




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	Mrs. S. Nazrin Salma, B. E., M. E., (Ph. D)		
Designation	Assistant Professor		
Department	Electrical and Electronics Engineering		
Total Teaching Experience	8 Years and 06 Months		
Total Research Experience	5 Years		
Area of Specialization	Control Systems		
Email ID	nazrinsalmas@tec-edu.in		
EDUCATION DETAILS			
Degree	Branch/ Specialization	University	Year
B. E.	Instrumentation and Control Engineering	Anna University, Chennai.	2012
M. E.	Control and Instrumentation Engineering	Anna University, Chennai.	2014
Ph. D	Electrical and Electronics Engineering	Anna University	Pursuing
RESEARCH/PUBLICATION DETAILS			
Conference proceedings			
<ul style="list-style-type: none">I had presented a paper titled “Artificial Intelligence in Autonomous Vehicle – A Review” in the International conference on Communication, Cyber Security, Robotics, Artificial Intelligence and IOT – ICCCRAI 2022 held on 24th June 2022 organized by the Annai Vailankanni College of Engineering, Kanyakumari.			
Patent Applied / Published / Granted			
<ul style="list-style-type: none">A utility model patent is filed and published entitled “Designing a Micro Jammer to Avoid Explosion in Petrol Station Due to Mobile Usage in 2021.A utility model patent is filed and published entitled “A LORA WAN Infrastructure Based Smart Trash Bin Level and Hazardous Gas Management System” in 2022.			
FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED			
Sl. No.	Name of the FDP	Name and address of the venue	Year
1.	Evolutionary Computation	National College of Engineering, Tirunelveli.	2012

2.	Optimization Techniques in Electrical Systems	National College of Engineering, Tirunelveli.	2013
3.	Control Systems	National College of Engineering, Tirunelveli.	2014
4.	Electrical Power Systems	National College of Engineering, Tirunelveli.	2017
5.	MATLAB Programming	Velammal College of Engineering and Technology, Madurai.	2018
6.	A practical approach to modern measurement and control techniques using Lab VIEW	Karpagam College of Engineering, Coimbatore.	2018
7.	Smart Grid	Velammal College of Engineering and Technology, Madurai.	2018
8.	Innovation, Incubation, Startups and Research Challenges in India(Online)	SRM Institute of Science and Technology, Chennai.	2021
9.	Recent trends and developments in Electrical Power Engineering(Online)	Chadalawada Ramanamma Engineering College, Tirupati.	2021
10.	Renewable Energy Intervention in Industry, Commercial and Domestic Application (Online)	Rajeev Gandhi Memorial College of Engineering and Technology, Andhra Pradesh.	2021
11.	Renewable Energy Systems(Online)	Sai Ram Engineering College, Chennai.	2021
12.	Electric Vehicles (Online)	National Institute of Technology, Calicut.	2021
13.	Cyber Security in IOT Enabled Smart Grid(Online)	Thiagarajar College of Engineering.	2021
14.	Electric Vehicles(Online)	Maulana Azad National Institute of Technology.	2021
15.	Using IQAC as a catalyst for Meaningful Quality Enhancement: An Indian Perspective (Online)	ABES Engineering College, Ghaziabad, India.	2021
16.	Recent advancements in High Voltage Engineering – RHVE 2K21 (Online)	SRM Valliammai Engineering College, Kattankulathur.	2021
17.	National Educational Policy 2020 (Online)	Thamirabharani Engineering College, Tirunelveli.	2021
18.	IOT and Wearable Innovation for Home based COVID Care	Aarupadai Veedu Institute of Technology, Chennai	2021

19.	Quality Enhancement for higher NAAC grade and related proper documentation	Keshav memorial institute of commerce and sciences	2021
20.	MATLAB with Simulink & MATLAB with Machine Learning	DMI College of Engineering, Chennai	2021
21.	Recent trends in Smart Grid	Arasu Engineering College	2021
22.	Roadmap to get a quality patent	DMI College of Engineering, Chennai	2021
23.	Overview of MEMS and its recent applications	DMI College of Engineering, Chennai	2021
24.	Emerging Trends in Internet of Energy	PET Engineering College	2022
25.	Problem Solving and Ideation	SCAD College of Engineering and Technology	2022
26.	Intellectual Property Rights	Thamirabharani Engineering College	2022
27.	Introduction to Artificial Neural Network	Christ The King Engineering College	2022
28.	Simulation of Power Converters using Matlab-Simulink	Sri Sivasubramaniya Nadar College of Engineering	2022
29.	Performance analysis of power converters using various modern control techniques for research perspectives	Aalim Muhammed Salegh College of Engineering	2022
30.	Solar Projects, Future Technology, Growth & Opportunities	Madanapalle Institute of Technology & Science	2022
31.	Augmented Reality, Virtual Reality & Metaverse Development	Naan Muthalvan	2022
32.	Electrical Vehicle Technologies – A Future	Bangalore Institute of Technology, Bangalore	2022
33.	Bio-Medical Sensors and Signal Processing	Loyola Institute Of Technology, Chennai	2023
34.	Research Innovations and Emerging Advances in Electrical Engineering	Easwari Engineering College, Chennai	2023
35.	National Intellectual Property Awareness Mission	Intellectual Property India	2023

ADDITIONAL RESPONSIBILITIES

Sl. No.	Responsibilities	Description	Year
1.	Timetable Coordinator	To allot subjects to the faculty based on their specialization and preferences, to ensure better utilization of time and resources and to provide a balanced workload for the faculty in order to have better performance	2020 Onwards
2.	Class Advisor and Mentor	To maintain the student's record, counsel and motivate the students.	2020 Onwards
3.	Control System Lab Incharge	To plan, organize, direct and coordinate a range of activities for maintaining the lab and train the lab technician, purchase the necessary equipment, service the equipment periodically and maintain the lab stocks.	2022 Onwards
4.	NAAC Criteria -6 Member	To prepare and maintaining all the necessary documents related to the sub criteria.	2020 Onwards
5.	Porunai Tamizh Mandram Coordinator	To spread the knowledge and understanding of Tamil language, beliefs, history and cultural values to students by conducting seminars and events	2022 Onwards