


SRI SAI RAM ENGINEERING COLLEGE
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Name: S.Deepa Rohini	
Designation:	Assistant Professor Grade-II
Qualification:	M.E.,
Area of Specialization:	Power Electronics and Drives
Experience:	Teaching- 13½ years
	Industry/Polytechnic: -
Number of Conferences / Seminar / FDP Attended	National Conference- 02 International Conference - 03 Seminars – 02 FDP - 09
Publication:	Journal: National: - International: 03
Research Guidance:	-

Experience:

Sl No.	Name of the college	Position held	Period	
			From	To
1.	Sri Sairam Engineering College	Assistant Professor	June 2011	Till date
2.	Karpaga Vinayaga College of Engineering and Technology	Lecturer	June 2009	May 2010
3.	Valliammai Engineering College	Lecturer	April 2008	November 2008
4.	Dr.Sivanthi Aditanar College of Engineering	Lecturer	June 2006	April 2008
5.	Erode Sengunthar Engineering College	Lecturer	June 2005	June 2006

Journal

- Published a paper titled **“Off-Grid Solar System with Interchangeable High Gain AC and DC in same line”** in the Journal of physics - conference series 1362 – 012044, 2019.
- Published a paper titled **“Automated Traffic Clogging Elusion in Roadways”** in IEEE Xplore Digital Library, also indexed in scopus.
- Published a paper in e-journal titled **“Train Collision Avoidance and Reduction of Speed using RFID and ZIGBEE”** in the International Journal for Scientific Research and Development, Volume 4, Issue 01 on March 2016.

Conferences

- Presented a paper titled **“Off-Grid Solar System with Interchangeable High Gain AC and DC in same line”** in the International Conference on Science and Innovative Engineering 2019 organised by OSIET, Chennai in Association with Jawahar Engineering College, Chennai.
- Presented a paper titled **“An Advanced Home Energy Management System facilitated by IoT with Automated Power Scheduling”** in the International Conference on Contemporary Engineering and Technology 2019 organised by OSIET, Chennai in Association with Prince Shri Venkateshwara Padmavathy Engineering College and Prince Dr.K.Vasudevan College of Engineering And Technology, Medavakkam, Chennai.
- Presented a paper titled **“Automated Traffic Clogging Elusion in Roadways”** in the IEEE sponsored International Conference on Power, Energy, and Control Transmission Systems 2018 – ICPECTS 2018” organized by the Department of Electrical & Electronics Engineering and IEEE Power & Energy Society Student Branch of Sri Sairam Engineering College.
- Presented a paper titled **“Shunt Active Filter for Power Quality Improvement”** in the National Conference on Recent Trends and Emerging Technologies in Electrical Systems – ELCON’06 organized by National Engineering College, Kovilpatti.
- Presented a paper titled **“Speed Controller for Permanent Magnet Brushless DC Motor using DSP Technology”** in the National Level Conference on Emerging Techniques in Electrical Engineering organized by St.Joseph’s College of Engineering, Chennai.

Online Courses

- Completed online course with Top 5% and Elite on **Fundamentals of Electric Drives** conducted by NPTEL during July – Sep 2019.
- Completed online course with Elite on **Introduction to Smart Grid** conducted by NPTEL during Aug – Sep 2018.
- Completed online course with Elite on **Fundamentals of Electrical Engineering** conducted by NPTEL during Jul – Oct 2018.
- Completed online course with Elite on **Analog Circuits** conducted by NPTEL during Feb – Mar 2018.

- Completed 4 weeks online course on Introduction to the Internet of Things and Embedded Systems in Coursera on 7th May 2020.
- Completed 5 weeks online course on Motors and Motor Control Circuits in Coursera on 15th May 2020.
- Completed 4 weeks online course on Electric Power Systems in Coursera on 17th May 2020.
- Completed 4 weeks online course on Programming for Everybody (Getting started with Python) in Coursera on 25th May 2020.
- Completed 5 weeks online course on Introduction to Solar cells in Coursera on 5th June 2020.
- Completed 5 weeks online course on Solar Energy Basics in Coursera on 11th June 2020.
- Completed 3 weeks online course on The Sustainable Development Goals – A global, transdisciplinary vision for the future on 17th June 2020.

Seminar

- Participated in National seminar on **Current Trends and Future Role of Renewable Energy** at Sri Sai Ram Engineering College.
- Participated in **Entrepreneurship Awareness Camp (EAC)** organized by IEDC, Sri Sai Ram Engineering College.

FDP

- Completed 8 weeks online FDP on **Fundamentals of Electric Drives** conducted by NPTEL - AICTE during July – Sep 2019.
- Attended the **ISTE Sponsored Faculty Development programme** on “**Renewable Energy Systems**” held from 22nd to 26th July 2019 at Sri Sairam Engineering College, Chennai
- Completed 12 weeks online FDP on **Introduction to Smart Grid** conducted by NPTEL – AICTE from August to September 2018.
- Attended National level FDP on “**Engineering Teaching Pedagogy and Effective Learning Process**” from 3rd to 7th December 2018 at Sri Sairam Engineering College.
- Undergone value Added Training Programme on Arduino and Raspberry Pi in IoT Environment from 25th to 27th August 2018 at **RETECH SOLUTIONS PVT LTD**
- Attended National Level Faculty Development Programme on **Electrical Simulation Software (FDP17)** from 6th November 2017 to 10th November 2017 held at Department of EEE in association with **IEEE Power and Energy Society Student Branch**, Sri Sairam Engineering College
- Attended national level FDP on **Teaching Excellence in Engineering & Management Curriculum**, Sri Sai Ram Institute of Management Studies at Sri Sai Ram Engineering College held on 20th & 21st June 2016

- Attended the Faculty Development Programme on “**Applications of FACTS in Power Electronics & Power System**” held at Sri Sairam Engineering College on 27th February 2013.
- Faculty Development Programme on “**MATLAB Applications in Electrical Engineering**” on 7th March 2012 organised by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College.

Webinar

- Participated in the Online Super Session on Change is the Essence of Life expert session by Bharathi Baskar conducted on 25 May 2020 (5:00 pm - 6:00 pm) by ICT Academy.
- Participated in the Season 5 of Skycampus on the theme The Future of Skills - Education, Employment & Entrepreneurship Day 3 - Expert Sessions by Sai Prakash Leo Muthu, CEO, Sairam Institutions Satish Rajarathnam, Senior Vice President - HR, Mphasis, ICT Academy Conducted on 13 May 2020(10.00 am to 11.30 am)