

Government Polytechnic Valsad

Chemical Engineering Department

A report On “Industrial Visit”

An Industrial visit has been organized by **Chemical Engineering Department**, Government Polytechnic Valsad for 6th semester Students on **May 3, 2023 (Academic Year 2022-23)** at **Deepak Cellulose Pvt.Ltd ,Gundlav Valsad.**

It is crucial to keep up with the most recent developments in chemical engineering, where technology is developing extremely quickly. As a result, it is crucial that technical students contact with Industry Experts and industrial facilities. Industrial visits provide opportunity to students to meet industry leaders, Experts who share their learning and experiences.

The purpose of this visit is to enhance the students technical knowledge, proper understanding of the functioning of various unit operation and processes, and Raw material/Product testing in the industry. It helps to bridge the gap between classroom and the real field world.

Deepak Cellulose was formed in 2004 and carries a legacy of 15 years. The company was formed with the ambition of providing reliable sources of good quality excipients with cost-effective solutions to pharmaceutical, nutraceuticals & cosmetics Industries.

Deepak Cellulose is an ISO 9001:2015 certified company and Located at New GIDC, Gundlav, Valsad. Deepak Cellulose is India's Leading Manufacturer of Cellulose Ether And Generic Products Like Hydroxy Propyl Methyl Cellulose Phthalate Or HPMC-P, Cellulose Acetate Phthalate, Hypromelloseacetate Succinate And Hypromellosetrimellitate.

We have Visited **HYDROXY PROPYL METHYL CELLULOSE PHTHALATE** plant at Deepak Cellulose Pvt.Ltd. The industrial visit provided an insight into the functioning of various departments including RM store, Production department, Utility section and ETP.

The various unit operations/processes used in the plant, such as the esterification process, Sporkler Filter, Centrifuge Filter, ML Handling, Fluidized bed dryer, Utility section and operations involved in Effluent treatment plant are demonstrated to the students, along with their useful practical aspects. The visit was followed by question/answer session and Senior Production Manager Mr. Ajinath Thombare shared information and knowledge, as well as personal trouble shooting experience. The technical knowledge and skills of the students will be strengthened as a result of this.

The industrial visit was coordinated by Mr.P.D.Prajapati, Faculty of Chemical Engineering Department, G.P.Valsad. 60 students of 6th semester and 3 Faculty members (Mr. J.D. Raut, Mr.P.D.Prajapati and Mr. G.G. Raval) are witnessed of one-day industrial Visit.

Glimpse of Industrial Visit

