

Student Activities

Academic Year	Main Projects	Paper Publication/Papers presented in conference	Mini projects	Details
2021-22	04	02	08	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 Contribution during the A.Y.:2021-22

- i) Main Projects : 04
- ii) Paper Publication & Conference : 02
- iii) Mini Projects : 08

Main Projects

S. No	Title of the Project	Regd. No	Name of the Guide
1.	EEG based smart wheelchair for disabled person using non- invasive Brain Computer Interfacing (BCI)	18761A0464 18761A0494 18761A04B7	Dr.E.V. Krishna Rao
2.	Biped Robot using Arduino /NI MyDAQ	18761A0472 18761A0468 19765A0410 18761A0471	Mr.B.V.N.R Siva Kumar
3.	EEG signal analysis for stress monitoring by using LabVIEW	18761A0442 18761A0422 19765A0405 18761A0406	Mr.V.V.Rama krishna
4.	Railway gate controlling system based on LabVIEW	18761A0473 18761A0476 19765A0489 18761A0490	Mrs. M Ramya Harika

Paper Publication & conference -02

Roll No	Details of Authors	Title of the Paper	Name of the Conference/ Journal	Status	Month & Year	Journal Type
17761A0458 17761A0423 18765A0407 17761A0460	B.V.N.R. Siva Kumar(Guide) B. Vasanthi K. Pravallika A.V. Amar Sai Kumar, K. Kiran	Development of Wearable Vest for Monitoring Body Health Parameters	Turkish Journal of Physiotherapy and Rehabilitation, 32(3), pp:11501-11506, ISSN: 2651-4451	Published	August 2021	ESCI
18761A0464 18761A0494 18761A04B7	Dr.E.V. Krishna Rao(Guide) B.V.S.S.Greeshma N.Yaswanthkumar Reddy Y.S.S.Vardhan Reddy	EEG based smart wheelchair for disabled person using non- invasive Brain Computer Interfacing (BCI)	IEEE Xplore	Published	11 th Aug. & 2022	Scopus
DOI: 10.1109/CISES54857.2022.9844334						
Presented in 2022 International Conference on Computational Intelligence and Sustainable Engineering Solutions (CISES) held during 20-21 May 2022 at Greater Noida, India.						

Mini Projects

S. No	Title of the Project	Regd. No
1.	Speed Control of DC Motor using Pulse Width Modulation	19761A0407
2.	LCD Character Display-UART Interface	19761A0421
3.	LM35 Temperature Sensor using LabVIEW and NI MyDAQ	19761A0423
4.	Weather Station using LabVIEW and Arduino	19761A0432
5.	Monitoring and Controlling of Soil Relative Humidity using LabVIEW	19761A0435
6.	Detection of Heartbeat using LabVIEW	19761A0437
7.	Modelling of Traffic Light Controller using LabVIEW	19761A0446
8.	Colour Encoding Technology Based on LabVIEW	19761A04C1