

## K.Lalitha



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**Designation** : Assistant Professor  
**E-Mail ID** : lalitha@vrsiddhartha.ac.in  
**Contact at** : Department of Electrical and Electronics Engineering,  
 Velagapudi Ramakrishna Siddhartha Engineering College,  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Pursuing)

*Acharya Nagarjuna University, Guntur*

### M.Tech (Power Electronics & Electric Drives)

*2013, Jawaharlal Nehru Technological University, Kakinada*

### B.Tech (Electrical and Electronics Engineering)

*2004, Acharya Nagarjuna University, Guntur*

## Experience

Period	Designation	Institution / Organization	Key Responsibilities
2022-Till date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	
2016-2020	Assistant Professor	PVP Siddhartha Institute of Technology	
2012-2016	Assistant Professor	Sri Vasavi Institute of Engineering & Technology	
2008-2010	Assistant Professor	DMS SVH College of Engineering	
2004-2008	Lecturer	Diviseema Polytechnic	

## Research Interests

### Broad Area of Research :

Power Systems, Electrical Distribution Systems, Smart grids.

## Courses Taught

S.No	Course Name	Level (UG/PG)
1	Electrical Distribution Systems	UG
2	Electrical Machines- 1&2	UG
3	Transmission & Distribution	UG
4	HVDC & FACTS	UG
5	Electrical Machine Design	UG
6	Indian Knowledge & Tradition	UG

## Research Profile

### Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	<a href="https://scholar.google.com/citations?user=4W1bCOEAAA&amp;hl=en">https://scholar.google.com/citations?user=4W1bCOEAAA&amp;hl=en</a>
Scopus	58945826700
ORCID	0000-0002-1367-3824

### Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1.	IQAC Coordinator	EEE Department	From 2024 - till date	Ensure proper documentation of quality improvement activities and prepare annual Academic Audit of the Department.

### Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Electric Vehicles-I	NPTEL	4 weeks	2023

2.	The Joy of Computing using Python	NPTEL	12 weeks	2024
3.	Machine Learning & Deep Learning-Fundamentals & Applications	NPTEL	12 weeks	2024
4.	Introduction to Machine Learning	NPTEL	12 weeks	2025

## Professional Service / Reviewer

- Reviewer in International Conference on Computational Intelligence for Green and Sustainable Technologies (ICCI GST-2024).

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	06
International / National Level Seminars	08
International / National Level Conferences	02
Workshops	02
Webinars	02

## Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	M-1817463	The Institution of Engineers (India)



**K.Lalitha**

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