

CURRICULUM VITAE

Personal Details:

Name of the candidate : Dr. NAZIA PARVEEN
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Vidwan ID : 336213
Contact No. : 919966093288
Designation : Professor ECE Department
M.E. Embedded System & VLSI Design Coordinator, MJCET.

Educational Qualifications:

Name of the Degree	Specialization	University Awarded	Year Passed	Class/Division
Ph.D	Electronics & Communication Engineering	JNTU Hyderabad	2016	---
M.E	Communication Systems	Gulbarga University	May 1999	First Class
B.E	Electronics and Communication Engineering	Gulbarga University	Jan-1993	First Class
Diploma	Telecommunication Engineering	Board of technical education, Karnataka	April-1988	First Class
SSC	-----	Karnataka secondary education board	March- 1985	First Class

Teaching Experience details: Total teaching experience: 29 Years.

Name of the Institution with address	Post held in Teaching	Duration From - --To	Total Years
MJCET, Hyderabad	Professor	March 2018-Till Date	04 Years
MJCET, Hyderabad	Associate Professor	August 2006 –March 2018	12 Years
MJCET, Hyderabad	Assistant Professor	Nov- 2000-July 2006	06 Years
KBNCE, Gulbarga	Lecture	Nov 1993- Oct- 2000	07 Years

Research Paper Publications:

Papers Presented in Conferences	National: 03	International: 05	Total: 08
Papers Published in Journals	National: NIL	International: 05	Total: 05

DETAILS OF PUBLICATIONS:

A) List of Publications in Journals:

1. Nazia Parveen, D.S Venkateswarlu, "Multipath Interference Cancellation in MIMO Mobile Cellular Systems", International Journal of Distributed and Parallel System (IJDPS), Vol.3, No.3, PP.35-48, May 2012.
2. Nazia Parveen, D.S Venkateswarlu, "Implementation of Space-Time Block Coding (STBC) Using 2 Transmit and 2 Receive Antennas", International Journal of Emerging Technology and Advanced Engineering (IJETA), Vol.2 Issue.10, PP.175-178, October 2012.
3. Mohammed Abdul Rahman, Nazia Parveen, "Subcarrier Analysis and Power Allocation for Cooperative Communication in LTE Advanced Networks" International Journal of Science and Research, Vol.4 Issue 6, PP.2978-2983, June 2015.
4. Mohammed Abdul Kareem, Nazia Parveen, "Effective Resource Allocation for Cooperative Communication using Water Filling Algorithm in LTE Advanced Network", International Journal of Innovative Technologies, Vol.4 Issue 11, PP.1609-1909, August 2016.
5. Syeda Amina Firdous, Nazia Parveen, " Adaptive Filters and Compressive Sensing based OFDM-MIMO Channel Estimation" International Journal of Modern Electronics and Communication Engineering, Vol. 11, Issue 4, ISSN2321-2152,Nov-2023

B) List of Publications in International Conferences:

6. Nazia Parveen, D.S Venkateswarlu, "Implementation of MIMO-OFDM using Adaptive Multiuser Detection in Wireless Communication" Proceedings of IEEE 2012 International Conference on Communications, Devices and Intelligent System (CODIS), PP.393-396, 28-29 December 2012.
7. Nazia Parveen, D.S Venkateswarlu, "Performance of MIMO Space-Time Block Codes in Wireless Communication System" Proceedings of 4th International Conference on Computer and Automation Engineering, ASME 2012, 14 January 2012, Mumbai.
8. Nazia Parveen, D.S Venkateswarlu, "Successive Interference Cancellation for Multibranch using MIMO Spatial Multiplexing System" Proceedings of International Conference on Electrical and Electronics Engineering, 12 August 2012 HYD, PP.33-39.
9. Nazia Parveen, D.S Venkateswarlu, B.N.Bhandari, "Implementation of OFDM-Based Multi-Relay Multi-Pair Two-way Communication Network" Proceedings of IEEE 2014 Eleventh International Conference on Wireless and Optical Communications Networks (WOCN), 11-13 September 2014
10. Taha Tasneem, Nazia Parveen, " Performance and comparison of precoding techniques in Massive MU-MIMO Systems" IEEE International Conference on recent trends in electronics Information Technology (RTEICT-2017) PP.22-23,May 2017. ISBN:978-1-5090-3704-9,SVCE Bangalore.

C) List of Publications in National Conferences:

11. Nazia Parveen, D.S Venkateswarlu, “Co-Channel Interference Cancellation Technology in MIMO Mobile Cellular Systems” Proceedings of National Conference on Signal Processing and Communication Systems, 1-2 April 2011, PP 90-93.
12. Nazia Parveen, D.S Venkateswarlu, “Multipath Interference Cancellation using RAKE Receiver in Mobile Systems” Proceedings of IEEE-20th Annual Symposium on Emerging Applications of ICT in Utilities, 4-5 November 2011.
13. Nazia Parveen, Mohammed Abdul Rahman, “Reduction of Power Consumption of Users for Cooperative Communications in LTE Advanced Network”, Proceedings of National Conference on Circuit Signals and Systems (NCCSS) MJCET, PP.144-147, 22-24 January, 2015.

Subjects Taught:

Analog Communication

Digital Communication

Satellite and Space communication

Mobile Cellular Communication

Optical Fiber Communication

Radar & Satellite Communication

Wireless Mobile Communication Systems (For ME)

Wireless Channel Coding Techniques (For ME)

Optical Fiber Communication (For ME)

Basic Electronics

Electronic Circuits and Devices

Information and Coding Theory

Television Engineering etc.

Instrumentation and Measurement

Communication Systems

Multi-Input Multi-Output (MIMO Communication) (Area of Research)

ME Projects Guided

1. Interference Cancellation Technology in MIMO Mobile Communication Systems.
2. Interference cancellation in Mobile System using RAKE receive.
3. Implementation of MIMO OFDM using Adaptive Multiuser Detection in Wireless Communication.
4. Performance of Space – Time Block Codes in Wireless Communication Systems.
5. Implementation of OFDM based Multi Relay Multi Pair Two way Communication Networks.

6. Cancellation of Inter Symbol Interference Using Decision Feedback Equalizer.
7. Successive Interference Cancellation Using Relay MIMO Network.
8. Sub Carrier Analysis and Power Allocation for Cooperative Communication in LTE Advanced Network.
9. Multi- Channel Cooperative Relay for system performance of 5G Cellular Network.
10. Improve Performance of Massive MIMO Pre - coding Techniques.
11. Performance and Evaluation of Massive MIMO LTE Systems.
12. Implementation of Channel estimation for Sparse Channel of OFDM System using Least Square and Minimum Mean Square Error Techniques.
13. Peak to Average Power Reduction in OFDM using Reduced Complicity PTS with Companding.
14. 5G Massive MIMO and NB-IoT Network design using hybrid Jaya-Differential Evolution Algorithm.
15. Industrial Revolution 4.0 A.I drone based system for combating Coronavirus (COVID-19) Pandemic.

Administrative Responsibilities:

M.E Coordinator for ES & VLSI Design

Member of NBA Monitoring committee

Member of Women Grievance Redressal committee

Participation in Workshops : Attended several seminars and workshops

Professional Memberships : Life member of IETE(M-20213)

Link for Google Scholar

https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=n7ptkI8AAAAJ&sortby=title

Link for Publons

<https://publons.com/researcher/4209033/nazia-parveen/>

Link for Research Gate

<https://www.researchgate.net/profile/Dr-Parveen-7>

