



**G H Patel College of Engineering & Technology, V. V Nagar**

**Department of Civil Engineering**



**Report on**

**Visit to “1. Adani Port & SEZ, Mundra  
2. Adani Wilmar, Mundra  
3. Adani Power Plant, Mundra”**

Department of Civil Engineering, GCET had organized Two days Educational visit to “Adani Port & SEZ, Adani Wilmar, Adani Power Plant, at Mundra” on 30-31<sup>st</sup> December 2018. 37 students and 2 faculty members had visited the same.

**About Adani Port & SEZ:**

- Adani Ports and Special Economic Zone Limited (APSEZ) is India’s largest private multi-port operator. It is a part of the Adani Group, an integrated infrastructure corporation. The company (earlier known as Mundra Port & Special Economic Zone Ltd.) changed its name to Adani Ports and Special Economic Zone Limited on January 6, 2012. The company commenced operations at Mundra Port and currently operates 10 ports in India comprising 45 berths and 14 terminals across 6 states
- Adani Ports and Special Economic Zone Ltd. (APSEZ) provides Dredging and Reclamation solutions, primarily for port and harbor construction. The Adani Group started investing in developing a dredging fleet in 2005. At present, APSEZ operates a fleet of 19 dredgers which is the largest capital dredging capacity in India.

**Aim of Visit:**

- The main aim of visit was to make students aware and to teach them about the various Components of Ports, the working flow of port harbours starting from the anchoring, Berthing, Loading, Unloading, Storing, Transporting, Fueling and many more as they are studying the part of it in subject called “*Harbour & Airport Engineering*”.
- Moreover students were aware about different types of ports (Natural & Artificial), ports for different types of material (Liquid, Gas, and Solid material).
- Also knowledge about the different components of Harbour and Ports and how they are planned and grouped with each other so that the optimization of the process can be done and economy can be achieved.

**About Adani Wilmar**

Adani Wilmar Limited (AWL) is a joint venture incorporated in January 1999 between Adani Group- The leaders in private infrastructure and Wilmar International Limited - Singapore, Asia's leading Agri business group. The Adani group was created with a vision of ‘Nation Building’ by developing assets of national economic significance.

Wilmar International Limited - Singapore, Asia's leading Agri-business group & its business activities include oil palm cultivation, oilseed crushing, edible oil refining, sugar milling and refining, specialty fat, oleochemical, biodiesel and fertilizer manufacturing and grain processing. It has over 450 manufacturing plants and an extensive distribution network covering China, India, Indonesia and some 50 other countries. The joint venture kicked off with the commissioning of India's first port-based refinery at Mundra, Gujarat and later on other such units were setup across other locations.

**Aim of Visit:**

- To give idea about the Pipeline engineering to the budding engineers
- To the Process of Automated Oil manufacturing.
- It also gives idea to the students that how one can be a successful entrepreneur.

**About Adani Power:**

Adani Power Limited is the power business subsidiary of Indian conglomerate Adani Group with head office at Ahmedabad, Gujarat. The company is India's largest private power producer, with capacity of 10,440 MW and also it is the largest solar power producer of India with a capacity of 688 MW.

**Aim of Visit:**

- To get the knowledge about the planning of different components of Power plant can be planned and well managed.
- To get knowledge about how the materials are transported through different means of transportation for getting the best benefits of the available geographical condition.
- To know how the electricity which is generated is transferred through transmission line