



# TAURUS



*Newsletter*

*Volume XII, Issue-4  
(Oct-Dec 2023)*

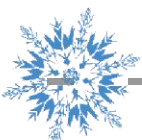


# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

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M5: To establish partnership between Institution & Industry

## ABOUT LBRCE

- ❖ Lakireddy Bali Reddy College of Engineering (LBRCE) was founded through Lakireddy Bali Reddy Charitable Trust in 1998 by eminent Philanthropist, NRI and Entrepreneur, “Late Sri Lakireddy Bali Reddy”, a Chemical Engineer by qualification.
- ❖ Since the inception, LBRCE aims at co-creating value-based technical excellence, which ultimately leads to the development of the rural area where the college is situated.
- ❖ Lakireddy Bali Reddy College of Engineering (LBRCE), approved by AICTE and affiliated to JNTUK, Kakinada is an Autonomous Institution since 2010 and has been accredited by NAAC with 'A' Grade (3.20 / 4 in Cycle-2), NBA (ASE, CE, CSE, IT, ECE, EEE, & ME) under Tier-I and ISO 21001:2018, 14001:2015, 50001:2018 Certified. It has also been awarded 2(f) and 12(B) status and Recognized as a 'Colleges with Potential for Excellence' (CPE) by UGC.
- ❖ It ranks in 101-150 Rank Band in NIRF India Innovation Rankings - 2023 and ranked 251-300 band (Under Engineering) in NIRF India Rankings - 2022, 201-250 band (Under Engineering) in NIRF India Rankings - 2020.
- ❖ At present, we offer 9 B.Tech programs in CSE, CSE (AI&ML), AI & DS, IT, ECE, EEE, CE, ASE, ME and 4 M.Tech programs in Data Science, Thermal Power Engg., Power Electronics & Electrical Drives, VLSI and Embedded Systems Design, apart from M.B.A.

- ❖ Operating from a 65-acre green landscaped campus in Mylavaram, major facilities include 7 advanced labs, Internet with 1820 Mbps bandwidth, Digital library, 500KWp solar PV system, Indoor and Outdoor stadium, Gym, Yoga centre, NSS unit, NCC Girls wing, Girls and Boys hostels.
- ❖ The teaching-learning process is handled by highly-qualified and experienced faculty. In R&D, we currently handle 12 projects sanctioned by DST, Govt. of India, UGC, and AICTE amounting to Rs 7 Crores, besides 29 patents and 1150+ research publications. Also 5 depts. function as research centers of JNTUK, Kakinada.

## PRINCIPAL MESSAGE



**Dr. K. Appa Rao**, B.Tech, M.Tech, Ph.D, FIE,

**Principal,**


**Professor of Mechanical Engineering,**

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**Contact: +91 83339 05791**



Dear Students and Faculty Members, Last three months have been phenomenal for us.

- 
- ✓ We have been successful in organising the IEEE International Conference ICCINS-2023 with the support of IEEE Guntur Sub Section and Hyderabad Section during 22-23 December 2023. We have received more than 500 papers and are people participated all around the world and presented their papers with enthusiasm. This conference was successful by the intensive involvement and involvement by Dr.D.Veeraiah, Professor & HoD of CSE, Dr.B.Srinivasa Rao, Professor & HoD of IT and Dr.O.Rama Devi, Professor & HoD of AI&DS.
  - ✓ Our faculty were able to accomplish well in publishing their research articles in SCI/ Web of Science and Scoups Journals across the globe. More than 85 articles have been published and few more are in pipeline for publication.
  - ✓ Quite a remarkable research and development in gaining the projects from various funding agencies this quarter of the year is approximately 2.5 Cr in rupees. Which is one of the best quarters of the year for funding projects including some of them are in pipeline.
  - ✓ Many of the students are in competition for achieving the GATE 2024, I wish them all the very best for all the students at our college.
  - ✓ I congratulate the faculty for successfully completing the PhD works and achieving the Doctorate in your respective fields.



## DEPARTMENT WISE EVENTS STATS





- ✓ Events Include FDPs, Seminars, Guest Lectures, Workshops, Conferences, Webinars

# EVENTS



NOTABLE EVENTS



IEEE Conference ICCINS-2023



10 Day STTP on “Data Structures & Algorithms”

From 27.11.2023 to 02-12-2023

by The Department of CSE

APSSDC for IV.B.Tech

“A conference of its kind in Computational Intelligence, Networks and Security” held during 22-23 Dec 2023.

More than 500 Papers received from more than 25 countries across the globe. The articles have been successfully published in IEEE at

<https://ieeexplore.ieee.org/xpl/conhome/10449967/proceeding>

Organized by Dr.D.Veeraiah(CSE), Dr.B.Srinivasa Rao(IT) and Dr.O.Rama Devi (AI&DS)



The department of MBA has organized an “Expert Talk on Smart Business Standard app (BSMART)”



on 23-11-2023, in Association with CII Local Chapter



“A 5 Day workshop on Internet of Things and Machine Learning” during 4-8 Dec 2023 by the Department of IT. Resource Person: , SH&IS, Founder Mr.S.Pradeep Kumar PSCAD/ETAP (22-08-2023 to 27-10-2023) on “PSCAD/ETAP software” for simulating and analyzing power systems.



One Week Workshop organized by the department of EEE on Value Added Course-

Department of Mechanical Engineering has Organized a One Week Workshop on “Modeling & Simulation Using Unigraphics NX” from 04.12.2023 to 09.12.2023.



The department of ECE has organized an Online FDP for a week on “Quantum Signal Processing ” using Microsoft Teams from 14th - 20thDecember, 2023.



One week Workshop on Data Science Using Python by the Department of CSE, AI&DS during 30.10.2023 to 04.11.2023



One week Workshop on Data Science Using Python by the Department of CSE, AI&DS during 30.10.2023 to 04.11.2023

# Faculty Achievements

## FACULTY ACHIEVEMENTS

- ✓ Dr.D.Veeraiah has organized an IEEE Conference as General Chair for ICCINS 2023 IEEE Conference held at LBRCE(A), Mylavaram during 22-23 December 2023.



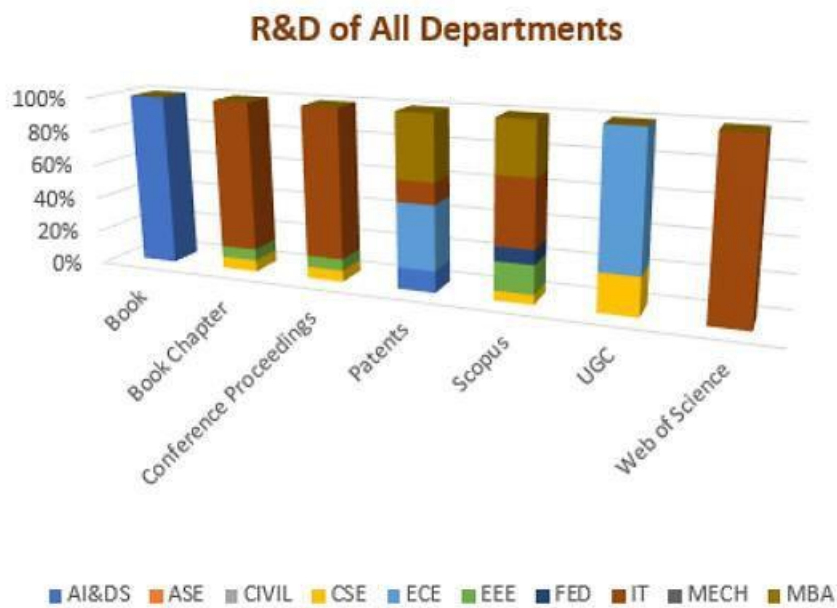
- ✓ Dr.B.Srinivasa Rao has organized an IEEE Conference as a General–Co-Chari for ICCINS 2023 IEEE Conference held at LBRCE(A), Mylavaram during 22-23 December 2023.
- ✓ Dr.O.Rama Devi has organized an IEEE Conference as a General–Co-Chari for ICCINS 2023 IEEE Conference held at LBRCE(A), Mylavaram during 22-23 December 2023.
- ✓ Dr.P.Ravindra Kumar has been a resource person for the topic entitled “Computational comparison and experimental performance analysis of heat pipes using concentrating solar parabolic trough collector” at Swarnandhra College of Engineering and Technology, Narsapur 30.10.2023 to 04.11.2023.
- ✓ Dr.P.Ravindra Kumar from the Department of EEE has been a phenomenal in building the NPTEL learning environment on campus for students and faculty, in view of his dedication and follow up the NPTEL as honoured him with “NPTEL Domain Scholars and NPTEL Believers” at IIT, Madras.
- ✓ Mrs.V.Sowjanya has received Best Women Researcher Award from ConnectAIRE-2023, Academia, Industry and Research networking Conclave Vijayawada Chapter on 1.10.2023 in association with SOLETE.

- ✓ Ms.G.Divya has participated in one week FDP on Machine Learning and Predictive Analysis using Python Conducted by the Computer Science and Engineering Department from 20/11/2023 to 4/11/2023 (One Week) at NITTTR, Chandigarh.

# Research & Development

## RESEARCH & DEVELOPMENT

- ✓ Phenomenal growth every quarter in Research and Publications from the faculty member of the respective departments.



Department wise Publications statistics

### FUNDING PROJECTS: -

#### Seed Money Sanctioned: -

- ✓ The Project entitled “Design and Development of Robots for Consumer and Clinical Support”, by Dr.BVNR Siva Kumar (PI), Dr.BYVNR Swamy (CO-PI), Mr.M.SivasankarRao (CO-PI) Mr.S.Srinivas Reddy (CO-PI) LBRCE- The Seed Money which is Non-Government has been sanctioned for ECE&ME jointly for 2023

Government sanctioned project for the department of ECE 2023 for 3 years. (Yet to be released)

is Rs.1,77,000 /- for1 year.

Projects Sanctioned: -

- ✓ The project entitled “Design and Characterization of a Carbon Nano tube (CNT) Strain Sensor for Prosthetic Implants” by Dr.B.Poornaiah from SERB-EMEQ, a

R&D Projects Applied: -

- ✓ Dr.G.L.N.Murthy has applied for the project entitled “User Generated Video Content Monitoring for Online Platforms” for APSCHE funding worth Rs. 8,20,00/- in the year 2023-24.
- ✓ Dr.K.Ravi Kumar has applied the project entitled “Artificial Intelligence based speech enhancement techniques for hearing aids” for APSCHE funding worth Rs.2,40,967/- in the year 2023-24.
- ✓ Dr.V.Dhana Raju has applied for a SERB-SURE Project duration of 3Years and the project worth is Rs.26,00,000/-.

- ✓ Dr.P.Ravindra Kumar from the Department of Mechanical Engineering, applied R&D Project on “IoT based double based integration of leaf cutter and fertilizer spray machine” to MSME with 1 year duration and funding amount 14 lakhs.

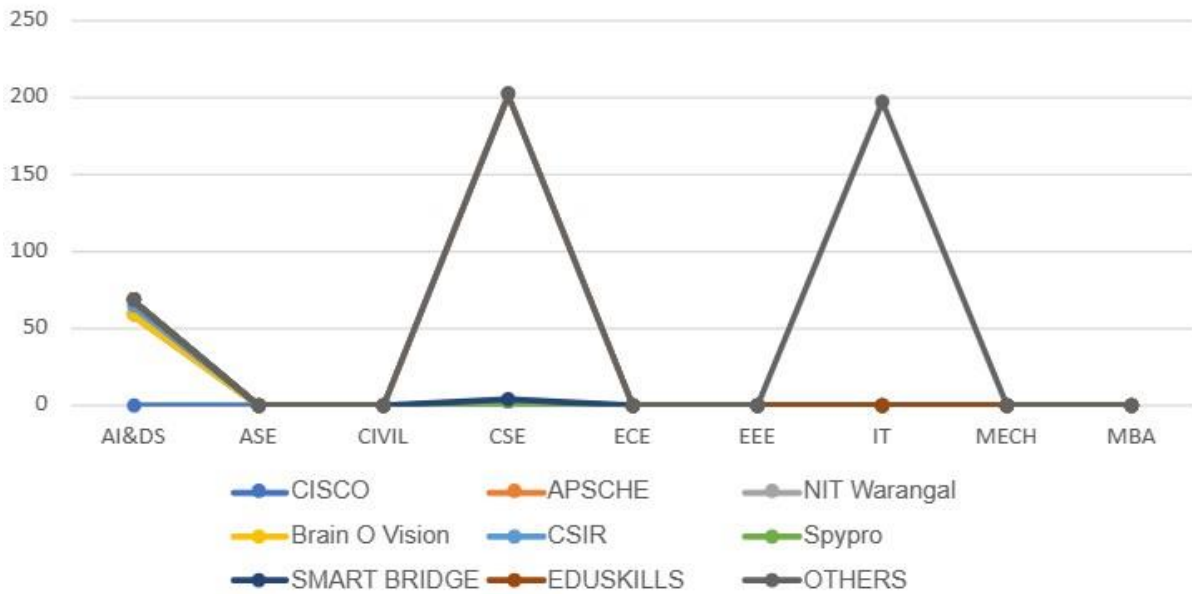
Memorandum of Understanding with reputed organizations: -



# Students Internships

### INTERNSHIPS

Students Completed their internship during this OCT-DEC Period in various companies.














# Students Placements

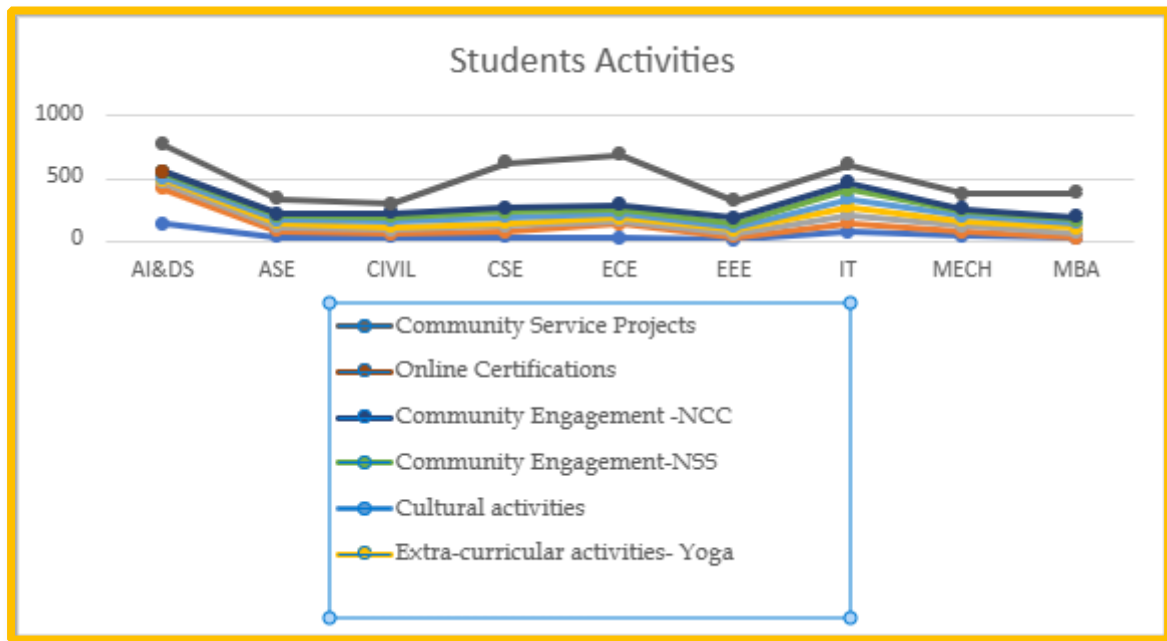
**PLACEMENTS**

Students placed in various companies.

S. No	Name of the company	Dept.	No. of students selected	Date
1		CSE	01	Aug,2023
		IT	01	
2	 	AI & DS	03	AugSep,2023
		CSE	17	
		ECE	04	
		EEE	03	
		IT	07	
3		AI & DS	01	SepOct,2023
		CSE	10	
		ECE	02	
		MECH	01	
		IT	08	
4		ECE	02	Sep,2023
5		CIVIL	10	Oct,2023

6		ECE	01	Oct,2023
7		MBA	10	Dec,2023
8		ECE	20	Dec, 2023
Total no. of students selected till date			101	

# STUDENTS ACTIVITIES



# CLUBS & ACTIVITIES

Title of the Event/ Competitions	No. of Participants	Name of the Expert/ Resource Person & Designation	Date
“Awareness about Internal Complaints Committee (ICC) & Saheli -The Girl’s Club of the Institute”	650	All Executive Members of ICC	11-10-2023
Interactive program & Competitions on “International Girl Child Day”	450	All Executive members of ICC	17-10-2023
Awareness program on “Protecting Tomorrow: Women’s Health	320	Dr.G.Indira Priyadarsini, Gynecologist and Obstetrician, Tejaswi Nursing Home, Mylavaram.	30-11-2023

and Child abuse protection”				
Awareness program cum competitions on “Sexual harassment of women at workplace act 2013”	550	All Executive members of ICC	19-12-2023 to 20-12-2023	



# SAHELI CLUB

## STUDENTS CLUBS & ACTIVITIES

Reach the club at <https://lbrce.ac.in/clubs/saheli.php>

# PRAKRUTHI CLUB



Title of the Event/ Competitions	No. of Participants	Name of Organization/ Institute
<b>Meri Mitti Mera Desh</b>	<b>1</b>	<b>31-10-2023</b>
<b>Plantation program on World Soil Day 2023</b>	<b>65</b>	<b>20-12-2023</b>



Reach Us at: <https://lbrce.ac.in/clubs/prakruthi.php>

# GALLERY

**GALLERY**

## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

Placements for the A.Y. 2023-24

### Congratulations

	<b>34</b>		<b>10</b>		<b>19</b>		<b>03</b>		<b>07</b>	<b>530</b>
	<b>22</b>		<b>10</b>		<b>01</b>		<b>05</b>		<b>22</b>	
	<b>01</b>		<b>60</b>		<b>03</b>		<b>08</b>		<b>93</b>	
	<b>02</b>		<b>60</b>		<b>07</b>		<b>115</b>			
	<b>02</b>		<b>01</b>		<b>05</b>		<b>40</b>			

SCORE 3.20/4

ESTD. 1998

12<sup>TH</sup> BHARATIYA CHHATRA SANSAD - DAY 2

Felicitation to Sivaraj Uha Janhnavi, ECE Student on 12<sup>th</sup> Bharatiya Chhtra Sansad, Indian Student Parliament, MIT WPU, PUNE for her speech on Democracy and Corporatoracy by Suresh Kumar Khanna Cabinet Minister for Finance, Parliamentary affairs and Medical Education Departments in Yogi Adityanath ministry

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
 Accredited by NAAC & NBA under Tier - I (CSE, IT, ECE, EEE, ME, ASE & CE)  
 Approved by AICTE and Permanently Affiliated to JNTUK, Kakinada.  
 L.I. Reddy Nagar, Mylavaram - 521230, NTR Dist. Andhra Pradesh, India.

APEAPCET Code : **LBRCE**

ACADEMIC EXCELLENCE  
An Autonomous Institution since 2010

## Congratulations

## LBRCE

Approved by AICTE

University Grants Commission

AAA+ Rank

Rank 64 in India


NATIONAL BOARD OF ACCREDITATION

## RECOGNITIONS


## Congratulations !! 2020 B.Tech

<b>Company:</b>  Selected Students: <b>08</b>   <b>4.00</b>	<b>Company:</b>  Selected Students: <b>10</b>   <b>6.54</b>	<b>Company:</b>  Selected Students: <b>11</b>   <b>4.50</b>	<b>Company:</b>  Selected Students: <b>02</b>   <b>4.25</b>	<b>Company:</b>  Selected Students: <b>49</b>   <b>4.0</b>	<b>Company:</b>  Selected Students: <b>01</b>   <b>4.00</b>
<b>Company:</b>  Selected Students: <b>02</b>   <b>4.00</b>	<b>Company:</b>  Selected Students: <b>03</b>   <b>4.00</b>	<b>Company:</b>  Selected Students: <b>02</b>   <b>4.00</b>	<b>Company:</b>  Selected Students: <b>03</b>   <b>3.50</b>	<b>Company:</b>  Selected Students: <b>01</b>   <b>3.50</b>	<b>Company:</b>  Selected Students: <b>04</b>   <b>3.50</b>

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
 L.B Reddy Nagar, Mylavaram-521230, Krishna Dist., A.P. India.  
 Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi. NAAC Accredited with "A" grade. Accredited by NBA New Delhi & Certified by ISO 9001 : 2015. <http://www.lbrce.ac.in>




**NBA**  
NATIONAL BOARD OF ACCREDITATION  
All the programmes are ACCREDITED




ACCREDITED WITH GRADE  
**A**  
**NAAC**  
SCORE 3.20/4

APEAPCET Code :  
**LBCE**



LBRCE  
1998 2023  
25 YEARS OF  
ACADEMIC EXCELLENCE  
An Autonomous Institution since 2000



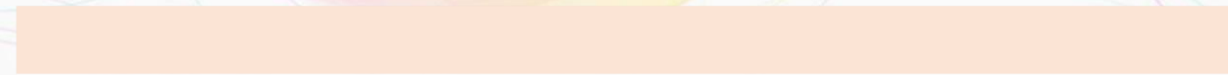
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### PROGRAMMES OFFERED BY LBRCE(A)

Under Graduate Programs:

1	Aerospace Engineering (ASE)	60	Minors in ASE	---
			(Applicable for CE, CSE, IT, ECE, EEE, ME, AI&DS)	



2	Artificial Intelligence and	120	Minors in AI&DS	-- Data Science



	(AI&DS) (Applicable for ASE, CE, ECE, EEE, & ME)			
3	Civil Engineering (CE)	60	Minors in CE -- (Applicable for ASE, CSE, IT, ECE, EEE, ME, AI&DS)	
4	Computer Science and Engineering (CSE)	240	Minors in CSE Honors (Applicable for ASE, CE, ECE, EEE, & ME)	in CSE
5	Computer Science and Engineering (CSE (AI&ML)) (Artificial Intelligence & Machine Learning)	120	-- --	
6	Electrical and Electronics Engineering (EEE)	120	Minors in EEE Honors (Applicable for ASE, CE, CSE, IT, ECE, ME, & AI&DS)	in EEE
7	Electronics and Communication Engineering (ECE)	180	Minors in ECE Honors (Applicable for ASE, CE, CSE, IT, EEE, ME, & AI&DS)	in ECE

S. No.	Programme	Total Intake
1	M.Tech - Data Science	06
2	M.Tech - Power Electronics and Electrical Drives (PE & ED)	06
3	M.Tech - VLSI & Embedded Systems Design (VLSI & ES)	06
4	M.Tech - Thermal Power Engineering	06
5	Master of Business Administration	120
<b>Total PG Intake</b>		<b>144</b>

**Total Intake (UG + PG): 1080 + 144 = 1224**

8	Information Technology 120 (IT)	Minors in IT -- (Applicable for ASE, CE, ECE, EEE, & ME)	
9	Mechanical Engineering 60 (ME)	Minors in ME Honors (Applicable for ASE, CE, CSE, IT, EEE, ECE, & AI&DS)	in ME

**1080**

**Total UG Intake**

Post Graduate Programs:

# Contact

CONTACT & SOCIAL MEDIA LINKS



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/school/lbrce/