



03-05-2025  
Mylavaram

### Industrial Report

The first year B. Tech. Civil Engineering students (2024 Batch) of Lakireddy Balireddy College of Engineering Mylavaram have underwent an Industrial visit to the Ready mix concrete plant at Vaddeswaram, Vijayawada on 03-05-2025.

Students learned about the complete production process, including material storage, mixing, quality control, and transportation. Plant Heads explained the importance of precision in each stage and demonstrated quality testing methods such as slump tests. Students also observed the use of advanced machinery like computerized batching systems, twin-shaft mixers, and transit mixers.

Through interactions with plant engineers, students gained insights into challenges in production, the significance of admixtures, and the need for timely delivery. The visit helped bridge the gap between theoretical learning and real-world practices, enhancing students' technical understanding of concrete and plant operations.

Overall, the visit was highly informative, helping students connect classroom knowledge with industry practices, and motivating them for future roles in the construction and civil engineering sectors.







Head of the Department





26-04-2025

Mylavaram

### Industrial Report

The Second year B. Tech. Civil Engineering students (2023 Batch) of Lakireddy Balireddy College of Engineering Mylavaram have underwent an Industrial visit to the Ready mix concrete plant at Autonagar, Vijayawada on 26-04-2025.

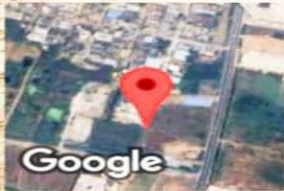
Students learned about the complete production process, including material storage, weighing and batching, mixing, quality control, and transportation. Plant officials explained the importance of precision in each stage and demonstrated quality testing methods such as slump tests. Students also observed the use of advanced machinery like computerized batching systems, twin-shaft mixers, and transit mixers.

Through interactions with plant engineers, students gained insights into challenges in production, the significance of admixtures, and the need for timely delivery. The visit helped bridge the gap between theoretical learning and real-world practices, enhancing students' technical understanding of concrete technology and plant operations.

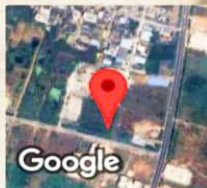
Overall, the visit was highly informative, helping students connect classroom knowledge with industry practices, and motivating them for future roles in the construction and civil engineering sectors.







Vijayawada, Andhra Pradesh, India  
Gp33+6f7, Enikepadu, Vijayawada, Andhra Pradesh 520007, India  
Lat 16.503074° Long 80.703468°  
26/04/2025 11:53 AM GMT +05:30



Vijayawada, Andhra Pradesh, India  
Gp33+6f7, Enikepadu, Vijayawada, Andhra Pradesh 520007, India  
Lat 16.502608° Long 80.70319°  
26/04/2025 12:11 PM GMT +05:30





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# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC, ISO 9001:2018 Certified Institution

ISO 21001:2018 Certified & Accredited by NBA (under tier-1) & NAAC

Approved by AICTE, New Delhi. and Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

Phone: 08659-222933, Fax: 08659-222931

## DEPARTMENT OF CIVIL ENGINEERING

### INDUSTRIAL VISIT ORGANIZED

A.Y	PROGRAM	NAME OF INDUSTRY/COMPANY	DATE	NO OF STUDENTS PARTICIPATED
2024-25	B.Tech	Hospital Waste management Facility operated by M/s Safe Environ, near NRI Hospitals, Guntur District	16-10- 2024	66



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## DEPARTMENT OF CIVIL ENGINEERING

### INDUSTRIAL VISIT

**Industry visit details:** Hospital Waste management Facility operated by M/s Safe Environ, near NRI Hospitals, Guntur District

**Date :** 16-10-2024

Name of Coordinators:

1. Mr. B. NARASIMHA RAO, Sr. Assistant Professor, LBRCE
2. Mr. K. HARISH KUMAR, Sr. Assistant Professor, LBRCE.

Target Audience:

1. 4<sup>th</sup> year B.Tech Civil Engineering students of LBRCE

Total no of Participants: 66

Objective of the event:

1. To bridge the gap between theory and practice

Outcome of event:

1. Students should know the various waste disposal methods.
2. Students should know the difference stages in hazardous waste disposal.

Feedback / Suggestions:

1. Positive. More programmes are required.





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## DEPARTMENT OF CIVIL ENGINEERING

### Report

The 4<sup>th</sup> year B Tech Civil Engineering students of Lakireddy Balireddy College of Engineering, Mylavaram have underwent an industrial visit to the Hospital waste management facility near NRI Hospitals, Guntur District on 16.10.2024.

The Hospital waste management facility is unique of its kind and is the first facility in Krishna and Guntur districts to be operated. The facility collects 1500 kg/day of hospital waste from the hospitals in Vijayawada and Guntur. Around 95% of the hospitals in both the cities are registered with this facility for safe disposal of their hospital waste. The waste is categorized and sent to the facility in different color bags by the hospitals as per the MoEF norms of Bio medical Waste Management and Handling Rules. An incinerator heats the waste to 1100C and the 80 kg/day of ash produced is disposed off in concrete pits lined with polythene sheets. The plastic wastes such as syringes are crushed and sterilized in an autoclave and sent for recycling after sterilisation. The sharp objects such as blades, knives, needles etc are disinfected using hypochlorite solution and disposed off in concrete pits. The wastewater produced from the plant is recycled after initial treatment and is used in the premises for washing and gardening. Usage of personal protective equipment such as goggles, gloves and long boots are mandatory in the facility for ensuring safety of the personnel.

The industrial visit has given a very good exposure to all the students with regard to the guidelines prescribed by the MoEF in India for Bio Medical waste Management and handling and the safety precautions that are to be taken in the operation of such facility.