



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 INFORMATION TECHNOLOGY

Report on Efftronics industrial visit

A.Y	Year /Semester	Name of the Industry Visited	Date	No.of Students visited
2021-22	B.Tech IV Sem	Efftronics Systems pvt ltd	18-06-2022	43

Event Type : Industrial Visit

Date/Duration : 18-06-2022

Name of the Industry : Efftronics Systems pvt ltd, Mangalagiri, Vijayawada.

Faculty Accompanied : 1. Sk.Saida
Assistant.Professor, IT.
2. M. Hemalatha
Sr. Assistant.Professor, IT.

Total number of students : II- B.Tech IV Semester A & B Students

Objective of the event : To get practical exposure of software industry.

Outcome of event : Students acquired the practical knowledge in the aspect of software industry.

Process Description/ Report on Event:

The B.Tech IV Semester II year Section A&B Students of Information Technology visited Efftronics System pvt ltd, Mangalagiri, Amaravathi, Vijayawada, A.P on 18-06-2022 accompanied by the staff member Sk.Saida, Students Visited the following sections in Industry

Data Logger

- Front end application software at central control place
- status of all the data loggers in the network
- Online status of digital/analog inputs
- Data selective viewing

Digital Block

Digital Block is used for exchanging permissions in fail safe way for sending / receiving trains between two stations

Adaptive Traffic Control System

Adaptive Traffic Control System adapts to real time traffic patterns to optimize the traffic flow by dynamically changing the green split timings. ATCS algorithm adjusts traffic signal timings continuously based on the traffic demand at the intersections and anticipated arrivals from adjacent intersections.

Battery health monitoring system

A Battery Health Monitoring System (BHMS) a highly advanced and intelligent system which is used to monitor battery health and its efficiency remotely.

Finally Students observed the following

Data Logger

Digital Block

Adaptive Traffic Control System

Battery health monitoring system

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



