Name : MADHIVADHANI.D					
madhivadhani.ai@sairam.edu.in					
ET24AI04					
Designation:	Assistant Professor (Artificial Intelligence & Data Science)				
Area of Specialization :	Image Processing, Signal Processing, IoT, and Wireless Networks.				
Experience	Teaching : 11 years. Research : Nil Industrial Experience: Nil				
No of Workshop/ FDP attended:	No c	No of Workshop		No of FDP	
		3		2	
Publications:		nference		Journal	
	National 1	International 2	National	International 4	
Patents	N	National		International	
		Nil		Nil	
Professional body membership					
Awards and Achievements					
Publications					
1 Journal	Retransr Technol	1. "Sumrate Maximization by Optimal Precoder Design for MIM Retransmission System." International Journal of Advanced Scientif Technologies, Engineering and Management Sciences (IJASTEM Published in volume 3, Issue 8, August 2017			
	<ol> <li>"Analysis and Mitigation of harmonics in Medical Field." Internation Journal of Advance Engineering and Research Development (IJAER Published in volume 05 Issue 04, April 2018</li> </ol>				
2 Conference	<ol> <li>Fuzzy C Means Clustering and Sea Lion Optimized Routing for Mobile Adhoc Networks in the International Journal of Intelligent Engineering &amp; Systems ,vol.16,No.6,2023,held on September 12,2023</li> </ol>				
	4. HRSHO: A hybrid rain optimized spotted hyena optimizer for efficient feature selection in CNN – based sinusitis classification, Journal published in the Biomedical Signal Processing and Control at science Direct, Journal homepage : <u>WWW.elsevier.com/locate /bspc</u> , 20 september ,2023				
	1. REAL TIME EXAMINE SUBJECT CRITERIA USING ILLUMINATION TECHNOLOGY in the National conference on Pure Emphatic Research Innovations in Science and Engineering held on 7th April 2016 in PERI Institute of Technology				

<ol> <li>An ADJUSTABLE -SPEED PFC SEPIC CONVERTER FED BLDC MOTOR DRIVE USING FUZZY LOGIC CONTROL in the 3rd International Conference on Advance Research and Innovation in Engineering, Science, Technology and Management organized by ARS college of Engineering ,held on 25th March 2017</li> </ol>
<ol> <li>WELD POOL VISUAL TRACKING IN AUTOMATIC ARC WELDING USING GRAPH CUT SEGMENTATION in the International conference on informatics ,Robotics ,Construction &amp; Communication held on 7<sup>th</sup> &amp; 8<sup>th</sup> April,2018</li> </ol>

	TERM COURSES/FDP/WORKSHOP ATTENDED
	n "Pspice & PCB design " organized by the Department of
	ering in Asan Memorial College of Engineering & Technology
held on 06/08/2011	
	shop on ENHANCING NETWORK SIMULATION THRU NS-2 conducted by
*	CS & COMMUNICATION ENGINEERING in Asan Memorial College of Engineering
& Technology held on 3rd & 4	
Attended one day Workshop of technology held on 30th Jun	on COMMUNICATION & IMAGE PROCESSING USING MATLAB in PERI institute
	notional Intelligence, ICT Academy conducted by Kings Engineering College from
09.03.23 to 11.03.23	iononal interrigence, for readenly conducted by Kings Engineering conege nom
	putcome based Education, IQAC, Kings Engineering College, held on 20.08.23
•	
•	Recent Trends in Modern Smart Intelligent Systems, Department of ECE,
	earch Institute from 08.05.23 to 13.05.23
EDUCATIONAL QUALIFICAT	<u>FION</u>
<b>Pursuing PhD</b> Chennai from July 2	in the Department of Electronics & Communication Engineering , Anna university in 023
2007-2009 M.E (Applied Ele	ectronics),Sathyabama university,9.09(CGPA)(First Class with Distinction)
2002-2006B.E( Electronics 71% (First Class)	& Communication Engineering), Meenakshi college of Engineering, Anna University
April-2002 HSC (State Boar	d) 79 %, St Mary's Girls Higher Secondary School, Chengalpet.
April -1999 SSLC (State Boa	rd) 88%, Sri Ramakrishna Mission Girls Higher Secondary school, Chengalpet.

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.MadhiVadhani.D)