

<p>Name: JEENA A THANKACHAN</p> <p><a href="mailto:jeena.ai@sairam.edu.in">jeena.ai@sairam.edu.in</a></p> <p><b>ET24AI03</b></p>				
<p>Designation:</p>	<p>Assistant Professor (Department of Artificial Intelligence &amp; Data Science)</p>			
<p>Area of Specialization :</p>	<p>Artificial Intelligence, Machine Learning and Cognitive Science</p>			
<p>Experience</p>	<p>Teaching: 6.3 years Research: Nil Industrial Experience: Nil</p>			
<p>No of Workshop/ FDP attended:</p>	<p>No of Workshop</p>		<p>No of FDP</p>	
	<p>4</p>		<p>1</p>	
<p>Publications:</p>	<p>Conference</p>		<p>Journal</p>	
	<p>National 3</p>	<p>International 10</p>	<p>National 1</p>	<p>International 4</p>
<p>Patents</p>	<p>National</p>		<p>International</p>	
	<p>Nil</p>		<p>Nil</p>	
<p>Professional body membership</p>	<p>--</p>			
<p>Awards and Achievements</p>	<ol style="list-style-type: none"> <li>1. ‘Best Paper Award’ in International Conference on Emerging Trends in Online Teaching, Assessment and Learning (eTOTAL), organized by State Project Directorate, RUSA project, Govet. Of Tamilnadu during Feb 2023</li> <li>2. ‘Anna Centenary Research Fellowship’, Anna University, GRANT_NUMBER: CFR/ACRF-2020/AR1, Date:25.02.2020 during Jan 2020 to Dec 2022</li> <li>3. ‘Best Paper Award’ in International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM-2018) organized by Karpaga Vinayaga College of Engineering and Technology in 2018</li> </ol>			
<p>Publications 1. Journal</p>	<ol style="list-style-type: none"> <li>1. “Automated Computer Program Evaluation and Projects- Our Experiences”, in Research and Reflections on Education (UGC Care) Published in Volume 21 , March 2023, available in <a href="https://arxiv.org/abs/2404.04521v1">arXiv:2404.04521v1</a> with journal reference: <a href="https://www.sxcejournal.com/spe-apr-2023/17.pdf">https://www.sxcejournal.com/spe-apr-2023/17.pdf</a></li> <li>2. “A Machine Learning Approach to Analyse and Predict the Factors in Education System: Case Study of India”, a springer book chapter in Algorithms for Intelligent Systems, Published in August 2021 with Url: <a href="http://dx.doi.org/10.1007/978-981-16-3246-4_48">http://dx.doi.org/10.1007/978-981-16-3246-4_48</a></li> </ol>			

2. Conference

3. "Design of FIR Filter Architecture using Various Efficient Multipliers", in International Journal of Scientific Engineering and Research Volume 5 Issue 4, April 2017 with Url: [Design of FIR Filter Architecture using Various Efficient Multipliers \(ijser.in\)](http://www.ijser.in)
4. "Design and Implementation of Scalable Microprogrammed FIR filter using Wallace Tree and Birecorder", in International Journal of Innovative Research in Computer and Communication Engineering , Vol. 4, Issue 10, October, 2016 with Url: [http://www.ijirset.com/upload/2016/november/133\\_DESIGN.pdf](http://www.ijirset.com/upload/2016/november/133_DESIGN.pdf)
5. "Power Optimization Using Dual Dynamic Node Pulsed Hybrid Flip-Flop based on Footed Logic", in International Journal of Innovative Research in Computer and Communication Engineering Vol. 3, Issue 5, May 2015 with Url: [power-optimization-using-dual-dynamicnode-pulsed-hybrid-flipflop-based-onfooted-logic.pdf \(troj.com\)](http://www.troj.com)
1. "An NLP based Approach to Automate and Enhance the Systematic Review within PRISMA Format" in the IFIP 8th International Conference on Computer, Communication and Signal Processing (ICCCSP 2024) organized by Department of IT, SSN College of Engineering in collaboration with Springer, during March 2024.
2. "Automated Computer Program Evaluation and Projects - Our Experiences" in the International Conference on Emerging Trends in Online Teaching, Assessment and Learning (eTOTAL) organised by organized by State Project Directorate, RUSA project, Government of Tamilnadu, during Feb 2023.
3. "A Machine Learning Approach to Analyze and Predict the Factors in Education System: Case Study of India" in the International Conference on Communication and Computational Technologies (ICCCT 2021) organized by Rajasthan Institute of Engineering and Technology, Jaipur and Rajasthan Technical University, Kota, in Association with Soft Computing Research Society during Feb 2021.
4. "Digital Jewellery made possible using Wireless Communication" in 2nd International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM-2018) organized by Karpaga Vinayaga College of Engineering and Technology, Maduranthagam, Kancheepuram, during Feb 2018.
5. "Mobility Platform for Physically Challenged People Using Wireless Sensor Network" in 2nd International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM-2018) organized by Karpaga Vinayaga College of Engineering and Technology, Maduranthagam, Kancheepuram, during Feb 2018.
6. "Design of Electronic Voting Machine using Solar Power" in 2nd International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM-2018) organized by Karpaga Vinayaga College of Engineering and Technology, Maduranthagam, Kancheepuram, during March 2017.
7. "Design of FIR Filter Architecture using Various Efficient Multipliers" in International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM-2017) organized by Karpaga Vinayaga College of Engineering and Technology, Maduranthagam, Kancheepuram, during March 2017.

	<ol style="list-style-type: none"> <li>8. “Efficient Implementation of FFT Using Combined SDC-SDF in OFDM System” in International Conference on Innovative Research and Solutions (ICIRS 2016) organised by Bharath University in association with Journal of Innovative Research and Solutions, during April 2016.</li> <li>9. “Low Power 4/5 Counter using Dual Dynamic Node Pulsed Hybrid Flip-Flop” in International Conference on Electrical, Electronics and Computer Engineering (ICEECE 2015) organised by Department of EEE and CSE at Vivekanandha College of Engineering for Women, Tiruchengode during March 2015.</li> <li>10. “Performance Evaluation of a QoS MAC Protocol in Wireless Sensor Networks” in Annual International Conference on Emerging Research Areas (AICERA 2011) organized by Amal Jyothi College of Engineering, Kottayam, Kerala during April 2011</li> <li>11. “A Novel Combined SDC-SDFFT based OFDM system for Wireless system” in 9th National Conference on Emerging Trends in Communication and Information Technology (ETCIT'16), Organized by Department of ECE, K S Rangasamy College of Technology, Tiruchengode, Tamilnadu during April 2016.</li> <li>12. “Slot Allocation and Reservation of Parking System using IOT” in 7th National level Conference on Innovative Trends in Advanced Computing (NCITAC'17), organized by Department of CSE in Dhanalakshmi Srinivasan College of Engineering and Technology during March 2017.</li> <li>13. “Performance Evaluation of a QoS MAC Protocol in Wireless Sensor Networks” in a National Conference on Recent Trends in Communication, Computation and Security (NCRITCCS'11), organized by Department of ECE, Christian College of Engineering and Technology, on 11th March 2011</li> </ol>
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**LIST OF SEMINAR/SHORT TERM COURSES/FDP/WORKSHOP ATTENDED**

1. Attended 5 days of NSM-DST Sponsored National Workshop on “High Performance Computing in Engineering Applications (HPCEA)”, held during 28th February to 3rd March 2024, organized by Department of Electrical Engineering and Department of Computer Science and Engineering, National Institute of Technology Warangal
2. Attended 5-day ISEA Workshop on “Blockchain Technologies”, from 16th February to 20th September 2019, organized by Department of CSE & IST, CEG campus, Anna University, Chennai.
3. Attended 2 days of National Workshop on “Hands on Training in MEMS Softwares”, held during 12th to 13th September 2013, organized by Department of Electrical Engineering and Department of Computer Science Instrumentation and Control Engineering, in association with FID Infocom Pvt Ltd at SRM University.
4. Attended 3 days of Workshop on “Symbolic Computing - Signal and Image Processing”, held

