Name:	LOGESWARI.N			
Designation:	Assistant Professor			
Qualification:	B.E., M.E.,(Ph.D)			
Area of specialization:	Embedded systems Technologies			
Experience : (As on December 2022)	**Industrial Experience**		**Teaching Experience**	
	1 Year		14 Years 6 Months	
Number of workshop / FDP organized:	**Workshops**		**FDPs**	**Conferences**
	-		1	-
Number of workshop / FDP attended:	04		8	4
Publications:	**Conference**		**Journal**	
	National	**International**	**National**	**International**
	1	2	0	1
Professional Body Membership:	ISTE - Life Member, IEEE-Senior Member			
Staff Achievements:	1. Completed PG Certificate Program on IoT and Embedded Systems-Cohort 2, from Feb 23, 2025 to Nov 30, 2025 under supervision of Dr. Ankit Dubey , Department of Electrical Engineering, Indian Institute of Technology Jammu. 2. Recognized as NPTEL -Believer STAR during the Jan-June 2025 3. Recognized as Faculty Guide Niral Thiruvizha1.0 by Tamilnadu Skill Development 4. Received Best Paper Award for the paper presented in Research Trends in AI & loT for Infrastructure and Industry (AIII 2024)" by the CEntre for Research, Anna University.			

EXPERIENCE: ACADEMIC/INDUSTRY

Sl. No.	Name of the college	Position held	Period	
			From	**To**
1.	Sri Sairam Engineering College	Assistant Professor	June 2013	Till date
3.	Valliammai Engineering College	Assistant Professor	February 2011	May 2013
4.	Vel's Srinivasa College of Engineering and Technology	Lecturer	July 2007	January 2009
5.	Government Poly Technic College	Lecturer	June 2005	May 2007
6.	Chennai Port Trust	Graduate Trainee	May 2003	May 2004

WORKSHOP / FDP / CONFERENCE:

S. No.	Name of the Program	Name of the Institution	No. of Days	Date
1	Short Term Training Programme on "Emerging Trends and Research Challenges in Next Generation Wireless Networks"	Kongunadu College of Engineering and Technology	6 Days	01.02.2021 to 06.02.2021.
2	AICTE Training And Learning (ATAL) Academy Online FDP on "Waste Technology	IILM College of Engineering & Technology	5 Days	2021-1-27 to 2021-1-31
3	AICTE Training And Learning (ATAL) Academy Online FDP on "Machine Learning and Pattern Recognition"	at MET's Institute of Engineering.	5 Days	2021-1-18 to 2021-1-22
4	AICTE sponsored AICTE sponsored Two weeks Faculty Development Programme on Advances in Power Electronics for Smart Grid, Renewale Energy Systems and Electric Vehicle Technology	Agni College of Technology.	Two Weeks	26.10.2020 to 7.11.2020
5	Workshop on Battery Technology for E--vehicle"	IIITDM Kancheepuram, Chennai.	3 Days	26th -28th December, 2019

6	Organised AU sponsored FDP on CMOS Analog IC Design	Sri Sairam Engineering College	6 Days	25.11.2019- 30.11.2019

CONFERENCES:

S. No.	Title	Month/Year
1	PV System based Zeta Converter with 3Φ Inverter for high Speed BLDC motor Applications,ITDECC21, SRM Institute of Science and Technology	17th &18th May 2021
2	"Bidirectional Wireless Power Transfer System Using Current Fed Converter" Rajalakshmi Engineering College	March 2018
3.	Air Writing Recognition using Machine Learning Algorithm,in International Conference (AIIII2024) ,by Centre for Research, Anna University	March 6-8,2024
4.	Giving Voice to Voiceless AI based Two way Sign language system 2026- IEEE International Conference on Technology and Management For Sustainable Development (ICTMSD-26)	February 6th &7th 2026

Publications:

S. No	Title& Journal Name
1.	Published a paper on Virtual Brain: Model-Based Framework for Dependable EEG Sensing And Actuation In Intelligent Brain IoT System, in International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
2	Published a paper on Optimized Wireless Power Transmission System with Magnetic Coupled Resonance Technique in International Journal of Advanced Science and Technology.
3	Published a paper on Investigation on On-Board charger with Simultaneous Charging of Low Voltage Battery for Electric vehicles in International Journal of Advanced Science and Technology.
4	Logeswari, N., Badri Krishnan, A., Nithishkumar, G., & Sashaank, S. (2023, May). Implementing Automatic ABCD Rule for the Classification of Benign and Malignant Skin Lesions. In *International Conference on Intelligent Computing, Smart Communication and Network Technologies* (pp. 312-320). Cham: Springer Nature Switzerland.
5	Meenakshi, B., Logeswari, N., Sivaprasad, R., Brindha, J., Janani, N., & Gokula Subashree, N. (2023, December). Automated Sensing Cleaner. In *2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)* (pp. 1-4).

	IEEE.
6.	Sudhakar, E., Thamilselvi, J., Logeswari, N., Meenakshi, B., & Subhashini, K. (2024, April). Leakage Detection Monitoring in Underground Pipes Using ZigBee in Wireless Sensor Networks. In *2024 International Conference on Communication, Computing and Internet of Things (IC3IoT)* (pp. 1-4). IEEE.
7.	Logeswari, N., Guhan, S. R., & Prasanna, K. (2024, February). Pick and Place PCB Assembling using Rectilinear Arm. In *2024 IEEE International Conference for Women in Innovation, Technology & Entrepreneurship (ICWITE)* (pp. 379-383). IEEE.
8.	Logeswari, N., Harshini, V., & Subalaksmi, L. M. (2024, October). Smart Safe Ride– An Intelligent Rider Safety System for Two-Wheelers. In *2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)* (pp. 1-6). IEEE.
9	SJB Logeswari N, Hemakrishnan A, Easwar S, Tirumalai R, 2025, Conceptualization and Construction of ALERT: Alcohol-Related and Eye Closure Risk Technology,SJB Logeswari N, Hemakrishnan A, Easwar S, Tirumalai R, GRENZE International Journal of Engineering and Technology 11 (2), 292-299
10	Logeswari N, Manirajan V, Naveen B ,Smart Spectacles for Real-Time Obstacle Detection by Integrating Machine Learning and Image Processing, AS International Journal of Electrical, Electronics and Data Communication 2025/3, Volume 12,Issue 12