



Swarnim Startup & Innovation University Activity Report 2019

Department	Civil Engineering Department (School of Engineering)
Activity	Industrial Visit at Adani Port, Mundra
Date	6 th Feb. 2019 & 7 th Feb. 2019
Duration	2 days
Semester	6 th & 8 th Sem.
Expert Details	Mr. Jagdish Pandya, Expert Adani Engineer
Faculty Details	1. Kartik S. Zala 2. Mansi D. Prajapati
Number of Participants	38 Students

Summary: This was our first visit with Adani group of companies like Adani Willmar, Adani fortune oil, Adani power, Adani exports. We reached the company at 12:30 PM. We saw different sections where actual power and other things were made and transferred. Further we had a chance to see **world's largest Private Commercial Port & INDIA's 2nd largest Power Generation Plant** which produce **4620kW power** also a **West-port** where there was **6 km**

dockyard created along with plan of **constructing 17 berths** that were under maintenance over there. Senior technical persons explained us how actually all this worked. We saw various sections and manufacturing places of Adani.

Aim: Basic aim behind this industrial visit is to get practical exposure about port activities & different goods handling activities done by the port with various latest instruments.

Significance/Outcome: After 2 days of interaction with the port authorities and other stakeholders, its significance/outcomes are as below.

- Being a second largest power plant of India, Adani Power generation plant generates about 4620 KW of power. Produced power is currently useful for Gujarat and Haryana.
- There is other section of oil refinery, where we saw the 5 process of refining different edible oil, production making of bottles and oil tins and packing of the same.
- The Port section was divided in two parts which are **West Port and South Port**.
 - On West Port a dockyard of 6 km has been established by the company.
 - This port was made in such a way that 17 ships could berth at one time.
 - At the South Port, there was conveyer belt of about 2km long.
 - South Port consists of total 12 berths.
- There is a conveyer belt of 14km long, which delivers coal at the speed of 7m/s.

Students Outcomes:-

- An exposure tour is organized wherein students are given a chance to visit the Adani Port, Adani Power & Adani Wilmar facilities at the Mundra site, to get an insight into the large scale business activities carried out there.
- As becoming future civil engineers students come to know about the practical application of harbor, jetties, wharfs and ship's loading and unloading, even get a chance to see the construction of water structure and even new technologies used at the Adani ports.
- The major objective behind organizing such trips is to encourage young minds to develop an interest in all sorts of enterprises, and to encourage them to dream big in life.
- Civil Department believes that young students when given exposure; it helps them understand their own potential and get motivated to work towards the same.

Conclusion: The visit was truly professional and well managed till the end. The staff and students were thankful to the **Adani foundation** and **Aadishwar college of Technology – Venus's** management for granting the permission for the visit.

Photographs:

