

MECHANURGY

(MECHANICAL E-NEWS LETTER JULY 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:** July 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	3	0	1

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	1
Staff Colloquiums	2
Workshops	1
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)	10
STTPs & STCs attended	0
Webinar's attended	0
Workshops attended (External)	0
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	1	3	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)

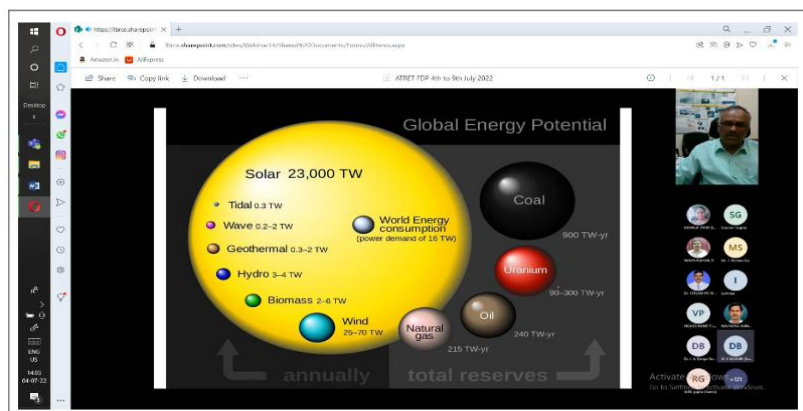
Head of the Department
(Dr.S.Pichi Reddy)

ENCLOSURES:**Faculty Promotions:**

Name of the Faculty	Previous Designation	New Designation	W.E.F
Mr. K.Lakshmi Prasad	Assistant Professor	Sr. Assistant Professor	01.06.2022
Mr. V.Sankararao	Assistant Professor	Sr. Assistant Professor	01.06.2022
Mr. D.Mallikharjuna Rao	Assistant Professor	Sr. Assistant Professor	01.06.2022

Events Organized by Department:**Online FDP:**

Title of the event	Name(s) of the Resource Person	Resource Person Institute & Place	Duration (from-to)	No. of Beneficiary Faculty
Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)	1.Dr.K.Srinivas Reddy, 2.Dr.P.Karthik, 3.Dr.R.Parameshwaran, 4.Dr.T.Srinivas, 5.Dr.S.Kalaiselvam, 6.Dr.P.Thirumal, 7.Dr.Rajesh Baby, 8.Dr.R.Senthil	1.Professor, IIT, Madras, 2.Elesevier, Canada, 3.The University of Tokyo, Japan, 4.NIT,Jalandher, 5.Anna University, Chennai, 6.Govt.Engg College, Bargur, T.N, 7.SJCET, Palai, Kerala, 8. SRMIST, Chennai	04-07-2022 to 09-07-2022	354 Faculty

Photographs:**Lakireddy Bali Reddy College of Engineering- MED Online FDP: 4-07-2022 to 9-07-2022**

Day-1: 04-07-2022, Session-1, Prof.K.Srinivas Reddy, IIT Madras



Day-4: 7-07-2022, Session-1, Dr.R.Parameshwaran, JSPS Postdoctoral Researcher, The University of Tokyo, JAPAN

Student Workshop:

Title of the event	Name(s) of the Resource Person	Resource Person Institute & Place	Duration (from-to)	No. of Beneficiary Students
One week workshop on Python Programming	Mrs. Kamatham Veera Vanitha, Trainer and Developer Mrs. M.Ruthumma, Trainer and Developer	APSSDC, Vijayawada	18-07-22 to 21-07-22 & 27-07-22 to 28-07-22 (One week)	64

Staff Colloquiums:

Name of the Faculty	Name of the Topic	Date
Dr.S.Pichi Reddy	Charecterization of Hybrid Fiber Reinforced Composites	11.07.2022
Dr.P.V.Chandra Sekhar Rao	Enhancing the performance of automobile radiator by using Al ₂ O ₃ & cuo Nano fluid as coolant	22.07.2022

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.P.Vijay Kumar	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
Dr.P.Ravindra Kumar	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
Dr.M.B.S.Sreekara Reddy	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022

S.Srinivasa Reddy	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
Jonnala Subba Reddy	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
Dr.Ch.Siva Sankara Babu	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
S.Rami Reddy	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
B.Udaya Lakshmi	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
S.Uma Maheswara Reddy	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022
A.Pratyush	One Week Online FDP on “Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)”	LBRCE	Mylavaram	6	04/07/2022 to 09/07/2022

2. Faculty Publications & Research Mobilization

Publications:

Name of the Authors	Title of the publication	Name of the Journal	ISSN No.	Month & Year
P.Venkataramana, Dr.P.Vijaya	Experimental Investigation of Aluminum oxide Nanofluid on Closed loop Pulsating	Journal of Applied Fluid Mechanics	1735-3572	30th July

Kumar, Dr.B.Balakrishna	Heat Pipe Performance		/1735-3645	2022
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Conferences:

Name of the Authors	Title of the paper	Name of the Conference	Duration	Organizing Institute
A.Pratyush	Experimental assessment of liquid suction heat exchanger using with vapour compression refrigeration sysytem by the application of twisted strip inserted condenser	International conference on advances in energy research	7 - 9 july 2022	IIT Bombay

Patents:

Name of the Inventors	Title of the patent	Application/Publication No.	Agency
Jonnala Subba Reddy	Machine Learning based prediction of recommended song selections based on the people mindset using the dataset of age and emotional words using deep learning algorithm	202241038948	IPR
	A Smart and Handy Cleanser for Fabrics	202241042605	
	Hygiene Robotic-based Agricultural Practices to Maintain the Crops from inferring their growth with Unwanted plants and weeds by avoiding Nutrition Sharing	202241042295	

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)