




THAMIRABHARANI ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Chathirampudukulam, Chidambaranagar - Vepemkulam Road

Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

FACULTY PROFILE

PERSONAL DETAILS							
Name & Qualification	S. Sundararaj						
Designation	Assistant Professor						
Department	EEE						
Total Teaching Experience	13 Years and 06 Months						
Total Research Experience	Nil						
Total Industry Experience	Nil						
Area of Specialization	Power Electronics & Drives						
Email ID	sundararajs@tec-edu.in						
							
				EDUCATION DETAILS			
				Degree	Branch/ Specialization	University	Year
				UG	Electrical and Electronics Engineering	Anna University	2007
PG	Power Electronics & Drives	Anna University	2010				
Ph. D	-	-	-				
RESEARCH / PUBLICATION DETAILS							
Publications in Journal							
<ul style="list-style-type: none">I had published a paper titled "Artificial Neural Network Based Load Forecasting and Economic Dispatch with Particle Swarm Optimization" in International Journal of Scientific & Engineering Research (IJSER) Vol. No:4, Issue No.:5, P. No: 139- 145, ISSN 2229-5518, May 2013.I had published a paper titled "An online distributed power quality monitoring system based on internet and LabVIEW" in International Journal of Scientific & Engineering Research (IJSER) Vol. No:4, Issue No.:5, P. No: 87- 95, ISSN 2229-5518, May 2013							
Conference Proceedings							
<ul style="list-style-type: none">I had presented a paper titled "Voltage Regulation in DC-DC Boost Converter By using Hybrid Control Algorithm" in the National conference on RTC '10 held on 11th & 12th February 2010 organized by the Department of ECE, Annai Mathammal Sheela Engineering College, Namakkal.I had presented a paper titled "Voltage Regulation in DC-DC Boost Converter By using Hybrid Control Algorithm" in the National conference on ITEES'10 held on 24th & 25th February 2010 organized by the Department of EEE, Muthayammal Engineering College, Rasipuram.I had presented a paper titled "Artificial Neural Network based Load and Forecasting with Particle swarm optimization" in the National conference on AIEAIE '13 held on 28th April 2013 organized by							

the Department of EEE, Excel college of Engineering and Technology, Namakkal.

- I had presented a paper titled “A Novel Various Power Quality Monitoring Techniques” in the National conference on AIEAIE ’13 held on 28th April 2013 organized by the Department of EEE, Excel college of Engineering and Technology, Namakkal.

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS

Sl. No.	Professional Society Name	Member ID
01	<i>International Association for Engineers (IAENG)</i>	<i>314138</i>

FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED

Sl. No.	Name of the FDP	Name and address of the venue	Year
1	Electric Field Modeling`	Government College of Engineering, Salem-11	2009
2	English for engineers	Thamirabharani Engineering college	2016
3	Electrical Act, Rules & Code of Practices	NITTTR, Kolkata	2020
4	AI based on novel power distribution and correction technology	Sengunthar Engineering Collge, Erode	2020
5	Innovation, Incubation, Startups & Research Challenges in India	SRM institute of Science and Technology, Chennai	2021
6	Recent trends and developments in Electrical power engineering	Chadalawada Ramanamma Engineering College, Andhra Pradesh	2021
7	Open source software used in drafting and modelling & Analysis	N B Navale Singhad College of Engineering, Solapur	2021
8	Cyber Security in IoT Enabled Smart Grid	Thiagarajar College of Engineering, Madurai	2021
9	Electric vehicle Technologies- A future transportation tools	Bangalore Institute of Technology, Bangalore.	2022

ADDITIONAL RESPONSIBILITIES

Sl. No.	Responsibilities	Description	Year
01	HoD	Responsible to provide strong academic leadership	2013-2015
02	Dept. Placement Coordinator	Responsible to provide students with field placement information	2015-2022
03	Alumni Coordinator	Responsible for organizing events such as reunions and fundraisers, arranging meetings, and handling calls and correspondence	2016-2022
04	Academic Coordinator	Responsible to develop and manage comprehensive academic support program	2020-2022

05	Dept. Timetable Coordinator	Responsible to provide time table for all classes	2015-2020
06	NAAC Criteria 5 member	Responsible for sub criteria 5.4 documents	2020-2022