PERSONAL DETAILS AND AFFILIATION

Name of the Faculty Member	**S.SULOCHANA**
Designation	Assistant Professor
Department	Electronics & Communication Engineering
Date of joining the institution	08.05.2023
Date of Birth	24.05.1984
Address for Communication	Plot No: 294, Kiruba Nagar, Keezhanatham Post, Tirunelveli.
Email ID	sulochana-ece@nec.edu.in

EDUCATIONAL QUALIFICATION

S.NO.	QUALIFICATION	INSTITUTION STUDIED	UNIVERSITY / BOARD	YEAR OF PASSING
1	B.E. (ECE)	Francis Xavier Engineering College	Anna University-Chennai	2005
2	M.E. (Communication Systems)	PET Engineering College, Valliyoor	Anna University-Tirunelveli	2011
3	Ph.D.,	Anna University-Chennai	Anna University-Chennai	Pursuing

EXPERIENCE

S.NO.	NAME OF THE INSTITUTION / ORGANIZATION	POSITION HELD	FROM	TO	EXPERIENCE Y	M
1	National Engineering College, Kovilpatti	Assistant Professor	08.05.2023	Till Date	-	1
2	Thamirabharani Engineering College	Assistant Professor	19.08.2021	29.10.2022	1	2

3	Dr. SivanthiAditanar College of Engineering	Assistant Professor	08.07.2013	09.08.2021	8	1
4	SCAD College of Engineering & Technology	Assistant Professor	02.12.2010	26.10.2012	1	11
5	SCAD College of Engineering & Technology	Lecturer	05.03.2007	30.06.2009	2	4
6	V.P.M.M. Engineering College for Women	Lecturer	03.04.2006	03.03.2007	-	11

LIST OF INTERNATIONAL JOURNAL PUBLICATIONS	
1	Published a research paper entitled, 'Design Specific Path Delay Testing in Look up tal based FPGA's" in "International Journal for Scientific and Advanced Research Technology", 5(3), 2395-1052,(2019).
2	Published a research paper entitled, "Generation of Power using Piezoelectric and heat sensor" in "International Journal of Current Engineering & Scientific Research", 6(1),2394-0697, (2019).
3	Published a research paper entitled,"VLSI Implementation of ADC Using Aliasing Free Pu Width Modulation" in "lJRSl", 3(4),103-107, (2016).
4	Published a research paper entitled, "Automatic Anatomical Segmentation Techniques In 3D MRI Brain Segmentation Evaluation Based on Modified Fuzzy Clustering Method" in "IJAER", 10 (4), 8487-8498, (2015).
5	Published a research paper entitled, "Reduction of Musical Noise by Weiner Post processing Method" in "IJSER", 5(1),2182-2186, (2014).

LIST OF NATIONAL/INTERNATIONAL CONFERENCES PUBLICATIONS	
1	Presented a paper in the, "National Conference on Recent Trends in VLSI, Communication & Embedded Technologies", title "A Clever System of Providing Outpass Using Android Application" in Dr.SivanthiAditanar College of Engineering on 14.03.2019
2	Presented a paper in the, "National Conference on Innovative Technologies in Engineering", title "An Affordable Ecological Age Booking Considering Air Profanation Control by Producing Electricity" in Dr.G.U.POPE College of Engineering on 09.03.2019
3	Presented a paper in the, "National Conference on Recent Trends in VLSI, Communication & Embedded Technologies", title "Smart Walking Stick for Blind Person", Dr.SivanthiAditanar College of Engineering on 16.03.2018

4	Presented a paper in the, "National Conference on Engineering & Applications" title "Power Generation Using Piezo Electric & Heat Sensors Using Ardino" in Universal College of Engineering on 28.03.2017.
5	Presented a paper in the "National Conference on Recent Trends in Communication & Information Technology", topic "Design &Implementation of Aliasing Free Digital PWM in ADC" in Knowledge Institute of Technology on 07/03/2015
6	Presented a paper in the, "International Conference on Networks, Electronics, Communication & Control" title "Implementation Of Aliasing Free Digital Pulse Width Modulaton in ADC" in CAPE Institute of Technology from 05/03/2015 to 06/03/2015.
7	Presented a paper in the, "International Conference in Modeling Optimized and Computing" title "Detection of Ventricular Ectobic Beat in Non-invasive Fatel ECG Extraction" in Noorum Islam Centre for Higher Education on 11.04.2012
8	Presented a paper in the, "International Conference in Innovative Techniques in Power Engineering & Drives", title "Level Set Approach to Segmentation Bias Correction of MRI Images with Intensity Inhomogenity" in Velammal College of Engineering on 22.03.2012
9	Presented a paper in the, "International Conference on Intelligent Science and Technology" title "Reduction of Residual Noise by Time-Frequency Block Thresholding" in SUN College of Engineering & Technology on 25/03/2011.

WORKSHOPS/SEMINARS /TRAINING PROGRAMMES ATTENDED		
S.NO.	NAME OF THE PROGRAMME & VENUE	DATES WITH DURATION
1	National Level Seminar on Recent Trends in Communication Technologies organized by Velammal College of Engineering	27.08.2010
2	National Workshop on MATLAB Programming and Applications organized byKongu Engineering College	20.07.2012 - 21.07.2012
3	National Workshop on Embedded Systemsorganized byDr.SivanthiAditanar College of Engineering, Tiruchendur.	19.08.2013
4	National Workshop on 3G/4G Mobile Technology with EMI-EMC Compliance & RF Design Using ANSOFT Softwareorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	20/02/2014 & 21/02/2014
5	National Workshop on VLSI Design & Implementation Using Xilinxorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	25/03/2014 26/03/2014
6	National Workshop on ARM Processor Architecture and Interfacingorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	09/08/ 2014

7	National Workshop on Software Defined Radioorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	30$^{/}$/01/2015
8	National Workshop on Design Skills with ANSOFTorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	20/02/2015 & 21/02/2015
9	IEEE Sponsored Two Days National Workshop on ARM7 With hands on Trainingorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	29/09/2015 & 30/09/2015
10	IEEE Sponsored One Day National Workshop on Signal & Image Processing Using MATLAB organized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	26/09/2016
11	National Workshop on Controllers and Communication System Design Using LABVIEW organized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	01.04.2017
12	Hands on With LATeX organized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	26.04.2017
13	National Workshop on Research Awareness Seminar Boot Camp for Engineering Researchersorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	09.11.2017 & 10.11.2017
14	National Workshop- Industry Orientation on Embedded System Developmentorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	08.01.2018 to 14.01.2018
15	Industry Orientation Workshop- Embedded Design with Beaglebn Development Boardorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	24.02.2018
16	National Workshop on Research Avenues of Electronics &communication Engineersorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	24.08.2018 & 25.08.2018
17	National Workshop on Signal Processing & Photonics Applications in MATLABorganized by Dr.SivanthiAditanar College of Engineering, Tiruchendur.	01.03.2019 & 02.03.2019
18	Webinar on Emerging Trends and Solutions for Low Power VLSI Circuitsorganized by Francis Xavier Engineering College, Tirunelveli.	10.06.2020
19	Webinar on Challenges and Opportunities in VLSI Designorganized byVV College of Engineering,Tisayanvillai.	12.06.2020
20	Webinar on Antennaorganized byPET Engineering College, Valliyoor	31.05.2021
21	Webinar on Artificial Intelligence and Machine Learningorganized bySri Ramakrishna Institute of Technology	31.05.2021
22	Webinar on SLAM Roboticsorganized bySri ChandrasekerendraSaraswathiViswaMahavidyalaya, Kanchipuram.	01.06.2021

23	Roadmap to get Quality Patentorganized byDMI College of Engineering	06.10.2021
24	Machine Learning Using Pythonorganized byIEEE Madras Section	03.12.2021 to 05.12.2021
25	Emerging Trends in Internet of Energyorganized byPET Engineering College	25.01.2022
26	Pitching Events for Ideas Scouted and Linkage with Innovation Ambassadors for Mentorship Supportorganized bySCAD College of Engineering & Technology	31.01.2022

STUDENT FUNDED PROJECTS

1	**TNSCST**sponsored for student project entitled,Android application forCollege managementSystem with a total cost Rs.7000/- during 2018-19

NPTEL COURSES COMPLETED

1	Successfully Completed NPTEL course Digital Electronics during Jan – April 2019

FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED

Sl. No.	Name of the FDP	Name and address of the venue	Year
1	Five day online Faculty Development Training Program on Recent Advancements in Artificial Intelligence & IOT	R.M.K. College of Engineering & Technology, Tiruvallur	2023
2	Five Day National Level Faculty Development Programme (FDP) on Advances in MEMS, RF MEMS & Signal Processing	Presidency University- Online	2022
3	Virtual FDP on "Research Methodology and IPR"	St. Xaviers Catholic College of Engineering, Chunkankadai, Nagercoil.	2022
4	Embedded Systems using ARM 7 Microcontroller EC 6711 (Embedded Lab)	Dr. SivanthiAditanar College of Engineering, Tiruchendur	2015
5	Embedded Systems with ARM 7 Microcontroller	Govt College of Engineering, Tirunelveli	2015
6	EC 6403 Electro Magnetic Fields	Sri Vidya College of Engineering & Technology, Virudhunagar	2014

TECHNICAL LECTURES DELIVERED			
Sl. No	**Area of the Guest Lecture**	**Venue**	**Date**
1	Recent trends in Digital Signal Processing	Holy Cross Engineering College	21.09.2013
2	Filter Design in DSP	CAPE Institute of Technology	26.09.2017
3	Application of MATLAB	CAPE Institute of Technology	24.09.2018

MEMBERSHIP DETAILS	
1	Indian Society for Technical Education(ISTE) - Life Member-LM94513

SIGNATURE