



J.B.INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

(Accredited by NBA & NAAC, Approved by AICTE & Permanently Affiliated to JNTUH)

Bhaskar Nagar, Yenkapally (V), Moinabad (M), P.O. Himayathnagar, R.R. District, Hyderabad-5000075.

Department of Electrical and Electronics Engineering

Report on

INDUSTRIAL VISIT to

“SINGUR POWER PLANT”

On Saturday 25th November, 2023

Venue

Singur Project

Sangareddy, Hyderabad-500058

Coordinators

1. T. Shailaja, Assistant Professor

2. A. Rajitha, Assistant Professor

Convener

Dr. P. Duraipandy,

Associate Professor & HOD, EEE

PREAMBLE

The Department of Electrical and Electronics Engineering has conducted the Industrial Visit to “**SINGUR PROJECT, Sanga reddy - Hyderabad**” for the III year students of Under Graduate program.

J.B.Institute of Engineering and Technology was established in 1998, popularly known as JBIET, is a UGC approved Autonomous Institution. JBIET is a NBA and NAAC accredited Institution. The Institute has various laboratories, workshops and other support systems to provide a hands-on experience. It can boast of its well qualified and expert faculty who inculcate the best values and principles. The Institution aims at the holistic development of the Students and has a notable Placement track record. The institute also nurtures and promotes Entrepreneurship, provides end to end support in the form of funding for startups. JBIET has been ranked consistently among top Institutions in Telangana and India.

Department of Electrical and Electronics Engineering is one of the oldest departments of JBIET, started in 1998 with a team of highly experienced faculty members. Department offers one UG program (B.Tech–EEE) and one PG program (M. Tech–EPS), with a present intake of 120 UG and 18 PG students. It is accredited by NBA under Tier-I. The department organized various programs such as Faculty development programs, hands-on sessions and technical workshops to strengthen the overall development of the Students and Faculty.

An overview of the Visit is as follows:

The overall visit deals with the explanation about the following Topics:

1. Power generation
2. Types of Power plants
3. Constructional features of the Power Plant
 - a) Reservoir
 - b) Dam
 - c) Penstock
 - d) Turbine
 - e) Generator
 - f) Transformer
4. Control room



Permission Letter

13-NOV-2023
Moinabad.

TO:
The principal sir,
JBIET college,
Moinabad.

Permitted
on 25/11/2023
P. Chelapp

Sub : Requested to give Permission for One day
Industrial visit of IIIrd year EEE students.

Sir,

We the students of EEE III Year requesting
to grant permission to visit "Singur dam" power
plant at sangareddy (dist) as an industrial visit.
As we studied about the power station in our
III year. We would like to improve our knowledge
by visiting them in practical. We are planning
for industrial visit date on 16-11-2023, Thursday.

Total no. of students interested to participate
in the visit is around 36 students and 4 faculty

are accompanying us from EEE department.
Please provide the college bus (transportation) facility.

We will be very ~~greatful~~ grateful for your

permission sir.

Thanking you sir,

Recommended & Forwarded

Yours faithfully

EEE students

IIIrd Year, B.Tech.

ELEXSA.

Note . 14/11/2023.

Requesting to provide College bus
for 1 day.

Mr. Desai
for 18/11/2023.

Ch



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Bhaskar Nagar, Yenkapally Village, Moinabad Mandal, R.R. Dist.-75. Telangana State.

Phone Nos. : 91-08413-235127, 235053, Fax : 91-08413-235753.

Website : www.jbiet.edu.in Email: principal@jbiet.edu.in

Date:16-11-2023

To,
The CHIEF ENGINEER,
Singur Hydro Power Plant,
TSGENCO
Singooru Village,
Sangareddy District,
Telangana.

Subject: **Power Plant Visit by 3rd year B.Tech EEE Students of JBIET- Reg.**

Respected Sir,

I **Dr P.C KRISHNAMACHARY**, Principal of JBIET, request you to permit 3rd year student to visit your esteemed **SINGUR POWER PLANT** on 25th Nov,2023. In this regard please provide an engineer to explain and show them in detail how does the power is being generated in the power plant. In view of this a total number of 40 members including faculty visit the power plant. So, Kindly grant us permission at the earliest and do the needful.

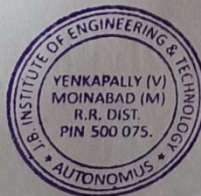
Thanking You,

Yours faithfully,

Dr.P.C.KRISHNAMACHARY

Principal,

J.B. Institute of Engineering & Technology,
Bhaskar Nagar, Moinabad Mandal,
Ranaga Reddy Dist, Hyderabad,
Telangana State, India-500075.



Head Office : 6-3-248/1/1A, 4th Floor, Bhaskar Plaza, Road No.1, Banjara Hills, Hyderabad - 500 034.
Ph : 040-23301523, 23391979, Fax : 040-23304036

Approval Letter



TELANGANA STATE POWER GENERATION CORPORATION LIMITED
MHS CIRCLE :: POCHAMPAD

From:
The Superintending Engineer
TSGENCO,
Mini Hydel Stations,
Pochampad- 503219,
Nizamabad Dist.
Mail id: mhsppd.seom@tsgenco.co.in

To:
The Principal
J.B Institute of Engineering &
Technology, Bhaskar Nagar,
Moinabad (M), Rangareddy Dist.,
Hyderabad - 500075.

L.F. No. SE/MHS/PPD/ADE/T/F. No. Dkt /D.No. 1765/23, Dt: 23.11.2023.

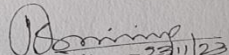
Sir,

Sub: - TSGENCO - MHS Circle Pochampad - Field visit - J.B Institute of Engineering & Technology, Bhaskar Nagar, Moinabad (M), Rangareddy Dist., Hyderabad - Permission accorded- Reg.
-000-

As per the request made by the Principal of J.B Institute of Engineering & Technology, Bhaskar Nagar, Moinabad (M), Rangareddy Dist., Hyderabad. The permission is hereby accorded to 40 students along with the faculty to visit the Hydro Power Station, Singur on date 25.11.2023.

- 1) The facility is extended to the students entirely at their own risk and the TSGENCO Limited in no way, be responsible for any injury or any mishap occurred during the field visit.
- 2) Any damage to the TSGENCO property on account of the students will be made good by them only.
- 3) They should follow all the safety precautions scrupulously.
- 4) The use of mobile phones & photography is strictly prohibited during the visit.

The receipt of this letter may please be acknowledged.


23/11/23
Superintending Engineer
MHS / TSGENCO
Pochampad

Copy to the Divisional Engineer/ O&M/HPS/Pochampad - Directed to act accordingly.

Copy submitted to the Chief Engineer/O&M/MHS & Solar/Pochampad for favour of information please

Industrial Visit Banner



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Industrial visit to
SINGUR POWER PLANT

Date : 25th Nov. 2023

Photos of the Visit



Fig.2: Faculty and Students at the Singur Plant

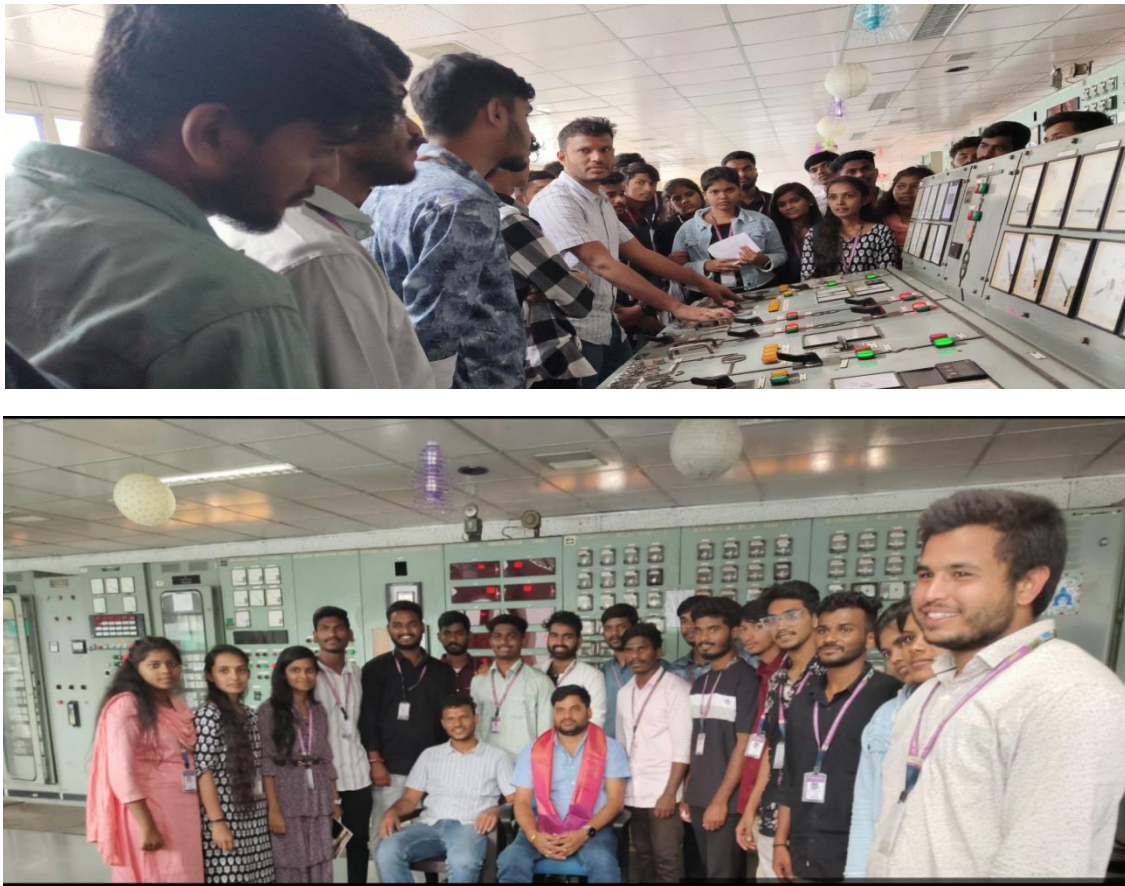


Fig.3:faculty andStudentsalongwithDRDLStaff

Attendance Sheet

J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY
UGC AUTONOMOUS
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
STUDENT AND FACULTY LIST FOR SINGUR POWER PLANT VISIT

S.NO	Student Name	H.T. No	SIGN
1	BADAVATH PRAVEEN	21671A0201	<i>[Signature]</i>
2	BANOTH VIJAY	21671A0202	<i>[Signature]</i>
3	BHUKYA RAHUL	21671A0203	<i>[Signature]</i>
4	DONKURI VAMSHIKRISHNA	21671A0204	<i>[Signature]</i>
5	MANNE SAIKIRAN	21671A0206	<i>[Signature]</i>
6	PERABATHULLA VEERA SAI PULLAIAH NAIDU	21671A0207	<i>[Signature]</i>
7	RATHLA INDHU	21671A0208	<i>[Signature]</i>
8	SANNIDI HARSHAVARDHAN	21671A0209	<i>[Signature]</i>
9	SEGYAMA PRASHANTH	21671A0210	<i>[Signature]</i>
10	TEJAVATH PAVAN	21671A0211	<i>[Signature]</i>
11	VISLAVATH SAI SATISH CHANDRA	21671A0212	<i>[Signature]</i>
12	GUDELLI ANAND KUMAR	22675A0201	<i>[Signature]</i>
13	KOTHUR NARESH	22675A0202	<i>[Signature]</i>
14	MADDATI CHANDRA SHEKAR	22675A0203	<i>[Signature]</i>
15	GUMMADI Koushik	22675A0204	<i>[Signature]</i>
16	NARRI NAVYA SAAHITHI	22675A0205	<i>[Signature]</i>
17	JOGI VINAY KUMAR	22675A0206	<i>[Signature]</i>
18	B ABHIROOP RAMPAL	22675A0207	<i>[Signature]</i>
19	SADIPIRALLA BALAJI REDDY	22675A0208	<i>[Signature]</i>
20	KAMBALA RAJ KUMAR	22675A0209	<i>[Signature]</i>
21	NAMINDLA SINDHU	22675A0210	<i>[Signature]</i>
22	SATTU BHAVANI	22675A0211	<i>[Signature]</i>
23	MANCHE SINDHUJA	22675A0212	<i>[Signature]</i>
24	MAMIDI MANOJ	22675A0213	<i>[Signature]</i>
25	SELVATKAR REECHA	22675A0214	<i>[Signature]</i>
26	VADLA VIGNESH	22675A0215	<i>[Signature]</i>
27	TUMMALA YUGENDAR YADAV	22675A0216	<i>[Signature]</i>
28	KASALA SRIKESH REDDY	22675A0217	<i>[Signature]</i>
29	PILLI SAI TEJA	22675A0218	<i>[Signature]</i>
30	SHIVA DAS	22675A0219	<i>[Signature]</i>
31	MANDIKI SHASHIDHAR	22675A0220	<i>[Signature]</i>
32	JAMMA MAHENDER	22675A0221	<i>[Signature]</i>
33	BOOSA KARTHIK	22675A0222	<i>[Signature]</i>
34	SIRIPANGI SAIVAMSHI	22675A0223	<i>[Signature]</i>
35	ADKI MAHESHWAR	22675A0224	<i>[Signature]</i>
36	MALLESH SRAVAN KUMAR REDDY	22675A0225	<i>[Signature]</i>

37 N. Monish

HOD

Sample Feedback Forms



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Electrical and Electronics Engineering

Industrial Visit to Singur Hydro PowerPlant on 25th November, 2023

Feedback Form

- a) Name of the Student : v. vignesh
b) Roll Number : 22675A0215
c) Email ID : vadlavignesh2005@gmail.com
d) Year – Semester : 3rd Year, 1st Sem

- | | |
|--|----------|
| 1. Whether any Professional person was assigned for Visit? | Yes / No |
| 2. Was the whole visit based on a well-defined schedule and adherence to the schedule? | Yes / No |
| 3. Did your industrial visit co-relate with your course? | Yes / No |
| 4. Did the people in the organization encourage interaction with them? | Yes / No |
| 5. Were Pre-visit Inputs provided? | Yes / No |
| 6. Whether the Content is useful? | Yes / No |
| 7. Rate the support provided by the Organization? | Yes / No |
| 8. Would you like your department to arrange such industrial visits in future? | Yes / No |
| 9. Please give your valuable Suggestions? | Yes / No |

v. vignesh
Signature of the Student



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Department of Electrical and Electronics Engineering

Industrial Visit to Singur Hydro PowerPlant on 25th November, 2023

Feedback Form

- a) Name of the Student : *K. Saikesh Reddy.*
b) Roll Number : *22675A0217.*
c) Email ID : *KasalaSaikesh Reddy.*
d) Year – Semester : *3rd year I sem.*

- | | |
|--|---|
| 1. Whether any Professional person was assigned for Visit? | ☒ Yes / ☐ No |
| 2. Was the whole visit based on a well-defined schedule and adherence to the schedule? | ☒ Yes / ☐ No |
| 3. Did your industrial visit co-relate with your course? | ☒ Yes / ☐ No |
| 4. Did the people in the organization encourage interaction with them? | ☒ Yes / ☐ No |
| 5. Were Pre-visit Inputs provided? | ☒ Yes / ☐ No |
| 6. Whether the Content is useful? | ☒ Yes / ☐ No |
| 7. Rate the support provided by the Organization? | ☒ Yes / ☐ No |
| 8. Would you like your department to arrange such industrial visits in future? | ☒ Yes / ☐ No |
| 9. Please give your valuable Suggestions? | ☒ Yes / ☐ No |

*we want more industrial visits for
getting more knowledge and information and skills.*

K. Saikesh
Signature of the Student



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Department of Electrical and Electronics Engineering

Industrial Visit to Singur Hydro PowerPlant on 25th November, 2023

Feedback Form

- a) Name of the Student : M. Chandra Shekar
b) Roll Number : 22675A0203
c) Email ID : chandrashekar.maddali@gmail.com
d) Year – Semester : 11 – I

- | | |
|--|----------|
| 1. Whether any Professional person was assigned for Visit? | Yes / No |
| 2. Was the whole visit based on a well-defined schedule and adherence to the schedule? | Yes / No |
| 3. Did your industrial visit co-relate with your course? | Yes / No |
| 4. Did the people in the organization encourage interaction with them? | Yes / No |
| 5. Were Pre-visit Inputs provided? | Yes / No |
| 6. Whether the Content is useful? | Yes / No |
| 7. Rate the support provided by the Organization? | Yes / No |
| 8. Would you like your department to arrange such industrial visits in future? | Yes / No |
| 9. Please give your valuable Suggestions? | Yes / No |

We want more industrial visits, for getting
more practical knowledge and information.

Chandra shekar
Signature of the Student