



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.: 2016-17

i) No. of Main Projects : 04

ii) Miniprojects : 18

**MAIN PROJECTS**

S. No	Title of the Project	Regd. No	Name of the Guide
<b>A.Y 2016-17</b>			
1.	LabVIEW Controlled Score Board	13761A0429 13761A0428 14765A0402 13761A0410	Mr. B.V.N.R.Siva Kumar
2.	Bar Code Based Student Activity Log Using LabVIEW	13761A0466 13761A0461 14761A0418 14765A0465	Mr. V.V.Ramakrishna
3.	MIMO System For Temperature Flow Control	14765A1001 14765A1006 14765A1014	Mr.Bikas Swain
4.	Design And Vibration Analysis of Bike Rear Wheel Passive Suspension	13761A0304 13761A0301 14765A0304 14765A0309	Mr.K.V.Viswanadh

**MiniProjects**

S. No	Title of the Project	Regd. No
<b>A.Y 2016-17</b>		
1.	Smoke Detector	14761A0405
2.	Seven Segment Counter Using IC 555	14761A0457
3.	Data Acquisition Based On Lab View Using IC-51 Sensor	14761A0486
4.	Home Alarm Based on Lab View	14761A0488
5.	Barcode Based Student Identification Using LabVIEW	14761A0489
6.	Vending Machine Using Labview	14761A0492
7.	Traffic Control System Using Labview	14761A04A0
8.	Jammer Using Lab View General Configuration	14761A04C1
9.	LPG Gas Detection Using Labview	14761A04C9
10.	Billing Mechanism Using LabVIEW Software	14761A04D0
11.	Dorm Room Alarm Using LabVIEW	14761A04D1
12.	Heart Beat Monitor Using LabVIEW	14761A04D6
13.	Scrolling Message Display Using LabVIEW	14761A04E6
14.	Tachometer Using Hall Effect Sensor, My DAQ and LabVIEW	14761A04E8



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**LABVIEW CENTRE OF EXCELLENCE**

15.	Optical Character Recognition Using LabVIEW	14761A04F0
16.	Simulation of Temperature Using LabVIEW	14761A04F2
17.	Lane and Obstacle Detection Using LabVIEW	14761A04F9
18.	Digital Image Comparison Using LabVIEW	14761A04G2