



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(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.-521 230.**

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FACULTY PROFILE



Name : Dr. M.UmaVani

Designation : Professor

Department : EEE

Areas of Research : Power Quality studies, Artificial Intelligence / Signal Processing /ML applications to Electric Vehicles/Micro-Grid / Smart Grid / DG Technologies

Email ID : umamarreddy@lbrce.ac.in

Phone Number : +91 9542986377

Academic Qualifications:

- Ph.D., Electrical Engineering, JNTU Hyderabad, India, January 2012.
- M.Tech., Power Systems Engineering, REC-Warangal, Kakatiya University, India, 2002.
- B.Tech., Electrical & Electronics Engineering, V R Siddhartha Engineering College, Vijayawada, affiliated to ANUCET Guntur, India, 1993.

Professional Experience: 24 Years

Designation	From	To	Organization
Professor	June 2019	Till Date	Lakireddy Bali Reddy College of Engineering (A), Mylavaram
Prof. / HoD (7Yrs)	2012	2019	Lakireddy Bali Reddy College of Engineering (A) Mylavaram; & K L U Vaddeswaram
Assoc. Prof. / HoD (2Yrs)	2006	2011	Lakireddy Bali Reddy College of Engineering(A), Mylavaram
Asst Prof. / HoD (3Yrs)	1998	2005	Lakireddy Bali Reddy College of Engineering, Mylavaram

Subjects Handled:

Academic Year	ODD Semester/s	EVEN Semester/s
2022 – 23	Digital Electronics	Universal Human Values-II
2021 – 22	Digital Electronics	Universal Human Values-II
2020 – 21	Digital Logic Circuit Design	Power System Analysis

Research Profile:**➤ Publications**

Journals	Conferences	Patent Granted	Institutional R & D projects
24	11	1(Patent No. 420972)	09

➤ Publications Verification Links

S. No.	Profile	Link
1.	Google Scholar	https://scholar.google.com/citations?hl=en&user=2SQkCsYAAAAJ
2.	Scopus	https://www.scopus.com/authid/detail.uri?authorId=35767081800
3.	Vidwan	https://vidwan.inflibnet.ac.in/profile/197378
4.	ORCiD	https://orcid.org/0000-0003-0804-9311
5.	Publons	https://publons.com/researcher/2940341/umavani-marreddy/

➤ **Supervision / Guidance:**

Category	Number of Students / Scholars		
Ph. D. Supervision	Status	Total Count	University
	Awarded	1	JNTUK, Kakinada
	Pursuing	3	JNTUK, Kakinada
M.Tech Projects Guidance	05		
B.Tech Projects Guidance	45		

Professional Activities:

Category	Details	
Academic Laboratories Establishment	<ul style="list-style-type: none"> ▪ Electrical Machines Lab ▪ Networks Lab ▪ Simulation Lab 	
Research Laboratories Establishment	<ul style="list-style-type: none"> ▪ Green Energy Technology Centre (GETC) ▪ e-Yantra/Robotics & Automation Lab 	
No. of FDPs, Workshops, Webinars, etc. Organized (Coordinator, Convener, etc.)	90 ⁺ (approx.)	
No. of FDPs, Workshops, Webinars, etc. Attended(online/offline)	70 ⁺ /90 ⁺ (approx.)	
Certifications Completed	NPTEL	9
	Coursera Certifications	2
	APSSDC	5
Professional Body Memberships	Name	Membership ID
	Fellow of ISVE Ranchi	FM15032
	Fellow of IE (India)	F1237531
	Fellow of IETE	F236846
	ISTE(LM)	LM31802
	IEEE(M)	85034240

Reviewer	JEET / ISVE
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Administrative Responsibilities Held [Summary]

❖ At LBRCE, Mylavaram

HoD, EEED/LBRCE	Total 12 Years
Member, PG admissions & R&D committee	2014-19
Member of Academic Council	2014-19
Chairman-BOS B.Tech & M.Tech Programs	2014-19 (R14, R17)
Member of BOS B.Tech & M.Tech Programs	2010 (R10 & R11)
Chairperson, Committee for protection against Sexual Harassment of Girl students and Women	2003-2012
Member of Anti-Ragging committee of LBRCE	Since 2002-19
Convener, Saheli-Girls Club	2016-19
IEEE Student Branch Counsellor	2016-19
Warden, Girls Hostel	1999-2001

❖ At K L U, Vaddeswaram

Professor & HoD, EEED	2012-14
Chairman, BOS B.Tech & M.Tech Programs	2013 (R13)
Member of Academic Council	2012-14
Head, Power Systems Research Group	2012-14
Member, M.Tech Projects Review committee	2012-14
UG/PG Co-ordinator	2012-13
Chairperson, Committee for protection against Sexual Harassment of Girl students and Women	2013-14

Sd/-

(Dr. M.UmaVani)