



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram -521 230, Krishna Dist., A.P.

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

LABVIEW CENTRE OF EXCELLENCE

Details of Student Activities during the A.Y.: 2020-21

i) No. of Main Projects : 02

ii) No. of Problem Based Learning : 11

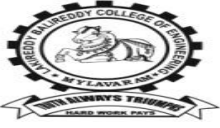
iii) No. of Mini Projects : 27

Main Projects

S. No	Title of the Project	Regd. No	Name of the Guide
A.Y 2020-21			
1.	Development of wearable vest for measuring body health parameters	18765A0425 17761A04C2 18765A0429 18765A0430	Mr.B.V.N.R Siva Kumar
2.	Smart sensor network based ATM management system using LabVIEW	17761A04G0 17761A04D7 17761A04D3 17761A04E4	Mr.V.V.Ramakrishna

Problem Based Learning

S. No	Title of the Project	Regd. No
A.Y 2020-21		
1.	Frequency Division Multiplexing using labVIEW	19761A04D1
2.	Smart Irrigation System using LabVIEW	19761A04D2
3.	Encryption & Decryption of Test File using LabVIEW	19761A04D9
4.	Temperature Sensing using LabVIEW	19761A04E3
5.	Water Level Indicator using LabVIEW	19761A04E5
6.	Implementation of Home Automation System using LabVIEW	19761A04E6
7.	Monitoring and Controlling of Soil Relative Humidity using LabVIEW	19761A04F5
8.	Closed Loop Control System using LabVIEW	19761A04H7
9.	Simulation of 7-Segment Display using LabVIEW	19761A04I8
10.	Encryption & Decryption of Test File using LabVIEW	19761A04J2
11.	Temperature Controllers Design using LabVIEW	20765A0418



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Mini Projects

S.No	Title of the Project	Regd. No
A.Y 2020-21		
1.	Measurement Of Temperature Using MyDAQ	18761A0421
2.	Colour Coding Technology By using LabVIEW	18761A0473
3.	Traffic Light Control By using LabVIEW	18761A0483
4.	Object Counter Using MyDAQ	18761A0485
5.	Simple ATM Machine Develop Using LabVIEW Software	18761A0486
6.	Design Of FFT & IFFT Using LabVIEW	18761A0489
7.	Designing Of Temperature Monitoring Using LabVIEW	18761A0493
8.	ECG Simulation Using LabVIEW	18761A04B6
9.	Measurement Of Displacement Using MyDAQ	18761A04E3
10.	Measurement Temperature Using LabVIEW	18761A04E4
11.	Design And Development Of Simple ATM Machine in LabVIEW	18761A04E5
12.	Object Counter Measuring Using Ni And MyDAQ	18761A04E7
13.	Measurement Of Air Humidity By Using MyDAQ	18761A04E8
14.	DESINING OF FFT & IFFT Using LabVIEW	18761A1016
15.	Frequency division multiplexing using LabVIEW	18761A1013
16.	Design Of Closed Loop DC Motor Control System in LabVIEW	19765A1003
17.	Human Health Monitoring System in LabVIEW	19765A1006
18.	Bottle Shifting Using Labview	19765A1011
19.	Development Of Pressure Control System in LabVIEW	19765A1012
20.	Temperature Sensing In Labview Software	19765A1017
21.	Traffic Light Control System in LabVIEW	19765A1018
22.	Design And Development Of Water Level Indicator in LabVIEW	19765A1020
23.	Temperature Measurement Using LM35 Sensor	19765A1036
24.	Frequency Modulation Techniques In LabVIEW	19761A0425
25.	Solving Super Position Theorem In LabVIEW	19761A0458
26.	Designing Of Time Measurement In LabVIEW	19761A0460
27.	Design of 7 Segment LED in LabVIEW	19761A0463