



DEPARTMENT OF CIVIL ENGINEERING

Industrial Visit Report

3RD AUGUST, 2014

At

Adani Foundation, Mundra Port.



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ACKNOWLEDGEMENT

We are gladly thankful to Director as well as Principal, Dr. H. M. Nimbark and Head of the Departments Prof. H.H. Gajera and our faculties who give us a great guidance regarding training and instruct us the importance of training in the field of Civil Engineering. So we decided to take visit at Adani Foundation, Mundra Port.

We are especially thankful to respected Manager, Adani Foundation, Mundra Port. Because he granted us permission for taking visit at Mundra Port and give the proper guidance to students and allow to visit the Port for the practical based approach learning to students.

GENERAL INFORMATION

Adani Port and Special Economic Zone Limited (APSEZ) is located in the Gulf of Kutch on the west coast of India situated 60 km west of Gandhidham in Kutch district of Gujarat.

APSEZ is ideal for global trade due to multiple benefits. It is situated enrooted most international shipping destinations.

The gulf acts as a natural shelter for the port, facilitating 24x7 safe berthing, unberthing and vessel operations. The port also provides a distance advantage to the northern and western hinterland of India vis-a-vis other ports. This makes it the natural gateway for the cargo hubs functioning in the northern and western states of India as well as the NCR.

PURPOSE OF VISIT

Our main purpose for this visit is to make students familiar with industrial environment and to apply their practical knowledge about Docks.



8th semester subject Dock, Harbour and Airport Engineering is also required to adopt the knowledge about dock and different ports, so it is very convenient to visit all the practical and design data in real time work environment.

WHAT WE LEARN?

we reached at 1:00 p.m. on 4th August, 2014 (Sunday) at Adani Ports and Special Economic Zone. We got entry at 1:30 p.m. And the visit started by distributing the cap to each student by Adani Foundation authorities.



Adani Foundation South-Port



We began the visit from South-port at 3 pm. One of the guide from South-port has guided the students about working of South-port. Students were guided about working of jetty, tug, coal, types of crane, container.

They also explained about the loading and unloading the ship. At South-port about 16 number of jetty are available and future planning is to increase number up to 55 jetty. They export the variety of materials like car, fertilizer, seeds, coal etc.

Fortune Refinery

From south-port we moved to fortune refinery at 5:00 p.m. The chief officer, Mahipalsinh Gohil guided the students about the working at Oil Refinery.



It was an amazing experience to visit the oil refinery. The chief officer guided the students about production of oil from raw material. He also showed the process of packing and distributing.

As a complimentary return each students were gifted a bottle of oil with lots of good wishes.

Cultural Event

At the end of the day we returned to shanti-vihar . We visited the temple nearby and had dinner at shanti-vihar. After dinner students organized the cultural program.



The campus of shanty-vihar was very beautiful with pleasant weather. The members of shantivihar as well as students have enjoyed the cultural program.

Yoga and Laughing club

On 5th August 2014 at 6:00 am, the day started with the aesthetic pleasure of yoga and meditation. The dormitories have also arranged laughing club for students. The tiredness of the previous day just flew away and students had a feeling of freshness.



Adani Foundation West-Port and Power Plant

Now the march began towards the west port around 35 km from shanti-vihar around 9:30 am. There the chief engineer guided the students about the working of belt-conveyer and loading and unloading of coal and other significant materials. The transfer rate of coal from one place to another through belt conveyer was within seconds.



From there the students moved towards last part of visit, power plant. There the work executive guided the students about process and design of chimney and boiler.



And the visit ended up by 3 pm in evening and students have wind up their tasks like bags packing and were ready to return at ahemdabad by the bus provided by Adani foundation.



CONCLUSION

From this visit, we gathered the information and learned to utilize practical knowledge like design of docks and shipyard. Students learned clear idea about theoretical and practical design parameter. There should be at least one visit arrangement like such International Industry visit and interaction with Industry experts. 74 students were benefited with such International Industry Visit.



Thank You