Edition VI, Volume II, 2022-23

Mechanical Engineering E-Magazine (LBRCE)

(TIER-I)

MECH PULSE

(OCT-DEC 2022)

DEPARTMENT OF MECHANICAL ENGINEERING

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(Autonomous)

Accredited by NAAC & NBA under Tier - I

Approved by AICTE and Permanently Affiliated to JNTUK, Kakinada

Mechanical Engineering E-Magazine (LBRCE)

MESSAGE FROM HEAD OF THE DEPARTMENT

I am very happy to inform you that the department of mechanical engineering is bringing **MECH PULSE-an e-magazine** its edition VI and volume II. The department of mechanical engineering is Accredited by **National Board of Accreditation (NBA) under Tier-I** and is started in the year 1998 with an intake of 60 students. At present the department is offering B.Tech Mechanical Engineering with an intake of 120 students and M.Tech – Thermal Engineering with an intake of 18 students. The department has thirteen state of art laboratories worth of 2.8 crores, with advanced computing facilities, software and research equipment. Advanced **Research Laboratories** in the area of **Cognitive Science, Material Testing, Tribology and Thermal Engineering** are available. Sophisticated **ANSYS Skill Development Centre** with 110 users of ANSYS 18.1 and **Dassault 3D Experience centre** (in association with APSSDC) is available. The department has 31 faculty members with 10 Doctoral degrees. Thirteen faculty are actively pursuing for their Ph.D in various universities and nine research scholars are working for their doctoral under the department faculty. The department faculty constantly upgrade their knowledge in the area of their domain by attending various Faculty Development Programs, workshops, seminars etc. The faculty are actively engaged in their research work and are active in publishing papers in journals and conferences.

VISIONOF THE DEPARTMENT

- To impart knowledge in Mechanical Engineering with global perspectives for the graduates to serve the society and industry.

MISSION OF THE DEPARTMENT

- To enable the graduates technically sound with the state- of- the –art curriculum and innovative teaching methods
- To provide training programs that bridge the gap between academia and industry
- To create a conducive environment and facilities to improve overall personality development of the graduates.
- To make the graduates aware of role and responsibilities of an engineer in society.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To build a professional career and pursue higher studies with sound knowledge in Mathematics, Science and Mechanical Engineering.

PEO2: To inculcate strong ethical values and leadership qualities for graduates to become successful in multidisciplinary activities.

PEO3: To develop inquisitiveness towards good communication and lifelong learning.

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: To apply the principles of thermal sciences to design and develop various thermal systems.

PSO2: To apply the principles of manufacturing technology, scientific management towards improvement of quality and optimization of engineering systems in the design, analysis and manufacturability of products.

PSO3: To apply the basic principles of mechanical engineering design for evaluation of performance of various systems relating to transmission of motion and power, conservation of energy and other process equipment.

ONGOING RESEARCH PROJECTS

S.No.	Name of the Faculty	Title of the Project	Funding Agency	Amount Sanctioned	Sanctioned Year
1.	Dr.N.SunilNaik	Evaluation of engine parameters affecting the performance of enzymatic transesterification process using test fuel blends	DST/SERB/EEQ	22,81,000	2019

GRANTS RECEIVED

S.No.	Name of the Faculty	Title of the Project	Funding Agency	Amount Sanctioned	Sanctioned Year
1.	Jonnala Subba Reddy	Robotics & Artificial Intelligence	AICTE ATAL	93,000	2022

PUBLICATIONS BY FACULTY

A: Conferences Attended

- **Jonnala Subba Reddy, "**Experimental Investigation of Prediction of Performance Characteristics in Electro Discharge Machining of Titanium Alloys using Response Surface Methodology**"** in 2nd International Conference on Science, Technology, and Management (ICSTM), Global Conference Hub, Coimbatore, India 29th to 30th Oct 2022.
- **Dr.P.Vijay Kumar,** Thermal and flow performance in a CLPHP with Al203/copper nanofluids; Application in microelectronics and power generation International Conference on Recent Advances in Materials and Manufacturing-ICRAMM2022 Elesevier Conference proceedings 8-9th December 2022 Velalar College of Engineering and Technology, Erode, Tamilnadu.

B: Journal Publications

- Ravi Prakash Babu Kocharla, Raghu Bandlamudi, Devarau Aruri, **Murahari Kolli,** and Satyanarayana Kosaraju **"**Finite Element modeling aspects in the facture assement of a low pressure steam turbine blade**"** published in International journal of Interactive Design and Manufacturing ISSN: 1955-2513.
- **Dr.V.Dhana Raju** "Emission Analysis in an EGR-equipped DI diesel engine fueled with by butanol- diesel blends" published in Environmental Quality Management, ISSN: 1520-6483, December 2022.

BOOKS/CHAPTERS PUBLISHED

- **Dr.V.Dhana Raju**,**S.** "Animal fat-derived biodiesel and nano technology applications" published in Springer ISSN: 978-981-19-3582-4
- Pranta Barua, **V.Dhana Raju**, Manzoore Elahi M.Sodagar, Nazia Hossain Novel Feedstocks for Biofuels Production part of the Book series: Clean Energy Production Technologies (CEPT) Animal Fat-Derived Biodiesel and Nano-Technology Applications published Springer, Singapore Oct-2022 ISSN:978-981-19-3581-7.

EVENTS ORGANIZED BY THE DEPARTMENT

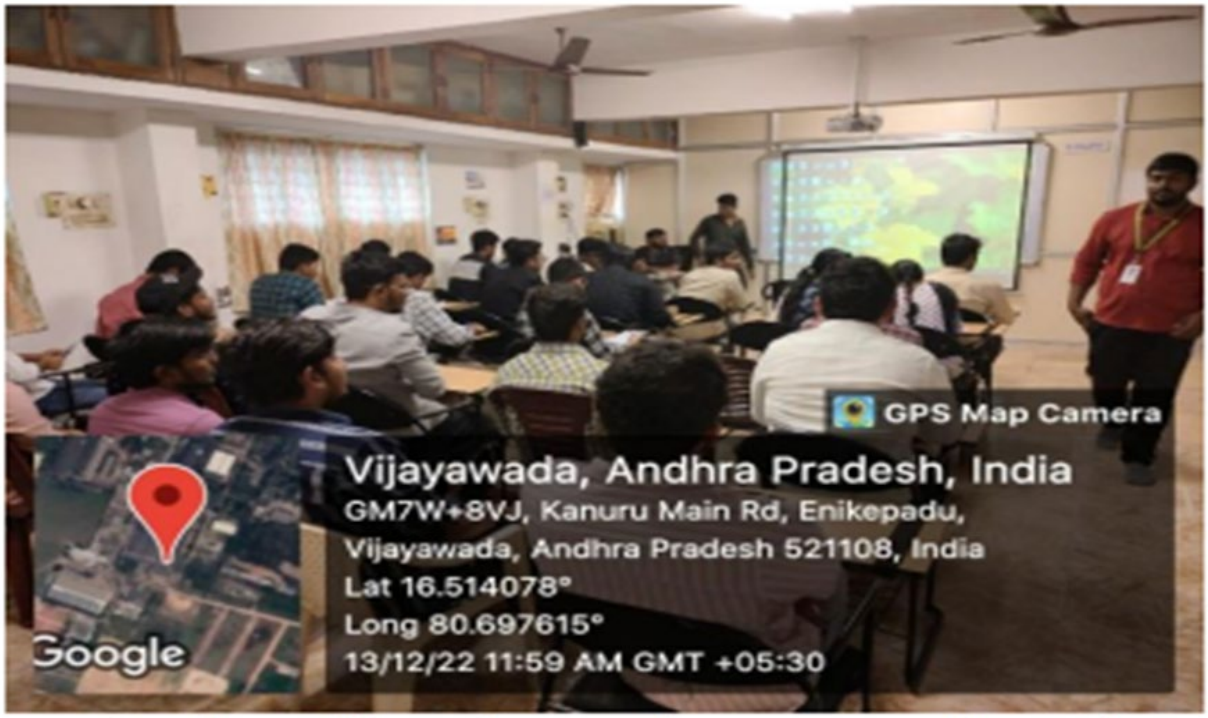
INDUSTRIAL VISITS

- The Dept. of Mechanical Engineering, organized a industrial visit to "MOHAN SPINTEX INDIA LIMITED, INDUSTRIAL PARK, MALLAVALLI" for B.Tech III, V and VII Semester students on 29th October 2022. Mr.S.Rami Reddy & Mr. S.Uma Maheswara Reddy coordinated the event.

Students listening to the instructions of staff at Mohan Spintex India Ltd, Mallavalli

Students with Mohan Spintex Staff at Mohan Spintex India Ltd, Mallavalli

- The Dept. of Mechanical Engineering, organized a industrial visit to "PRAKASA SPECTRO CAST Pvt. LIMITED, ENIKEPADU, VIJAYAWADA" for B.Tech III Semester A students on 13th December 2022. Mr.K.Lakshmi Prasad & Mr. K,Saibabu coordinated the event.



Students listening to the presentation of Shri.T.Pardhasaradhi, MD about the industry

B.Tech-III Semester A section students watching the boring process at Machine shop

- The Dept. of Mechanical Engineering, organized a industrial visit to "PRAKASA SPECTRO CAST Pvt. LIMITED, ENIKEPADU, VIJAYAWADA" for B.Tech III Semester B students on 14th December 2022. Mr.S.Rami Reddy & Mr. S.Uma Maheswara Reddy coordinated the event.

Students are at the premises of Prakasa Spectro castings

Students watching the drilling operations at the Machine shop

GUEST LECTURES

- 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.

Presentation by Dr.A.Arockia Rajan, Professor, IIT Madras

Dr.A.Arockia Rajan, IIT Madras during interactive session with students

- 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.

Presentation by Mr.S.Anand on Thermal Power Generation

Felicitation to Mr.S.Anand by coordinator Dr.P.Ravindra Kumar

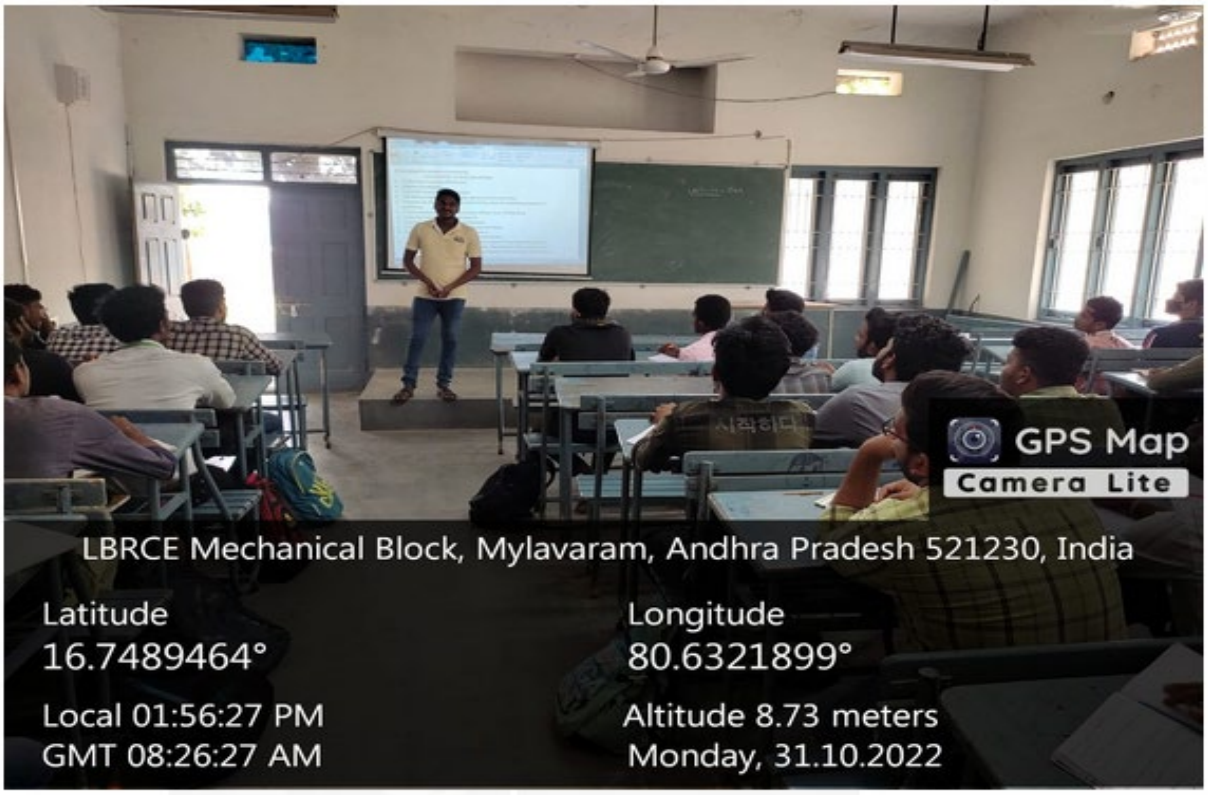
ALUMNI INTERACTIONS

- The following are the list of alumni interactions organized by the department.

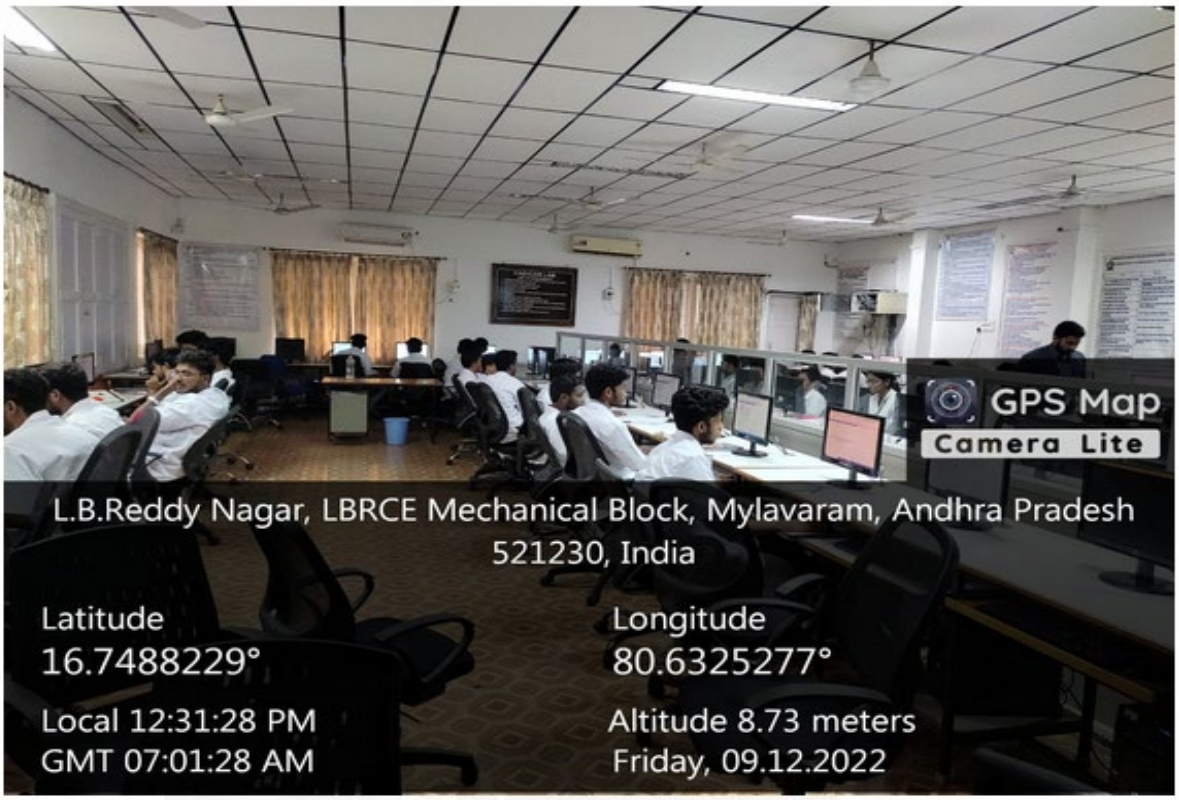
Name of the Alumni Visited	Roll Number	Date
Yericherla Sujan	18761A0355	14.10.2022
A.Navya Reddy	18761A03B1	28.10.2022
Kolluru Aparna	18761A0325	28.10.2022
Kella Sai Prakash	19765A0307	31.10.2022
Sk.Faraz Hussain	18761A03F7	19.11.2022
Ch.Hemanth Sai	18761A03C0	09.12.2022

Y.Sujan (18761A0355) interacting with students on 14.10.2022

A.Navya Reddy (18761A03B1) interacting with students on 28.10.2022



K.Sai Prakash (19765A0307) interacting with final year students on 31.10.2022



Ch.Hemanth Venkata Sai (18761A03C0) interacting with students on 09.12.2022

COLLABORATIONS / LINKAGES

Name of the Faculty	Name of the Researcher	Name of the Institute	Duration
Dr.K.Murahari	**Dr. K. Krishna Kishore**	**SVNIT Surat**	**4 Years (upto June 2025)**

SUMMARY OF COLLOQUIMS ORGANIZED

S. No	Name of The Faculty	Name of the Topic	Date
1.	J. Subba Reddy	Introduction to Robotics and applications in manufacturing sector	13.10.2022
2.	Dr.V.Dhana Raju	Design And Fabrication of an Electricity Generation System Using Solar Panels And Waste Materials	27.10.2022
3.	Dr.K.Murahari	Design and Fabrication of Low Melting Materials With Induction Process	15.11.2022
4.	Dr.M.B.S.Sreekara Reddy	Multi Objective Optimization of Flexible Job Shop Scheduling Problems Using Heuristic Algorithm	28.11.2022
5.	B.Sudheer Kumar	Fabrication of Fused Deposition Modeling (FDM) Double Nozzle 3D Printer	15.12.2022
6.	S.Srinivasa Reddy (Jr)	Fabrication Of Solar Based Multipurpose Agriculture Vehicle	28.12.2022

FDP's/STTP's/STC's/WORKSHOP's ATTENDED BY FACULTY

1. Dr.P.Vijay Kumar, has participated in a faculty development programon "Phase change materials for thermal energy storage" organized by VRSEC Kanur, Vijayawada from 8-9th December, 2022.
2. Dr.Murahari Kolli, has participated in a faculty development programon"Additive Manufacturing and Materials Processing" organised by SVNIT Surat,Gujarat from 17-21 December 2022 and "Battery Technology for E-Mobility, Metal Additive Manufacturing (MAM)" organized by IIT Bombay, NIT Jalandhar from 28 Nov to 2 Dec 2022, 12 to 17th Dec 2022.
3. Dr.V.Dhana Raju, has participated in a faculty development programon"Innovations in Mechanical Engineering" organized by VVIT Nambur from 26-30 December 2022.

4. B.Sudheer Kumar, has participated in a faculty development program on"Innovations in Mechanical Engineering" organized by VVIT Nambur from 26-12-2022 to 30-12-2022 and "21st Century Skills and Teaching Methodologies" organised by APSCHE in association with CEMCA and Andhra Loyola College (A) Vijayawada from 19-12-2022 to 22-12-2022
5. B.Udaya Lakshmi, has participated in a faculty development program on "Recent Advances in Science and Engineering" organized by Regional College of Education Research and Technology Jaipur from 26-30 December 2022.
6. K.Karthik and B.UdayaLakshmi, has participated in a faculty development program on "Innovations in Mechanical Engineering" organized by VVIT Nambur from 26-30 December 2022.
7. B.Kamala Priya, has participated in a faculty development program on"Hybrid Electric Vehicles" organized by GMR Rajam &VRSEC-Kanuru, from 21-11-22 to 25-11-22
8. Mr.Ch.Siva Sankara Babu, has participated in a faculty development program on"Digital Manufacturing technology" organized by PVPSIT, Vijayawada from 14-11-22 to 25-11-22
9. A.Pratyush, has participated in a faculty development program on "Thermal Science and Material Engineering" organized by SRIT from 7-11-22 to 11-11-22.
10. A.Pratyush, has participated in a faculty development program on "Hybrid electric vehicles" organized by GMRIT from 21-11-22 to 25-11-22.

WEBINARS ATTENDED BY FACULTY

1. Mr.K.Sai Babu, has participated in a webinaron "Women & Environment: Issues & Challenges organised by Acharya Nagarjuna University Guntur, A.P., India on 15-10-2022

FACULTY ACHIEVEMENTS

HIGHER STUDIES

- Jonnala Subba Reddy got full time Ph.D admission in Department of Mechanical Engineering IIT, Tirupati in December 2022.

PATENTS PUBLISHED

Name of the Inventors	Patent Number	Title of the Patent	Agency	Date of Published
Ramya M Dr. Vishal Mehta Dr. Deepa Sharma Preethi Vasanthakumar Tekle Leza Dr. Piyush Thakur Kumud Tanwar Dr. Swati Jha Karthi K **Jonnala Subba Reddy** Dr Vishnu Kiran Manam Dr.ThimmaiahBayavandaChinnappa	202241052856	Machine Learning based approach to analyse the Characteristics of Various Nano Materials and their impact in Improving Agricultural Yield	IPR India	07.10.2022
Dr.S.Sathees Kumar Dr.Shashishankar.A Dr. S. Sheeju Selva Roji Dr.Katakam Satyanarayana Mrs Manepalli.Sailaja Mr. Ankush BalajiraoKhansole Mr. Chandresh M. P. Dr. R. Meenakshi Reddy Mr. Sakthi **Mr.Kolagotla Venkateswara Reddy** Mohammad Shabaz, TulalaRajasanthosh Kumar	202241062488	Thermal Analysis of Polymer-Modified Road Bitumens	IPR	11.11.2022

NPTEL ONLINE CERTIFICATIONS

- The following are the details of faculty completed the NPTEL online courses during 2022-23.

S.No.	Name of the Faculty	Title of the course	Grade
1.	Vallapudi Dhana Raju	Accreditation And Outcome Based Learning	Elite+Silver

2.	Dr.P.Ravindra Kumar	Technologies For Clean And Renewable Energy Production	Elite+Silver
3.	M B S Sreekara Reddy	Problem Solving Through Programming In C	Elite+Silver
4.	Jonnala Subba Reddy	Automation in Manufacturing	Elite+Silver
5.	Jonnala Subba Reddy	Engineering Metrology	Elite + Silver
6.	Jonnala Subba Reddy	Training Of Trainers	Elite
7.	Jonnala Subba Reddy	Managerial Skills for Interpersonal Dynamics	Elite
8.	Jonnala Subba Reddy	Welding Application Technology	Elite
9.	Dhanunjay Kumar Ammisetti	Business Analytics & Text Mining Modeling Using Python	Elite+Silver
10.	Dr Siva Sankara Babu Chinka	Python for Data Science	Elite
11.	A Pratyush	Accreditation And Outcome Based Learning	Successfully completed
12.	Jonnala Subba Reddy	Project Management	Successfully completed
13.	Kolahalam Sai Babu	Power Plant Engineering	Successfully completed
14.	A Nageswara Rao	Production Technology: Theory And Practice	Successfully completed

- **Dr.P.Ravindra Kumar** got **TOPPER of 5%** in "Technologies for Clean and Renewable Energy Production" course with Elite + Silver grade.
- **Mr.J.Subba Reddy** received "**NPTEL Believer**" award from July - Dec 2022.
- **Mr.J.Subba Reddy** received "**NPTEL discipline**" star award during July - Dec 2022.
- **Mr.J.Subba Reddy** received "**NPTEL Enthusiasts**" star award during July - Dec 2022.

STUDENT ACHIEVEMENTS

STUDENTS PLACEMENTS

S.No.	Name of the student	Roll No	Name of the company	Annual package
1.	Timmasarthy Rohith Vijay Sai	20765A0313	Accenture	4.5 Lakhs
2.	Galam Krupa Sagar	19761A0311	CTS	4 Lakhs

3.	Kuppireddy Venkateswara Reddy	19761A0323	CTS	4 Lakhs
4.	Alamuri Naga Sai Shyam Sundar	19761A0349	CTS	4 Lakhs
5.	Ch.Raviteja	20765A0302	CTS	4 Lakhs
6.	Divvela Gowtham	20765A0303	CTS	4 Lakhs
7.	Kanithi Sri Sathya Siva Krishna Bhima Raju	20765A0304	CTS	4 Lakhs
8.	Nalliboyina Venu	20765A0309	CTS	4 Lakhs
9.	Vipparla Maneesh	20765A0319	CTS	4 Lakhs
10.	Shaik Hameed	20765A0326	CTS	4 Lakhs
11.	Ravi Krishna Chaitanya Reddy	20765A0341	CTS	4 Lakhs
12.	Abdul Chan Basha	20765A0316	CTS GEN C (IT PAT)	4 Lakhs
13.	Thati Venkatesh	20765A0312	CTS GEN C (IT PAT)	4 Lakhs
14.	Maneesh Vipparla	20765A0315	TCS NINJA	3.6 Lakhs
15.	Sunil Karuturi	19761A0318	TCS NINJA	3.6 Lakhs
16.	Hardhik Kamatham	19761A03B6	TCS NINJA	3.6 Lakhs
17.	Lohinadh Kola	20765A0306	TCS NINJA	3.6 Lakhs
18.	Hameed Shaik	20765A0326	TCS NINJA	3.6 Lakhs
19.	Pagadala Teja	19761A03D1	TCS NINJA	3.6 Lakhs
20.	Chan Basha Abdul	20765A0316	TCS NINJA	3.6 Lakhs
21.	Timmasarthy Rohith Vijay Sai	20765A0313	Kodnest	4 Lakhs

STUDENTS QUALIFIED IN COMPETITIVE EXAMINATION

S. No.	Name of the student	Roll No	Qualified Exam	Qualified exam Hall Ticket No.	Score
1.	Abdul chan basha	20765A0316	GRE	-	323
2.	Abdul chan basha	20765A0316	Duolingo	-	105

3.	M.Bhanu Shankar	20765A0323	GRE	-	319
4.	A.Ajay	19761A0350	GRE	1590419	314
5.	T.Sai Pavan	19761A0387	GRE	1591744	322
6.	N C M Sai	19761A0370	GRE	1591734	323

NPTEL ONLINE CERTIFICATIONS

Topper in NPTEL

Name of the Student	Regd. No.	Name of the Course	Grade	Details
Guti Umaram	21765A0308	Rapid Manufacturing	Elite + Silver 77%	**Top 5%**

- The following are the details of students completed the NPTEL online courses during July– Oct 2022.

S. No	Name of the Student	Roll No	Name of the Course	Grade
1.	Akuthota Gopi chand	20761A0301	The Joy of Computing using Python	Elite
2.	Battula Siva Sankar	20761A0305	The Joy of Computing using Python	Elite + Silver
3.	Revanth Kumar Bazaru	20761A0306	The Joy of Computing using Python	Successfully completed
4.	Chalamala Mohan	20761A0308	The Joy of Computing using Python	Elite
5.	Dasari Akash	20761A0311	The Joy of Computing using Python	Elite
6.	Dodda Venkatesh	20761A0314	The Joy of Computing using Python	Elite
7.	Metlapalli Jagadeesh Vara Prasad	20761A0330	The Joy of Computing using Python	Elite
8.	Muppiri Nithin Srinivas	20761A0331	The Joy of Computing using Python	Elite
9.	Mohan Vamsi Narra	20761A0334	The Joy of Computing using Python	Elite + Silver
10.	Shanmukh Patnala	20761A0337	The Joy of Computing using Python	Elite
11.	Vajrapu Madhu	20761A0345	The Joy of Computing using Python	Elite

12.	Voona Prasannasai	20761A0347	The Joy of Computing using Python	Elite
13.	A Geetheswar Reddy	20761A0348	The Joy of Computing using Python	Elite
14.	Dokku Siri Venkata Naga Gopi	20761A0358	The Joy of Computing using Python	Elite + Silver
15.	HindusthaniKhajaShareef	20761A0360	The Joy of Computing using Python	Elite + Silver
16.	Kalasani Naveen Kumar	20761A0361	The Joy of Computing using Python	Elite
17.	Kalasani Upendra	20761A0362	Data Structure And Algorithms Using Java	Successfully completed
18.	Maddireddy Rajasekhar Reddy	20761A0365	Introduction to Machine Learning	Successfully completed
19.	P Sonu Raju	20761A0380	The Joy of Computing using Python	Elite
20.	Ponna Likhith Kumar	20761A0382	The Joy of Computing using Python	Elite + Silver
21.	Redrouthu Venkanna	20761A0384	The Joy of Computing using Python	Elite
22.	SeelamJagadhish Reddy	20761A0385	The Joy of Computing using Python	Elite
23.	Tungala Mohanranga srinivas	20761A0397	Programming In Java	Elite
24.	Ummadisetti Tejaswi	20761A0398	The Joy of Computing using Python	Elite
25.	Alla Sreethi Varalakshmi	21765A0301	The Joy of Computing using Python	Elite
26.	Appikatla Jaswanth Ram	21765A0302	The Joy of Computing using Python	Elite + Silver
27.	Buddarapu Bhargav	21765A0304	The Joy of Computing using Python	Elite + Silver
28.	Gampa Siva Prasad	21765A0306	The Joy of Computing using Python	Elite + Silver
29.	Guti Umaram	21765A0308	Rapid Manufacturing	Elite + Silver
30.	Pragada Eswar	21765A0310	The Joy of Computing using Python	Elite
31.	Timmasarti Raj Kumar	21765A0316	The Joy of Computing using Python	Successfully completed

32.	Vempati Dinesh Kumar	21765A0318	The Joy of Computing using Python	Elite
33.	Vempati Dinesh Kumar	21765A0318	Introduction to Engineering Seismology	Successfully completed
34.	Yaragani Charan Deep	21765A0319	The Joy of Computing using Python	Elite + Silver
35.	Adla Raju	21765A0320	The Joy of Computing using Python	Elite
36.	Devarakonda Vamsi	21765A0323	The Joy of Computing using Python	Elite
37.	Gurugubelli Jitendra	21765A0324	The Joy of Computing using Python	Elite
38.	Ketham Gopikrishna	21765A0325	The Joy of Computing using Python	Elite
39.	L Pradeep	21765A0326	The Joy of Computing using Python	Elite
40.	MugadaVara Prasad	21765A0328	The Joy of Computing using Python	Elite
41.	Nandikanuma Vijay Kalyan	21765A0329	The Joy of Computing using Python	Elite
42.	Prathipati Rajkumar	21765A0332	The Joy of Computing using Python	Elite
43.	Sappa DurgaRao	21765A0333	Problem Solving Through Programming In C	Elite
44.	Sappa DurgaRao	21765A0333	The Joy of Computing using Python	Elite + Silver
45.	Shaik Mohammed Sadiq	21765A0334	The Joy of Computing using Python	Elite

CO-CURRICULAR ACTIVITIES

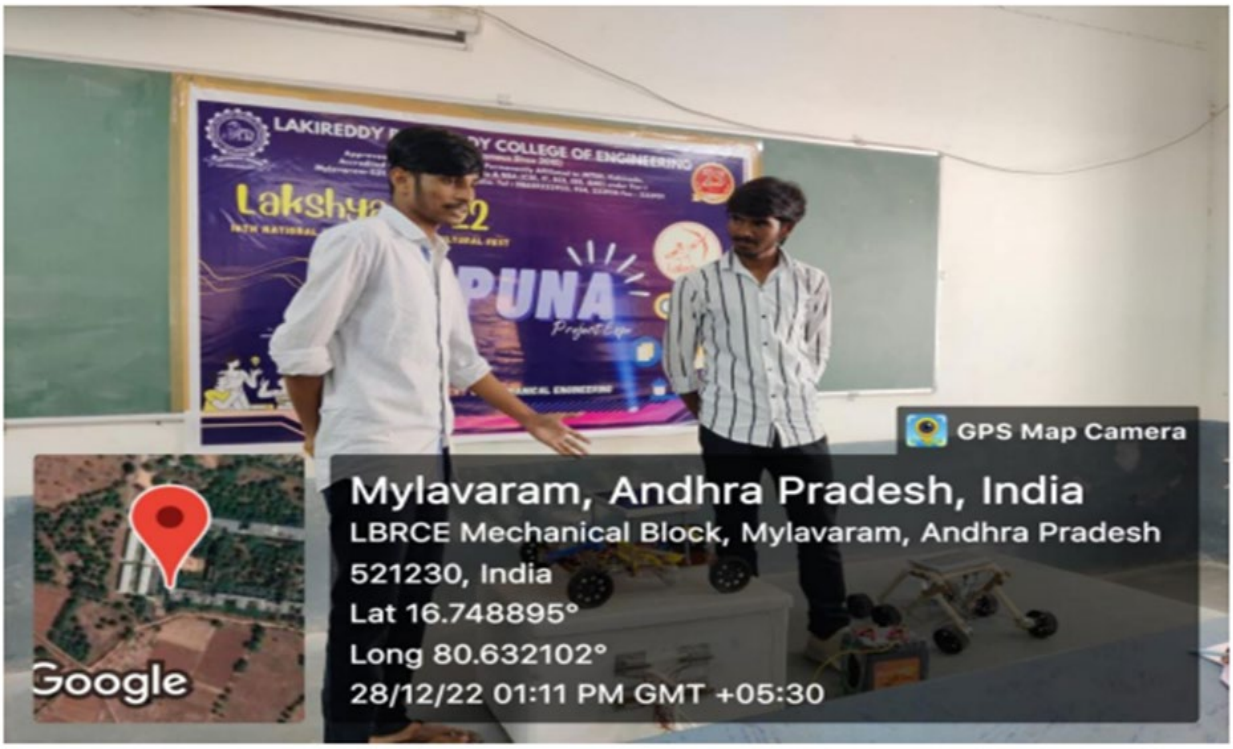
Name of the event	Roll Number	Name of the Student	Prize	Name of the Organization & Place	Date
Srujana (Paper presentation)	20765A0342	Sk.Sadhik	II Prize	LBRCE,	28.12.2022
	19761A03B6	K.Hardhik			
Pragna (Poster presentation)	20765A0337	K.Venkatesh	I Prize		
	20765A0308	L.Yeswanth			
	20765A0320	K.S.D.Prasad	II Prize		

Medha (Technical Quiz)	18765A0323	K.Siva Shankar		Mylavaram	
	22765A0330	A.S.V.N.V.Vardhan	III Prize		
	22765A0340	K.V.S.Yeshwanth Kumar			
Nipuna (Project Expo)	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/-	JNTUK, Kakinada	27.12.2022 & 28.12.2022

LAKSHYA-2022 NATIONAL TECHNICAL SYMPOSIUM

- Department of Mechanical Engineering students participated in Lakshya 2022 a National level technical symposium on 28.12.2022 organized by Lakireddy Bali Reddy College of Engineering, Mylavaram.

Students are participated in PRAGNA (poster presentation) competition



Students are participated in NIPUNA (Project Expo) competition

Students participation in SRUJANA (Paper presentation) competition

Students participation in MEDHA (Quiz) competition

- The Mechanical Engineering third year students Mr.A.Geetheswara Reddy (20761A0348), Mr. A.Bala Yaswanth Sai Reddy (20761A0351), and Mr. A Venkata Rajendra (20761A0352) participated with "Design and Fabrication of Indoor Air Purifier" project model in JNTUK Kakinada Innovation Fair on 27 & 28 December 2022 and received second prize (Rs.15000/-) by honorable Vice Chancellor Prof.G.V.R Prasada Raju, Prof.L.Sumalatha, Registrar, Prof.A.Gopala Krishna, Director, Design Innovation center of JNTUK Kakinada.

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

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

Students with “Indoor Air Purifier” project model in JNTUK Kakinada Innovation Fair

Appreciation by Dr.K.Appa Rao Principal, Dr.M.Srinivasa Rao Dean Academics, Dr.S.Pichi Reddy HoD, ME, etc.

CULTURAL ACTIVITIES

- The students of P.Nagendra Durga Pradeep (19761A03D4), R.Sundara Rao (19761A03D6), V.Ganesh Varma (19761A03D8), S.Sivaram (20761A0339), M.Sumanth (20761A0329) got second prize in group dance (western) in Lakshya 2022 organized by Lakireddy Bali Reddy College of Engineering, Mylavaram on 28.12.2022.

WESTERN DANCE PERFOMANCE BY PRADEEP AND GROUP IV YEAR STUDENTS

NSS/NCC/OTHER PRIZES

- **Mr.** D.Gowtham (20765A0303) got first prize in PPT presentation competition on Dr.A.P.J Abdul Kalam 91st Birth Anniversary organized by Lakireddy Bali Reddy College of Engineering, Mylavram on 15.10.2022.

D.Gowtham received I Prize in PPT Presentation on the occasion of Dr.A.P.J Abdul Kalam 91st Birth Anniversary on 15.10.2022

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

K.Praveen received APSCHE Excellence award from Prof.K.Hema Chandra Reddy

- **Mr.** B.Vijay Varma (21761A0333) got first prize in painting competition on National Unity Day organized by Lakireddy Bali Reddy College of Engineering, Mylavaram on 31.10.2022.

B.Viay Varma received I prize from principal Dr.K.Appa Rao

ACKNOWLEDGEMENTS

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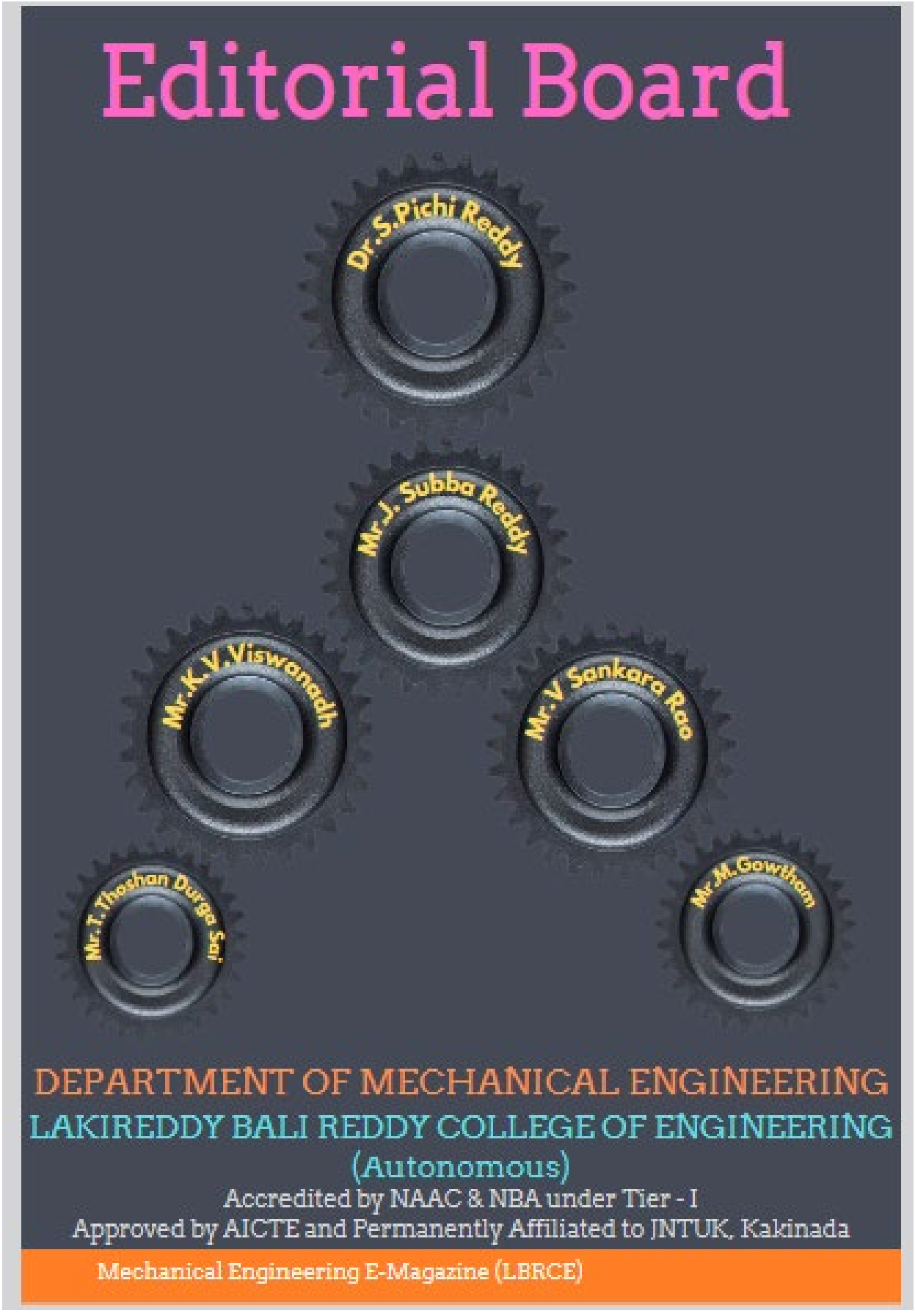
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