


Profile

Name of the Faculty	Dr. T.Haritha					
Designation	Assoc. Professor					
Department	ECE					
Date of Birth	04-12-1970					
DOJ the Institution	12-06-2004					
Employee ID	ECE040088					
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Education Qualifications	UG	PG	Ph.D	Others		
	B.Tech.	M.Tech	completed			
Work experience	Teaching	Research		Industry	Others	
	23 years	05		--	--	
Area of Specialization	M.tech: Microwave Engineering, PhD: WIRELESS COMMUNICATION					
Courses taught at Under Graduate/ Post Graduate Level: (full course title only) EMI/EMC, LIC, GPS, Electronic Devices & Circuits, Basic Electronics, Microprocessors, TSSN, Electronic Circuit Analysis, Switching Theory and Logic Design ,Digital Communications, Analog Communications,Wireless Communications & Networks, Probability Theory & Stochastic Processes, Electromagnetic Theory & Transmission Lines, COGNITIVE RADIO Coding Theory & Practice .						
Professional Memberships & ID's : ISTE- LM102515, IETE: M-234489, Member ISSCE.						
Research Publications & Guidance	National Journals	International Journals	National Conferences	International Conferences	Patents	Books / Book chapters
	1	19	3	1	2	--
	Masters	07		-		

Details of Paper Publications
(In IEEE Format only
Descending order)

National Conference:

- Haritha.T, SriGowri.S “Simulation of HATA-OKUMARA Models for various Terrain Categories” National Conference on Wireless and Mobile Communications(NCWMC,10-11 March 2006).
- Haritha.T, SriGowri.S, Elizabeth Rani.D “Performance of OFDM using 4-QAM “National Conference on Emerging Trends in Information Communication Technology(ETICT-08) 19th & 20th December 2008.
- Haritha.T, SriGowri.S, Elizabeth Rani.D “Performance Analysis of OFDM System for Different Fading Channels” National Conference on Automation, Communication & Computing (NCACC-2012) 7-8 December

International Conference:

- Haritha.T, SriGowri.S, Elizabeth Rani.D “Maximum –Likelihood Carrier Frequency Offset Estimation in OFDM Systems, in Fast and Slow Fading Channels” 2nd International Conference on RF & Signal Processing Systems December 2010.

International Journal:

- Dr. T. Haritha, “Isolation Improvement of UWB-MIMO Design Using Elliptical Stub” IETE Journal of Research ISSN 0377-2063/Sep 2024 Pages 159-170
- Dr. T. Haritha, “A Split ring resonator slot based fabricated crescent microstrip patch antennas for uwb wireless system applications” ARPN Journal of Engineering and Applied Science ISSN 1819-6608/Aug 2024/ Vol-19/Issue-15 pg: 992-1000.
- Dr. T. Haritha, “Design and development of square stub loaded band pass filter with quality factor analysis” Journal of Instrumentation ISSN 1748-0221/May 2024/ Vol-19/Issue-5 pg: P05019.
- Dr. T. Haritha, “A Low SAR value circular based feeding of CPW with a monopole structure wearable antenna for wireless body area network (wban) applications” Journal of Theoretical and Applied Information Technology ISSN 1992-8645/April 2024/ Vol-102/Issue-8 pg: 3351-3360.
- Dr. T. Haritha, “Empirical investigations to a neighboring ideal multicast scheme for mobile ad-hoc networks” Journal of Theoretical and Applied Information Technology ISSN 1992-8645/May 2023/ Vol-101/Issue-10 pg: 3966-3974.
- Dr. T. Haritha, “Efficient employment of VCSEL light sources in high speed dispersion compensation system” Journal of Optical Communications ISSN 2191-6322/Sep 2023/ Vol-45/Issue-2 pg: 285-293.
- Dr. T. Haritha, “Pixel density based trimmed median filter for removal of noise from surface image” Applied Nanoscience -Springer ISSN 2190-5517/feb 2023/ Vol-13/Issue-12 pg: 1002-1010.
- Dr. T. Haritha, “Purging of silence for robust speaker identification in colossal database” International Journal of Electrical and Computer Engineering (IJECE) ISSN 2088-8708/Aug 2021/ Vol-11/Issue-4 pg:

3084-3092

- Dr. T. Haritha, Dr. S. Sri Gowri, "SMART HELMET SYSTEM"
© 2019 JETIR April 2019, Volume 6, Issue 4 www.jetir.org/
(ISSN-2349-5162)
- Dr. T. Haritha, T. Aravinda "Interference Aware Inter-Cell Rank Coordination for 5G WideArea Networks Using Sparsity Order Estimation" International Journal of Engineering & Science Research ISSN 2277-2685 IJESR/Jan 2019/ Vol-9/Issue-1/13-19
- J. Venkatesh, Dr. T. Haritha "Power Allocation And Practical Considerations for Cognitive Radios Using Power Filling Algorithms" in International Journal of Advance Research And Latest Trends, ISSN 3011-3030 Vol.09, Issue.04, November 2017, Pages: 2276-2281.
- Ch. Divya, Dr. T. Haritha , Dr. S. Gowri "Mitigation of Synchronization Errors in OFDM System under FrequencySelective Fading Channels" International Journal of Scientific Engineering And Technology Research, ISSN 2319-8885 Vol.05, Issue.38 October-2016, Pages:7938-7941.
- Haritha.T SriGowri.S S.K. Salma "Reduction of Peak to Average Power Ratio in OFDM Systems for M-QAM Modulation under Generalized Fading Channels" Transactions on Engineering and Sciences ISSN: 2347-1964 (Online) 2347-1875 (Print) Vol.3, Issue 5, July-September 2015
- Haritha.T T. Sushma, S.K. Salma "Reduction of Peak to Average Power Ratio in OFDM Systems under Generalized Fading Channels." International Journal of Engineering & Science Research July 2015 /vol-5/Issue-7/806-811. ISSN 2277-2685.
- Haritha.T T. Sushma, B.Lavanya "A Compact UWB array Antenna for ON Body Communications" International Journal of Engineering & Science Research July 2015 /vol-5/Issue-7/800-805. ISSN 2277-2685.
- Haritha.T, Rama Krishna .M SriGowri.S, Elizabeth Rani.D "Performance Evaluation of Non-Linear Equalizer using different Modulation Techniques." International Journal of Computer Applications (IJCA) Volume 71 Issue 20 June 2013.
- Haritha.T, SriGowri.S, Elizabeth Rani.D "Performance of Coherent OFDM Systems against Frequency Offset Estimation under different fading channels" International Journal of Electronics and Communication Engineering & Technology (IJCET), ISSN 0976- 6464(Print), ISSN 0976 - 6472(Online) Volume 3 Issue 1, January- June (2012), © IAEME.
- Haritha.T, SriGowri.S, Elizabeth Rani.D "Frequency Offset Estimation in Coherent OFDM Systems using different fading channels" ARPN Journal of Engineering and Applied Sciences VOL. 7, NO. 6, JUNE 2012 ISSN 1819-6608.
- Haritha.T, SriGowri.S, Elizabeth Rani.D "Mean Square Error Performance of OFDM Systems against Signal to Noise Ratio under different Fading Channels" IJCSI International Journal of Computer Science Issues, Vol. 9, Issue 2, No 3, March 2012.

Details of Patents Published / Granted	<ol style="list-style-type: none"> 1. Published and granted a patent – Banana Bunch Hanger with the application no: 360010-001 on 17-06-2022 (Granting Organization: Indian Patent office). 2. Published a patent – Smart Egg Incubator with the application no: 385498-001 on 03-05-2023 (Granting Organization: Indian Patent office).
Details of Certification Courses / Workshops / STTP's / FDP (participated / organized)	Workshops/FDP's Attended:50 CERTIFICATION COURSES COMPLETED INFOSYS courses: 02 NPTEL courses: 04 COURSERA courses :02
Details of Projects Applied / Awarded	---
Any Other information	--

Signature