


Ms. M. UMA					
Designation:	Assistant Professor				
Qualification:	M.E., Ph.D.,(Pursuing)				
Area of specialization:	COMMUNICATION SYSTEMS				
Experience : (As On June 2023)	Industrial Experience		Teaching Experience		
	-		7 Years 3 Months		
Number of workshop / FDP attended:	Number of Workshops		Number of FDPs		
	8		17		
Publications:	Conference		Journal		
	National	International	SCI	Scopus	Others
	1	1	-	-	2
Patents:	National		International		
	-		-		
Professional Body Membership:	ISTE – Life Member				
Staff Achievements:	Won a cash prize for publishing a paper in the Annexure II Journal in K.L.N.C.I.T in the year 2015.				

	<p>Secure 100% Result in Digital Signal Processing in the year 2012 K.LN.C.IT.</p> <p>Students guided by me got Best Project award in the year 2015 in K.LN.C.IT.</p>			
<b>Workshop Details:</b>	<b>Sl. No.</b>	<b>Title</b>	<b>Venue</b>	<b>Month/Year</b>
	1.	Awareness Workshop On Intellectual Property Rights & Innovation - 2022 (IPR – 2022)	Centre for Intellectual Property Rights (CIPR), Anna University, Chennai	September 2022
	2.	Advanced Electromagnetics and Applications	SSN College of Engineering, Chennai	May 2021
	3.	Universal Human Value on the theme Inculcating Universal Human Values in Technical Education	All India Council For Technical Education	December 2020
	4.	TEQIP Sponsored Workshop On "Computational Electromagnetics And Antennas	Thiagarajar College Of Engineering	March 2014
	5.	Wavelet And Sparse Signal Processing	KLN College Of Information Technology	February 2014
	6.	National Workshop On Statistical Data Processing Research Focus	KLN College Of Information Technology	September, 2013
	7.	Research Issues In Microwave And Optical Networks	KLN College Of Information Technology	June, 2011
	8.	Circuit Simulation & PCB Design Using OrCAD	Anna University Regional Center Coimbatore	February,2011

FDP Details:	Sl. No.	Title	Venue	Month/Year
	1.	Innovative Teaching and Learning Pedagogy	Research Foundation of India & RFI – CARE	May 2023
	2.	Faculty Empowerment Programme on Powering IoT Using Raspberry Pi or Arduino	CEG Campus, Anna University Chennai.	March 2023
	3.	Research Trends in Antenna Design and Beyond Applications	CARE College of Engineering	December 2022
	4.	Five Days Short Term Training Program (STTP) on Antenna Design: Future Trends and New Applications	CARE College of Engineering, Trichy in association with IEEE CARE Students Branch- Madras Section & Tesla Minds, Chennai	August 2022
	5.	Three Day Induction Program for Research Scholars	Center for Research, Anna University Chennai	March 2022
	6.	"AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Modern Antenna Technologies for Futuristic Wireless Communication Systems"	Guru Jambheshwar University of Science and Technology, Hisar,	August 2021

	7.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "MEMS Technology & Microsensors	National Institute of Technology Meghalaya.	July 2021
	8.	Recent Trends In Antenna And Microwave Technology	CARE College of Engineering, Jointly organized by IEEE Students Branch- Madras Section	June 2021
	9.	AICTE QIP Short Term Course on Principles and Advances in Electromagnetics	IIT MADRAS	March 2021
	10.	International Webinar On Digital Transformation And Opportunities In Emerging Technologies	Dr.NGP Institute Of Technology	August 2020
	11.	IEEE- MADRAS SECTION Sponsored National Seminar On Recent Trends In Rf, Antennas And Mic	KLN College Of Engineering	April 2015
	12.	Innovative Research Prospects On Wireless Sensor Networks	KLN College Of Information Technology	December 2014
	13.	FDTP ON EC2204 Signals And Systems	Anna University Regional Center Coimbatore	June 2013

	14.	CSIR Sponsored National Seminar On Challenges And Opportunities In 4g Wireless Systems	KLN College Of Information Technology	February 2013
	15.	FDTP On EC2353 Antennas And Wave Propagation	Thiagarajar College Of Engineering	November 2012
	16.	DRDO Sponsored seminar On Advanced Research Techniques for the Development Of Intelligent Systems Through Computer Vision	KLN College Of Information Technology	September 2012
	17.	CSIR Sponsored National Seminar On Research Issues In Bio-Image Processing	KLN College Of Engineering	February 2012

### Publication Details:

1. M Shanmuga Priya, M Uma, Automotive Antenna Technology: An Overview And Innovations, International Journal of Research and Analytical Reviews (IJRAR), May 2023, Volume 10, Issue 2
2. D. Venugopal, A. Sivanantha Raja, M. Uma, Multistage Compression of Encrypted Images for Band Effective Secured Transmission and Reconstruction, INTERNATIONAL JOURNAL OF TOMOGRAPHY AND SIMULATION, published by CESER. Vol. 25, Issue 1, (2014).
3. A Fast and Efficient De-Noising algorithm for the removal of salt and pepper noise from highly corrupted images." presented in a National level conference on Signal Processing, Communication and VLSI Design., organised by Anna University Coimbatore from 07-May-2010 to 08-May-2010.