

# TAURUS

*News letter*

*Volume-XI, Issue-4  
(Oct.2022 - Dec.2022)*



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**

**(Autonomous)**

MYLAVARAM – 521230, N.T.R Dt., A.P, INDIA

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[www.lbrce.ac.in](http://www.lbrce.ac.in)



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# Programs Offered

## UG-B.Tech

- Aerospace Engineering
- Artificial Intelligence and Data Science
- Civil Engineering
- Computer Science and Engineering
- Computer Science and Engineering (AI&ML)
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Information Technology
- Mechanical Engineering

## PG-M.Tech

- Computer Science and Engineering
- Power Electronics and Drives
- Thermal Engineering
- VLSI & Embedded Systems

## PG-Master of Business Administration

Dreams to Destiny

@

**LBRCE**

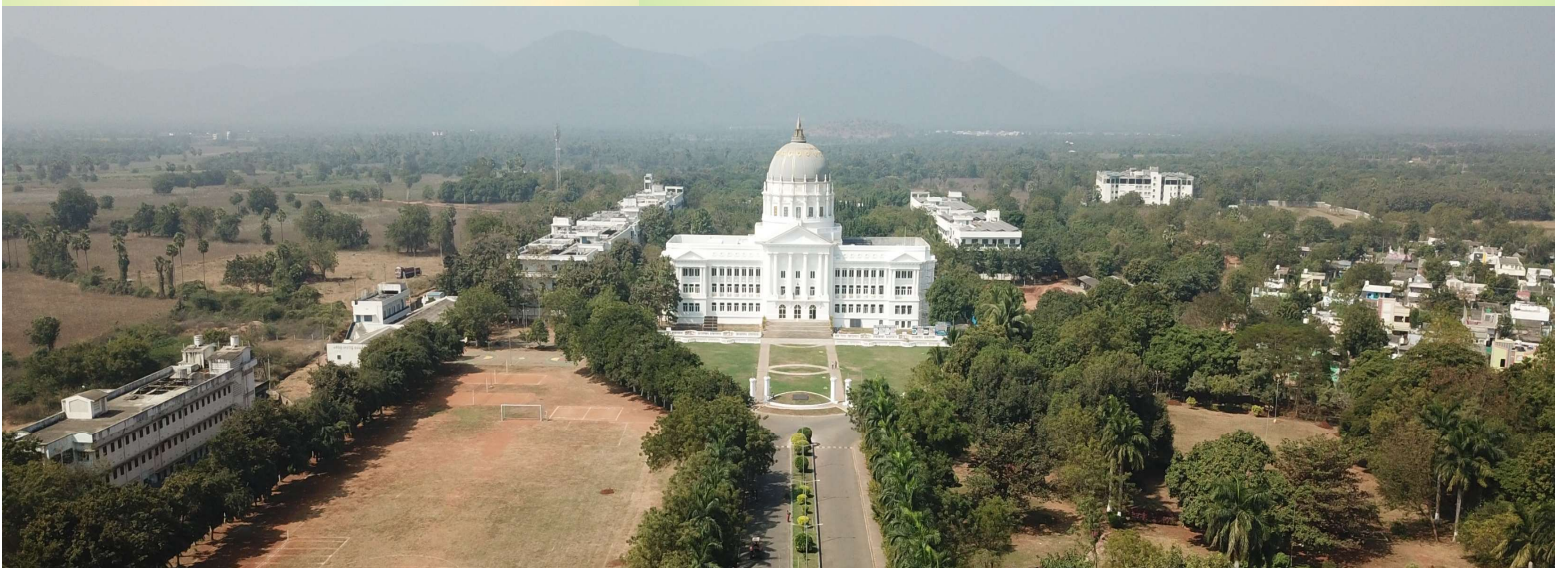


Committed to

**Academic Excellence**

in

**Engineering Education**



## **About LBRCE...**

Lakireddy Bali Reddy College of Engineering (LBRCE) was founded through Lakireddy Bali Reddy Charitable Trust in 1998 by eminent philanthropist and NRI Entrepreneur 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 (CSE, IT, ECE, EEE& ME) under Tier-I and ISO 9001:2015 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 251-300 band (Under Engineering) in NIRF India Rankings - 2022 and ranked 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 CSE, Thermal Engg., Power Electronics & Drives, VLSI and Embedded systems, 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 center, 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 centres of JNTUK, Kakinada.

## **Principal's Message..**

### **Dear Students and Faculty Members,**



Last three months have been phenomenal for us. We have seen exceptional success in placements. I feel happy to share that our Computer engineering student, Ms.Rallabandi Eswari Madhavi, got recruited in IBM package of 11LPA. In NIRF India Rankings - 2022, LBRCE is ranked 251-300 rank band under engineering category and Internalshala-2022 is ranked 47 in south Zone. Five of our UG programs CSE, IT, ECE, EEE & ME were re-accredited by NBA for a period of 3 years. A Harshitha, CSE student received state level

Influential student award by Hon'ble Chief Minister of Andhra Pradesh Sri.Y.S.Jagan Mohan Reddy and Kum. K.Poojitha Gayathri, EEE Student got State Level Best NSS Volunteer Award for A.Y 2021-22 from NSS Cell, Government of Andhra Pradesh. AI&DS Department students got First prize in "Data Science Hackathon" organized by APSSDC & Indo-Euro synchronization, Germany held on 28th September 2022. A.Sai Yaswanth got selected for All India Inter University Volleyball tournament to be conducted at SRM university, Chennai. Usha got selected for All India Inter University Volleyball tournament to be conducted at MG University, Kottayam.

I congratulate all stakeholders for their incessant efforts.

Best Wishes,  
Dr. K.Appa Rao, Principal

# Awards / Rankings / Recognitions



Students Achievements/Awards

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING(A)  
Department of Computer Science and Engineering  
**Congratulations**

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION  
APSICHE

**A Harshitha(19761A0570)**  
**2nd Place in**  
**State Level Influential Student Award**

Presented by Hon'ble Chief Minister of Andhra Pradesh Sri.Y.S.Jagan Mohan Reddy garu on 30-11-2022



Mr.K.Praveen (20765A0305) received APSCHE excellence award from Prof.K.Hema Chandra Reddy APSCHE Chairman on 15.10.2022.



ME Students received second prize (Rs.15000/-) by honorable Vice Chancellor Prof.G.V.R.Prasada Raju, Prof.L.Sumalatha, Registrar, Prof. A.Gopala Krishna, Director, DIC, JNTUK Kakinada



IT department 2<sup>nd</sup> year students have developed a website for **SAFE Organization** which has been launched by district Collector **Mr.Dilli Rao** on 31-10-2022.





Students from AI&DS Department (M.Manvitha, P.Nagalakshmi, K.Likitha Suma, U.Surya, P.Sai Krishna, SK.Ibrahim) got First prize in “Data Science Hackathon” organized by APSSDC & Indo-Euro synchronization, Germany held on 28th September 2022.



Siva Raju Uha Jahnavi Delivering a Talk On Democracy and Corporatocracy on 16-09-2022 at 12<sup>th</sup> Bharatiya Chhatra Sansad - Indian Student Parliament, MIT WPU, PUNE.



Kum. K.Poojitha Gayathri, EEE Student got State Level Best NSS Volunteer Award for A.Y 2021-22 from NSS Cell, Government of Andhra Pradesh on 24<sup>th</sup> September 2022

## DEPARTMENT OF AEROSPACE ENGINEERING

### Events Organized:

- The Dept. of ASE, organized a Industrial visit to “Satish Dhawan Space Centre (SDSC)-SHAR , Sriharikota” on 11.11.2022.



### LAKSHYA2k22- A National Level Technical and Cultural Fest

#### SRUJANA (Paper Presentation)

S.No	Name of the Student (in Capital letters)	College Name	Prize
1	P. BHARGAVIKRANTHI	LBRCE	I prize
2	B. PREVEEN KUMAR	LBRCE	
3	H. VAISHNAVI	LBRCE	II prize
4	V. DIVYA SUNIL	LBRCE	

#### PRAGNA (Poster Presentations)

S.No	Name of the Student (in Capital letters)	College Name	Prize
1	K. BHANU PRAKASH	LBRCE	I prize
2	P. BHARGAVIKRANTHI	LBRCE	II prize
3	K. ANUSHA	LBRCE	III prize
4	MOUNIKA	LBRCE	

#### MEDHA (Technical Quiz)

S.No	Name of the Student (In Capital letters)	College Name	Prize
1	A. RADASH	LBRCE	I prize
2	P. J. KOTI RATHNANAND	LBRCE	
3	M. MAHENDRA REDDY	LBRCE	II prize
4	R. VENKANNA	LBRCE	
5	A. SAHITHI	LBRCE	III prize
6	K. ROSHINI	LBRCE	

#### NIPUNA (Project Expo)

S.No	Name of the Student	College Name	Prize
1	PRAGADA. BHARGAV	LBRCE	I prize
2	MOHAMMAD ABDUL SHARON	LBRCE	
3	Y. ROHITH	LBRCE	II prize
4	SIMMA. AJAY KUMAR	LBRCE	

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**Events Organized:**



Prize distribution by Sri.L.Jayapraksha Reddy, Honorary Chairman, LBRCE



24 Hours Hackathon on Data Science using Python, 17/12/2022 to 10:00 AM, 18/12/2022



Dr.K.Appa Rao, Principal addressing the students on the occasion of 1 Week Workshop on Data Science Using Python from 12-12-2022 to 17-12-2022



LAKSHYA 2022, Annual Students Technology Fest held on 28/12/2022



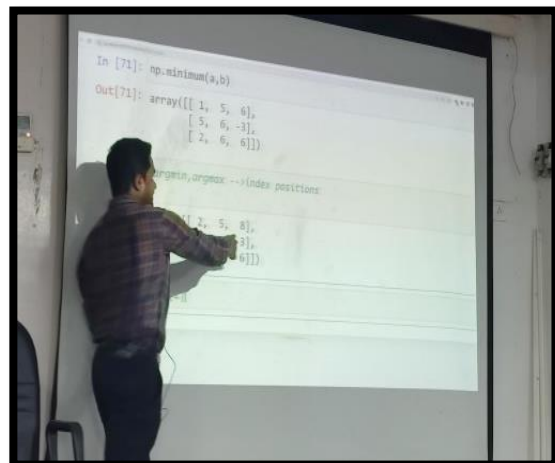
“Cyber Security Challenges in the Society”  
Resource Person: Mrs.N.Chaitanya Rani,  
CEO, Spypro Security Solutions Pvt.Ltd.,  
on 28-11-2022



Dr P K Das, Professor of CSE, IIT Guwahati,  
Can Images Talk: An Interpretation of  
Images on 23-11-2022



Dr V S S KIRAN CEO GARUDALYTICS  
delivering a guest lecture about GIS  
Applications and Internships on 07-11-2022



Mr.B.Saketh Reddy Illustrating the ML with  
Python during 3-Day Workshop on Machine  
Learning for III B.Tech Students from  
07/11/2022 to 09/11/2022

**Technical Club Activities :**

**Name of the Technical Club: Spirit of AI**

Name of the Event	No. of Participants	Date
Group Discussion	180	10.12.2022
Paper Presentation	164	19.11.2022
Technical Quiz	158	22.10.2022
Online Gaming	179	17.09.2022

**Students' Achievements/Recognitions**

Event Name Title	Participants Name	Roll Number	Date	Prize	Venue
Data Science Hackathon	20761A5428 20761A5422 20761A5441 20761A544 20761A5450 20761A5459	M.Manvitha U.Surya P.Nagalakshmi K.Likitha Suma P.Sai Krishna SK.Ibrahim	29.09.2022	1	APSSDC (AP)
SRGEC National Level Hack Hackathon 2022 IDEATETO HACK 2022	20761A5453 20761A5430 20761A5460	S.Nagababu M.Sairam U.Saicharan	13.10.2022	1	VRSEC(A)
NCC B CERTIFICATE	(20761A5403) (20761A5426) (20761A5435)	Ms A Purnima Ms A Uma Maheswari Ms M Radhika	26.09.2022	1	NCC Unit



## DEPARTMENT OF CIVIL ENGINEERING

### Events conducted by the Department

#### Guest Lectures:

- **Geo Spatial Technology** by Dr V.S.S. Kiran, CEO, Garudalytics Pvt. Ltd., Hyderabad on 19<sup>th</sup> Nov, 2022



**Dr. V. S. S Kiran, CEO – Garudalytics Private Limited, Hyderabad delivering the Guest Lecture on “Geo Spatial Technology”**

#### Staff Colloquiums

- **B. Ramakrishna** delivered staff colloquium on “Corrosion Resistance Concrete” on 19<sup>th</sup> Nov 2022

#### Student Chapter/Professional Society activities

- **IEI Student Chapter :**

**Guest Lectures: Geo Spatial Technology** by Dr V.S.S. Kiran, CEO, Garudalytics

Pvt. Ltd., Hyderabad on 19<sup>th</sup> Nov, 2022

#### MOU

MOU is signed between Lakireddy Bali Reddy College of Engineering and Garudalytics Private Ltd. This will enable the students and faculty members to organize and participate in Workshops jointly organized with Garudalytics. Further, this MOU will also help in sharing and participating in academic funded projects and training programs etc.



**MOU Signed between Lakireddy Bali Reddy College of Engineering and Garudalytics Private Ltd**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Workshops/Seminars/Certification programs/ In-House training conducted**

<b>Title of the Workshops/Seminars/Certification program</b>	<b>No. of Participants</b>	<b>Name of Resource Persons</b>	<b>Name of Organization/ Institute</b>	<b>Address</b>
Seminar on “Life After Engineering”	210	MNS Chakravarthy	Australian Immigration Lawyer	Australian Permanent Resident

**Date** : 21<sup>st</sup> October 2022



<b>Title of the Workshops/Seminars/Certification program</b>	<b>No. of Participants</b>	<b>Name of Resource Persons</b>	<b>Name of Organization/ Institute</b>
One workshop on “NLP & ITS USE CASES IN INDUSTRY”	210	Dr. Swarup Kumar Behera,	Senior data scientist, Reliance JIO platforms, Hyd.

**Date** : 23<sup>rd</sup> November 2022



<b>Title of the Workshops/Seminars/Certification program</b>	<b>No. of Participants</b>	<b>Name of Resource Persons</b>	<b>Name of Organization/ Institute</b>	<b>Address</b>
One-week workshop on “DATA SCIENCE USING PYTHON WORKSHOP	284	B. Vijay Kumar,	Technical head, Brain o vision, Trainer & Developer, Brain o vision	Hyd.

**Dates** : 12-17<sup>th</sup> December 2022, **Duration** : 5 Days



<b>Title of the Workshops/Seminars/Certification program</b>	<b>No. of Participants</b>	<b>Name of Resource Persons</b>	<b>Name of Organization/ Institute</b>	<b>Address</b>
24 –Hours Hackathon on data science using python	256	Mr. D. Ganesh Nag, Intisar Mehdi,	Founder & CEO, Brain o vision, Sr. consultant, Virtusa	Hyd.





Title of the Conference/FDP	No. of Participants		Name of Resource Person
	External	Internal	
ATAL Sponsored Faculty Development Program on “Data Analysis Tools & Techniques for Text and Speech Analytics”	44	06	Dr. Pradip K. Das, Professor of CSE, IIT Guwahati Dr. P. Bhagath, Associate Professor, LBRCE Dr. Mohit Kumar, Assistant Professor, NIT Hamirpur Dr. Swarup, Senior Data Scientist, Reliance Jio Platforms Mr. Ritesh Ratti, Senior Data Scientist, Delivery Hero, Germany



#### Faculty Acted as Resource Persons/Session Chair/BoS members

Name of the Faculty	Role	Title of the Event	Name of Institute	Address	Date/Year
Dr. K. Devi Priya	Resource Person	Machine Learning & Deep Learning Applications with Python	Pace institute of technology & Sciences	Ongole	26-10-2022 to 28-10-2022
Dr. K. Devi Priya	Resource Person	Machine Learning Applications	A.S.D. Government Degree College for Women ( A )	Kakinada	02-12-2022

**Placements Details (A.Y: 2022-23\*)**

S.No.	Company	Package	No. of Selections
1	Cognizant	GenC PRO(5.4 LPA)	9
		GenC Elevate(4 LPA + S.B)	12
		GenC (4LPA)	49
2	Accenture	Adv. ASE (6.5 LPA)	1
		ASE (4.5 LPA)	31
3	IBM	(11 LPA)	1
		(4.5 LPA)	3
4	SOTI	(7.5 LPA)	1
5	TCS	NINJA (3.36LPA)	15
6	TECHNOVERT	(8LPA)	2

**Students Achievements**

**Lakshya-2K22-16<sup>th</sup> NATIONAL LEVEL TECHNICAL & CULTURAL FEST**

**EVENT: SRUJANA**

**Winner List:**

S.NO	Name of the Student	College Name	Prize
1.	Shaik . Gousiya	Nimra College of Engineering	I prize
2.	P . Charan Nagadeep	Gudlavalleru College of Engineering	II prize
3.	Ch . Sravanthi	LBRCE	III prize

**EVENT: PRAGNA**

**Winner List:**

S.NO	Name of the Student	College Name	Prize
1.	Sk . Shabeena	VR Siddhartha	I prize
2.	B . Manjusha	Vikas Group of Institutions	II prize
3.	G . Divya	LBRCE	III prize

**EVENT: MEDHA**

**Winner List:**

S.NO	Name of the Student	College Name	Prize
	D . Vamsi Krishna	LBRCE	I prize
	A . Jai Krishna	LBRCE	I prize
	G . Mani Durga Siva Sai	VRSCCE	II prize
	A . Gowthami	VRSCCE	II prize
	G . Navya Sri	LBRCE	III prize
	D . Siva Ram	Vikas Degree College	III prize

**EVENT: NIPUNA**

**Winner List:**

S.NO	Name of the Student	College Name	Prize
1	T . Gopikath Ch . Manohar	Lakireddy Bali Reddy College of Engineering	I prize
2	Vamsi K G . Ganesh	Lakireddy Bali Reddy College of Engineering	II prize

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Events Organized:**

<b>Title of the Workshops/ Seminars/ Certification program</b>	<b>No. of Participants</b>	<b>Name of Resource Persons</b>	<b>Date</b>
Three day workshop on PCB Design (RC Technical club)	182	Mr.C.Sudhakar Reddy – SRC e Solutions Mr.P.S.Satya Kumar – SRC e solutions, SRC e solutions, Hyderabad	04.07.2022 to 06.07.2022



Addressing by Dr.Y.Amar Babu,  
Head of the Department



Introductory session by Sri.C.Sudhakar Reddy, SRC e solutions, Vijayawada



Practice session using Proteas software



Students implementing the circuit designed in software using hardware

**Student Chapter/Professional Society activities:**

**Engineer's Day** **Poster Presentation**

**Topic:**  
Recent Trends in Communication

**Wednesday**  
14-09-2022  
9 to 11 AM

**Venue**  
MP&MC Lab

**Organized By**  
**Department of ECE**  
In association with  
**The Institution of Electronics and Telecommunication Engineers**

**Register Using URL :**  
<https://forms.gle/2iWwQCEb12A1yZL08>

**Show your Talent & Win Rewards**



**Hod Dr. Y. Amar Babu Visiting Poster Presentation Students**



**on eve of A. P. J. Abdul Kalam Birthday** **Technical Talk**

**Topic: Missile Tips**

**Wednesday**  
15-10-2022  
9:30 to 12 AM

**Show your Talent & Win Rewards**

**Register Using URL :**  
<https://myurl.com/uaenrtuaw>

**Organized By**  
**Department of Electronics and Communication Engineering**  
In association with  
**The Institution of Electronics and Telecommunication Engineers**

**Flyer**



**Dr. P. Rakesh Kumar, Coordinator of IETE Acting as Judge**



**K. Sasi Bhushan, Coordinator of IETE Acting as Judge**



**Students presenting PPT**

**Students' Achievements/Recognitions  
Publications**

<b>Title of paper</b>	<b>Name of the author/s</b>	<b>Roll Number</b>	<b>Name of journal</b>	<b>Year of publication</b>	<b>ISSN number</b>
A Novel approach for Wearable Antenna Design for Biomedical applications	G.Catherine Christina, R. Teja, P.Niteesh Kumar, M. Anush, K.Srinivasa Rao, K.Rani Rudrama,		Transactions on Electrical and Electronic Materials	2022	2092-7592
A Study on Important Atmospheric Convective Indices and their Impacts on Aviation	S.Sreedevi, P.S. Brahmanandam, G.Uma, A. Praneetha, G. Anil Kumar, V.Naveen Kumar, M.P. Rao, A.Narendra Babu,		European Journal of Applied Sciences,	2022	2634-9221
EEG based Smart Wheelchair for disabled persons using Non-Invasive BCI	N. Yaswanthkumar Reddy, B.V.S.S.Greeshma, Y.S.S. Vardhan Reddy, Dr.E.V. Krishna Rao,		IEEE Scopus Conf. Proceeding	2022	978-1-6654-8004-8
An IoT based Embedded System for Monitoring and Control of Greenhouse parameters	Surya Pravalika, K. Spandana, Syed Jalal, Venkat Rao Pasupuleti		IEEE International Conference on Smart Electronics and Communication (ICOSEC)	2022	978-1-6654-9764-0

**Placements**

<b>Roll Number</b>	<b>Name of the candidate</b>	<b>Name of the Organization</b>	<b>Package (LPA)</b>
19761A04D3	Gayathri Alluri	VEDA IIT	3.5
19761A04I5	Sriram Dasari	VIRTUSA	6.5
19761A0417	Dintakurthi Naga Srinivas	ACCENTURE	4.5
19761A0420	Gandra Nagachandrika	ACCENTURE	4.5
19761A0471	Boddapati Ramya	ACCENTURE	4.5
19761A0483	Kancharla Mahija Cherry Blossom	ACCENTURE	4.5

19761A04A7	Polineni Shirisha	ACCENTURE	4.5
19761A04D2	Alekhya Nallamalli	ACCENTURE	4.5
19761A04E1	Chirumamilla Harichandana	ACCENTURE	4.5
19761A04G5	Medidhi Gayatri	ACCENTURE	4.5
19761A04H2	NilagiriSusanka	ACCENTURE	4.5
20765A0402	Bhuma Reshma Sri	ACCENTURE	4.5
20765A0411	Nali Bhargavi	ACCENTURE	4.5
19761A0407	Borra Rithika	CTS	4.0
19761A0409	Chanamala Rakesh	CTS	4.0
19761A0412	Ch Srinivasa Rao	CTS	4.0
19761A0419	D V Vardhan Reddy	CTS	4.0
19761A0420	G Nagachandrika	CTS	4.0
19761A0423	K Manideep	CTS	4.0
19761A0431	M Abhishek	CTS	4.0
19761A0436	N Lakshmi Neeraja	CTS	4.0
19761A0444	Samsani Sai Tejaswi	CTS	4.0
19761A0447	Sk Abdul Razwana Begum	CTS	4.0
19761A0450	Shaik Rizwana	CTS	4.0
19761A0451	S Venu Gopal	CTS	4.0
19761A0453	S Seva Tharun	CTS	4.0
19761A0456	T Adithya	CTS	4.0
19761A0463	Yakkanti Triveni	CTS	4.0
19761A0464	Yarramreddy Rohith Reddy	CTS	4.0
19761A0465	Andey Madhuri	CTS	4.0
19761A0483	K M Cherry Blossom	CTS	4.0
19761A0485	Karasu Achyuth	CTS	4.0
19761A0492	K Narendra Reddy	CTS	4.0
19761A0496	Manchi Teja Sai	CTS	4.0
19761A04A7	Polineni Shirisha	CTS	4.0
19761A04B1	R Sai Akash	CTS	4.0
19761A04B7	Telu Sai Bhargavi	CTS	4.0
19761A04C0	Turaka Jahnvi	CTS	4.0
19761A04C9	Y S V S Naga Prasad	CTS	4.0
19761A04D5	ArigelaJaasmitha	CTS	4.0
19761A04D6	AV Anantha Reddy	CTS	4.0
19761A04E0	Ch Ajay Kumar	CTS	4.0
19761A04E1	Ch Harichandana	CTS	4.0
19761A04E6	E C Manideep	CTS	4.0
19761A04G1	Labba Yeswanth	CTS	4.0
19761A04G4	Marri Vijay Babu	CTS	4.0
19761A04H9	Ravuri Madhuri	CTS	4.0
19761A04I3	Sivaraju Uha	CTS	4.0
19761A04I5	Sriram Dasari	CTS	4.0
19761A04I8	Tamma Pavani	CTS	4.0
20765A0405	P Hareesh	CTS	4.0
19761A0438	Pandilla Veera Kavya	DIVAMI	4-5
20765A0416	Gajjalakonda Phawhan Sai	DIVAMI	4-5

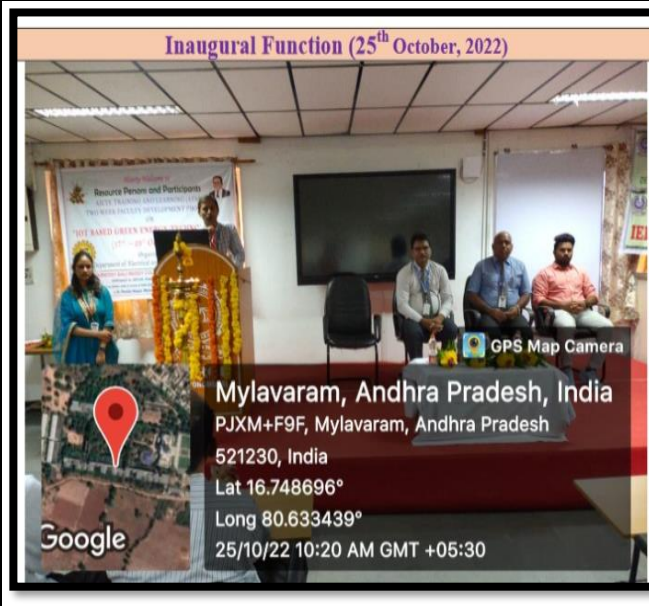
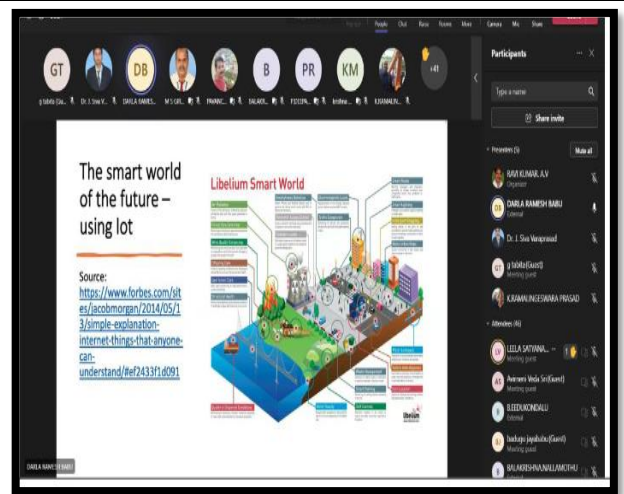
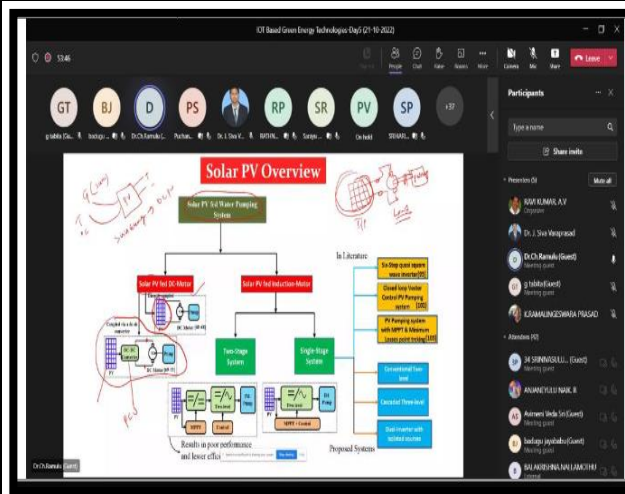
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

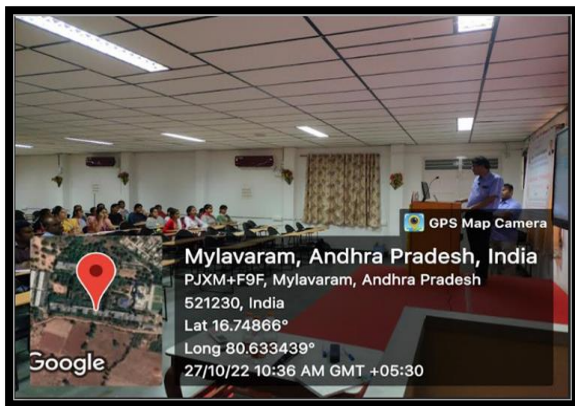
**FDPs /Workshops /Seminars /Certification programs/ In-House training conducted.**

**Name Of the coordinators: Dr. JSV Prasad, Dr. KRL Prasad**

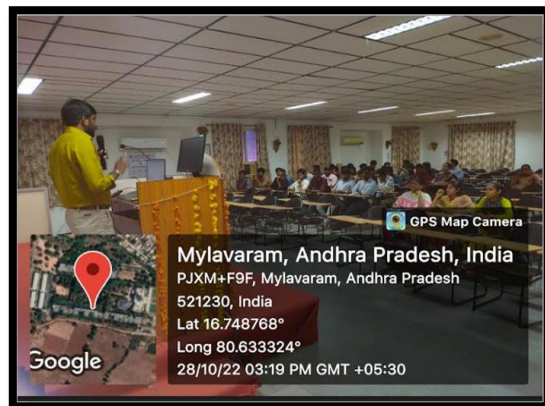
**Duration: 17-10-2022 to 29-10-2022**

Title of the FDP	No. of Participants	Name of ResourcePersons
AICTE Training and Learning Academy (ATAL)Sponsored two week FDP on “IOT based green Energy Technologies”	50	Dr. Suresh Mikkili, Assoc Professor, NIT Goa Dr Gurnath Gurrula, IISC, Bangalore Dr. K.Sri Kumar, JNTU GV College of Engg Dr. M.Jaya Bharat Reddy, NIT, Tirucharapalli Dr. Ch.Ramulu, NIT Warangal Mr. Ramesh babu Darla, Power CQT Cisco Systems





Guest Lecture by Mr.G.V.Siva kumar, Asst.general manager,ORB Energy PVT ltd on “ Overview of 25MW Solar Park on 27-10-2022



Guest Lecture by Mr.M. Mathan Kumar, Emsys technologies, on “ IOT Based Green Energy Technologies” on 28-10-2022



Guest Lecture by Mr.S. Anand,General Manager,LANCO power, Kondapalli on “Thermal Power generation” on 12-12-2022



Workshop on Advances in Emerging Technologies – Hands-on experience on Industrial Robot Mr.Venkat Raj, Director, ECM, Germany on 04-11-2022



Workshop on Lab View.PSPICE, PSCAD Duration: 12-09-2022 to 30-12-2022



Expert talk by Dr K.Arockiarajan, IIT Madras on “ Latest technologies” Date:10-12-2022



**PROFESSIONAL SOCIETY ACTIVITIES:**

Name of the Student branch: IEEE

S.NO	Name of the Event	No. of Participants	Date
1	Elocution competition on the occasion of “National Energy Conservation Day”	7	14-12-2022
2	Guest Lecture on “Thermal Power Station”	120	12-12-2022
3	Expert talk on latest technologies	120	10-12-2022
4	One day Workshop on “Advances in Emerging Technologies – Hands-on experience on Industrial Robot	130	04-11-2022
5	PPT presentation competition” on the occasion of engineer’s day	16	14-09-2022
6	Guest Lecture On “Orientation/interaction on the Importance of Global certification and Global Internship to students”	130	25-08-2022
7	Guest Lecture on “Career Opportunities through GATE”	130	22-08-2022
8	Technical Quiz	52	01-08-2022
9	Skill Oriented training program on "ADVANCED PYTHON PROGRAMMING"	69	18-07-2022 to 23-07-2022

**TECHNICAL CLUB ACTIVITIES:**Name of the *Technical Club*: Green Energy Club

S.NO	Name of the Event	No. of Participants	Date
1	Elocution competition on the occasion of “National Energy Conservation Day”	7	14-12-2022
2	Guest Lecture on “Thermal Power Station	120	12-12-2022
3	Guest Lecture on “IOT Based Green Energy Technologies”	120	28-10-2022
4	Guest Lecture on “Overview of Solar 25MW Solar park”	68	27-10-2022



**Mr.G.Srinivas, Executive Engineer (APCPDCL), Vijayawada Division**

**FACULTY RECOGNITIONS AND ACHIEVEMENTS:**

<b>Name of the Faculty</b>	<b>Name of the Award/ Recognition</b>	<b>Awarding Agency</b>
Dr.J.Sivavara Prasad	Best Teacher	Raja Ratna Group
Dr.K.R.L.Prasad	Best Teacher	LBRCE
Dr.A.V.G.A.Marthanda	Best Teacher	LBRCE

**FACULTY RESEARCH PUBLICATIONS:**

<b>Name of the Authors</b>	<b>Title of the paper</b>	<b>Name of the journal</b>
Godina Venkata Lakshmi & K. Harinadha Reddy	Improved tunicate swarm search-based MPPT for photovoltaic on a “grid-connected” inverter system	Environmental Science and Pollution Research
P venkata mani sudha 2. Dr.J.Siva Vara Prasad 3. Mr.J.V.Pavan Chand	Flywheel Energy Based Energy Power Generator Grid-Connected VSC HVDC Performance Under Faults	Proceedings of the International Conference on Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES 2022)
Varaprasad Janamala, K. Radha Rani,P. Sobha Rani ,A. N. Venkateswarlu, Sai Ram Inkollu	Optimal Switching Operations of Soft Open Points in Active Distribution Network for Handling Variable Penetration of Photovoltaic and Electric Vehicles Using Artificial Rabbits Optimization	Process Integration and Optimization for Sustainability
I.DIVYA SATYA SREE, <b>P.SOBHA</b>	Maximum Power Point Tracking Algorithm Based on Particle Swarm	Proceedings of the International Conference

<b>RANI,T.NAGADURGA</b>	Optimization to Capture Maximum Power from PV Strings	on Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES 2022)
P. Ramya;K Sahithya;T. Vamsi; <b>B. Pangedaiah</b>	Improvement in the power quality by using Dynamic Voltage Restorer	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)
SK Arshiyarveen;V Jithendra Teja;M Naveen Kumar; <b>B Pangedaiah</b>	Power Quality Improvement in DFIG Wind Power System By Fuzzy Controlled UPQC	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)
G. Radhika M. Raja Nayak M. Saritha <b>Rowthu Padma</b> T. Nagaraju T. Santhosh Kumar	Optimal design configuration of corona rings for 1200 KV bus post insulators	Sustainable Energy Technologies and Assessments

### Book Chapter Published:

Name of the Authors	Title of the Book/Chapter	Name of the Publisher	Date of Publication
Dr.G.Nageswara Rao	Detection and Analysis of Mental Stress in Online Learning Using IoT Devices	Nova Science Publishers, Inc	October 2022

### Student Achievements:

Name of the Event	Name of the Activity	Name Of the Student	Prize	Address
1. Telugu basha Dinostavam	Quiz	M.Aravind	Second	LBRCE
2. Engineers Day	Elocution	B.Joel boon	II Prize	LBRCE
3. Engineers Day	Creative writing	B.Joel boon	I Prize	LBRCE
Engineers Day	paper presentation by LBRCE IEEE Student Branch	B.Venu Madhav	I Prize	LBRCE
Engineers Day	paper presentation by LBRCE IEEE Student Branch	P.Satya Sai Lohith	II Prize	LBRCE
4. LAKSHYA-2022	Srujana	J.Chithanya Kumar	I prize	LBRCE

LAKSHYA-2022	Nipuna	Sk.Sameer	II Prize	LBRCE
LAKSHYA-2022	Pragna	G.Naga Bhagya lakshmi	I Prize	LBRCE
LAKSHYA-2022	Srujana	G.Yaswant	III Prize	LBRCE
LAKSHYA-2022	Srujana	I.Naveen Kumar	III Prize	LBRCE

### Students got prizes/Recognition in Extra-curricular activities

Name of the Event	Name of the activity	Roll Number	Name of the Student	Prize	Team / Individual	Name of the Organization/ Institute & Place
Central zone games	4*100 meters relay	19761A0203	B Thirupathy naik	II prize	team	Aditya engineering college

### PLACEMENTS:

No. of Placements: 42



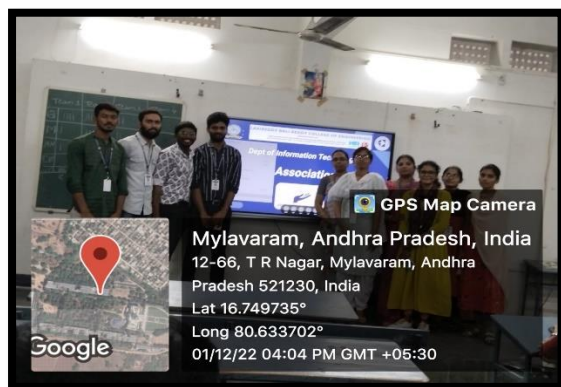
## DEPARTMENT OF INFORMATION TECHNOLOGY

### Events Organized:



CSI-LBRCE student branch has organized a value added course on web Technologies for II B.Tech IT students on 26-09-2022 to 01-10-2022 for the duration of 6 days

Conducted Technical Quiz on 03-12-2022 for 1st year students To promote and develop the programming culture to provide the knowledge and experience of programming.



Organized Association for II year students on 02/12/2022.

Organized association and cultural Event on 17/12/2022 for First year Students by II year students.

### Students Achievements:



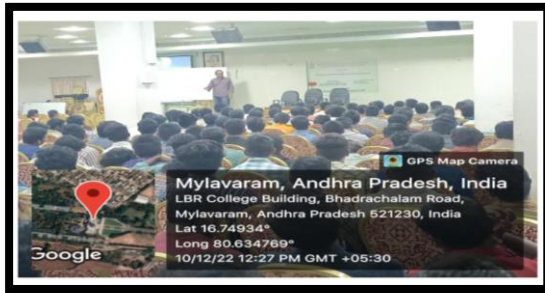
IT department 2<sup>nd</sup> year students have developed a website for **SAFE Organization** which has been launched by district Collector **Mr.Dilli Rao** on 31-10-2022.

### Publications:

Title of paper	Name of the author/s	Name of journal
Identification of Nutrient Deficiency in Rice Leaves using DenseNet-121 <b>ISBN:978 1-6654-8233-2</b>	<b>Dr. B. Srinivasa Rao,</b> Dr. R. Vijaya Kumar Reddy, Dara Manogna, Kotha Akhil, Dasari Divya Sree	Proceedings of the International Conference on Edge Computing and Applications (ICECAA 2022)
Integrated Design of Optimized Weighted Deep Feature Fusion Strategies for Skin Lesion Image Classification Vol 14, Issue 22 PP:5716-41, <b>ISSN: 2072-6694,</b>	Niharika Mohanty , Manaswini Pradhan, <b>Annapareddy V. N. Reddy</b> , Sachin Kumar , Ahmed Alkhayyat	Cancer Journal(MDPI)

## DEPARTMENT OF MECHANICAL ENGINEERING

### EVENTS ORGANIZED BY THE DEPARTMENT



The Dept. of Mechanical Engineering, organized a guest lecture on “Emerging Science and Engineering Learning in Practice” on 10.12.2022 by Dr.A.Arockia Rajan, Professor, IIT Madras. Mr.B.Sudheer Kumar and Mr.M.OLiva coordinated the event.



The Dept. of Mechanical Engineering, organized a guest lecture on “Thermal Power Generation” on 12.12.2022 by Mr.S.Anand, General Manager (O&M), Genting Lanco Power (India) Pvt. Ltd, Kondapalli. Dr.P.Ravindra Kumar coordinated the event.



The Dept. of Mechanical Engineering, organized a Industrial visit to “Mohan Spintex India Limited” at Industrial Park, Mallavalli on 29.10.2022 Mr.S.Rami Reddy & Mr. S.Uma Maheswar Reddy coordinated the industrial visit.







The Dept. of Mechanical Engineering, organized a industrial visit to III Semester A section students “M/s Prakasa Spectro Castings Pvt. Limited” at Enikepadu on 13.12.2022.Mr.K.LakshmiPrasad&Mr.K.Sa i Babu coordinated the industrial visit.



The Dept. of Mechanical Engineering, organized a industrial visit to III Semester B section students “M/s Prakasa Spectro Castings Pvt. Limited” at Enikepadu on 14.12.2022. Mr.S.Rami Reddy & Mr. S.Umamaheswar Reddy coordinated the industrial visit.



## ALUMNI INTERACTIONS

	
<p>Y.Sujan (18761A0355) interacting with students on 14.10.2022</p>	<p>A.Navya Reddy (18761A03B1) interacting with students on 28.10.2022</p>
	
<p>K.Sai Prakash (19765A0307) interacting with final year students on 31.10.2022</p>	<p>Ch.Hemanth Venkata Sai (18761A03C0) interacting with students on 09.12.2022</p>

## CAMPUS PLACEMENTS

S.No.	Name of the student	Roll No	Name of the Company	CTC
1.	Timmasarthy Rohith Vijay Sai	20765A0313	Accenture	4.5
2.	Galam Krupa Sagar	19761A0311	CTS	4
3.	Kuppireddy Venkateswara Reddy	19761A0323		
4.	Alamuri Naga Sai Shyam Sundar	19761A0349		
5.	Ch.Raviteja	20765A0302		
6.	Divvela Gowtham	20765A0303		
7.	Kanithi Sri Sathya Siva Krishna Bhima Raju	20765A0304		
8.	Nalliboyina Venu	20765A0309		
9.	Vipparla Maneesh	20765A0315		
10.	Kesana Trinadh	20765A0319		
11.	Shaik Hameed	20765A0326		
12.	Ravi Krishna Chaitanya Reddy	20765A0341	CTS GEN C	4
13.	Abdul Chan Basha	20765A0316		
14.	Thati Venkatesh	20765A0312		
15.	Maneesh Vipparla	20765A0315		
16.	Sunil Karuturi	19761A0318		



17.	Hardhik Kamatham	19761A03B6	TCS NINJA	3.36 LPA
18.	Lohinadh Kola	20765A0306		
19.	Hameed Shaik	20765A0326		
20.	Pagadala Teja	19761A03D1		
21.	Chan Basha Abdul	20765A0316		
22.	Timmasarthy Rohith Vijay Sai	20765A0313	Kodnest	4 LPA

### CO-CURRICULAR ACTIVITIES

Name of the event	Roll Number	Name of the Student	Prize	Name of the Organization & Place	Date
Srujana	20765A0342	Sk.Sadhik	II Prize	LBRCE, Mylavaram	28.12.2022
	19761A03B6	K.Hardhik			
Pragna	20765A0337	K.Venkatesh	I Prize		
	20765A0308	L.Yeswanth			
Medha	20765A0320	K.S.D.Prasad	II Prize		
	18765A0323	K.Siva Shankar	III Prize		
	22765A0330	A.S.V.N.V.Vardhan			
	22765A0340	K.V.S.Yeshwanth Kumar			
Nipuna	20761A0334	N.Mohan Vamsi	I Prize		
	20761A0303	A.Harika			
Project Expo in JNTUK Kakinada	20761A0348 20761A0351 20761A0352	A.Geetheswara Reddy, A.Bala Yaswanth Sai Reddy, A Venkata Rajendra	II Prize of Rs15000/-	JNTU K, Kakinada	27.12.2022 & 28.12.2022



Students received second prize (Rs.15000/-) by honorable Vice Chancellor Prof.G.V.R.Prasada Raju, Prof.L.Sumalatha, Registrar, Prof. A.Gopala Krishna, Director, DIC, JNTUK Kakinada



**Mr.K.Praveen** (20765A0305) received APSICHE excellence award from Prof.K.Hema Chandra Reddy in APSICHE Office, Tadepalli on 15.10.2022.

## **PUBLICATIONS BY FACULTY**

- Jonnala Subba Reddy “Experimental Investigation of Prediction of Performance Characteristics in Electro Discharge Machining of Titanium Alloys using Response Surface Methodology” in 2<sup>nd</sup> International Conference on Science, Technology, and Management (ICSTM) organized by Global Conference Hub, Coimbatore, India during 29.10.2022 to 30.10.2022.
- Dr.P.Vijay Kumar “Thermal and flow performance in a CLPHP with Al203/copper nanofluids: Application in microelectronics and power generation” in International Conference on Recent Advances in Materials and Manufacturing – ICRAMM 2022 **Elsevier Conference proceedings in** Velalar college of engineering and technology, Erode, Tamilnadu during 8-9<sup>th</sup> December 2022.
- Ravi Prakash Babu Kocharla, Raghu Bandlamudi, Devarau Aruri, Murahari Kolli, Satyanarayana Kosaraju “Finite Element modeling aspects in the factre assement of a low pressure steam turbine blade” published in International journal of Interactive Design and Manufacturing ISSN: 1955-2513 in October 2022.
- Dr.V.Dhana Raju “Emission Analysis in an EGR-equipped DI diesel engine fueled wuth by butanol-diesel blends” published in Environmental Quality Management ISSN: 1520-6483 in December, 2022.

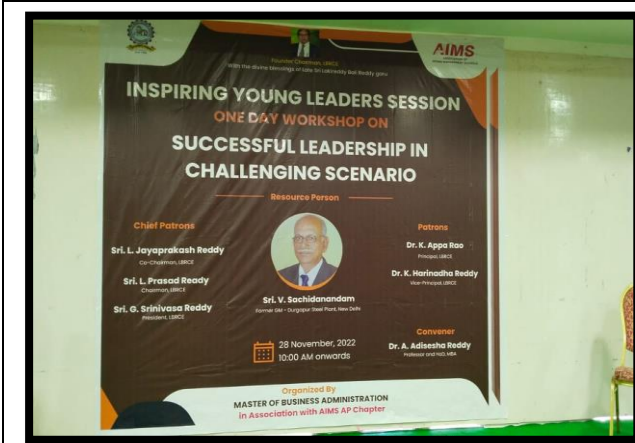
## **BOOKS/CHAPTERS PUBLISHED**

- Dr.V.Dhana Raju published a book chapter “Animal fat-derived biodiesel and nanotechnology applications” published in Springer with ISBN: 978-981-19-3582-4.

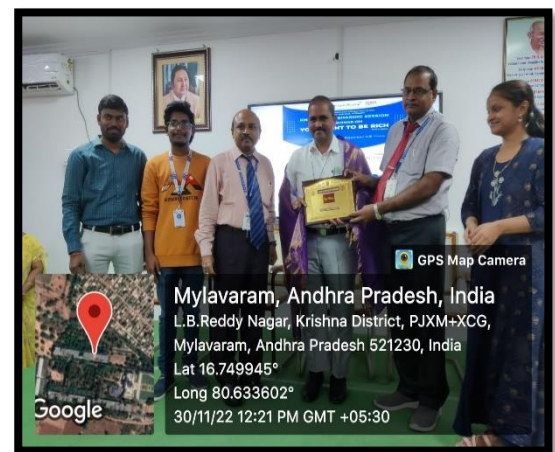
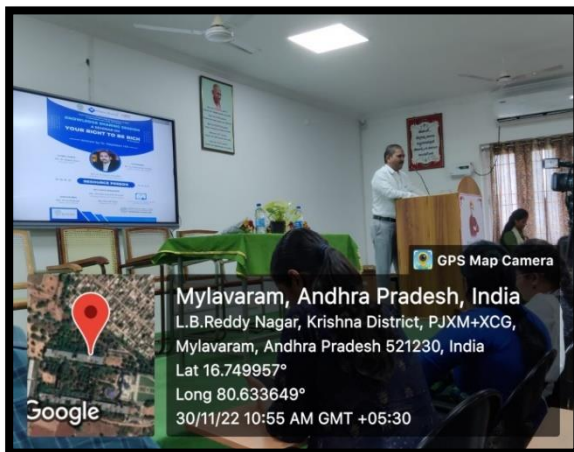
**DEPARTMENT OF MASTER OF BUSSINESS ADMINISTRATION**

➤ Dr.A.Adishesha Reddy,HOD is appointed as Chairman-AP Chapter, AIMS

**Events Organized:**



Session by Sri. V. Sachidanandam, Former GM- Durgapur Steel Plant, New Delhi.during “Workshop on Inspiring Young Leaders” On 28-11-2022.



Seminar On YOUR RIGHT TO BE RICH by Sri. A.S.Syam Sunder, Advocate, Andhra Pradesh High Court on 30-11-2022



**Industrial Visit to APGENCO -Dr. NTPS, Ibrahimpatnam 16-12-2022 & 17-12-2022**

**Technical Club Activities:**

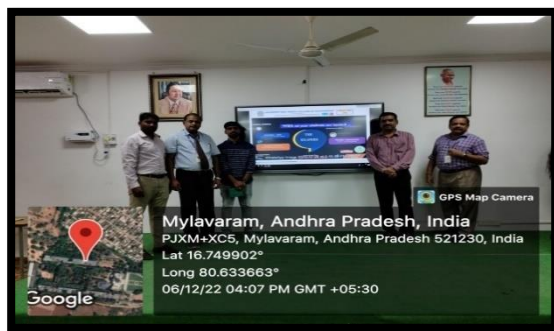
**Name of the Technical Club: Espirit Club**



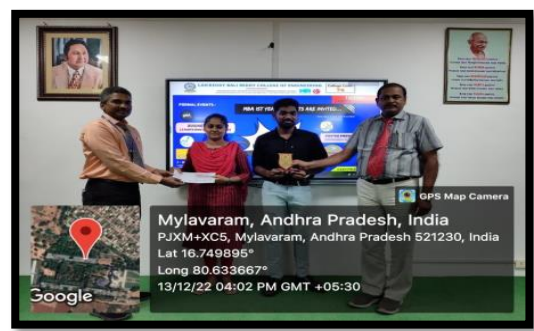
B-quiz, Case study analysis(co-curricular activities) on 30-11-2022



Cultural Programmes and Fresher's day on 03-12-2022



B-quiz, Young Manager and Market Makers on 06-12-2022



B-quiz, Poster Presentation and Market Makers on 13-12-2022



B-quiz, Ad-Making on 14-12-2022



One day national level technical and cultural fest. On 28-12-2022



Creating awareness on Job Opportunities by Alumni Mr.srinivas Reddy on 25-11-2022



Sharing of personal experiences and work experiences by alumni Mr.suresh on 26-11-2022

### Placements

<b>Name of the Organization</b>	<b>Name of the Students</b>	<b>Roll Number</b>	<b>Package</b>
Amarraja Batteries	Meena Tejaswi	20761E0008	4L
Amarraja Batteries	Prem Kumar	20761E0037	4L
Factset	A.Mounika	20761E0001	3.25L
Factset	B.Sumanth Madav	20761E0004	3.25L
Factset	B.Siva Krishna	20761E0006	3.25L
Factset	Meena Tejaswi	20761E0008	3.25L
Factset	K.Narasa Reddy	20761E0025	3.25L
Factset	M.Siva Prasad	20761E0028	3.25L
Factset	N.Navya	20761E0032	3.25L
Factset	P.Gayathri	20761E0034	3.25L
Factset	S.Sri Lakshmi Prasanna	20761E0039	3.25L
Factset	U.Naveen	20761E0046	3.25L
Factset	P.V.Sai Kumar	20761E0048	3.25L
Factset	A.Kavya	20761E0053	3.25L
Factset	B.B.Raju	20761E0055	3.25L
Factset	D.Mallikarjuna Rao	20761E0060	3.25L
Factset	P.Sri Harsha	20761E0083	3.25L
Factset	R.Ganesh	20761E0087	3.25L
Factset	R.S.Sai Srinivas	20761E0088	3.25L
Factset	S.Sukanth	20761E0091	3.25L
Factset	S.Sai Lakshman	20761E0097	3.25L
Factset	U.Gopi	20761E00A0	3.25L

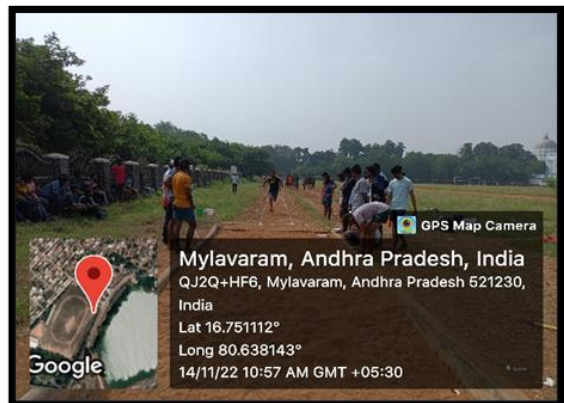
## DEPARTMENT OF PHYSICAL EDUCATION

### Events/Competitions Organized:

JNTUK intercollegiate football tournament is scheduled from 9-12-2022 to 11-12-2022



Intramurals covering 24 different Sports & Games for both Boys & Girls were conducted from 14-11-2022 to 16-11-2022





**Students Awards/Achievements:**

- A.Sai Yaswanth got selected for All India Inter University Volleyball tournament to be conducted at SRM university, Chennai from 23-27 Dec., 2022.
- Usha got selected for All India Inter University Volleyball tournament to be conducted at MG University, Kottayam from 27-31 Dec., 2022.



## SAHELI-The Girls Club

### Events/Competitions organized:



Welcome Speech by **Dr.K.Harinadha Reddy, Vice-Principal, LBRCE** during Awareness program on **INDUCTION PROGRAM- 2K23**



An Interactive Session on **“Role of Education in the Empowerment of Women”** on 12-11-2022



Addressing by **Sk. Shireen, Chairman, Mandal Legal Service commission & Junior civil Judge, Mylavaram** during Workshop on **“Discrimination against Women Pakwada”** from 25-11-2022 to 10-12-2022



Interacting with the students by **Mrs.P.Girija Staya Kumari, Inspector, Special Enforcement Bureau ,Mylavaram** during Workshop on **“Discrimination against Women Pakwada”** from 25-11-2022 to 10-12-2022

**PRAKRUTHI - The Environmental Club**

PRAKRUTHI Club Received Rs.1.0 Lakh fund from AICTE under SPICES  
**Events/Competitions organized:**



Plantation by Dr. K.V.S.G. Murali Krishna, Director of Academic planning, JNTUK, Kakinada on 22-10-2022



Plant saplings distribution at APR Minority Girls High School; Prize distribution at APR Minority Girls school on 21-10-2022



Prakruthi Club Volunteers planting the saplings in the campus on the occasion of Plantation Program on 21-10-2022



Poster presentation done by students on World Soil Day 2022



Poster presentation competition on World Soil Day 2022



“A Herbal stall - Plant Paradise” from Prakruthi Club on the event of Lakshya 2K22 on 28<sup>th</sup> December 2022

**KRUTHI - The Cultural and Fine Arts Club**

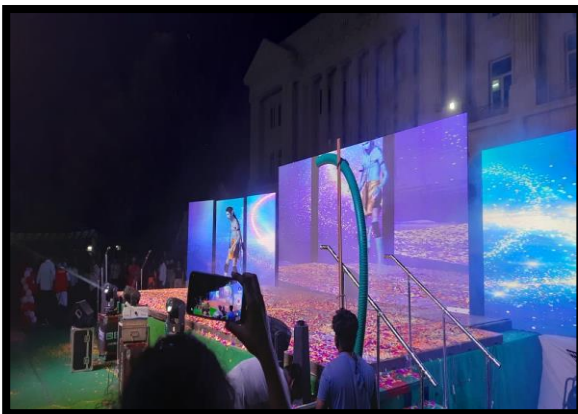
**Events/Competitions organized:**



Music Concert on 17-11-2022



Lakshya 2K22 Cultural fest on 28-12-2022



New year celebrations Music Concert on 31-12-2022

**SPOORTHI- The Literary Club**

**Events/Competitions organized:**



International girls Child Day Celebrations  
Elocution on 19-10-2022

Birth Anniversary of Sardar Vallabhai Patel  
Elocution Competition Quiz Painting  
Competition On 28-10-2022



Children's Day Celebrations Drawing, Essay writing Elocution on 11-11-2022



NSS & NCC



Dr.LHR Govt.High School students attended training program on Electronics and Hardware under NSQF, Andhra Pradesh on 19-11-2022.



Distribution of blankets to homeless people and Govt. hostel Girls students in Mylavaram on the occasion of Smt.Indira Gandhi Birth Anniversary on 19-11-2022.



NCC Camp activities



“C” Certificate : 6  
“B” Certificate : 23