



SHRI VILE PARLE KELAVANI MANDAL'S INSTITUTE OF TECHNOLOGY, DHULE

Department of Mechanical Engineering

Report of Industrial Visit

Name of the industry: Thermal Power Station, Eklahare, Nashik

Visit Date: 06/09/2019

Faculties Involved in the Visit: Prof. Dattatray S. Doifode & Mr. Mahindra Patil

Students: Third Year B. Tech. Mechanical Engineering

Description about Visit:

Nashik Thermal Power Plant is located at Eklahare village near Nashik in Maharashtra. This power plant is one of the coal based power plants of **Maharashtra State Power Generation Company (MAHAGENCO)**. Nashik Thermal Power Station has an installed capacity of $140 \times 2 + 210 \times 3 = 910$ MW. The first unit was commissioned in 1970. The cost of unit including civil works was Rs 56.5 crores. And the second unit also commissioned with the same cost under the first stage. Second stage of Power station 3×210 MW was started in April 1976. The power station campus includes self-contained township with all amenities. The entire land consists of 474 hectares. The power plant has got ISO Certification on April 2002.

During the visit the students have been given the demonstration of power plant by **Mr. S. K. Somwanshi**. And later on a site visit was carried out. Students have got the knowledge about the process of power generation and equipment's involved. Students have seen the practical working of the following parts, their location and function in thermal power station as well,

- Coal handling process (coal transportation, coal mills ,coal bunkers)
- Water tube boilers
- Turbines
- Condensers
- Feed pumps
- Cooling towers
- Chimney
- Electrostatic precipitators
- I.D. Fan and F.D. Fan
- Generators
- Transformers





Figure1: INDUSTRIAL VISIT TO NASIK THERMAL POWER STATION



Figure 2: INDUSTRIAL VISIT TO NASIK THERMAL POWER STATION



Figure 3::INDUSTRIAL VISIT TO NASIK THERMAL POWER STATION



Figure 4::INDUSTRIAL VISIT TO NASIK THERMAL POWER STATION

STATION

Following students have attended the industrial visit,

Sr. No.	Name of Students	year
01	BHESANIA ESHANT PRAJESH	Third Year
02	DALVI SHUBHAM TANESH	Third Year
03	MAHAJAN PRIYANKA PRAKASH	Third Year
04	DESHMUKH SAURABHA SHRIKANT	Third Year
05	BORSE PRATIK KAILAS	Third Year
06	BHAT YASH MILIND	Third Year
07	KAPADNE BHANUDAS RAJENDRA	Third Year
08	SURYAWANSHI RAHUL PANDURANG	Third Year
09	TEJASHRI CHAUDHARI	Third Year
10	PATEL SHUBHAM MUKESH	Third Year
11	PATIL PUSHKAR SAJAN	Third Year
12	BHANDARI BHAGYESH KIRAN	Third Year
13	PATIL YOGESH KIRAN	Third Year
14	RAHUL SHARMA	Third Year
15	THORAT SAMAR MANESH	Third Year
16	TAUKEER SHAIKH	Third Year
17	PATIL RATNADIP ARVIND	Third Year
18	CHAUDHARI NIKHIL NARENDRA	Third Year
19	BADGUJAR YASHOVARHDHAN VILAS	Third Year
20	MAHAJAN DIPAK SHANALAL	Third Year



21	CHAVAN SANKET SUNIL	Third Year
22	PATIL HARSHA JIJABRAO	Third Year
23	DIPAK CHAVHAN	Third Year
24	JAWRAJ ROHAN SURESH	Third Year
25	RAJASHREE DEORE	Third Year
26	AKSHAY NEWADKAR	Third Year
27	SHOAIBUDDIN ALIMODDIN KAZI	Third Year
28	SHUBHAM BHOKARDOLE	Third Year
29	JADHAV NILESH SURESH	Third Year
30	BORSE TEJRAJ SANJAY	Third Year
31	ANSARI MD ANAS AKHTAR HUSAIN	Third Year
32	MALI ABHISHEK PRAVIN	Third Year
33	JAYESH MALI	Third Year
34	AATIF PINJARI	Third Year
35	AAKASH DEORE	Third Year
36	BHAT AMAN PRASHANT	Third Year
37	SONJE PRATIK SANJAY	Third Year
38	BHAMRE VIPUL VISHVASRAO	Third Year
39	BHAMRE JAYESH ASHOK	Third Year
40	BORSE DURGESH DHIRAJ	Third Year
41	BORSE NIKHIL RAVINDRA	Third Year
42	CHAUDHARI AVINASH ANIL	Third Year
43	JADHAV BHOJRAJ PRAVIN	Third Year
44	MAHAJAN JAYESH SATISH	Third Year



Mr. Dattatray Doifode
Faculty Coordinator



Prof. Mohammad Juneduddin
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H.O.D. Mechanical Dept.
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Dr. Nilesh Salunke
Principal & Patron
Principal
SVKM's Institute of Technology, Dhule

