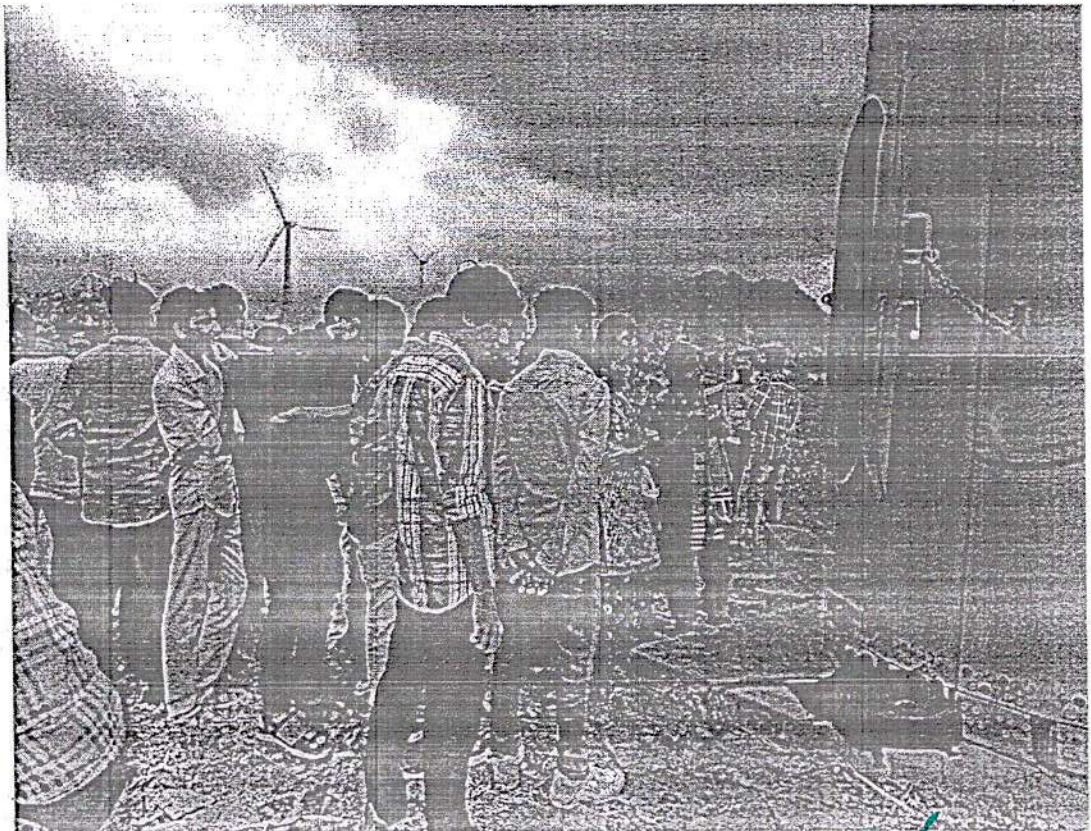
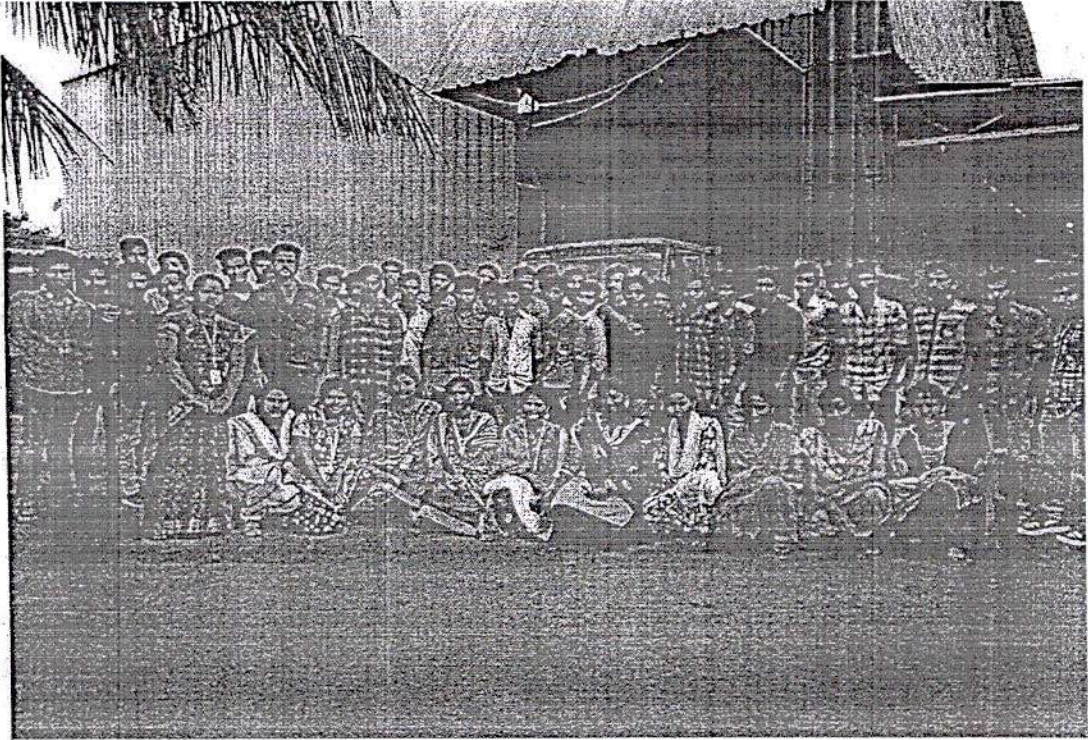

PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI - 620 007

Report on One Day Industrial Visit

01	Company (s) Visited	NARAYANA ENERGY CARE (Wind power plant)	
02	Number of Students	Boys	42
		Girls	10
03	Faculty Coordinators	Male	2
		Female	1
04	Date & Time of Industrial Visit	01/ 08 /2018	Time :11.00am to 1.30pm
05	Approval Date	30.07.2018	
06	Objective of the Visit	<p>Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum, mainly seen in engineering courses. An objective of industrial visit is to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices.</p>	
07	Company Profile & Learning Experience	<p>NARAYANA ENERGY CARE a small service team started its career in 2006 and today risen to 100 odd members rendering services to the renewable energy industry.</p> <p>NEC driven by the power and prowess of people. The organization hierarchy is modeled on a professional approach, allowing us to leverage technical expertise and technological competence to maximize efficiency. Technical heads spearhead our divisions, and are backed by a team of skilled, trained professionals.</p> <p>NEC has a rich experience in Assembling, Erecting and commissioning wind turbine projects across locations. Structures and components of wind turbines need to sufficiently accomplish their intended purposes during each stage of operation for which we ensures that quality management measures are adequately implemented during the erection of a wind turbine.</p>	

		<p>Critical care and controlled monitoring / inspections are undertaken at every stage to ensure compliance with the different location-oriented requirements of setting up a wind project. Narayana Energy Care operations and maintenance teams are committed to extracting longer life spans and higher returns from every wind turbine we install. Their operations and maintenance efforts ensures maximum energy yield in accordance with onsite climate and grid conditions.</p> <p><u>Learning experience</u></p> <p>Students can design projects at all levels are increasingly focused on the renewable energy sources and systems due to the increased emphasis in the INDIA, on clean energy innovation, generation, manufacturing and commercialization.</p> <p>Students will also learn how to sustain the wind generated by a fan or hairdryer at medium speed at 2 feet and rotate, lifting a small object upward.</p> <p>Students explore the impact of how technology can positively impact the world by learning about wind energy and equipment used for both site testing and the conversion of wind to energy.</p> <p>Students explore the technology behind wind energy, find out about site studies, and work in teams to develop a windmill out of everyday items.</p> <p>Students can acquire more knowledge about 10kw generator, from 60-foot tower to 100-foot tower cracking prone of aluminum tower and power conditioning unit.</p>																				
08	Programme Schedule (As executed)	<table border="1"> <thead> <tr> <th>Time</th> <th>Activities</th> </tr> </thead> <tbody> <tr> <td>5.00 A.M(01.08.2018)</td> <td>Departure from M.I.E.T. Campus</td> </tr> <tr> <td>09.00 A.M</td> <td>Breakfast at Tirunelveli</td> </tr> <tr> <td>11.00 A.M</td> <td>Reaching the company</td> </tr> <tr> <td>11.30 A.M</td> <td>Visiting the company</td> </tr> <tr> <td>01.30 P.M</td> <td>Returning to bus</td> </tr> <tr> <td>02.00 P.M</td> <td>Lunch</td> </tr> <tr> <td>02.30 P.M</td> <td>Leaving from Aralvaimozhi</td> </tr> <tr> <td>08.00 P.M</td> <td>Dinner</td> </tr> <tr> <td>10.30 P.M</td> <td>Return to M.I.E.T</td> </tr> </tbody> </table>	Time	Activities	5.00 A.M(01.08.2018)	Departure from M.I.E.T. Campus	09.00 A.M	Breakfast at Tirunelveli	11.00 A.M	Reaching the company	11.30 A.M	Visiting the company	01.30 P.M	Returning to bus	02.00 P.M	Lunch	02.30 P.M	Leaving from Aralvaimozhi	08.00 P.M	Dinner	10.30 P.M	Return to M.I.E.T
Time	Activities																					
5.00 A.M(01.08.2018)	Departure from M.I.E.T. Campus																					
09.00 A.M	Breakfast at Tirunelveli																					
11.00 A.M	Reaching the company																					
11.30 A.M	Visiting the company																					
01.30 P.M	Returning to bus																					
02.00 P.M	Lunch																					
02.30 P.M	Leaving from Aralvaimozhi																					
08.00 P.M	Dinner																					
10.30 P.M	Return to M.I.E.T																					


PRINCIPAL
 MIET ENGINEERING COLLEGE
 SUNDUR, TIRUCHIRAPALI - 620 007





A. S. S.
PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

09	Brief about the Students Observation	Students were gathered near a 30 metre long working wind turbine to be taught about its operation. The students were provided with the technical knowledge and skills , by two faculties from the plant, required to run a wind turbine. The wind velocity is measured by anemometer. The shaft of the Induction machine is coupled to the wind turbine through a 1:41 gear box. The wind turbine uses a 3 phase induction machine which operates as a motor when wind velocity is lower than which is required to create 1500 rpm in the prime mover of the machine, at this stage the machine(motor) is idle. When the wind velocity rises, the motor draws power from the grid for starting. When the wind velocity further increases, such as in the case of hazards like cyclones, the torque produced by motoring action holds the blades together by rotating at constant speed. This prevents the nuts and bolts from loosening and keeps the blades intact. When the wind velocity is sufficient to produce synchronous speed, the machine works as a generator producing 225kW power. The generated voltage is stepped up to 11kV and fed to the grid. This implies that a wind turbine not only generates power and supplies to the grid but also draws power from the grid. The tariffs are tallied based on the power consumed and power supplied by the wind farm. Power electronic circuits are used in panels to monitor power utilization. The safety measures and the emergency drills conducted in case of a hazard/failure were taught to the students.
10	Conclusion	Students have garnered adequate technical knowledge and skills to operate a wind turbine. This industrial visit made students to compare the knowledge acquired in college to the working world industry and change their perspective towards career oriented developments.
11	Attachments (Scanned Photos of the Industrial Visit)	Attached


Industrial Visit In-charge/EEE


HoD / EEE


HoD / T&P



Principal


PRINCIPAL
MIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007

REQUESTION FOR THE APROVAL OF INDUSTRIAL VISIT

Industrial visit date	Company name	Year	No of students	No of faculty
29.08.2018	Padmavahini Transformers Private Limited, Coimbatore	II Year	No. of male students :34 No. of female students:19 No. of male students from hostel:8 No. of female students from hostel:6	No. of gents faculty:02 No. of female faculty:01



Industrial Visit In-charge/EEE


HoD/T&P


HoD/EEE


PRINCIPAL


CHAIRMAN


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

25.08.2018

Trichy

From:

The Second year Students,
Department of Electrical and Electronics Engineering,
M.I.E.T. Engineering College,
Trichy-7

To:

The Chairman,
M.I.E.T. Institutions,
Trichy-7

Through: The Principal/ M.I.E.T. Engineering College,

Sir,

Sub: Requisition of permission for Industrial visit – Reg.


We have proposed one day industrial visit at “PADMAVAHINI TRANSFORMERS PRIVATE LIMITED, Coimbatore” on 29.08.2018. The company engaged in the design and manufacture of electrical transformers like power transformers, electrical power transformers, distribution transformers and voltage regulating devices. The above equipments are very obliging to known us to enhance our practical knowledge. Consequently we are requested you to give your kind approval to make this process, as early as possible.

Thanking you,

Yours faithfully,

S. MOHAMED MUSTAFAKEM.
Second year EEE Students.


Industrial Visit in-charge/EEE


HOD/EEE


PRINCIPAL


PRINCIPAL
MIET ENGINEERING COLLEGE
BUNDUR, TIRUCHIRAPALLI - 620 007.

Company profile

Padmavahini Transformers Pvt. Ltd., is an ISO 9001:2008 certified company engaged in the design and manufacture of electrical transformers like power transformers, electrical power transformers, distribution transformers and voltage regulating devices. Our product range includes, design and manufacture of electrical transformers of any capacity with a voltage level upto 132 KV and special purpose custom-built transformers with over 3 decades of experience and regular upgradation of latest technologies.

Learning Experience

- Students can get more knowledge in Assembly section, Furnace and ventilation section, Insulation section, Coil making section, Testing section and control section.
- In Assembly section, Students can able to observe how to manufacture transformer like core type transformer and shell type transformer with proper insulation and more practical knowledge of design of different types of transformer with different rating.
- In Insulation section, Students can get knowledge to insulate between primary and secondary winding using paper and to minimize eddy current losses and hysteresis losses in transformer.
- In coil section, students able identify the materials used to make coil winding in transformer core.
- In testing section, students can get the output of designed transformer for given input.

Student name list

SL.NO	ROLL NO	REG. NO	NAME OF THE STUDENT	SIGNATURE
1.	E1173001	812417105001	ABDUL JALIL. M	M. Abdul Jalil
2.	E1173004	812417105004	AMALA JESIMA. V	V. Amala Jesima
3.	E1173005	812417105005	AROCKIARAJ. A	A. Arckiaraj
4.	E1173006	812417105006	ARUL BRINDHA. S	S. Arul Brindha
5.	E1173008	812417105008	ARUN RAJ. I	I. Arunraj
6.	E1173011	812417105011	BHARATHKUMAR. R	R. Bharath Kumar
7.	E1173012	812417105012	BHUVANESWARI. K	K. Bhuvaneshwari
8.	E1173013	812417105013	BRITTO. P	P. Britto
9.	E1173014	812417105014	CELSIYA. J	J. Celsiya
10.	E1173015	812417105015	DINESH KUMAR. P.M	P.M. Dinesh Kumar
11.	E1173016	812417105016	FAISAL ALI KHAN. A	A. Faisal Ali Khan
12.	E1173017	812417105017	HANEEF MOHAMED. R	R. Haneef Mohamed
13.	E1173018	812417105018	JAHIRKHAN. S	S. Jahirkhan
14.	E1173019	812417105019	JOESPHINE. A	A. Josephine
15.	E1173020	812417105020	KALPANA. R.	R. Kalpana
16.	E1173021	812417105021	KANMANI. S.K	S.K. Kanmani
17.	E1173022	812417105022	KAVIPRIYA. A	A. Kavipriya
18.	E1173023	812417105023	MAHALAKSHMI. M	M. Mahalakshmi
19.	E1173024	812417105024	MAHMOODH. M.A	M.A. Mahmoodh
20.	E1173025	812417105025	MANISHA. S	S. Manisha
21.	E1173026	812417105026	MANOJ KUMAR. S	S. Manoj Kumar
22.	E1173028	812417105028	MERCYMIRAKLINE. V	V. Mercymirakline
23.	E1173029	812417105029	MINNALKUMAR. V	V. Minnalkumar
24.	E1173030	812417105030	MOHAMED ABU ARIZ. S	S. Mohamed Abu Ariz
25.	E1173032	812417105032	MOHAMED ASLAM. J	J. Mohamed Aslam
26.	E1173033	812417105033	MOHAMED IBRAHIM. G	G. Mohamed Ibrahim
27.	E1173034	812417105034	MOHAMED MALIK. K	K. Mohamed Malik
28.	E1173035	812417105035	MOHAMED MUSTHAKEEM. S	S. Mohamed Musthakeem
29.	E1173036	812417105036	MOHAMED NIYASUDEEN. M	M. Mohamed Niyasudeen

Student name list


SLNO	ROLL NO	REG. NO	NAME OF THE STUDENT	SIGNATURE
30.	E1173037	812417105037	MOHAMED RILWAN. S	Rilwan.
31.	E1173040	812417105040	MOHAMMED HUSSAIN. S	S. Moh Hussain
32.	E1173041	812417105041	MONISHA SONIYA. J	J. Soniya
33.	E1173042	812417105042	MUTHUMALA. M	M. Muthumala
34.	E1173043	812417105043	NISHA. S	S. Nisha
35.	E1173044	812417105044	PEER MOHAMED. B	B. Peer
36.	E1173045	812417105045	PRAVEENKUMAR. K	K. Praveen
37.	E1173047	812417105047	PRIYADHARSHINI. S	S. Priyadharsini
38.	E1173048	812417105048	RAHUL. R	R. Rahul
39.	E1173049	812417105049	RAJAKEERTHI. J.M	J.M. Rajakeerthi
40.	E1173052	812417105052	SANGAVI. V	V. Sangavi
41.	E1173053	812417105053	SATHAMHUSSIN. S	S. Sathamhussin
42.	E1173056	812417105056	SRIDEVI. K.R	K.R. Sridevi
43.	E1173057	812417105057	SURYA. M	M. Surya
44.	E1173058	812417105058	THAISEER AHAMED. J	J. Thaiseer Ahamed
45.	E1173061	812417105061	VIGNESH. DS	DS. Vignesh
46.	E1173063	812417105063	YOGESHWARI. T	T. Yogeshwari
47.	LE1	812417105301	DHEENADHAYALAN.R	R. Dheenadhayalan
48.	LE2	812417105302	DINESH.M	M. Dinesh
49.	LE3	812417105303	FARETH AHAMED.M	M. Farath
50.	LE5	812417105305	MOHAMED ASARUDEEN.A	A. Mohamed Asarudeen
51.	LE6	812417105306	MOHAMED RIYAZUDEEN.J	J. Mohamed Riyazudeen
52.	LE7	812417105307	PRINCE KIRUTHIKA.A	A. Prince Kiruthika
53.	LE8	812417105308	SATHIYA SEELAN.M	M. Sathiya Seelan



M.I.E.T ENGINEERING COLLEGE, TRICHY - 7
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty, Students Gender List

Gender	Male Students	Female Students	Male Staff	Female staff
Total	34	19	2	1


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

Male students Faculty In-charge List

SL.NO	ROLL NO	REG. NO	NAME OF THE STUDENT	Faculty Name
1.	E1173001	812417105001	ABDUL JALIL. M	J.Gopi AP/EEE
2.	E1173005	812417105005	AROCKIARAJ. A	
3.	E1173008	812417105008	ARUN RAJ. I	
4.	E1173011	812417105011	BHARATHKUMAR. R	
5.	E1173013	812417105013	BRITTO. P	
6.	E1173015	812417105015	DINESH KUMAR. P.M	
7.	E1173016	812417105016	FAISAL ALI KHAN. A	
8.	E1173017	812417105017	HANEEF MOHAMED. R	
9.	E1173018	812417105018	JAHIRKHAN. S	
10.	E1173024	812417105024	MAHMOODH. M.A	
11.	E1173026	812417105026	MANOJ KUMAR. S	
12.	E1173029	812417105029	MINNALKUMAR. V	
13.	E1173030	812417105030	MOHAMED ABU ARIZ. S	
14.	E1173032	812417105032	MOHAMED ASLAM. J	
15.	E1173033	812417105033	MOHAMED IBRAHIM. G	
16.	E1173034	812417105034	MOHAMED MALIK. K	
17.	E1173035	812417105035	MOHAMED MUSTHAKEEM. S	
18.	E1173036	812417105036	MOHAMED NIYASUDEEN. M	
19.	E1173037	812417105037	MOHAMED RILWAN. S	
20.	E1173040	812417105040	MOHAMMED HUSSAIN. S	
21.	E1173044	812417105044	PEER MOHAMED. B	
22.	E1173045	812417105045	PRAVEENKUMAR. K	
23.	E1173048	812417105048	RAHUL. R	
24.	E1173049	812417105049	RAJAKEERTHI. J.M	
25.	E1173053	812417105053	SATHAMHUSSIN. S	
26.	E1173057	812417105057	SURYA. M	
27.	E1173058	812417105058	THAISEER AHAMED. J	
28.	E1173061	812417105061	VIGNESH. DS	
29.	LE1	812417105301	DHEENADHAYALAN.R	
30.	LE2	812417105302	DINESH.M	
31.	LE3	812417105303	FARETH AHAMED.M	
32.	LE5	812417105305	MOHAMED ASARUDEEN.A	
33.	LE6	812417105306	MOHAMED RIYAZUDEEN.J	
34.	LE8	812417105308	SATHIYA SEELAN.M	


PRINCIPAL

Female students Faculty In-charge List

SL.NO	ROLL NO	REG. NO	NAME OF THE STUDENT	FACULTY NAME
1.	E1173004	812417105004	AMALA JESIMA. V	A.Abirami AP/EEE
2.	E1173006	812417105006	ARUL BRINDHA. S	
3.	E1173012	812417105012	BHUVANESWARI. K	
4.	E1173014	812417105014	CELSIYA. J	
5.	E1173019	812417105019	JOESPHINE. A	
6.	E1173020	812417105020	KALPANA. R	
7.	E1173021	812417105021	KANMANI. S.K	
8.	E1173022	812417105022	KAVIPRIYA. A	
9.	E1173023	812417105023	MAHALAKSHMI. M	
10.	E1173025	812417105025	MANISHA. S	
11.	E1173028	812417105028	MERCYMIRAKLINE. V	
12.	E1173041	812417105041	MONISHA SONIYA. J	
13.	E1173042	812417105042	MUTHUMALA. M	
14.	E1173043	812417105043	NISHA. S	
15.	E1173047	812417105047	PRIYADHARSHINI. S	
16.	E1173052	812417105052	SANGAVI. V	
17.	E1173056	812417105056	SRIDEVI. K.R	
18.	E1173063	812417105063	YOGESHWARI. T	
19.	LE7	812417105307	PRINCE KIRUTHIKA.A	


PRINCIPAL
MIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007

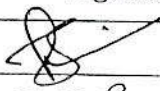
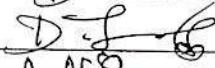
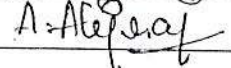
PROGRAMME SCHEDULE**ONE DAY INDUSTRIAL VISIT****SECOND YEAR****29.08.2018**

Time	Activities
05.00 A.M	Departure from M.I.E.T. Campus ✓
09.30 A.M	Coimbatore Breakfast
10.00 A.M	Reaching the company
02.00P.M	Leaving the company
02.30P.M	Lunch
03.00 P.M	Leaving from Coimbatore
07.30 P.M	Return to M.I.E.T. ✓



PRINCIPALMIET ENGINEERING COLLEGE
SUNDUR, TIRUCHIRAPALI - 620 007

FACULTY MEMBERS

The following faculty members are accompanying students of second year Electrical and Electronics engineering for an industrial visit.

Faculty Name	Mobile number	Signature
J.Gopi	9042941825	
D.Jayaraj	8754543032	
A.Abirami	9597276994	


Industrial Visit In-charge/EEE


HOD/EEE
A


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

REPORT ON ONE DAY INDUSTRIAL VISIT

Name of the Industry : PADMAVAHINI Transformers PVT. LTD.,
Place of Visit : Keeranatham, Saravanampatti
Coimbatore - 641035
Date of Visit : 29.08.2018 (Wednesday)


MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007

Report on One Day Industrial Visit

01	Company (s) Visited	PADMAVAHINI Transformers PVT. LTD.,	
02	Number of Students	Boys	35
		Girls	19
03	Faculty Coordinators	Male	2
		Female	1
04	Date & Time of Industrial Visit	29/ 08 /2018	Time :10.30am to1.30pm
05	Approval Date	28/08/2018	
06	Objective of the Visit	<p>Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum, mainly seen in engineering courses. An objective of industrial visit is to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices.</p>	
07	Company Profile & Learning Experience	<p>PADMAVAHINI Transformers PVT. LTD., is an certified organization based at Coimbatore, India engaged in the manufacturing and servicing of voltage transformers, power and distribution transformers. Our ranges of products include voltage transformers of any capacity with a voltage level up to 132 KV, electroplating rectifier transformers and automatic voltage regulator. We also manufacture special purpose transformers that are meant for standard as well as for special applications up to 20000 KVA.</p> <p><u>Learning experience</u></p> <ul style="list-style-type: none"> ➤ Students can get more knowledge in Assembly section, Furnace and ventilation section, Insulation section, Coil making section, Testing section and control section. ➤ In Assembly section, Students can able to observe how to manufacture transformer like core type transformer and shell type transformer with proper insulation and more practical knowledge of design of different types of transformer with 	

- In Insulation section, Students can able to observe how to insulate between primary and secondary winding using paper and to minimize eddy current losses and hysteresis losses in transformer.
- In coil section, students can able to observe which type of core - nickel iron alloy core used and how to make coil winding in transformer core. In testing section, students can able to observe output of designed transformer for given input.
- Students can obtain more knowledge of design, assembly and working of different rating of transformer like 22KV, 33KV & 132KV distribution transformer, Two phase transformer, auto transformer and applications of transformer in different fields like wind energy generation, steel industry, transmission and distribution.

Products & Services Offered by Us
 We design and develop voltage transformers of capacity up to 20 MVA and voltage level of 66 KV and other special purpose custom-built transformers. We hold expertise in manufacturing of electric power engineering products. Furthermore, we are also calibrated to engineer customized transformers within stipulated time frame. Our products are :

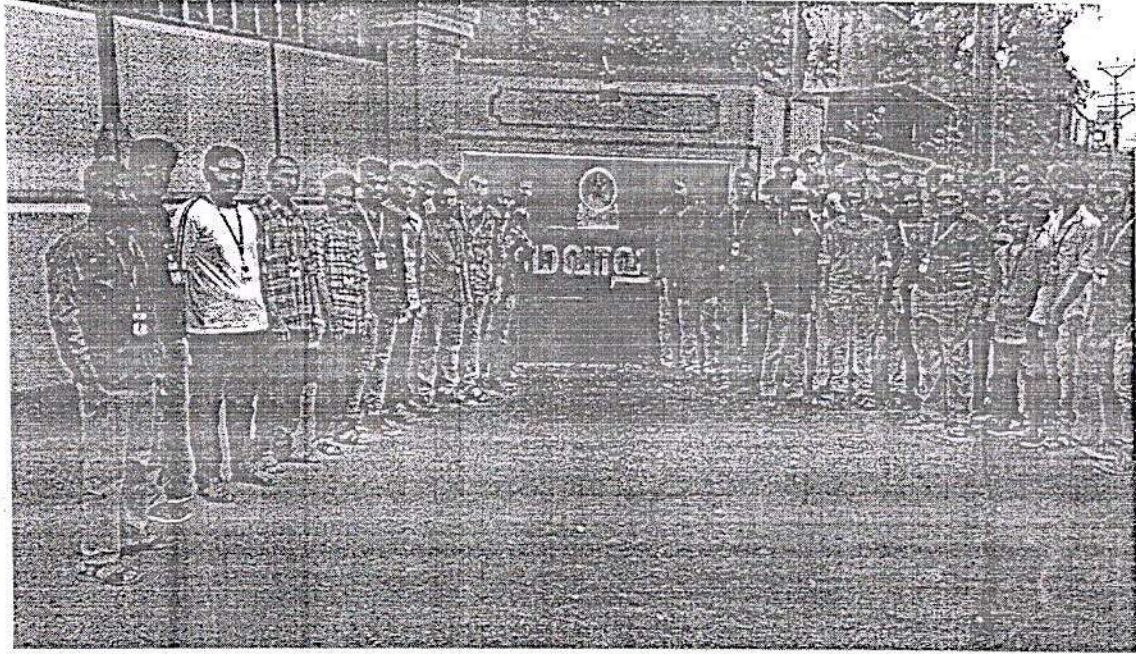
- Distribution Transformers
- Power Transformers
- Furnace Transformers
- Heat-treatment Transformers
- Equipment Transformers
- Open Delta Transformers
- Multi Tapping Auto Transformers
- Custom Transformers

Along with products, we also offer ace services such as :

- General servicing
- Rewinding and repairing
- Conversion of the voltage level
- Conversion of off-circuit transformers to on-load taps changer transformers.


 PRINCIPAL

MIET ENGINEERING COLLEGE
 GUNDUR, TIRUCHIRAPALI - 620 007



A. S. J.
PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

08	Programme Schedule (As executed)	Time	Activities
		10.00 P.M(27.07.2018)	Departure from M.I.E.T. Campus
		06.00 A.M	Refreshment in Angamally
		09.00 A.M	Breakfast
		10.00 A.M	Reaching the company
		10.30 A.M	Visiting the company
		01.30 P.M	Returning to bus
		02.00 P.M	Lunch
		02.40 P.M	Leaving from-Kerala
		08.00 P.M	Dinner
		10.30 P.M	Return to M.I.E.T
09	Brief about the Students Observation	<p>Students got more knowledge in Assembly section, Furnace and ventilation section, Insulation section, Coil making section, Testing section and control section.</p> <p>In Assembly section, Students observed how to manufacture transformer like core type transformer and shell type transformer with proper insulation and more practical knowledge of design of different types of transformer with different rating.</p> <p>In Insulation section, Students got how to insulate between primary and secondary winding using paper and to minimize eddy current losses and hysteresis losses in transformer.</p> <p>In coil section, students got which type of core - nickel iron alloy core used and how to make coil winding in transformer core. In testing section, students got output of designed transformer for given input.</p>	
10	Conclusion	<p>Students got more knowledge of design, assembly and working of different rating of transformer like 22KV, 33KV & 132KV distribution transformer, Two phase transformer, auto transformer and applications of transformer in different fields like wind energy generation, steel industry, transmission and distribution.</p>	
11	Attachments (Scanned Photos of the Industrial Visit)	Attached	


Industrial Visit In-charge/EEE

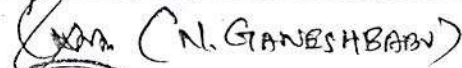


HoD/EEE

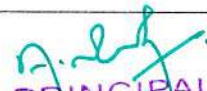

HoD/T&P


Principal


PRINCIPAL
MIET ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALI - 620 007

Industrial Visit Feedback form from Industry

Course and Department	Industrial visit on Winding, Core building of Transformer, Testing
Sem/Year	II nd year
Date and Time of Visit	29/8/18 / 10.00 am
No of student Visited	
Accompanying staff members	Mr. D. Jayaraj Mr. J. Gopinath Ms. A. Abirahmi
Name and Address of the company	PADMAVAHINI TRANSFORMERS PVT. LTD SF. No 353/1 Door. No. 7/40 Ruby Matriculation School road Keeranathang Coimbatore.
Feedback about the students	Interested in learning on Core, winding, Tank building. and Learn on Testing section.
Technical details about the company	Manufacturers of Transformers and Transformer Accessories
Authorized Signature with Name/Designation and seal	 
Any other comments	Industrial Visit may Very useful to students


PRINCIPAL
MIET ENGINEERING COLLEGE
BUNDUR, TIRUCHIRAPALI - 620 007