



SREE VENKATESWARA COLLEGE OF ENGINEERING

NAAC 'A' Grade Accredited Institution,
An ISO 9001:: 2015 Certified Institution
(Approved by AICTE, New Delhi and Affiliated to JNTU, Anantapur)
Northrajupalem (Vi), Kodavaluru(M) , S.P.S.R Nellore (Dt)-524316



DEPARTMENT OF MECHANICAL

REPORT ON INDUSTRIAL VISIT TO INFOTECH

Date: 19.12.2022

Place of Visit : SDSTPS Power Plant

An Industrial visit was organized for the students of III B.Tech, MECHANICAL on 14-12-2022. 35 students along with 03 faculty members, of the MECHANICAL department visited SDSTPS Power Plant, Nelaturu , Muthukuru ,Nellore.

In this visit students had knowledge on

Topic 1 – Thermal power plant

Topic 2 – Energy conversion

COMPANY PROFILE:

Sri Damodaram Sanjeevaiah Thermal Power Station is located in Nelatur Village, near Krishnapatnam and at a distance of 23 km from Nellore city of Andhra Pradesh. The power plant is one of the coal-based power plants of *Andhra Pradesh Power Development Company Limited (APPDCL)*. It is the Special Purpose Vehicle (SPV), a joint venture company of APGENCO (with 50% equity) and IL AND FS (50% equity) partnership.

The proposed capacity of plant is 1600 MW. The Power station is designed for blended coal in the ratio of 70% washed domestic coal from Talcher Coalfield to 30% imported coal. Sea water is proposed for cooling purpose and potable water by desalination. Krishnapatnam port (about 5 km from site) will cater to the requirement of importing heavy machinery and both domestic & imported coal of 3.5 and 1.5 million tons per annum respectively. EPC contract for the main plant has been awarded to BHEL, L&T and Tata Projects Limited during July, 2008 and for BOP during February 2009. The estimated complete cost of project is about Rs 8432/- Crores. The Debt & Equity ratio is 80:20 and Project is being financed by PFC and KfW, Germany



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The industrial visit to this company was a very good exposure for the students in terms of enhancing their knowledge in live projects and acquiring required skills for the industry entry.

