Name : ANUSUYA.S anusuya.ai@sairam.edu.in **ET24AI07**	
Designation:	Assistant Professor (Artificial Intelligence & Data Science)
Area of Specialization :	Communication systems, Image Processing, deep learning
Experience	Teaching : 16 years. Research : Nil Industrial Experience: Nil

No of Workshop/ FDP attended:	No of Workshop	No of FDP
	12	10

Publications:	Conference		Journal	
	National 1	International 4	National	International 8

Patents	National	International
	Nil	Nil

Professional body membership	IETE Life member
Awards and Achievements	➢ Best IETE Coordinator in Chennai (2022-2023) ➢ 100% Results award, ➢ Best supporting faculty award

Publications 1 Journal	1. Image Enhancement Techniques: A review – IJRET (International Journal of Research in Engineering and Technology) 2018 2. IOT based Health Monitoring and Analysing System using Thing speak Cloud & Arduino –IJTRET (International Journal of Trendy Research in Engineering and Technology)2021 3. Machine learning approach for measuring water quality of coastline and estuaries in Chennai coastal area -Wiley,May 2023 4. A Comprehensive Review of Glaucoma Detection from Fundus Images using Deep Learning - Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS 2023) IEEE Xplore Part Number : CFP23CB2-ART ; ISBN : 979-8-3503-2579-9 5. Probabilistic and Interpretable approach for malaria transmission forecasting via ARIMA – ieee xplore, 2024
2 Conference	1. Binary LDPC over higher order modulation schemes (2011-International conference) 2. CWDM based reliable ,high capacity BW utilization traffic grooming technique.(2017-International conference) 3. Automatic waste sorting systems(2017-International conference) 4. Soldier health alerting system(2017-International conference) 5. Joint turbo coding for overloaded MIMO-OFDM system.(2018 –

	International conference) 6. E-licensing system. (2018-International conference) 7. Home automation using voice control with security system. (2021-International conference) 8. Glaucoma detection from fundus images using deep learning -A review(2023-IEEE conference)

LIST OF SEMINAR/SHORT TERM COURSES/FDP/WORKSHOP ATTENDED

- VLSI Design workshop
- Seminar on Micro sensors Development and Deployment Challenges
- DSP practice using TEXAS workshop
- Team building workshop
- Seminar on Futuristic approach in Nano Technology for Electronics Engineering
- Electromagnetic Simulation using IE3D workshop
- Faculty development program on Instrumentation & Automation
- Seminar on Applications of Nanotechnology to Energy, Environment & BIO-Technology
- Seminar on NPTEL-National Programme on Technology Enhanced Learning
- Seminar on Recent Advances in Electronics & Instrumentation for oncological detection
- Seminar on Cyber crime &Forensic tools
- Seminar on Information security issues and solutions
- Latex Workshop
- Seminar on Energy Efficient in WSN & its applications
- FDP on **Deep learning with MATLAB and Python**
- Short term course on Advances in Medical Imaging in IIT (BHU) at Varanasi.
- FDP on **AI & ML in next generation communication technologies and systems**.
- FDP on Amazon Web Service
- Course coordinator for Nan Mudhalvan Courses –**AR VR development & Microsoft** .

EDUCATIONAL QUALIFICATION

Pursuing PhD in the Department of Electronics & Communication Engineering , Veltech university in Chennai from 2019

2008-20011	M.E (Communication Systems),Sethu Institute of Technology,Anna university,79% (First Class with Distinction)
2002-2006	B.E(Electronics & Communication Engineering), K.L.N college of Information and Technology, Anna University, 71% (First Class)
April-2002	HSC (State Board) ,89.4%, T.E.L.C GHSS, Madurai
April -2000	SSLC (State Board), 91.2%,R.C.LFGHS,Madurai

Declaration: I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

(Mrs.Anusuya.S)