



# 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.SULOCHANA, M.E.,			
Designation	Assistant Professor			
Department	ECE			
Total Teaching Experience	13 Years & 11 Months			
Total Research Experience	Nil			
Total Industry Experience	Nil			
Area of Specialization	Information & Communication			
Email ID	sulochanas@tec-edu.in			
EDUCATION DETAILS				
Degree	Branch/ Specialization	University	Year	
UG	Electronics & Communication Engineering	Anna University- Chennai	2005	
PG	Communication Systems	Anna University- Tirunelveli	2011	
Ph.D (Pursuing)	Information & Communication	Anna University- Chennai	-	
RESEARCH / PUBLICATION DETAILS				
Publications in Journal				
Sl. No.	Paper Title	Name of the Journal	Volume No & Page No	Month & year of publication
1	Reduction of Musical Noise by Wiener Post Processing Method	International journal Of scientific & Engineering Research	Volume5, Issue 1, ISSN 2229-5518, Page No 2182-2186	January 2014
2	Automatic Anatomical Segmentation Techniques In 3D MRI Brain	International Journal of Applied Engineering Research	Volume 10, Issue 4,ISSN 0973-4562, Page No	April 2015

	Segmentation Evaluation Based on Modified Fuzzy Clustering Method	(IJAER)	8487-8498	
3	VLSI implementation of ADC using aliasing free PWM	International Journal of Research and Scientific innovation	Volume 3, Issue 4, ISSN 2321-2705, Page No 103-107	April 2016
4	Generation of Power using Piezoelectric and heat sensor	International journal of Current Engineering & Scientific Research	Volume 6, Issue 1, ISSN 2394-0697, Page No 36-40	January 2019
5	Design Specific Path Delay Testing in Look up table based FPGA's	International journal for Scientific and Advanced Research in Technology	Volume 5, Issue 3, ISSN 2395-1052, Page No 263-268	March 2019

### Conference Proceedings

Sl. No.	Date	Name of the Conference	Title of the paper	Venue
1	05/03/2015 & 06/03/2015	International Conference on Networks, Electronics, Communication & Control	Implementation of aliasing free digital pulse width modulation in ADC	CAPE Institute of Technology
2	07/03/2015	National conference on recent trends in Communication & Information Technology	Design & Implementation of aliasing free digital PWM in ADC	Knowledge Institute of Technology
3	28.03.2017	National conference on Engineering & Applications	Power Generation using Piezo Electric & Heat sensors using Arduino	Universal College of Engineering
4	16.03.2018	National conference on recent trends in VLSI, Communication & Embedded Technologies	Smart Walking Stick for Blind Person	Dr. Sivanthi Aditanar College of Engineering
5	9.03.2019	National conference on Innovative Technologies in Engineering	An Affordable Ecological Age Booking Considering Air	Dr. G. U. POPE College of

			Profanation Control by Producing Electricity	Engineering
6	14.03.2019	National conference on recent trends in VLSI, Communication & Embedded Technologies	A Clever System of Providing outpass using Android Application.	Dr. Sivanthi Aditanar College of Engineering
<b>Books / Chapters Published</b>				
Nil				
<b>Fund Received</b>				
<b>Sl. No.</b>	<b>Sponsored Agency</b>	<b>Title of the Project</b>	<b>Period</b>	<b>Amount</b>
1	TNSCST	Android application for college Management system		Rs. 7000/-
<b>Patent Applied / Published / Granted</b>				
Nil				
CITATIONS				
H-INDEX				
<b>RESEARCH GUIDANCE DETAILS</b>				
<b>Sl. No.</b>	<b>University</b>	<b>Supervisor ID / Reference</b>		
1	Anna University Regional Campus - Tirunelveli	2640089- Dr. S. Suja Priyadharshini		
<b>PROFESSIONAL SOCIETY MEMBERSHIP DETAILS</b>				
<b>Sl. No.</b>	<b>Professional Society Name</b>	<b>Member ID</b>		
1	Indian Society for Technical Education (ISTE)	LM94513		
<b>FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED</b>				
<b>Sl. No.</b>	<b>Name of the FDP</b>	<b>Name and address of the venue</b>	<b>Year</b>	

1	Five Day National Level Faculty Development Programme (FDP) on Advances in MEMS, RF MEMS & Signal Processing	Presidency University- Online	2022
2	Virtual FDP on “Research Methodology and IPR”	St. Xaviers Catholic College of Engineering, Chunkankadai, Nagercoil.	2022
3	Embedded Systems using ARM 7 Microcontroller EC 6711 (Embedded Lab)	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	2015
4	Embedded Systems with ARM 7 Microcontroller	Govt College of Engineering, Tirunelveli	2015
5	EC 6403 Electro Magnetic Fields	Sri Vidya College of Engineering & Technology, Virudhunagar	2014

#### ADDITIONAL RESPONSIBILITIES

Sl. No.	Responsibilities	Description	Year
1	Class Advisor – III ECE	Maintaining WSPR, Master Attendance File	2021-22
2	Department Exam Cell Co-ordinator	Maintaining IAT Seating Arrangement, IAT Questions, Attendance Files	2021-22

#### AWARDS / ACHIEVEMENTS

Sl. No.	Awards/ Achievements	Description	Year
	Nil		