

RESUME

Name : Dr **Haritha Thotakura**
Fathers Name : T.Mohan Rao
Date of Birth : 04-12-1970
Qualification : M.Tech (Microwave Engineering)
Higher qualification : Ph.D.
Total experience : 19 yrs.
a) 3 yrs as Lecturer
b) 4 yrs 4 months as Assistant Professor
c) 15 yrs as Associate Professor

Address for communication : Haritha. Thotakura
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Krishna Dt-521137, Mobile: 9440319214

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Professional societies : Life member ISTE: LM102515
Member IETE: M-234489
Member ISSCE

Educational Qualifications :

Degree	Year Of Passing	University/ College	Specialization	Percentage
Ph.D	October 2015	GITAM University	Mobile communications	----
M.Tech	January 2005	VRSEC, Vijayawada	Microwave Engineering	78 %
B.Tech	May 1992	AMACE Kancheepuram Chennai	Electronics & Communications Engineering	63 %

Details of Experience:

Organization	Designation	Period
Prasad V. Potluri Siddhartha Institute of Technology	Associate Professor	August 2006 to till date
Prasad V. Potluri Siddhartha Institute of Technology	Assistant Professor	June 2004 to July 2006
Nagarjuna Institute of Technology	Assistant Professor	August 2000 to Oct 2002
SDM Siddhartha Mahila Kalasala	Lecturer	August 1999 to July 2000
K.E.S Polytechnic college for Women	Lecturer	Jan 1996 to Dec1997

Responsibilities undertaken in ECE Department:

- Incharge of Department University Lab Examinations PVPSIT
- BOS member
- Coordinator Student Forum ISF (IETE).
- Module Coordinator
- Department Development Committee Member.
- Proposal written for MODROBS for communication lab in 2016

Responsibilities undertaken at COLLEGE level**Coordinator – Confederation of Indian Industry (CII)****Subjects Handled:**

- Electronic Devices & Circuits
- Basic Electronics
- Microprocessors
- TSSN
- Switching Theory and Logic Design
- Electronic Circuit Analysis
- Digital Communications
- Analog Communications
- Wireless Communications & Networks
- Probability Theory & Stochastic Processes

- Electromagnetic Theory & Transmission Lines
- EMI/EMC
- Coding Theory & Practice
- COGNITIVE RADIO
- LIC
- GPS

Journal Publications:

National Conference

1. 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).
2. 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.
3. 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 2012.

International Conference

1. 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.
2. Dr. T. Haritha N.Priyanka V.RamPavan M.Bharath Phani Teja “A cost effective compact oscilloscope using laptop and Arduino” Presented paper in International conference on Recent challenges in Science, Engineering and Technology-2020with ISBN:978-93-89107 Organized by CIT Guntur in Association with Institute for Engineering Research and publication on 28th and 29th feb 2020.

International Journal

1. 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.
2. 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.

3. 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 (IJECET), ISSN 0976– 6464(Print), ISSN 0976 – 6472(Online) Volume 3 Issue 1, January- June (2012), © IAEME.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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
11. Dr. T. Haritha, Dr. S. Sri Gowri,” SMART HELMET SYSTEM”
© 2019 JETIR April 2019, Volume 6, Issue 4 www.jetir.org
(ISSN-2349-5162)

SCOPUS INDEXED JOURNAL

1. Dr.T.Haritha¹, N.Priyanka², V.RamPavan³, M.BharathPhaniTeja⁴ Associate professor, P.V.P Siddhartha Institute of Technology. Ppublish scopus indexed paper

on “A Cost Effective Compact Oscilloscope using Laptop and Arduino” in
“TEST ENGINEERING AND MANAGEMENT” *March - April 2020*
ISSN: 0193-4120 Page No. 7633 – 7638 Volume 83.

2. P. Rama Koteswara Rao , Sunitha Ravi, Thotakura Haritha “
Purging of silence for robust speaker identification in colossal database” in
International Journal of Electrical and Computer Engineering (IJECE)
Vol. 11, No. 4, August 2021, pp. 3084~3092 ISSN: 2088-8708.
3. Bhaskara Rao Jana, Haritha Thotakura, Anupam Baliyan, Majji Sankararao,
Radhika Gautamkumar Deshmukh, Santoshachandra Rao Karanam “Pixel
density based trimmed median filter for removal of noise
from surface image” in Applied Nanoscience a Springer journal. Published
online on 28th june 2021.(Science Citation Indexed)

Patent details:

1. PATENT APPLICATION PUBLICATION

Application No.: 202041038378 A
Date of filing of Application : 05/09/2020 (43) Publication Date : 11/09/2020
Title of the invention : A SMART MULTI-MODE FLOOR CLEANING DEVICE
International classification

Name of Applicant : 1)Dr.Haritha Thotakura

Address of Applicant : Associate Professor, ECE Department, Prasad V Potluri Siddhartha
Institute of Technology, Kanuru, Vijayawada-520007, Andhra Pradesh, India.

**2)Dr.K.Srihari Rao 3)Mr.Mullapudi Rama Krishna 4)Sunitha Ravi 5)Lanka
Padmalatha**

**Name of Inventor : 1)Dr.Haritha Thotakura 2)Dr.K.Srihari Rao 3)Mr.Mullapudi
Rama Krishna 4)Sunitha Ravi 5) Lanka Padmalatha**

Thanking You Sir,

Yours Sincerely,

(Dr. T.Haritha)