



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

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

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

A.Y	Year /Semester	Name of the Industry Visited	Dates	No.of Students visited
2025-26	B.Tech V Sem-B-Sec	NUZVID 220 kV Substation	15-10-2025	29
2025-26	B.Tech V Sem-A-Sec	NUZVID 220 kV Substation	15-10-2025	27

Industrial Visit Coordinator

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on

“INDUSTRIAL VISIT 220 kV Nuzvid Substation, NUZVID, Andhra Pradesh”

Event Type	:	Industrial Visit
Date / Duration	:	15-10-2025
Name of Industry	:	220 kV Nuzvid Substation, NUZVID, Andhra Pradesh
Faculty Accompanied	:	Mr.P.Deepak Reddy and Mrs.K.S.L.Lavanya
Total no of students	:	B. Tech-III Year, I Semester A & B Section Students
Objective of the event	:	To get practical exposure of Substation equipments, Switchgear and Protection.
Outcome of event	:	Students acquired practical knowledge on various power equipments and protective devices involved in 220 kV Substation.

Description / Report on Event:

The B.Tech V Semester Section-A & B Students of Electrical Engineering visited 220 kV Nuzvid Substation, NUZVID, Andhra Pradesh on 15-10-2025 accompanied by 3 staff members (including 2 teaching & 1 non teaching).

Students Studied and Observed the following points during their 220 KV Substation Visit

- Single line diagram of Substation, Automatic monitoring of Faults in computer, Voltages, currents and power flow readings monitoring, Battery Bank for Relay and Accessory equipments and maintenance of Batteries, Operation of Over load Relay.
- Switch Yard – Current Transformers, Potential Transformers, Power Transformer its Protective system, Bus-Bars, Lightning Arresters, Maintenance of transformer.

Feed back/ Suggestions : Overall students are satisfied with this Industrial visit.





Nuzvidu, Andhra Pradesh, India 
25-50, Revenue Ward 25, Nsp Colony, Nuzvidu, Andhra
Pradesh 521201, India
Lat 16.786506° Long 80.860047°
Wednesday, 15/10/2025 12:20 PM GMT +05:30