



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(An Autonomous Institution since 2010)

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

L.B. Reddy Nagar, Mylavaram, NTR District, Andhra Pradesh - 521230



DEPARTMENT OF MECHANICAL ENGINEERING

A.Y: 2025-26

Report on

INDUSTRIAL VISIT TO “KUMAR PUMPS, TENALI”

Event Type	:	Industrial Visit of B.Tech-VI Semester A Section Students
Date / Duration	:	27.02.2026 for one day
Name of Industry	:	Kumar Pumps, Tenali
Faculty Accompanied:		Dr.B.Sudheer Kumar, Sr. Asst. Professor Mr.V.Sankararao, Sr. Asst. Professor NT staff – Mr.G.Ravindra Reddy and Mr.S.Ajay
Total no of students:		56
Objective of the event:		To get exposure to the production practices in industries.
Outcome of event	:	Students acquired knowledge of fundamental manufacturing processes like furnaces, casting process and use of different machines and tools for further finishing.

Description / Report on Event:

The III B.Tech-VI Semester Students of Mechanical Engineering accompanied with four staff members (including 2 teaching & 2 non teaching) visited Kumar Pumps, Tenali on 27-02-2026. The main objective of the visit is to bridge the gap between industry and academia. These industries mainly focus on manufacturing of various material castings as per customer requirements.

After arriving the industry, the students was sent to Kumar Pumps, Tenali and the Mr.Rajendra Prasad, Production Manager address the students and introduced about the industry. Later they alloted supervisors and sent them to visit the industry. The supervisors explained the steps involved in casting process & safety precautions.

The industry consists of two units, namely casting unit & machine shop. The casting unit consists of various processes includes pattern making, mould preparation, melting of metals, pouring of metals in to the mould cavity, solidification process, and fettling. The companies using sand with silica as additive for mould preparation. Using silica the sand stables for high temperatures.

Photographs: The following are the photographs of Industry Visit of B.Tech-VI Semester A-Section Students to Kumar Pumps, Tenali.



6JQJ+47Q, 9, APIE, Sulthanabad, Tenali, Andhra Pradesh 522202, India 🇮🇳

Latitude
16.23783833333332°

Longitude
80.63060166666668°

Local 11:51:29 AM
GMT 06:21:29 AM

Altitude 12 meters
Friday, 27.02.2026

