


Faculty Profile

Name	:	Dr.P.Soundar Rajan					
Date of Birth	:	15.07.1982					
Highest Qualification	:	Ph.D					
Date of Joining	:	20.07.23					
Designation	:	Associate Professor					
Date of promotion (Present Designation)	:						
Area of Interest	:	Solar PV, Automation, Power Electronics and Drives , IoT.Robotics.					
Mobile No	:	9942140222	Email ID	:	Soundarrajan.p@trp.srmtrichy.edu.in		
Experience	:	Teaching :	18	Industry :	-	Research :	11
Address (for Communication)	:	15/7, Velmurugan Kovil II Street, Sakthi Nagar, Peelamedu East, Coimbatore-641004					

Association with Professional Bodies

Name (Professional Body)	ISTE			
Type of Membership	Life Member			

Research

Ph. D Guidance					
Supervisor / Guide ship No. :	-	University :	-	No. of Scholars :	-
Publication*					
International Journals	:	14	National Journals	:	-
International Conference	:	6	National Conference	:	-
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount)	:		Applied (Amount)	:	
Patent					
Published	:	2	Granted	:	

Books

Published	
:	

FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	6	Attended :	4	Attended :	8	Attended :	4	Attended :	4
Organized :	1	Organized :	-	Organized :	4	Organized :	6	Organized :	8

List of Publications :*Development of PV Based Nine Switch Three Phase Cascaded Multilevel Inverter for BLDC Motor,**

Jasmine E, M.Arul Prasanna, **P.Soundar Rajan**

Mukt Shabd Journal, Volume--12 | Issue-5 | 1749-1758.

A single phase solar powered thirteen level transformer less inverter for photovoltaic applications

Sharmiladevi, **P.Soundar Rajan**, M.Arul Prasanna

Mukt Shabd Journal, Volume--12 | Issue-5 | 1741-1748.

Hydrogen Production from Solar Tracker with MPPT Technique in Seawater Electrolysis

Soundar Rajan, Moshe Dayan

NCERC International Journal of Advanced Science, Engineering and Technology

Volume – 1 | Issue – 1 | PP. 50-65.

A Switched Capacitor Single Source Step-Up Multilevel Inverter

M.Arul Prasanna, **P. Soundar Rajan**, I. Gerald Christopher Raj, K. Dhayala Sundaram

Test Engineering and Management

Volume - 82 | PP. 10681 – 10689.

A Study and Hardware Implementation of Enhanced Isolated Boost DC-DC Converter with the Reduced Number of Switches

I. Gerald Christopher Raj, **P. Soundar Rajan**, G. Praveen Raj, J. Anjel

International Journal of Innovative Technology and Exploring Engineering (IJITEE)

Volume - 8 | Issue - 5S | PP. 532-536.

Energy Storage In Battery for Remote Area Using Wind DFIG Generation Arul Prasanna M,

Soundar Rajan P, Praveenraj G

International Journal of Advances In Signal And Image Sciences

Volume - 5 | Issue - 1 | PP. 22-28

Performance Comparison of Eleven Level and Fifteen Level Inverter With Minimum Number of Switches

P. SoundarRajan, Dr.S.Manoharan, G.Praveenraj

International Journal of Pure and Applied Mathematics

Volume - 118 | Issue - 11 | PP.179-186

A New Control Strategy for Cascaded Multilevel Inverter with Reduced Number of Switches

P. SoundarRajan, Dr.S.Manoharan, Dr.I.Gerald Christopher Raj

Advances in natural and applied sciences.

Volume - 11 | Issue - 3 | PP.199-210

Analysis on Power Quality Issues of VSI with an Improved Modulation Strategy

P. SoundarRajan, Dr.S.Manoharan, Dr.I.Gerald Christopher Raj, G.Praveenraj

International journal of control theory and application

Volume 10 | Issue - 2 | PP.241-251

An Improved Switching Topology for Single Phase Multilevel Inverter with Capacitor Voltage Balancing Technique

P. SoundarRajan, Dr.S.Manoharan, Dr.I.Gerald Christopher Raj, Dr.M.Kaliyamoorthy

Journal of Power Electronics

Volume 17 | Issue - 1 | PP.115-126

Lab VIEW based Wireless Notice Board

P. SoundarRajan, Dr.S.Manoharan, Dr.I.Gerald Christopher Raj, M.Selvakumaran

International Journal of Engineering and Applied Sciences (IJEAS)

Volume - 3 | Issue - 11 | PP.85-91

State Space Modelling And Simulation Of CSI Fed Induction Motor Drive System With A Simplified Program

P. Soundar Rajan, I.Gerald Christopher Raj, M.ArulPrasanna, Dr.S.Renuga

Journal of Theoretical and Applied Information Technology

Volume 27 | Issue - 2 | PP.91-98

An Experimental Study of Pattern Mining Technique to improve the Business Strategy

P. Soundar Rajan, S Megala, M Hemalatha, T Christopher

International Journal of Computer Applications

Volume 34 | Issue - 3 | PP.1-5