Industrial Visit Report

Name of College :- A. P Shah Institute of Technology, Kasarwadavli, Ghodbunder Road, Thane (Maharashtra)

Department :- Information Technology

Industry Visited :- DP World Nhava Sheva Operation Center, Container Gate Sheva Navi Mumbai - 400707 India

Date : 4th February 2020

Total 50 students of SEM IV (25 students) + SEM VI (25 students)

Faculty Accompanied: 1.) Prof. Neha Deshmukh
2.) Prof. Rujata Chaudhari
3.)Prof. Ganesh Gourshete

INDUSTRY PROFILE:-

Nhava Sheva International Container Terminal Pvt Ltd. also known as NSIGT, India's first private container terminal was set up in 1997 and was inherited by DP World as part of the P&O Ports acquisition in 2006. Built at Jawaharlal Nehru Port (JN Port), India's largest gateway to container trade, DP World Nhava Sheva has long been a significant contributor to India's development, and an exemplary example for all subsequent container terminal operators to follow.

NSIGT is managed under a 30 year Build-Operate-Transfer agreement set up with the Jawaharlal Nehru Port Trust (JNPT) of the Government of India. This Terminal which operates with state-of-the art infrastructure and provides world-class service is certified for ISO 9001, ISO 14001, OHSAS 18001 and ISO 27001 management systems.

AIM OF THE INDUSTRIAL VISIT:-

1) To interact the students with actual industry personals.

2) To make them aware of the industrial procedures required to enter in any company.

3) To experience the working environment in industry and visualize all the important Departments in the Industry.

4) Interaction of students with the peoples of all important departments.

5) To prepare the students for the selection of carrier path in different departments of industry.

Ground report:-

According the route and time plan one busses was departed and reached the **smart gate** of DP World Nhava Sheva Operation Center. After checking ,we went in other bus for terminal point of port.

WE VISITED SMART GATE :-
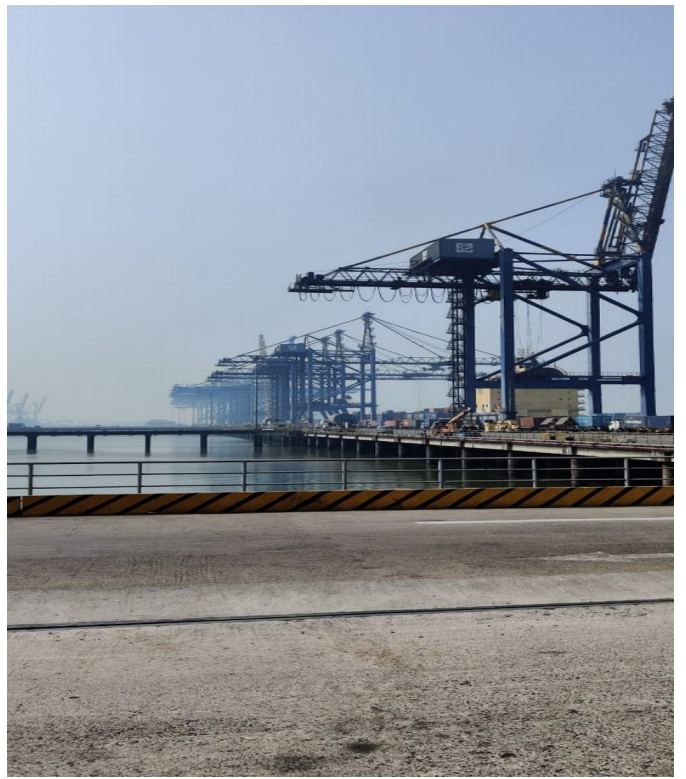
AT THE TERMINAL:-

After reaching at terminal point , management team informed all students about:-
1.) Safety measures.
2.) Software regarding product transportation like nero software which one of the best and expensive software.
3.) Technical plateform and their control on the process.

4.) Financial part where they informed how billing is done with help of software.

5.) Software management using oracle database which needs 50GB space with 20-22 GB growth of data yearly.

6.) The management team also uses UNIX and linux for coding.

CONTAINER GATE:-

After lecture at terminal we went to container gate to watch the live process that how a product is taken in container , movement of conatiner by cranes , and placing them in ship.

Control room of terminal:-

1.) Enable smooth paperless transactions over a single window to customers and trade at large.

2.) Have successfully processed over 75,244 electronic transactions and containers, since launch Cold Chain Logistics.

3.) Camera control of shipping process where they can zoom and read the container.

4.) Protection and security of container and system.

5.) About full speed engine and auxillary engine, in auxillary engine the disel consumption is less.

6.) Container can't be move without control room permission.

7.) ZODIAC SOFTWARE:-
-An in-house developed, advanced Terminal
 Operating System (TOS).
-Provide an integrated platform of
 Gate-Yard-Vessel-Movement via high-level
 of automation.
-Equipped with advanced modules that
 optimise vessel side productivity, enabling
 faster turnaround of containers on land and
 rail side.
-Over real-time execution with smart
 controls that enhances terminal efficiency
 and productivity.

8.) BHARAT TRADE:-
-Launched the 'Bharat Trade Portal'
 in 2016 on a pilot basis in Cochin.
-Enable smooth paperless transactions

Over a single window to customers and
trade at large.
-Have successfully processed over
75,244 electronic transactions and
containers, since launch.

MOMENT OF STUDENTS WITH TEAM:-