



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC-AUTONOMOUS)

Affiliated to JNTUA, Anantapuramu & Approved by AICTE, New Delhi
Recognised Research Center, Accredited by NBA for CE, CSE, ECE, EEE, ME, MBA
& MCA, Recognised by UGC under the sections 2(f) and 12(B) of the UGC act 1956



Department of Electrical & Electronics Engineering

Report

Industrial Visit

to

Rayalaseema Thermal Power Project (RTPP)

Muddanur, Kadapa, AP

Date: 09.04.2022

Organized in association with: ISTE Student Chapter

Submitted by: Dr Pratap Ranjan Mohanty, Associate Professor., Dept. of EEE

Attendance: 111 B.Tech III Year EEE students & 13 faculties

One-day Industrial Visit to RTPP, Muddanur was organized for the III Year B.Tech – EEE students under ISTE Students chapter on 09 April 2022.

Faculty Visited:

1. Dr. Pratap Ranjan Mohanty
2. Dr. K Arul Kumar
3. Dr. M. Vijay
4. Dr. Arijit Bardhan Roy
5. Dr. Debashish Pal,
6. Dr. V. B. Thurai Raaj
7. Mr. Gourav Kumar Suman
8. Ms. Suman Yadav
9. Mr. N. Ramesh
10. Mr. Prabhu. N
11. Mr. Y Ramanjaneyulu
12. Mr. R Madhu
13. Mr. Shahenshah Syed

The trip to RTPP, started at 6.00 AM by two buses and reached the plant by 11.00 A.M. Total crew was divided into two batches of 72 and 39 numbers respectively. The Batch-I (72 students and 08 faculties) visited the plant from 11.30 AM to 2 PM and the Batch-II (39 students and 05 faculties) visited the plant from 3 PM to 6 PM. An introductory meeting was arranged for both the batches separately with Sri D. Narasimha Raju, DY. EE/CAM SD-I, Stage-I/RTPP about plant and safety precautions to be followed during visit.

About RTPP:

RTPP was developed under 3 stages namely stage I, II, and III. The station is performing well in the recent years by achieving high plant load factor. It stood first in country during 98–99, 2002–03, 2003–04 and second during 99–2000, 2001–02. The station has received Meritorious productivity awards for six consecutive years and Incentive award for seven consecutive years. BHEL commissioned stage IV unit 1x600MW in March 2018 leading to total installed capacity of RTPP to 1650MW.



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Field Visit Information:

The students were visited every module of the plant and their queries are clarified by the experts. Various sections like i) Switch yard ii) Crusher division iii) Bunkers iv) Mills (pulverized coal) v) Boilers vi) Turbines and Generators vii) Cooling Towers and viii) Control Unit were visited by the students. The students were acquired insight regarding the internal working environment and the functioning of the plant through the visit with better visualization of practical aspects and useful information. The visit was more interactive with effective learning and the students were made to learn the innovative technology implemented in the plant.

We extend our sincere gratitude to the Management, Principal, Dean – Administration, Vice Principal (Academics and Administration), HoD of EEE and ISTE coordinator for fruitful encouragement support for organizing the industrial visit.

Photos:

Industrial Visit
in Association with
ISTE Student Chapter
to
Rayalaseema Thermal Power Project (RTPP)
Kalamalla, Kadapa, AP
on 9th April 2022

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www.mits.ac.in Madanapalle-517325, Chittoor Dist., Andhra Pradesh

CELEBRATING 23 YEARS OF ESTABLISHMENT



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Signature of the Faculty Organizer

Signature of HoD