

MECHANURGY

(MECHANICAL E-NEWS LETTER AUGUST 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

Mylavaram - 521 230, NTR Dt., AP, India

MONTHLY REPORT**Month:** August 2022**Name of the Department:** Mechanical Engineering

Professors			Associate Professors			Assistant Professors			Permanent Faculty			PhDs			Ph.D Pursuing
M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
6	0	6	6	0	6	21	4	25	33	4	37	10	0	10	17

Visiting/Adjunct faculty	Newly joined faculty	Faculty left	Faculty promotions	Faculty Registered for Ph.D	Ph.D awarded / Thesis submitted
1	0	1	1	0	0

No. of Non Teaching Staff

Lab Technician	Lab Helper	Fitter	Library Assistant	Attender	T	M	F	No. of newly joined NT staff
6	2	3	1	1	13	12	1	0

1. Events conducted by the department

Event Type	Number
Conferences	0
FDPs/STTPs	0
Staff Colloquiums	2
Workshops	0
Certification programs	0
Seminar	0
Webinar	0
Guest Lectures	0
Industrial Visits	0
Administrative/Training Programs organized for supporting staff	0
Technical Club Activities	0
Student Chapter/ Professional Society activities	0
Cultural Activities	0
Alumni Interactions	0
GATE Classes	0

2. Interaction with outside world by faculty

Event Type	Number of Faculty
Acted as Resource Persons / Session Chair / BoS members/Guest lecture etc. (External)	0
Faculty attended International / National Conferences (External)	0
Online/ face-to-face FDPs (External)	4
STTPs & STCs attended	0
Webinar's attended	14
Workshops attended (External)	1
Certification Programs –NPTEL/Swayam	0
Certification Programs -Coursera	0
Certification Programs –Any other (Blended Learning, Seminar)	0

3. Faculty Publications & Research Mobilization

Journals		Conferences		Patents Published	Patents Granted	Books/Conference proceedings	Collaborations/ Linkages
National	Int.	National	Int.				
0	1	0	0	1	0	0	1

No. of Research Grants received	Amount	No. of Grants received	Amount	Proposals Submitted	No. of Staff Colloquium	Revenue generated from consultancy	Awards/ Recognitions
0	0	0	0	0	2	0	0

4. Faculty Recognitions and Achievements:**5. MoUs with institutions of national, international importance, other universities, industries, corporate houses etc.**

Organization with which MoU is signed	Institution/ Industry/ Corporate house	Year of signing MoU	Duration	Activities under MOU	Number of students/teachers participated under MoUs
0	0	0	0	0	0

6. Students' Activities and Participation**a) Co-Curricular Activities**

Activity	No. of Students Participated				Total
	I Year	II Year	III Year	IV Year	
Technical Symposia					-
Workshops					-
Certification Programs –NPTEL (Completed)					-
Certification Programs –Coursera (Completed)					-
Certification Programs –Any other (Completed)					-
In-House GATE Classes					-
Conferences/Seminars					-
Student Chapter/Societies activities					-
Technical Club Activities					-
CIIE Activities					-

b) Extra-Curricular/Cultural Activities

Activity	No. of Students Participated				Total
	I Year	II Year	III Year	IV Year	
Extra-curricular activities (Sports & Games)					-
Cultural activities/Competitions					-
Yoga Competitions					-
Gym Competitions					-

c) Extension Activities

Activity	No. of Students Participated				Total
	I Year	II Year	III Year	IV Year	
Extension Activities (NSS)					-
Extension Activities (NCC)					-

7. Students' Achievements/Recognitions

Student Publications

Journals		Conferences	
National	Int.	National	Int.
0	0	0	0

Activity	No. of Students				Total
	Male		Female		
Placements					-
	I Year	II Year	III Year	IV Year	Total
GATE/CAT/GRE/TOEFL/PGCET etc.					-
Co-curricular activities					-
CIIE-Innovations					-
Extra-curricular activities					-
Cultural activities					-
Yoga					-
Gym					-
Extension Activities					-
CIIE-Innovations/Start-ups					-
Any other					-

8. New equipment / software purchased : Nil

9. Total Lab cost : 2,79,33,241/-

10. Advanced Lab Utilization : Nil

Name of the Advanced Lab	No. of Mini Projects	No. of Students	No. of Main Projects	No. of Students	No. of Certification Programmes Conducted	No. of Students Participated	PHD Pursuing	Patent Publications	Placements
Cognitive Science center	-		-		-			-	-
Dassault systems lab	-		-		-			-	-
R&D Lab	-		-		-			-	-
RET Lab	-		-		-			-	-

Whether the website is Updated (YES/NO) : Yes

Dept. Coordinator
(Mr.V.Sankararao)

Head of the Department
(Dr.S.Pichi Reddy)

ENCLOSURES:**Faculty Left:**

Name of the Faculty	Designation	Date of Relieving
Mr.K.Srinivasa Rao	Assistant Professor	02.08.2022

Faculty Promotions:

Name of the Faculty	Previous Designation	New Designation	W.E.F
Mr.A.Dhanunjay Kumar	Assistant Professor	Sr. Assistant Professor	01.07.2022

Staff Colloquiums:

Name of the Faculty	Name of the Topic	Date
Dr.P.Vijay Kumar	Experimental investigation on cylindrical lithium-ion battery Pack thermal management system using TIO2 Nano fluid coolant	09.08.2022
Dr.P.Ravindra Kumar	Fabrication of solar driven thermoelectric refrigerator using Peltier Effect	25.08.2022

1. Interaction with outside world:**Online/ face-to-face FDPs attended (External)**

Name of the Faculty	Name of the FDP	Institute/Organization	Address	Duration in days	Dates
Dr.Murahari Kolli	Design, Fabrication and Applications of Microsystems and Microfluidics	NITK, Suratkal	Karnataka	5	12 - 16 Aug 2022
Jonnala Subba Reddy	Futuristic Research in Mechanical Engineering	SRM Institute of Science and Technology	Chennai	6	08th to 13th Aug 2022
Dr.Ch.Siva Sankara Babu	Research, Publication and Patent in Humanities and Sciences	SRM Institute of Science and Technology	Chennai	8	22-30 Aug 2022
S.Rami Reddy	Design, Fabrication and Applications of Microsystems and Microfluidics	.NITK,Suratkal	Karnataka	5	12-8-22 to 16-8-22

Workshop:

Name of the Faculty	Name of the Program	Institute/Organization	Address	Duration in days	Date
Dr.P.Vijay Kumar	Good management practices of passive cooling designs for thermal comfort and energy savings in construction industry	CIDC	New Delhi	1	26.08.2022

Webinars:

Name of the Faculty	Name of the Program	Institute/Organization	Address	Duration in days	Date
Dr.P.Vijay Kumar	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
Jonnala Subba Reddy	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
Dr.V.Dhana Raju	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
Dr.M.B.S.Sreekara Reddy	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
S.Srinivasa Reddy	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
B.Sudheer Kumar	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
S.Srinivasa Reddy (Jr)	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
S.Rami Reddy	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
K.Lakshmi Prasad	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
V.Sankararao	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022

B.Udaya Lakshmi	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
K.Venkateswara Reddy	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
K.Sai Babu	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022
A J S A V Vara Prasad	Expert talk on IPR	IQAC, LBRCE	Mylavaram	1	08.08.2022

2. Faculty Publications & Research Mobilization

Publications:

Name of the Authors	Title of the publication	Name of the Journal	ISSN No.	Month & Year
B.Nikhil Chakravarthy, Dr.P.Vijaya Kumar, Dr.V.Dhana Raju, Dr. R.Senthil, Dr.K.Appa Rao	Evaluation of performance, emissions and combustion attributes of diesel engine powered by Palmyra biodiesel blends with distinct injection pressures and EGR rates	International Journal of Ambient Energy (Taylor & Francis)	0143-0750	28-08-2022

Patents:

Name of the Inventors	Title of the patent	Application/Publication No.	Agency
Jonnala Subba Reddy	A smart robot to manage and Monitor the Covid 19 patients along with treating them by reducing the burden on medical practitioner	202241046505	IPR

Collaborations:

Linkages:

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

Faculty Ph.D Thesis Submitted:

Name of the Faculty	Designation	Submitted University, Place	Date of Submission
Mr.B.Sudheer Kumar	Sr. Asst. Professor	Andhra University, Visakhapatnam	04.08.2022

