



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada
Accredited by NAAC with "A" Grade and NBA (ECE, EEE, CSE, IT & MECH) Under Tier-I
L B Reddy Nagar, Mylavaram-521 230, NTR District, Andhra Pradesh.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT OF ECE

REPORT ON INDUSTRIAL VISIT

Event Type : Industrial visit
Date/Duration : 15-10-2023
Place of visit : CYCLONE DETECTION RADAR STATION, Machilipatnam.

Name of Coordinator: K.RANIRUDRAMA, Assoc. Professor

Target Audience : V-SEM, ECE STUDENTS

Objective of the event: Radar communication in Weather forecast

Outcome of event : Exposure to Communication Engineering

Description/Report on Event:

1. Received a request letter from the students for arranging industrial visit.
2. Applied to the industry for getting permission.
3. Permission Granted from the industry to visit.
4. Submitted the details to the principal for sanctioning permission.
5. Arranged two buses separately for both boys and girls along with two faculty in charges per bus
6. Visited the Centre on 15-10-2023 reporting time: 10:30 Hrs All the visitors permitted by showing their Identity Proof.
7. Visited Trans Receiver section :
 - i. Transmitter Control unit
 - ii. Transmitter section with KLYSTRON tube with KPS, cooling system.
 - iii. Receiver section with controls
8. Display hall :
 - i. Monitoring antenna system
 - ii. Analyzing received signals using PPI.
 - iii. Detecting the range using RAINBOW software.
9. Feedback/Suggestions : Two hours visiting from 10.30 to 12.30 is not sufficient.

Photographs :

