


**Sri Sai Ram Engineering College**  
**Department of Electrical & Electronics Engineering**

Name:	<b>Ms.N. ANITHA</b> 
Designation:	ASSISTANT PROFESSOR
Qualification:	M.E
Area of Specialization:	POWER SYSTEMS
Experience:	Teaching- 13 yrs,01 month
	Industry: 3 yrs
Number of Workshops/ Conferences/ FDP Attended:	No.of Workshops attended : 6 No.of FDP attended : 23 No.of Conferences attended : 2
Publication:	Journal: International :4 Conference: International: 2
General:	<ul style="list-style-type: none"> <li>❖ EEE Department Website Coordinator</li> <li>❖ R&amp;D Award Department Coordinator</li> <li>❖ Lab In – charge /EEE Computer Center</li> <li>❖ Acted as Department Alumni Coordinator for the 2017-2018 &amp; 2018-19</li> <li>❖ Acted as Convener for the National level Technical Symposium '2017</li> <li>❖ Organized Seminars, Guest lectures &amp; workshops</li> <li>❖ Photography Club Department Coordinator for the year 2018-2019</li> <li>❖ Acted as Class Co-Ordinator</li> </ul>
Staff Achievements	<ul style="list-style-type: none"> <li>❖ Published “Electrical Machines-I ” Text Book for III Sem EEE students</li> <li>❖ Reviewed “Power System Protection and Switchgear ”,for VI Sem EEE Students</li> <li>❖ Received Cent Percent Achiever Award for the subjects handled in the year 2010, 2011, 2015, 2018, 2019</li> </ul>

**Experience: 16 years,01 month**

Name of the Employer	Position Held	Period	
		From	To
Sri Sai Ram Engineering College	Assistant Professor	06.03.2009	Till date
Tamil Nadu Electricity Board	Graduate Apprentice Trainee	2.1.2003	1.2.2004
M/S S.S.Electricals, Chennai	Asst. Engineer / Electrical	1.3.2004	31.3.2006

**Patent:**

- ❖ “High Secured Remote Patient Monitoring Syatem Using IoT ,Cloud Computing and AI”, published in the Official Journal of the Patent Office No.202141044795 on 15/10/2021
- ❖ “A Smart Bill Generator In A Digitalized Super Market ”, published in the Official Journal of the Patent Office No.202041045439 on 30/10/2020

**Awards and Accolades:**

- ❖ Received Certificate of Appreciation from Sri Leo Muthu Innovation Centre in recognition for a record of Outstanding Accomplishments as R&D Coordinator
- ❖ Received Certificate of Appreciation for Best Mentor in Best Skillrack Performance

**Internship:**

- ❖ Technical training on DCS & PLC OVERVIEW by **Technical school of Yokogawa India Ltd** , Bangalore from 14<sup>th</sup> June to 15<sup>th</sup> June 2018.
- ❖ Industrial Internship at **IPL Products**, Thirumudivakkam from 21<sup>st</sup> Feb to 26<sup>th</sup> Feb 2022

**NPTEL Courses / NITTT Modules:**

- ❖ Completed NPTEL FDP Course on “Effective Teaching and Learning” , March 2018
- ❖ Completed NPTEL FDP Course on“ Recent Advances in transmission Insulators ” Feb 2021
- ❖ Completed NITTTTR Module 4: “Instructional Planning and Delivery ”,Oct 2021

### **Books / Chapter:**

- ❖ Reviewed “ **Electrical Machines-I** ” Text Book for III Sem EEE students and published by SIA publishers
- ❖ Published Book Chapter titled “**A Perspective Approach To The Challenges And Solutions To Smart Grid Technological Issues**”, Recent Trends In Engineering And Technology, ISBN-9788194714989, July 2021.
- ❖ Published Book Chapter titled “ **Information Modelling For Virtual And Augmented Reality Virtual Touchpad Based Industrial Machine Control**”, Recent Trends In Engineering And Technology, ISBN-9788194714989, July 2021

### **Conferences/Journal:**

- ❖ Published a paper titled “**Internet of things on 230kV/400 kV switchyard operation by SCADA method**”, International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019
- ❖ Published a paper titled “**Smart Protection Scheme For Radial Distribution System**” International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019
- ❖ Published a paper titled “**Power Quality Research On Three-Phase Pfc Rectifier (Minnesota Rectifier)**” International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019
- ❖ Published a paper titled “ **Automated Traffic Congestion Avoidance In Roadways Based On Density And Exigency**”, International Research Journal in Global Engineering and Sciences (IRJGES), 2019, Vol.4. Issue 1 pp. 1-5.
- ❖ Published a Journal titled “**Online Monitoring on Effluent Treatment Plant in Power Plant**” in the Journal of Gujarat Research Society, 2020
- ❖ Presented a Paper in the **National conference ELCON’08** titled “**Finding the optimal setting of TCSC’s using PSO for System Security enhancement considering loadability**”

### **Workshop/FDP:**

- ❖ Attended and Completed **AICTE Sponsored Five day’s Faculty Development programme** on “ **Inculcating Human Values in Technical Education** ” held from 26<sup>th</sup> July to 30<sup>th</sup> July 2021

- ❖ Attended and Completed **AICTE Sponsored ATAL Faculty Development programme** on “ **Role of Renewable Energy Sources in Power System**” held from 5<sup>th</sup> to 9<sup>th</sup> July 2021 at Government Engineering College, Patan
- ❖ Attended and Completed **AICTE Sponsored ATAL Faculty Development programme** on “ **Recent Trends in Power System Operation and Control**” held from 12<sup>th</sup> to 16<sup>th</sup> July 2021 at Government College of Engineering, Nagpur
- ❖ Attended **AICTE Sponsored Six Days Short Term Training Program** On “Electric Mobility : Development, Integration and Design Challenges”, organized by Jerusalem College of Engineering from 22<sup>nd</sup> to 27<sup>th</sup> March 2021.
- ❖ Attended **AICTE Sponsored Two week’s Faculty Development programme** on “Advanced Power Electronic Applications On Power Systems” held from 19<sup>th</sup> to 31<sup>st</sup> October 2020 at Sasi Institute of Technology and Engineering , Tadepalligudem
- ❖ Attended and Completed **AICTE Sponsored ATAL Faculty Development programme** on “Energy Engineering” held from 17<sup>th</sup> to 21<sup>st</sup> October 2020 at Velammal Engineering College
- ❖ Attended and Completed **AICTE Sponsored ATAL Faculty Development programme** on “Energy Engineering” held from 30<sup>th</sup> November to 4<sup>th</sup> December 2020 at University College of Engineering, Villupuram
- ❖ Attended Five days **Faculty Development programme** on “Recent Trends in Electrical Engineering ” held from 1<sup>st</sup> to 5<sup>th</sup> June 2020 at BSA Crescent Institute of Science and Technology, Chennai
- ❖ Attended one day **Faculty Development programme** on “ FDP on Robotics and AI during Covid 19” held on 5<sup>th</sup> May 2020 organized by VISTAS, Vels Institute of Science
- ❖ Attended **ISTE Sponsored Five Days FDP** In Association With **Skillkora Labs** On “Artificial Intelligence” From 5<sup>th</sup> Dec To 11<sup>th</sup> Dec 2019 held at Sri Sairam Engineering College , Chennai
- ❖ Attended the **ISTE Sponsored Faculty Development programme** on “**Renewable Energy Systems**” held from 22<sup>nd</sup> to 26<sup>th</sup> July 2019 at Sri Sairam Engineering College , Chennai

- ❖ Attended one day workshop on “**Intellectual Property Rights and Innovations**” held at Sri Sairam Engineering College , Chennai on 20<sup>th</sup> July 2019
- ❖ Attended FDP on “ **Digital Signal Processing**” organized by the Department of Electronics and Instrumentation Engineering and jointly sponsored by **Anna University** at SRM Valliammai Engineering College from 10.06.2019 to 15.06.2019
- ❖ Attended FDP on “**Outcome Based Education**” at Sri Sairam Engineering College on 05.04.2019
- ❖ Attended FDP on “**Teaching Techniques**” conducted by ICT Academy from 11.02.2019 to 12.02.2019 at B.S.Abdur Rahman Crescent Institute of Science & Technology.
- ❖ Completed four weeks NPTEL certification course on” **Effective Engineering Teaching in Practice** ” from Feb-March 2018
- ❖ Attended FDP on “**DCS & PLC OVERVIEW**” conducted by **Technical School of Yokogawa India Limited,Bangalore** from 14.6.2018 to 15.6.2018.
- ❖ Attended Faculty Development Programme on “**Control Systems**” conducted by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College
- ❖ Attended Faculty Development Programme on “**VHDL Programming**” conducted by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College
- ❖ Attended FDP on “ **Digital Simulation of Power Electronic Circuits through PSPICE software**” organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College from 15.07.2015 to 18.07.2015
- ❖ Attended STTP on “**MATLAB Simulation of Power Electronic Circuits**”organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College from 21.04.2015 to 23.04.2015
- ❖ Attended Faculty Development Programme on “**MATLAB Applications in Electrical Engineering**” conducted by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College
- ❖ Attended Workshop on “**PLC and its Applications**” organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College.

- ❖ Attended Workshop on “**An Overview of OrCAD**” organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College
- ❖ Attended Workshop on “**PLC and SCADA Overview**” organized by Yokogawa Technical School, Sri Sai Ram Engineering College
- ❖ Attended FDP on “ **Electrical Simulation Softwares**” organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College