

Faculty Profile



Mrs. V. Savitha, M.E., (PhD)
Assistant Professor (SG)

HIGHLIGHTS:

- Number of Journal Publications: 3
- H-Index: 1
- Project Funding Received: Nil
- Patents Published: 2
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Scopus ID: 58449932600
- Scopus Link:
- Google Scholar ID: <https://scholar.google.com/citations?hl=en&user=g9wjLdoAAAAJ>
- Anna University Faculty ID: 263950
- AICTE Faculty ID: 1-43698754472
- Anna University Supervisor ID: Nil
- LinkedIn: <https://www.linkedin.com/in/savitha-venkatesan-89abaa112/>

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 14.7 years
- Industrial Experience: Nil

AREA OF SPECIALIZATION:

- Power Electronics
- Renewable Energy Systems
- Smart grids
- Control Systems

PATENTS PUBLISHED/GRANTED:

- Published in 19/04/2024 and title is “ARTIFICIAL INTELLIGENCE BASED AUDIO ENABLED ENERGY METER SYSTEMS”
- Published in 30/08/2024 and title is “PRECISION MARKETING WITH AI-DRIVEN CUSTOMER SEGMENTATION”

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- SEMINARS Attended

Sl.No.	Title	College/University/Industry	Period
2016			
1	Industrial Seminar	Chipsoft	27/06/2016

2	Role of Power Electronics in Renewable energy systems	MNM Jain Engineering College (Seminar)	16/11/2016
2017			
3	Electric Drives and Challenges of Electric Transportation	KCG College of Technology (In collaboration with Indian Railways and ABB) (Seminar)	12/12/2017
2018			
4	Recent Trends in Renewable Energy	Institute of Engineers (India) sponsored 2 days All India seminar in Jerusalem College of Engineering	03/01/2018 & 04/01/2018

• WEBINARS Attended

Sl.No.	Title	College/University/Industry	Period
2020			
1	Effective Technical writing: Thesis vs. Paper	Basaveshwar Engineering College (Autonomous), Bagalkot, Karnataka.	27/04/2020, 28/04/2020 & 29/04/2020
2	Converting Ideas into Research proposal	Jerusalem College of Engineering	01/05/2020
3	Artificial Intelligence Technique for Solving Engineering Problems	PIRC	08/05/2020
4	Research ideas and performance analysis of switched reluctance motor using MagNet software	Jerusalem College of Engineering	13/05/2020 & 14/05/2020
5	Power quality issues and its improvement techniques in a grid connected system	Rajalakshmi Engineering College	23/05/2020
6	The Art writing a scientific Article & its Nuances in high impact factor journals	Prathyusha Engineering College	25/05/2020
7	Internet of Things in Electrical Engineering	Jerusalem College of Engineering	30/05/2020
8	Power Conditioning System for Remote Microgrid & Reliability Assessment	Jerusalem College of Engineering	13/06/2020

9	Moodle Learning management systems	Jerusalem College of Engineering	24/06/2020
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- **WORKSHOPS Attended**

Sl.No.	Title	College/University	Period
2013			
1	Research Ideas in Power Electronics and Power Systems	Jerusalem College of Engineering (One day Workshop)	30/01/2013
2016			
2	Design and Analysis of Renewable Energy based Micro-Grid using HOMER and PV syst.	Easwari Engineering College (One Day National Level Workshop)	30/11/2016
2017			
3	Advances in Technology for Sustainable Energy Based Applications	St. Joseph's College of Engineering (One Day National Level Workshop)	04/08/2017
4	Real Time System Simulation and Implementation Tools for Power Engineering Applications	SRM Institute of Science and Technology	18/12/2017 to 22/12/2017
2018			
5	Integration of Renewable Resources - New CEA Guidelines for Solar and Wind Farms	S.A. Engineering College	25/08/2018 to 26/08/2018

PROFESSIONAL MEMBERSHIPS:

- IEI- M -162898-9

OTHER DETAILS (Academic Positions Held):

- Lab In-charge
 1. Power System Simulation Laboratory
 2. OOPS Laboratory
- College Day Coordinator (for 3 Years)
- Proctor Chief Coordinator (for 3 Years)
- Department NAAC Coordinator
- NBA Criterion-7 In-charge
- Exam-cell Dept. In-charge
- Class In-charge
- Staff and student File In-charge