



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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

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

Accredited by NAAC with “A” Grade & NBA Tier-1 for ME, CSE, IT, ECE, EEE, ASE & CE

Research & Development Cell

Details of Sponsored Research during the A.Y.: 2023-24

- No. of **Sanctioned & Ongoing** Research Projects during this A.Y. : 3 & 3
- No. of Research Projects **Completed** : 1
- No. of Grants **other than Research Projects** : 3
- Total **Funds mobilized** from Funding Agencies during **this A.Y.** : Rs. 18,99,000/-

Research Projects

S.No.	Faculty with Designation	Title of the Project	Funding Agency-Scheme	Amount Sanctioned & Date	Amount Received in Rs.& Date	Duration & Status
1.	K. Akhila (22765A0209) Dr. G. Nageswara Rao (Mentor-EEE)	PV Powered Smart Handcart for Street Food Vendors Cooking Food and Selling on Site	MSME-Idea Hackathon 3.0 (Woman Champions)	15,00,000/- & 14-03-2024	Waiting for fund release	1 Year & Sanctioned
2.	Tupakula Sruthi Kumari (22761A02A4) Dr. G. Nageswara Rao (Mentor-EEE)	Detection And Analysis of Mental Stress in Online Learning Using IoT Devices	MSME-Idea Hackathon 3.0 (Woman Champions)	15,00,000/- & 14-03-2024	Waiting for fund release	1 Year & Sanctioned
3.	Kotapati Sravanthi (21761A4233) Dr. M. Sitha Ram (Mentor_CSE)	Wearable Smart System for Visually Impaired People	MSME-Idea Hackathon 3.0 (Woman Champions)	15,00,000/- & 14-03-2024	Waiting for fund release	1 Year & Sanctioned
4.	Oleti Prathyusha (20761A12A1) Dr. K. Venu Gopal, (Mentor_IT)	Oxygen Management Alarm	MSME-Idea Hackathon 2.0	15,00,000/- & 13-07-2023	10,50,000/- & 18-12-2023	1 Year & Ongoing
5.	Dr.B.Poornaiah Professor Dept. of ECE	Design and Characterization of a Carbon Nanotube (CNT) Strain Sensor for Prosthetic Implants	SERB	16,71,780/- & 01-12-2023	5,97,000/- & 05-01-2024	3 Years & Ongoing
6.	Dr. B. Rambabu Professor Dept. of ECE	Development and Characterization of Miniaturized Piezoresistive	SERB-EEQ	27,96,332 & 17-12-2022	14,71,000 & 02-03-2023	3 Years & Ongoing

		Cantilever for Biosensors				
7.	Dr. S. Niloufer, Dr. L. Bhagya Lakshmi FED	Prakruthi - The Environmental Club of LBRCE- Scheme for Promoting Interest, Creativity and Ethics among Students (SPICES)	AICTE-SPICES	1,00,000/- & 25-05-2022	1,00,000/- & 02-02-2024	1 Year & Completed
8.	The Principal & Dr. T. Satyanarayana Professor, ECE Nodal Officer, KAPILA	Patent Filing Financial Assistance	AICTE-KAPILA	--	28-08-2023 & 22,400/-	Patents Approved & Funds Released
				--	11-06-2024 & 5,600/-	Patents Approved & Funds Released
9.	Dr. J. Siva Vara Prasad Dr.K.R.L. Prasad Dept. of EEE	Internet of Things Based Green Energy Technologies (17/10/2022 to 29/10/2022)	AICTE – ATAL FDP	Rs. 3,00,000 & 07-09-2022 Rs. 2,38,000 & 14/10/2022	Rs. 62,000 & 18-01-2024 (Final Installment)	Completed
10.	Dr. D. Veeraiah Dr. P. Bhagath Dept. of CSE	Data Analysis Tools & Techniques for Text and Speech Analytics (14/11/2022 to 25/11/2022)	AICTE – ATAL FDP	Rs. 3,00,000 & 07-09-2022 Rs. 2,38,000 & 14/10/2022	Rs. 62,000 & 28-08-2023 (Final Installment)	Completed
11.	Dr. V. Rama Krishna Professor & HoD Dept. of Civil Engg.	Geospatial Analysis and Development of Knowledge Dissemination of Resources to Combat COVID-19 and Similar Pandemics in the Villages of Mylavaram and G. Konduru Mandals of Krishna district, Andhra Pradesh	DST-NGP	17,67,084 & 24/11/2021	17,30,000 & 18/12/2021 22/12/2021	9 Months & Completed

Dr. S. Pichi Reddy
Dean R&D