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SAI RAM INSTITUTE OF TECHNOLOGY

An ISO 9001 : 2008 Certified Institution

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Name : P.RATHNAVEL
Designation : Assistant Professor
Email : rathnavel.eee@sairamit.edu.in
Qualification : M.E.,
Specialization : Power Electronics and Drives
Research Interest : Resonant Converter
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	-
Publications	National :-
	International:4
	Book :-
Research Funded Projects	
Patents	

Achievements	<ul style="list-style-type: none"> • Obtained 100% result in Solid State Drives • Obtained 100% result in Power Plant Engineering • Obtained 100% result in Basic Electrical & Electronics Engineering (2) • Obtained 100% result in Electrical Engineering and Instrumentation(2) • Obtained 100% result in Measurements and Instrumentation • Obtained 100% result in Protection and Switchgear • Obtained 100% result in Electronic Devices and Circuits
Any Other Information	<ul style="list-style-type: none"> • YRC coordinator

List of Publications:-

1. Published Paper in International Journal Of Applied Engineering Research Titled “Simultaneous DC And Three Phase AC Output Using Hybrid Converter” ISSN 0973-4562, Volume 10, AUG 2015, Page No. 300 – 303. International Journal of Applied Engineering Research.
2. Published Paper in International Journal Of Applied Engineering Research Titled “Road Tyre Friction Potential Utilisation in Local Electrification” ISSN (ONLINE): 2250-0758,ISSN (PRINT): 2394-6962Page Number: 246-251 - Volume-5, Issue-5, October-2015
3. Published Paper in International Journal Of Applied Engineering Research Titled “Design and Simulation of Synchronous Buck Converter for Permanent Magnet Generator in Low Power Applications” ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394- 6962Page Number: 280-285 - Volume-5, Issue-5, October-2
4. Published Paper in Journal of Advanced Research in Dynamical and Control System Titled “An Interleaved High-Power Flyback Inverter for Standalone Application Using MPPT Algorithm” 11-Special Issue, ISSN 1943-023X , November 2017.

List of Patent : NIL

Workshop / Conferences / FDP Attended:-

Workshop / Seminar:

1. Attended National Level **Seminar** on " Powerquality Issues Problems & Solutions" in Shree Motilal Kanhaiyalal Fomra Institute Of Technology On 21st December 2012.
2. Attended National Level **Seminar** on "Research Challenges In Micro Grid" In VIT, Chennai 9th May 2015.
3. Attended National Level **Seminar** on " Engegy Storage Techniques for Renewable Energy System" in Sona College of Technology, Salam, on 16th September 2015.
4. Attended One Day **Workshop** on "Recent Trends In Renewable Engrgy" in Sri Sai Ram Institute of Technology 31st March 2015
5. Attended Three Days **Workshop** on "TRAINING ON SOLAR PV SYSTEM DESIGN" in HINDUSTAN UNIVERSITY on 22nd to 24th June 2015
6. Attended National **Workshop** on "Effective Writing Of Engineering Journal Paper And Thesis" in SRM University on 16th & 17th March 2017
7. Attended Two days Handa-on **Workshop** on "Integrated Electrical & Electronics Circuits Training using LabVIEW" in VIT University on 28th & 29th April 2017.

International/National Conference:

1. Presented a Paper Titled "A Modified Asymmetrical Pulse Width Modulation Resonant Dc-Dc Converter Topology" in government college of engineering, tirunelveli on 4th april 2008.
2. Presented a Paper Titled "ANFIS Based SEPIC converter for Renewable Energy System with MPPT Algorithm" National Conference on Innovative Techniques in Power Engineering and Drives ITPED'16 Velammal Engineering College on 20th April 2016.
3. Presented a Paper Titled " Cascaded Invertor Based Multilevel STATCOM" in the National conference on Innovative Strategies in Green & Soft Computing for Renewable Energies- ISGSCRE'17, Sona College of Technology on 31st March 2017.
4. Presented a Paper Titled " AN Interleaved High Power Flyback Inverter for Standalone Application Using MMPT Algoritha" international Conference on Innovation and Research in Marine Electrical and Electronics Engineering ICIRMEEE 2017 in AMET University, Chennai on 6th October 2017.

FDP Attended:

1. Seven Days **FDTP** on "Power System Analysis" in Valliammai Engineering College on 9th To 16th Dec 2013.
2. One Week **FDP** on "Challenges And Opportunities In Indian Power Scenario" in GCE, Bargur, on 26th May to 1st June 2014.
3. Two Days **FDP** on "Electromagnetic Field Theory & Transmission Lines" in Sri Sai Ram Institute of Technology, on 25th & 26th June 2015.
4. Seven Days **FDTP** on "HIGH VOLTAGE ENGINEERING" in St.Joseph's Institute of Technology, on 1st June to 8th June 2016.
5. Seven Days **FDTP** on " PROTECTION AND SWITCHGEAR" in G.K.M College of Engineering and Technology, on 22nd to 29th June 2017.
6. Two days **FDP** on "RECENT TRENDS ON RENEWABLE ENERGY & POWER ELECTRONICS USING MATLAB" in association with Pantech ProEd Pvt .Ltd at AMET University, on 15th & 16th September 2017.

Workshop / Conferences / FDP Organized:-

1. **National Conference** on " Innovative Solutions in Electrical Engineering Science" ISEES' 16 on 4th April 2016.
2. Organized Five Days Workshop on "ORCAD-PSPICE and EMBEDDED SYSTEM-PLC" in association with Livewire System and Technocrat Automation in Sri Sairam Institute of Technology from 19.02.2018 to 23.02.2018.