



Sri SAI RAM INSTITUTE OF TECHNOLOGY

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Sai Leo Nagar, West Tambaram, Chennai - 44. www.sairamit.edu.in

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Name : REKHA K

Designation : ASSISTANT PROFESSOR

Email : rekha.eee@sairamit.edu.in

Qualification : M.E.

Specialization : POWER ELECTRONICS AND DRIVES

Research Interest : POWER ELECTRONICS, EMBEDDED SYSTEM

Experience in years : **Teaching** UG PG **Industry**

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	NIL
Publications	National : - 2
	International: 2
	Book : -
Research Funded Projects	NIL

Patents	NIL
Achievements	<p>OBTAINED 100% RESULT IN</p> <ul style="list-style-type: none"> ● POWER PLANT ENGINEERING ● MICROPROCESSOR AND MICROCONTROLLER ● MICROCONTROLLER BASED SYSTEM DESIGN ● POWER SYSTEM OPERATION AND CONTROL
Any Other Information	<ul style="list-style-type: none"> ● DEPARTMENT OVERALL MENTOR IN-CHARGE

List of Publications:-

1. Published a paper titled “**Gas Leakage Alerting and Accident Control System using GSM/GPS Technology**”, International Journal of Science and Research (IJSR), Volume 6 Issue 6, pp 997-1001, June 2017.
2. Published a paper titled “**High Efficient Hybrid Cascaded Multilevel Inverter for Battery Energy Management**”, International Journal of Science and Research (IJSR), Volume 6 Issue 6, pp 1002-1006, June 2017.

Workshop / Conferences / FDP Attended:-

1. Presented a paper in National Conference on “Innovative Techniques in Power Engineering and drives” titled “**Implementation of Energy Management System to PV-Wind Hybrid Power Generation System for DC Micro-Grid Application Using Proteus Simulator**”, at Velammal Engineering College on 20th April 2016.
2. Presented a paper in National Conference on “Emerging technology in Electrical Engineering “ titled “**Gas Leakage Alerting And Accident Control System Using GSM/GPS Technology**”, at Valliammai Engineering College on 11th April 2015.
3. Presented a paper titled “**Direct Single-Stage Power Converter with Power Factor Improvement for Switched Mode Power Supply**”, 2011.
4. Attended 2 days **International Workshop On “Power System Studies Using ETAP And DIgSILENT”** at S.A. ENGINEERING COLLEGE on 04.05.2017 & 05.05.2017

5. Attended 1 day workshop on “**Recent Trends in Renewable Energy**” at SRI SAIRAM INSTITUTE OF TECHNOLOGY on 31st MARCH 2015.
6. Attended 2 days **FDP** ON “**Electromagnetic Theory and Transmission Lines**” in SRI SAI RAM INSTITUTE OF TECHNOLOGY on 25.06.2015 & 26.06.2015
7. Attended 7 days **FDTP** ON “**EE6701 - High Voltage Engineering**” in St. JOSEPH’S INSTITUTE OF TECHNOLOGY from 1.06.2016 TO 8.06.2016.
8. Attended 2 days **FDP** on “**Power System Analysis Using ETAP**” at KCG COLLEGE OF TECHNOLOGY on 22.06.2017 & 23.06.2017
9. Attended 2 days **FDP** on “**Recent Trends on Renewable Energy and Power Electronics Using Matlab**” at AMET UNIVERSITY on 15TH & 16TH SEPTEMBER 2017.

Workshop / Conferences / FDP Organized:-

1. Organized 2 days National Workshop on topic “**ORCAD - PSPICE**” on 02.09.2015 & 03.09.2015