

**K L UNIVERSITY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**Report on Industrial Visit of B.Tech 3<sup>rd</sup> year students to  
DR.NARLA TATA RAO THERMAL POWER STATION located at IBRAHIMPATNAM  
(Mandal), KRISHNA Dt.**

**By**

**LIMAT - MADALAVARI GUDEM, VIJYAWADA RURAL ON THURSDAY, 8<sup>th</sup> & 15<sup>th</sup>  
September, 2015.**

	<b>Faculty Name</b>	<b>No. of Students attended</b>	<b>Date</b>
Trip A	Mr. Y S Rao Mr. M Srikanth Ms. G Mamatha	65	8 Sep 2015
Trip B	Mr. Y S Rao Mr. R B R Prakash Ms. G Mamatha	77	15 Sep 2015

To upgrade and enhance technical knowledge & provide industrial exposure to the students and to keep them abreast of the latest development in technical areas under Community Students were given opportunity to visit **DR.NARLA TATA RAO THERMAL POWER STATION, Ibrahimpatnam, Vijayawada**, which consists of six units each producing 210 MW respectively. The Seventh Unit of 1x500MW was commissioned on 06.04.2009. The Station is achieving continuously sterling performance every year. It stood First in the Country during 1994-95, 1995-96, 1996-97, 1997-98 and 2001-02 by achieving the highest Plant Load Factor. The Station has been the recipient of many prestigious Awards from various organizations including Meritorious Awards instituted by the Government of India.

The Station has received Meritorious Productivity Award for twenty one consecutive years and also got the Incentive Award for twelve consecutive years. The Station has bagged Gold Medal for 2003-04, 10th time in a row since 1994-95.

Mr.NAGARAJU, ASST. DIVISIONAL ENGINEER, co-ordinated us during this visit and has cleared all the queries of students related to conversion of energy that takes place in the boiler and also about distribution of energy from switch yard to various load centres. During this visit the students observed the operations of Electro static Precipitator, Air preheater and power transformer. It was really a knowledge gaining trip for the students.

This visit was arranged by Electrical Generation and Power Distribution (EPGD) course coordinator Mr. Y S R RAO and other Faculty members Mr. R B R Prakash, Mr. M Srikanth and Ms. G Mamatha also participated in this visit.