

Department of Civil Engineering

Report on

Visit to “Deendayal Port Trust-Kandla, Tuna Port, Kandla and Adani Port-Mundra ”

Department of Civil Engineering, GCET had organized two day (01st-02nd Septemer, 2022) educational visit to “**Deendayal Port Trust-Kandla, Tuna Port, Kandla and Adani Port-Mundra**”. A total of 37 students (4th year) along with 2 faculty members, Dr. Khadeeja Priyan, Prof. Nirajkumar Mandowara visited the units.

Aim of Visit:

The main aim of visit is to observe & understand the functions of ports, Working of port and construction of ports. a

About the Visit:

Kandla, also known as the **Kandla Port Trust** or **Deendayal Port** is a sea port in Kutch District of Gujarat state in western India, near the city of Gandhidham. It is Located on the Gulf of Kutch, one of major port on west coast. Kandla was constructed in the 1950 as the chief seaport serving western India, after the partition of India and Pakistan. Kandla Port Trust, India's busiest major port in recent years, is gearing to add substantial cargo handling capacity with private sector participation. The port has already received encouraging response from prospective bidders, for the project that is estimated to cost nearly 5,000 million INR.

First day (01/09/2022) we visited the Deendayal Port Trust, where they have given us brief about the Deendayal Port trust and the working of the port, The students got the exposure about the Components of the port and harbour. Also get idea about the handling of the loose cargo (like Salt, Coal, Wood, metal, etc. Later in afternoon we visited the Tuna Port, Kandla, the berthing capacity of Tuna Port is 4 Big size ships at a same time along with 11m draft. At the port we saw massive structural elements which were constructed to withstand strong forces of ships. We were amazed to see heavy cranes which were swinging in the skies of the site. We saw loading-unloading of urea, coal, Malaysian teak wood etc. We saw steel floating dry dock.

The first day visit helps the student to understand the different components of the Port and Harbour along with the Natural phenomenon. They understood the working and functioning of the port also. Really it was a fruitful day for all of us

Second Day (02/09/2022) at around 9 AM we started our journey to Mundra Port. After security checks, we entered Mundra Sez which was covered on 15000 Ha of land. Mundra port was founded in 1998. It is the largest private port in India. Its capacity is around 100 million metric tons. It is having 70 km double railway track of its own. In one hour 60 containers are loaded and unloaded on the container jetty. We saw loading of cars, huge dry material storage sheds, and huge ships. We also saw water maker from capturing moisture of the atmosphere. We saw heavy machineries and loading and unloading of huge ships.

It was truly an amazing experience and most fruitful visit. We are also thankful to Mr. Mukesh Bhate, Mr. Rajesh Israni, and Mr. Shailesh Rathod for making all the necessary arrangements and explanations during the visit.

Glimpse of Visit



