

GOVERNMENT ENGINEERING COLLEGE, VALSAD  
CHEMICAL ENGINEERING DEPARTMENT

**Report**  
on  
Virtual Industrial visit  
at  
**BEIL Infrastructure Limited, Ankleshwar**

05 NOVEMBER 2020

## Details of Virtual Industrial Visit

**Name of industry:** BEIL Infrastructure Limited, Ankleshwar

**Date of Visit:** 05-11-2020

**Name of department:** Chemical Engineering department

**Number of Participants:**201

**Event coordinators:** Dr. N.M Patel, Prof A. R. Magodara & Dr. S. K. Shrivastava

### **Objectives of industrial visit:**

- To demonstrate waste management system.
- To demonstrate the working & operations of various instruments involved in the waste management system and understand the importance of Chemical engineering and the role of Chemical Engineer in the waste management plant.

### **Event description:**

The Department of Chemical Engineering organized a virtual industrial visit to BEIL, Ankleshwar on 05th November, 2020. The visit was organised for all students (Semester-3, 5, 7) of chemical engineering department. The visit comprised 201 students and faculty members of chemical engineering department. BEIL, Ankleshwar is a Hazardous Waste Management Company which aims for a clean, green and healthy environment by providing reliable, economical, waste management solutions for treatment of Toxic / Non-toxic Industrial, Municipal, Bio-Medical and E-Waste to minimize collected waste for disposal in a scientifically safe engineered way. Company has also partnered with some of the world's leading organizations to develop technology that helps for handling, treatment and disposal of waste in scientific manner.

In context to virtual visit, Ms. Bhoomi Tambedia (Environment Engineer, BEIL Infrastructure Limited) introduced the company and its working profile using power point presentation. Thereafter, Prof A. R. Magodara, Asst. Prof., Chemical Engineering visited the plant along with Mr. Pratik Shah, Assistant Manager, BEIL Infrastructure Limited. The demonstration of whole plant was carryout though

Microsoft Team App. The students have gone through the whole plant for waste management wherein, they have been showing working and operation of various instruments which are used to check the parameters required (BOD, COD, TDS, pH etc.) for the waste disposal. In addition, students gone through the explanation/discussion given by Mr Pratik Shah on each and every aspect associated with the working of aforementioned instruments. In addition to that regular discussion on each and every point was made by Prof A. R. Magodara for better understanding of the waste management system to the students. Finally, questions and answer session was put up at the end of visit. Students have asked various questions about the industry and its working to Mr Pratik Shah. Eventually, the visit proved to be fruitful for the students and satisfied its objective of demonstrating various roles of Chemical engineering and Chemical engineer in the waste management plant.

# Glimpses of virtual industrial visit

## WASTE HEAT RECOVERY BOILER



### Bharuch Enviro Infrastructure Ltd ANKLESHWAR UNIT



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### LANDFILL PHASE - III - INSPECTION BY DR. RAMANNA, IIT, DELHI



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