Student Activities

Academic Year	Main Projects	Paper Publications	Mini projects	Details
2022-23	01	02	12	Click Here

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

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

Accredited by **NAAC**, NBA Tier-1 for CSE, IT, ECE, EEE & ME and **"CPE"** status by UGC.

Department of Electronics and Communication Engineering

LabVIEW CENTER OF EXCELLENCE (NICOE)

Details of Student Activities during the A.Y.: 2022-23

i.	No. of Main Projects	01
ii.	No. of Paper publication / conference	02
iii.	No. of Mini Projects	12

Main Project

S. No	Title of the Project	Regd. No	Guide Name
1.	Automatic Hoovering and Mopping Robot	19761A0430 19761A0454 19761A0410	Mr.B.V.N.R Siva Kumar

Paper Publication/Papers presented in conference

S.No	Title of the Paper	Journal, Vol., Year, Page No.	Regd.No
1.	Developments in Automatic MoppingRobot Technologies	IEEE International conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanoscience & Nanotechnology (5nano 2023) Organized byVISAT Engineering Collegge, Ernakulam, Kerala On 27th AND 28th April 2023.	**Mr.B.V.N.R Siva Kumar (Guide)** 19761A0430 19761A0454 19761A0410
2.	Design and Implementation of Efficient Digital Filters using LabVIEW	Telecommunications and Radio Engineering, volume 82, issue-3, pp.17-29, march 2023. **DOI:10.1615/TelecomRadEng.2022046145**	D.Naresh

Mini Projects

S. No	Title of the Project	Regd. No
1.	Fire Alarm System using LabVIEW And Arduino	21761A0440
2.	Monitoring of Soil Moisture using MyDAQ	21761A0441
3.	DC Motor Speed Control using NI MyRIO	21761A0455
4.	TCP\IP Protocol Communication With LabVIEW	22765A0402
5.	Measuring of Temperature with Thermistor Sensor usingMyDAQ	21761A0465
6.	How to Control Motor Using Relay With LabVIEW	21761A0469
7.	Measuring of Rotary Encoder using MyRIO	21761A0472
8.	The smart car parking system using GSM And LabVIEW	21761A04E2
9.	Hotel Food Ordering System using LabVIEW	21761A04G0
10.	Detection of object using IR sensor using MyDAQ	21761A04H7
11.	Distance Measurement Using Ultrasonic Sensor Arduinowith LabVIEW	21761A04H9
12.	Design of 3 Floor Elevator using LabVIEW	21761A04I2