



Department of Electrical Engineering

Faculty Profile

Prof. Sreerekha Vadi

PhD (Pursuing)

Assistant Professor

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🔗 https://scholar.google.co.in/scholar?scilib=1&hl=en&as_sdt=0,5

ResearchAreas/ Areas of Interest

Power Converters, Renewable Energy Sources, Power System Stability

Personal Details

Date of Birth : 20/ 05/ 1982

Domicile: Kerala

Gender : Female

Blood Group: A+ve

Contact Details:

504, Building No 7, Kukreja Heritage, Anand Park, Dhanori, Pune
411015

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E.	Electrical – Power Electronics & Drives.	Pune	Ist	September 2015
2	B.Tech.	Electrical & Electronics Engineering	Kannur, Kerala	Ist	May 2009

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	06	08
2	Research	0	0
3	Industry	0	0
4.	Others	--	--
Total		6	8

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Basic Electrical Engineering	UG	FE	05
2	Numerical Methods and Computer Programming	UG	SE (Electrical)	05
3	Material Science	UG	SE (Electrical)	01
4	Power Generation Technologies	UG	SE (Electrical)	02
5	Illumination Engineering	UG	BE (Electrical)	02
6	Electrical Installation Maintenance and Testing	UG	TE(Electrical)	03

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	0	0		
Conferences	01	0			

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1.	RASPBERRY PI AND OPEN CV for License Plate Recognition in real time	S S Mujawar & Sreerekha Vadi	2022	IRJMETS	e-ISSN: 2582-5208	IRJMETS

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Performance Analysis of Thermoelectric cooler	Sreerekha Vadi & V V Kulkarni	2015	Discovery-The international daily journal	ISSN 2278-5469	Discovery Publications

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	-

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
IETE	National	Life	AM-502279
SESI	National	Life	LM/2541/2021

Details of Workshop/STTP/FDP/Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01					

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	Modern Education Society's College of Engineering, Pune (ONLINE Mode)	Hands on outreach workshop on virtual lab	Regional	12/08/2020
2	Hon. Shri. Babanrao', Pachpute vichardhira Trust's Parikrama Group of Institutions,COE, Kashti (ONLINE Mode)	Hands on outreach workshop on virtual lab	Regional	19/08/2020

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	ENTREPRENEURSHIP DEVELOPMENT	PDP	30/01/2023 to 03/02/2023	NITTTR,Chennai	-
2	Research Writing & Reference Management	PDP	9/1/2023 to 13/01/2023	NITTTR,Chennai	-
3	Module 1_ Orientation Towards Technical Education and Curriculum	FDP	8 weeks March 2022	NITTT	-

	Aspects				
4	Module 2_ Professional Ethics & Sustainability	FDP	8 weeks (March 2022)	NITTT	-
5	Module 3_ Communication Skills, Modes & Knowledge Dissemination	FDP	8 weeks (March 2020)	NITTT	-
6	Role of materials in electric vehicle	FDP	7-11 June 2021	PDA College of Engineering	AICTE ATAL
7	Recent trends in power system operation and control	FDP	12-16 July 2021	Government College of Engineering	AICTE ATAL
8	“Research innovations and emerging advances in electrical engineering”	FDP	14-19 June 2021	Government College of Engineering	AICTE ATAL
9	Microgrid an opportunity :Electric vehicles and renewable energy sources	FDP	05-09 July 2021	Dayalbagh Educational Institute Agra	AICTE ATAL
10	Academic leadership in higher education	FDP	17-21 May 2021	Central University of Rajasthan	AICTE ATAL
11	Green Technology and sustainability Engineering	FDP	19-23 Jan 2021	Gautham Buddha University	AICTE ATAL
12	Electrical and Computer Engineering	FDP	4-8 Jan 2021	National Institute of Technology, Raipur	AICTE ATAL
13	Energy Engineering	FDP	23-27 Nov 2021	NIT, Agarthala	AICTE ATAL
14	“IoT & Advanced Power Electronics Applications in Smart Grid”	STTP	31 Aug- 5 Sep 2020	K.K. Wagh Institute of Engineering Education and Research Nashik	AICTE
15	“NBA Accreditation Process”	Workshop	29-31 Aug 2020	B K Birla Institute of Engineering & Technology, Pilani.	TEQIP-III RTU (ATU)
16	National Level FSDP on “Success and You”	FSDP	28-29 Aug 2020	AISSMS COE, Pune	
17	Electric Vehicles: Challenges and Opportunities	STTP	24-29 Aug 2020	SAGE SIRT, BHOPAL	AICTE
18	“ELECTRIC VEHICLE: IT’S PERSPECTIVES & ISSUES”	FDP	19-21 Aug 2020	AISSMS COE, Pune	
19	Optimal Operation of	STTP	25-30 July	SIRT Bhopal	AICTE

	Power System Incorporating Renewable Energy Sources		2020		
20	Environmental impacts of COVID-19 Pandemic: Challenges and remedies through Science and Engineering	STTP	27-31 July 2020	PIET	
21	Electrical System Modeling and solar policies	FDP	18-21 July 20	Sanjay Bokare Group of Institute, Mira	
22	“Environmental Sustainability & Green Energy”	FDP	29 June-3 July	GW CET, Nagpur.	IQAC
23	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Virtual Lab co ordinator of Electrical Engineering Department
2	Industry Institute Interaction coordinator of Electrical Department
3	Internship coordinator for TE Electrical

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Sreerexha Vadi

(Name with Signature)