INDUSTRIAL VISIT REPORT OF
ADANI, MUNDRA ON 7TH & 8TH OCT 2015

VISIT CO-ORDINATOR:
PROF. ALPESH PATEL

VISITED FACULTIES:
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DEPARTMENT OF ELECTRICAL/EEE ENGINEERING
GROW MORE FACULTY OF ENGINEERING
Industrial visit is important part in engineering. By this student aware with real life projects, constructions and machinery. Also know about new invention and projects which works in real life.

Grow More Faculty of Engineering (EEE/ELE dept.) organized an industrial visit for 7th Sem. EEE/ELE & 5th Sem. Diploma ELE students. Total 72 students & 7 faculty members visited Adani power plant, Fortune Edible Oil Refinery, Adani port which is located at Mundra.

Information about Adani Mundra Port:

Mundra Port, the flagship port of Adani Ports and SEZ Ltd. (APSEZL), has achieved a new landmark of handling 100 million metric tonnes in FY 13-14. Mundra is the only commercial port in India to have achieved such a unique feat. APSEZL, India’s largest port developer and operator is part of the Adani Group. Adani mundra port is divided in to East port, West port. West port is capable to unload 4 vessel at a time. In west port all type of material is unloading such like as coal, wood, steel, oil, container of different material etc. West port has many automated machinery which is used for adjust the vessel, load & unload the vessel. East port is in under construction. This port is fully automatic for unloading the coal from vessel. Coal is unload from ship and put that coal on conveyer belt. This conveyer belt is 33km long which drive the coal from vessel to power plant.
Information about Mundra Thermal Power Station:

The power plant is one of the coal-based power plants of Adani Power. The coal for the power plant is imported primarily from Indonesia. Source of water for the power plant is sea water from the Gulf of Kutch. It is the world's fifth-largest single location coal-based thermal power plant as well as India's largest operational power plant as per August, 2012 and also in private sector, it is world's largest single location coal-based thermal power plant.

To complete the value chain in power supply, adani has forayed into power transmission. Group’s first line to be commissioned was 400 KV, 430 km long double circuit line from Mundra to Dehgem. Further the group achieved a landmark with completion of about 1000 km long 500km Bi-pole HVDC line connecting Mundra in Gujarat to Mohimdevgarh in Haryana. This became the first HVDC line by a private player in India and connects western grid to northern grid. Today adani power has approximately 5500 circuit Kms of transmission lines connecting its Tiroda project in Maharashtra with Maharashtra grid.

Adani wilmar:

At Adani Wilmar Limited, They are constantly trying to improve our standards, to improve our country’s health. We believe that the future of a nation rests on its people. People, who don’t just dream, but aspire. However, dreams, big visions, big challenges and courage need a strong, healthy and nourished body. AWL's Specialty Fats Business Division has been set up to service the food industry in India and its neighbourhood. With world class technology and the best of plant & machinery backed up with elaborate Quality Assurance system and product Development & Application facilities, specialty fats division of AWL is fully geared to meet the most stringent technical specifications of the food industry. Adani Wilmar has a number of products for the consumer segment. These can be categorized in to edible oils, Rice, Besan & Pulses.

Today, AWL owns refineries in 17 strategic locations across India, has 8 crushing units and 18 toll packing units. Cumulatively, this translates to a refining capacity of over 10400 tonnes per day, seed crushing capacity of 7400 tonnes per day and packaging capacity of 9000 tonnes per day. AWL has the largest distribution network among all branded edible oil players in India, with more than 93 stock points, 3500 distributors and 10% Retail Penetration which spans across approx. 1 Million outlets all over India.