

### **Industrial Visit to Nizam Sugars on 5<sup>th</sup> Feb 2013**

The students B.Tech(III-II) of RGUKT(IIT), Basar undertook a visit of Nizam Sugars on 5<sup>th</sup> february, 2013. It is a sugar factory situated in Bodhan town of Nizamabad district, Telangana which is about 41 km distance from RGUKT(IIT) Basar.

Nizam Sugar Factory was established in 1937 during the time of the last Nizam of Kingdom of Hyderabad, Mir Osman Ali Khan. It was established on land around 15,000 acres and the location was named Shakkar Nagar and was the largest sugar factory in Asia at that time.

The main objective of the visit is to understand the production mechanism and gaining the knowledge on management functions.



The Nizam Sugars Limited accompanied by three sugar units, a distillery and 20MW co-generation power plant. Including the power generation the major products are sugar, Rectified spirit and ENA.



The various unit operations like crushing, evaporation, distillation and crystallization are involving in the sugar production are well exposed to the students and various control systems involved in the power generation are also explained by the concerned people of the plant.



Overall the visit provided the exposure of industrial environment, work place culture to students.

And also provided knowledge on practical concepts which are related to Chemical engineering subjects.