CURRICULUM VITAE

Dr. N. SOZHAMADEVI
Assistant Professor
Department of ECE
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➢ **Research Area:**
- ▪ Control and Instrumentation
- ▪ Embedded Systems
- ▪ Signal Processing

➢ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (specialization)	Anna University	2016		
PG (specialization)	Annamalai University	2002	7.45(CGPA)	I
UG (specialization)	Annamalai University	1987	66.73	II

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
University College OfEngineering, BitCampus,Tiruchirappalli	AssistantProfessor	26-08-2009	Till	
V.R.S College OfEngineering AndTechnology,Arasur,VillupuramDistrict	AssistantProfessor	22-07-2002	24-08-2009	7
PadalesuwararPolytechnic, Cuddalore-607002	Lecturer	01-06-1999	31-05-2000	1
Thiru Seven HillsPolytechnic,Chennai-102	Lecturer	17-07-1992	05-05-1994	2
Elumalai Polytechnic,Villupuram	Instructor	16-06-1988	02-12-1991	3

➢ **Awards / Honours Received:**

1. **Best Paper Award** - Design And Implementation Of Probabilistic Fuzzy Logic Control System In The International Conference On Emerging Trends In Science Engineering

And Technology In Association With Ieee And Springer J.J. College Of Engineering And Technology, Tiruchirappalli **– 2012**

2. **Master Trainer –** TEQIP sponsored Foundation skills in Integrated Product Development Train the Trainer Programme - **2016**

3. **Topper With GradeOfElitePlusSilver** - **NPTEL** OnlineCertification Course OnControl Engineering- **2019**

➢ **Additional / Academic Responsibilities at University:**
   1.

➢ **Membership of Scientific and Professional Societies:**

   1. Life member in The Institution of Engineers (India)

   2. Life member in Indian Society for Technical Education(ISTE)

➢ **Fellowships and Grants received:**
➢ **Completed PG/UG Projects:**

   a. Number of PG Projects Completed: 2 Nos

   b. Number of UG Project Completed: 35 batches

➢ **Research Guidance (M.S/Ph.D.) (Completed):**

Sl. No	Name of the scholar	Title of the thesis	Year of registration	Date of viva voce
1.				

➢ **Research Guidance (M.S/Ph.D.) (Ongoing):**

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.				

➢ **Publications:**
   a. **Books / book chapters:**

b. International Journals:

1.   **Sozhamadevi, N** &Sathiyamoorthy, S 2015, 'A Probabilistic Fuzzy Inference System for Modeling and Control of Nonlinear Process', Arabian journal for Science and Engineering, vol. 40, no. 6, pp. 1777-1791. ISSN 1319-8025. DOI 10.1007/s13369-015-1627-8 (Annexure-I). Impact factor: 2.90

2.   **Sozhamadevi, N** &Sathiyamoorthy, S 2015, 'Intelligent modeling of continuous stirred tank reactor process', Int. J. Automation and Control, vol. 9, no.2, pp. 143-157. ISSN 17407516. (Annexure –II).

3.   **Sozhamadevi, N** &Sathiyamoorthy, S 2015, 'Fuzzy Based Soft Computing Technique for Modeling of Nonlinear Process', International Journal of Applied Engineering Research, vol. 10, no. 55, pp. 40-45. ISSN 0973-4562. (Annexure-II).

4.   **Sozhamadevi, N** &Sathiyamoorthy, S 2015, 'Modeling and Control of an Unstable System using Probabilistic Fuzzy Inference System', Achieves of Control Sciences. ISSN 12302384, vol.25 (LXI), pp. 377-396, (Annexure-II).

c. National Journals:

➢ **Patents:**

➢ **Sponsored Research Projects:**

Sl.No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status

➢ **Consultancy Activities:**

Sl.No	Name of the work	Role (PI/Co PI)	Agency	Amount	Duration

➢ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

1. Organized a Two days national level seminar on "Speech Processing and its applications" from 24.07.2010 to 25.07.2010
2. Organized a TEQIP II sponsored two days workshop on "Intel 8051 Microcontroller Based System Design" from 20.10.2013 to 21.10.2013
3. Acted as one of the Co-coordinator in organizing TEQIP-II sponsored course on "Foundation Skills in Integrated Product Development" together with TEQIP-II BIT Campus, Anna University, Tiruchirappalli-620024 in association with Anna University, Chennai in conformance with the memorandum of understanding signed with the IT-ITeS Sector Skills council NASSCOM(23.11.2015 – 27.11.2015)
4. Organized TEQIP II sponsored two days workshop on "VLSI Design using Cadence Tool" from 25.02.2016 to 26.02.2016
5. Organized a one Day National Level Workshop on "Analog and Digital Circuits Simulation using LABVIEW"on 12.09.2019

➢ List of Seminar / Short Term Course /FDP/ Workshop attended:

1. Two days workshop on "Networking Simulator Tools" organized by Dept. of ECE, Anna University Tiruchirappalli, Tiruchirappalli on 17.07.2010 & 18.07.2010.
2. One day national level workshop on " Discrete Event Simulation for Protocol Design in wireless networks" organized by Dept. of ECE, Anna University of Technology Tiruchirappalli, Tiruchirappalli on 22.12.2010.
3. Three days national level workshop on " Emerging Trends on High – end FPGAs" organized by Dept. of ECE, Anna University of Technology-Tiruchirappalli, Tiruchirappalli from 10.12.2010 & 12.12.2010.
4. One day workshop on " Teaching Methodologies" organized by Dept. of English, Anna University of Technology-Tiruchirappalli, Tiruchirappalli on 08.01.2011.
5. Two days national level seminar on " Design Issues & Research Challenges of OFDM in wireless networks" organized by Dept. of ECE, Anna University of Technology Tiruchirappalli, Tiruchirappalli on 04.02.2011 & 05.02.2011.
6. CSIR Sponsored Two days national Seminar on " Fuzzy mathematical modeling and Optimization Techniques" organized by Dept. of Mathematics, Anna University of Technology-Tiruchirappalli, Tiruchirappalli on 27.07.2011 & 28.07.2011
7. One day seminar on " Research Methodologies" organized by Centre for Research, Anna University of Technology-Tiruchirappalli, Tiruchirappalli on 27.08.2011.
8. ACDOS 1st workshop on "Fascinating and Challenging Applications of Estimation", Dept. of ICE, National Institute of Technology, Trichy on 10.11.2011 & 11.11.2011.

9. UGC Sponsored workshop on " Advances in Process Control System Design and Implementation" organized by Dept. of EIE, Faculty of Engineering & Technology, Annamalai University, on 02.03.2012 & 03.03 2012.

10. One Day National Level Seminar on "Strategic Teaching Quality Management for Technical Teachers (STQM-13) " on 16t h March 2013 Organized by Department of Electronics and Communication Engineering Anna University Regional Centre BIT Campus Tiruchirappalli-620024.

11. Attended UGC sponsored orientation course, Batch 111 organized by the UGC - Academic Staff College, University of Madras,Chennai-600005 from 22.05.2013 to 18.06.2013 (28 days).

12. Attended TEQIP II sponsored Faculty Developed Program on "EC 2204 –Signals and systems" at Anna University, Chennai from 15.07.2013 to 19.07.2013 organized by Centre for Faculty Development, Anna University.

13. Attended TEQIP II Sponsored Faculty Development Program on "IC 2401 Digital Control Systems" at MIT Campus, Anna University, Chennai from 02.12.2013 to 08.12.2013 organized by Centre for Faculty Development, Chennai.

14. Seminar on 'LABVIEW and Data Acquisition' and hands-on session conducted by National Instruments, Bangalore at Hotel Breeze Residency, Tiruchirappalli on 26.02.2014.

15. Attended TEQIP-II sponsored FDP on Nano science applications in engineering and technology from 06.05.15 to 19.05.15 organized by petro chemical engineering dept., BIT Campus, Trichy

16. Attended the TEQIP sponsored "Foundation Skills in Integrated Product Development" Train-the-Trainer program from 27.09.2015 to 01.10.2015 at Anna University, Chennai organized by Centre for Faculty Development, Anna University , Chennai in collaboration with IT-ITeS Sector Skills council NASSCOM.

17. Attended TEQIP-II sponsored two week FDP on "Enhancement of classroom communication" from 18.07.16 to 31.07.16 (14 days)organized by department of English, BIT Campus, Anna University, Tiruchirappalli.

18. Attended one day faculty training program on "Advanced communication system" on 11.07.2017 organized by the department of electronics and communication engineering, University College of engineering, BIT campus, Tiruchirappalli.

19. Attended the FDP Online Course "On Control System Design" organized by NPTEL - AICTE from 01-07-2018 to 23-10-2018, IISC Bangalore

20. Attended one day workshop on "Asana And Breathing Exercise"on 07-02-2018 organized by department Of Physical Education, University College Of Engineering, Bit Campus Tiruchirappalli

21. Attended one Week Fdp On "Deep Learning And Applications" from 09-12-2019 to 13-12-2019 organized by Electronics And Ict Academies And University College Of Engineering Bit Campus Tiruchirappalli

22. Attended the FDP Online Course on "Control Engineering" organized by NPTEL - AICTE from07-2019 to 07-10-2019, IITMadras

23. Attended the 2 Weeks Online Industrial Training Program and 1 Week Field Training For Faculty on Communication and Networking Technologies organized by BSNL Rajiv Gandhi Memorial Telecom Training Centre, Chennai from 30-07-2020 to 19-08-2020.

24. Attended 5 days online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by AICTE from 28.02.2022 to 04.03.2022.

25. Attended 0ne-month online "Faculty Induction Programme" organized by Teaching Learning Center, Ramanujan College, University of Delhi under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme from 22.03.2023 to 20.04.2023

National / International Conferences organized / Participated:

1. **N Sozhamadevi**, RM Balameera, S Dharanikumari, A Jayalakshmi, J Jegatheeswari, 2016, 'Internet of Things from Research Analysis and Innovation to Market Development', International Conference On Emerging Trends In Electrical Electronic And Communication Engineering(ICEEECS'16), 50-55.

2. **N Sozhamadevi**, M Abirami, R Pandiselvi, R Revathy, 2016, 'Automated Blood Bank Management System Using Direct Call Routing Technique', International Conference On Emerging Trends In Electrical Electronic And Communication Engineering(ICEEECS'16), 2,101-104.

3. **Sozhamadevi, N**, Sathiyamoorthy, S & Narendhira, LS2015, 'Fuzzy Based Soft Computing Technique for Modeling of Nonlinear Process', International conference on Advances in Applied Engineering and Technology. ISSN 09734562.

4. **N Sozhamadevi,** LS Narendhira, R Mahendravarman, 2014, 'Fuzzy Logic Control of Washing machines', National Conference on Innovations in Engineering Design, 231-233.

5. **Sozhamadevi, N,** Sagaya Lourdu Delcause, R &Sathiyamoorthy, S 2012, 'Design and Implementation of Probabilistic Fuzzy Logic System', International Conference on Emerging Trends in Science, Engineering and Technology, IEEE & Springer, pp. 523-531.

➢ **Professional recognitions:** (details like chairperson/member of a committee, reviewer, editor …etc)
- Institute level coordinator for Indian Institute of Remote Sensing (IIRS)
- Anti- ragging Committee member

(A) Chairperson for conferences / Seminar / Technical symposia:

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(B) Guest lectures delivered:

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