Sri Sai Ram Engineering College

Department of Electrical & Electronics Engineering

Name: **V.Malini**	
Designation:	Assistant Professor Grade III
Qualification:	M.E
Area of Specialization:	Power Systems Engineering
Experience:	Teaching- 13 Years 9 months
	Industry/Polytechnic: Nil
Number of Workshops/ Conferences/Seminar/ FDP Attended:	Workshop – 3 National Seminar – 1 Training -1 Webinar-1 FDP - 19 National Conference – 3 International Conference-1

Publication:	Journal: Nil
	     National: Nil
	     International: 3

	Conference:
	     National: 3
	     International: 1

Research Guidance:	----
General:	---
Staff Achievement	1. Plan, Design, Commissioning and Installation of the Electrical Machines I & II Lab (SPCE) 2. Plan, Design, Commissioning and Installation of the Control and Instrumentation Lab (SPCE) 3. Plan, Design, Commissioning and Installation of the Power Electronics Lab (SPCE)

Experience:

Sl. No	Name of the Post	Employer	Period of Employment				Teaching/ Industrial/ Research
			From	To	Years	Months	
1.	Senior .Lecturer	Sri Padmavathy College of Engineering (SPCE)	Jun-1999	Jun-2004	5	0	Teaching
2	Lecturer	Tagore Engineering College (TEC)	Dec 2007	May 2008	0	6	Teaching
3	Assistant Professor Gr III	Sri Sairam Engineering College	May 2013	Till Date	8	3	Teaching

MEMBERSHIP DETAILS:
Life Member of ISTE
Membership No: LM 131488

ACADEMIC ACHIEVEMENTS:

- Achieved 100% result in Power Quality in the academic year 2013-2014.
- Achieved 100% result in Special Electrical Machines in the academic year 2015-2016.
- Achieved 100% result in High Voltage Engineering, Electronic Devices and Circuits and Power System transients in the academic year 2016-2017.

Workshop -3

1. Attended National Workshop on "**Research Methodologies in Deregulated Power System**" at Eswari Engineering College on 1st November 2011.
2. Attended one day work shop on **"Intellectual Property Rights & Innovations"** on 20.07.2019.
3. Attended one day work shop on **"Ideathon and Proposal Writing Workshop"** organized by Rural Technology Action Group, IIT Madras on 19.12.2020.

National   Seminar , Training &Webinar :

1. Attended "**Modelling and Simulation of Electrical Systems**" in a AICTE Sponsored Three days National Seminar at Sri Venkateswara College of Engineering, Sriperumpudur, From 13th March to 15th March 2003.
2. Attended training programme on "Arduino and Raspberry Pi in IoT Environment" from 25.07. 2018 to 27.07.2018.
3. Attended webinar on "Covid -19: Financial Planning For Working Professionals" conducted by Sri Sairam Engineering College, West Tambaram, Chennai-44, on 10.06.2020.

Online Courses:

1. Completed **UDEMY – "Deep Learning A-Z hands - On Artificial Neural Networks"** on November 2019.

Patent:
" AN INTELLIGENT SMART STREET LIGHT SYSTEM WITH SAFETY TECHNOLOGY AND ENVIRONMENT MONITORING"   application number 202041047228 on 29.10.2020.

Book / Chapter Publication:
1. Chapter published in Recent Trends in Engineering and Technology **"A Perspective Approach to the Challenges and Solutions to Smart Grid Technological Issues"** ISBN-9788194714989.

Faculty Development Programme :

1. Attended Faculty Development   Programme in "**RE-Engineering Teaching Communication Skills**" conducted by Anna university at College of Engineering, Guindy, From 9th Feb to 10th Feb 2004.

2. Attended Faculty Development Programme in **"Matlab Simulation of Power Electronic Circuits"** conducted by Sri Sairam Engineering College, West Tambaram, Chennai-44, From 21st Apr to 23rd Apr 2015.

3. Attended Faculty Development Programme in **"Digital Simulation of Power Electronic Circuits Through PSPICE Software"** conducted by Sri Sairam Engineering College, West Tambaram, Chennai-44, From 15th July to 18th July2015.

4. Attended Faculty Development Programme in **"Electrical Simulation Software "**conducted by Sri Sairam Engineering College, West Tambaram, Chennai-44, From 06th Nov to 10th Nov 2017.

5. Attended Faculty Development Programme in **" Analysis of Power System Protection and Automation – Current Scenario"** conducted by KCG College of Technology , Karapakkam, From 26th Nov to 09th Dec 2017

6. Attended Faculty Development Programme in **"Power Electronics for Renewable Energy Systems "** conducted by Tagore Engineering college, Chennai, From 18th Jan to 20th Jan 2018.

7. Attended 8 weeks **NPTEL** online certification course in **"Introduction to Smart Grid"** from August 2018 to Sep 2018.

8. Attended Faculty Development Programme in **"Engineering Teaching Pedogogy and Teaching Learning Process"** conducted by Sri Sairam Engineering College, West Tambaram, Chennai- 44, From 03rd Dec to 07thDec 2018.

9. Attended ISTE sponsored Faculty Development Programme in **"Process Modelling and Control"** conducted by Sri Sairam Engineering College, West Tambaram, Chennai-44,From 11th June to 15thJune 2019.

10. Attended Faculty Development Programme in **"Embedded Control System & Communication Networks"** conducted by SRM Valliammai Engineering College, Kattankulathur, From11thMay to 15thMay 2020.

11. Attended two weeks Faculty Development Programme in **"Recent Innovations in Electrical ,Electronics , Instrumentation, Automation & Teaching Pedagogy"** conducted by Sri Sairam Engineering College, West Tambaram, Chennai-44, From 18th May to 30th May 2020.

12. Attended Faculty Development Programme in **"Next Generation Intelligence "** conducted by St.Peter's Institute of Higher Education and Research From 20thMay to 25thMay 2020.

13. Attended ATAL Online Faculty Development Programme in **"Electric Vehicles"** conducted by All India Shri Shivaji Memorial Society's College of Engineering , Pune, From5.10.2020 to 9.10.2020.

14. Attended Short Term Training Programme on **"Modelling & Simulation of Renewable Energy Systems using MATLAB"** conducted by Misrimal Navajee Munoth Jain Engineering College from 2.11.2020 to 7.11.2020 (Phase II).
15. Attended ATAL Online Faculty Development Programme in **"Green Technology & Sustainability Engineering"** conducted by Gautam Buddha University , From19.01.2021 to 23.01.2021.
16. Attended 4 weeks **NPTEL** online certification course with **ELITE** in **"Recent Advances In Transmission Insulators"** from Jan 2021 to Feb 2021.
17. Attended ATAL Online Faculty Development Programme in **"Role of Renewable Energy Sources in Power System"** from 05.07.2021 to 09.07.2021 at Government Engineering College, Patan.

18. Attended ATAL Online Faculty Development Programme in **"Recent Trends in Power System Operation and Control"** conducted by Government College of Engineering , Nagpur, From12.07.2021 to 16.07.2021.

19. Attended Faculty Development Programme in **"Inculcating Universal Human Values inTechnical Education"** organized by All India Council for Technical Education(AICTE) from 26 July, 2021 to 30 July, 2021.

Paper Presented:

National:

1. Paper Presented on "**Solution for OPF-SC by a New Improved Bacterial Foraging Method using Bi-level optimization Technique**" in the National Conference on Recent Trends in Electrical Science and Technology conducted by **IET-SSIET** at Sree Sastha Institute of Engineering and Technology on 15th Feb 2013.
2. Paper Presented on "**Solution for OPF-SC by a New Improved Bacterial Foraging Method solving Unit Commitment Problems**" in a National Conference on SMART Advancements in Green Energy at Sri Muthukumaran Institute of Technology on 18th & 19th April 2013.
3. Paper Presented on "**Harvesting Electrical Energy From Human Locomotion using Piezoelectric Transducer** " in a Sixth National Conference on "Technological Advancements in Power System & Power Electronics Engineering" at Easwari Engineering College on 13th April 2017.

International Conference:

1. Paper Presented on "**IOT BASED SMART GARBAGE ALERT SYSTEM AND PUBLIC AWARENESS INTIMATION USING WIRELESS SENSOR NETWORK**" in First International Conference on POWER, ENERGY, CONTROL AND TRANSMISSION SYSTEMS-2018 at by Sri Sairam Engineering College, West Tambaram, Chennai-44, From 22.02.2018 & 23.2.2018 .

International Journal:

1. **V.Malini**   published a paper titled "**IoT Based Smart Garbage Alert System Using Wireless Sensor Network for Environmental Hygine** " in IJEAT ISSN: 2249-8958, Volume -8, Issue -6, in Aug 2019.
2. **V.Malini**   published a paper titled **" FOPID Controlled Modified Coupled Inductor based SEPIC Converter with Renveble Energy System"** in TEST Engineering & Management ISSN: 0193- 4120, Vol -81, in Nov- Dec 2019.
3. **V.Malini** published a paper titled **" Cloud Based Health Care Monitoring With Prompt Notification Using Connected Devices "** in European Journal of Molecular Clinical Medicine" ISSN: 2515-8260,, Vol -07, Issue -06, in 2020.

Other Activities:
1. Electrical Circuits Lab Incharge, Sri Sairam Engg. College.
2. Engineering practices Lab Incharge, Sri Sairam Engg. College.
3. Handled session in ISTE sponsored Faculty Development Programme **"Renewable Energy Systems"** held from 22.07.2019 to 26.07.2019 at Sri Sairam Engineering College, Chennai.
4. Actively involved in all Departmental activities like industrial visit, training program.
5. Conducted a **"Training Session on C Coding"** for EEE students of Sri Sairam Engineering College, on 05.02.2020
6. Conducted a Webinar on **"Her Campus With Equality"** - Alumini talk for EEE Girls Student of Sri Sairam Engineering College on 25.07.2020.
7. Conducted a **"Three days Training Session on C-coding"** for EEE students of Sri Sairam Engineering College, from 9.10.2020 to 11.10.2020
8. Organized a non technical event **"SKILLSPORIUM 1.0" - Skill Development Club event** , on 15.02.2021, for the students of Sri Sairam Engineering College .