



LAKIREDDYBALIREDDYCOLLEGE OFENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade & NBA (CSE, IT, ECE, EEE and ME Under Tier -I) An ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada

L.B.REDDY NAGAR, MYLAVARAM, NTR DIST., A.P.-521230.

FACULTY PROFILE



Name : **Dr.P.Vijaya Kumar**

Designation : Professor

Department : Mechanical Engineering

Areas of Research : Thermal energy storage using PCMs, Electrochemical storage, Simulation and experimental studies, Heat transfer and battery cooling in Electric vehicles, Heat pipes, Micro channels, CFD simulations.

Email ID : pvkumar@lbrce.ac.in, pvk.lbrce@gmail.com

Phone Number: +91 9490817851, +91 9381245195

Academic Qualifications:

- **Ph.D in Energy Systems**
 - Jawaharlal Nehru Technological University Anantapur, Anantapur 2012
- **M.Tech in Energy Systems**
 - Jawaharlal Nehru Technological University, Hyderabad 2003.
- **B.Tech in Mechanical Engineering**
 - G.Pulla Reddy Engineering College, Kurnool, Sri Kishnadevaraya University Anantapur 1995.

Professional Experience: 22+Years

Designation	From	To	Organization
Professor	July, 2011	Till Date	Lakireddy Bali Reddy College of Engineering(A), Mylavaram
Associate Professor	August, 2007	July, 2011	Madanapalle Institute of Technology and Science, Madanapalle
Associate Professor	December, 2006	August, 2007	TRR College of Engineering, Patancheru, Hyderabad
Lecturer	March 2001	December, 2006	Jawaharlal Nehru Technological University College of Engineering(A), Anantapur
Quality Control Engineer	June 1995	December 2000	M/s. Madhu Engineering works, 10, IDA Uppal, Hyderabad

Subjects Handled:

Academic Year	ODD Semester/s	EVEN Semester/s
2023-24	Automobile Engineering	Heat Transfer
2022-23	Internal combustion engines	Applied Thermodynamics
2021-22	Thermodynamics	UHV- 2 understanding harmony

Research Profile:

➤ Publications

Journals	Conferences	Books/ Chapters	Patents (Granted/ Published)	Projects/Grants Received
40	14	03	02	Projects-02, completed (i) AICTE PRERANA - 4.8 Lakhs (ii) AICTE ATAL FDP - 1.0 lakh

➤ Publications Verification Links

S.No.	Profile	Link
1.	Google Scholar	https://scholar.google.com/citations?user=RXVXKZwAAAAJ&hl=en&authuser=1
2.	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57211484828
3.	Vidwan	https://vidwan.inflibnet.ac.in/profile/340368
4.	ORCiD	https://orcid.org/0000-0002-7820-5351
5.	Research Gate	https://www.researchgate.net/profile/Vijaya-Kumar-Perumalla-2
6.	Researcher ID	0-8953-2015

➤ **Supervision/Guidance:**

Category	Number of Students/Scholars		
Ph.D.	Status	Total Count	University
	Awarded	01	JNTUK, Kakinada
	Pursuing	01	JNTUK, Kakinada
M.Tech	16		
B.Tech	29		

Professional Activities:

Category	Details	
No. of FDPs, Workshops, Webinars, etc. Organized (Coordinator, Convener, etc.)	18	
No. of FDPs, Workshops, Webinars, etc. Attended	30	
Certifications Completed	NPTEL	12
	Online Certifications	15
	Global Certifications	---
Professional Body Memberships	Name	Membership ID
	Life Member of Institution of Engineers (MIE)	M-1546168
	Life member Indian Society for Technical Education (ISTE)	LM-70333
	International Association of Engineers (IAENG)	162266
	Member, Solar energy society of India (SESI)	IM/798/2020
	Reviewer for Taylor & Francis-International Journal of Ambient Energy (SCOPUS)	
	Reviewer-International Journal of Thermal Engineering (SCOPUS)	

Administrative Roles:

- **Convener, SC/ST Committee of LBRCE(Central) Since June 2018**
- **Co-ordinator for Academic Audit(Central)**
- **Coordinator, ISHRAE student chapter in the Department(Since March 2019)**
- **M.Tech-Coordinator(from December 2014 to till date)**
- **Co-ordinator for Industry visits (from December 2014 to till date)**
- **Co-ordinator for MoUs (from December 2014 to till date)**
- **Co-ordinator for Thermal Module Co-ordination Committee (from December 2014 to till date)**
- **Co-ordinator for calendar of events (from December 2014 to till date)**
- **Co-ordinator for Discipline duties (from December 2014 to till date)**
- **Member in BoS, DAC & PAC(Since2014)**

sd/-

(Dr.P.Vijaya Kumar)