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
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FACULTY PROFILE

Name	**: Mrs. K. Lakshmi**
Designation	: Sr.Assistant Professor
Department	**:** ECE
Areas of Research	: Seismic Signal Processing**,** Compressive Sensing, Dictionary Learning and Machine Learning
Email ID	**:** lakshmikuruguntla@Lbrce.ac.in
	lakshmi.prasanna446@gmail.com
Phone Number	**:** +91 9492764210

Academic Qualifications:

- **Submitted the Ph. D. Thesis in Electronics and Communication Engineering**
  - ➢ SRM University , Amaravathi, India in decmember 2022.
- **M.Tech in Electronics and Communication Engineering**
  - ➢ Jawaharlal Nehru Technological University Kakinada, Kakinada in 2012.
- **B.Tech in Electronics and Communication Engineering**
  - ➢ Jawaharlal Nehru Technological University Hyderabad, Hyderabad in 2008.

Professional Experience:10+ Years

Designation	From	To	Organization
Sr. Assistant Professor	February, 2023	Till Date	Lakireddy Bali Reddy College of Engineering (A), Mylavaram
Senior Research Fellow	August, 2022	January, 2023	SRM University , Amaravathi, India
Junior Research Fellow	August, 2020	July, 2022	SRM University , Amaravathi, India

Assistant Professor	June, 2015	July, 2020	Lakireddy Bali Reddy College of Engineering (A), Mylavaram
Assistant Professor	June, 2014	May, 2015	NRI College of Engineering, Agiripalli
Assistant Professor	June 2012	May, 2014	Vignan's Nirula Institute of Technology and Science for Women, Guntur

Subjects Handled:

Assistant Professor	June 2008	September ,2010	QIS College of Engineering &Technology, Ongole

Academic Year	ODD Semester/s	EVEN Semester/s
2022 – 23	Study leave	C –Programming Lab and Skill Training
2021 – 22	Study leave	Study leave
2020 – 21	Study leave	Radar Systems

Research Profile:

➢ **Publications**

Journals	Conferences	Books / Chapters	Patents (Granted / Published)	Projects / Grants Received
09	**04**	**Nil**	**02**	**Nil**

➢ **Publications Verification Links**

S. No.	Profile	Link
1.	**Google Scholar**	**https://scholar.google.com/citations?user=RMoHTVMAAAAJ&hl=en&oi=ao**
2.	**Scopus**	**https://www.scopus.com/authid/detail.uri?authorId=57255371900**
3.	**Vidwan**	
4.	**ORCiD**	**https://orcid.org/0000-0003-4358-0546**
5.	**Research Gate**	**https://www.researchgate.net/profile/Lakshmi-Kuruguntla-3**
6.	**Publons**	**---**

➢ **Supervision / Guidance:**

Lakireddy Bali Reddy College of Engineering (A), Mylavaram

Category	Number of Students / Scholars		
	Status	**Total Count**	**University**
Ph. D.	---	---	---
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M.Tech	---		

Professional Activities:

B.Tech	15+

Category	Details	
No. of FDPs, Workshops, Webinars, etc. Organized (Coordinator, Convener, etc.)	02	
No. of FDPs, Workshops, Webinars, etc. Attended	20+	
Certifications Completed	**NPTEL**	04
	Online Certifications	01
	Global Certifications	--
Professional Body Memberships	**Name**	**Membership ID**
	SEG	614086
	Indian Society for Technical Education (ISTE)	LM 129147
	OPTICA	1956354
	IEEE	97638866
Program Committee / Reviewer	Reviewer for IEEE Transactions on Geoscience and Remote Sensing (SCI)	
	Reviewer for IEEE Conference: ATCON-1-ICAIA-2023	

Achievements and Awards:

Lakireddy Bali Reddy College of Engineering (A), Mylavaram

- ➤ "Award of Research Excellence" in INSC Awards – 2023

- ➤ GOLD Medal for the paper entitled as "High dimensional seismic data reconstruction using fast dictionary learning method" in Research day conducted at SRM University, AP.

- ➤ Got "Elite with silver medal in NPTEL online certification course (8 Weeks) on "Principles of modern CDMA OFDM MIMO wireless communications.

- ➤ Got certified with Elite from NPTEL online certification course (12 Weeks) on "Principles of communication systems" conducted by IIT Madras.

Administrative Roles:

- ➤ Acting as Sr.Assistant Professor, Department of ECE (Since February 2023)
- ➤ Acting as Assistant Professor, Department of ECE (Since June 2015)

Sd/-

(Mrs. K. Lakshmi)

Lakireddy Bali Reddy College of Engineering (A), Mylavaram