


Profile

Name of the Faculty	Dr. M. Shoukath Ali	
Designation	Associate Professor	
Department	ECE	
Area of Interest	Wireless Communications; Wireless Sensor Networks; Game Theory; VLSI Design; Quantum-dot Cellular Automata	
Subjects Taught	1. Cellular and Mobile Communications 2. Optical Communications 3. Analog Communications 4. Digital Communications 5. Data Communication Systems 6. Tele Communication Switching Systems 7. Principles of Communication 8. Communication Theory 9. Television Engineering 10. Electronic Devices and Circuits 11. Signals and Systems 12. VLSI Design 13. Switching Theory & Logic Design 14. Digital Logic Design 15. Nano Technology	
JNTUH Registration Id	72150404-010751	
College Staff Code	SC1487	
Official Mail	drshoukathali.ece@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Diploma	ECE	SBTET	1997
2	B.E.	ECE	Osmania University	2001
3	M.E.	ECE – Digital Systems	Osmania University	2012
4	Ph.D	ECE – Wireless Sensor Networks	SSSUTMS	2019

Research Publications:

S. No.	Publication details
1	Published a research article entitled <i>“Enhanced security to MANETs using digital codes”</i> in Journal of Information Security and Applications (JISA) , ISSN: 2214-2126 Volume-66 Issue-7, during March 2022 , (<i>SCI-E and SCOPUS indexed</i>) (IF-0.57)
2	Published a research article entitled <i>“Feature Set Analysis of Linear Predicted Code and its Extended Algorithms for Speech Signal Processing”</i> in Lecture Notes in Networks and Systems (LNNS) , ISSN: 2367-3389 Volume-355, Page No.: 303-310 during March 2022 , (<i>SCImago and SCOPUS indexed</i>) (IF-5.54)
3	Published a research article entitled <i>“Video transmission using priority scheduling for improvement of QoS in cognitive radio networks”</i> in International Journal of Innovative Technology and Exploring Engineering (IJITEE) , ISSN: 2278-3075 Volume-8 Issue-7, Page No.: 520-526 during May 2019 , (<i>SCOPUS indexed</i>) (IF-5.54)
4	Published a research article entitled <i>“Improving QoS Parameters using Dynamic Priority Scheduling (DPS) Protocol for Wireless Sensor Networks”</i> in International Journal of Recent Technology and Engineering (IJRTE) , ISSN: 2277-3878 Volume-7 Issue-6, Page No.: 1744-1750 during March 2019 , (<i>SCOPUS indexed & UGC approved Journal No:44713</i>) (IF-5.11)
5	Published a research article entitled <i>“Analysis of Scheduling issues in WSN with DMP Packet Scheduling”</i> in Journal of Emerging Technologies and Innovative Research (JETIR) , ISSN: 2349 – 5162 Volume-6 Issue-2, Page No.: 755-760 during February 2019 , (<i>UGC approved Journal No:63975</i>) (IF-5.8)
6	Published a research article entitled <i>“Review of Priority based Packet Scheduling Scheme for WSN”</i> in International Journal of Research and Analytical Reviews (IJRAR) , ISSN: 2348 – 1269 Volume-6 Issue-1, Page No.: 1465-1471 during February 2019 , (<i>UGC approved Journal No:43602</i>) (IF-4.26)
7	Published a research article entitled <i>“Enhanced Multi-Level Security Support for MANETs”</i> in International Journal of Research and Analytical Reviews (IJRAR) , ISSN: 2348 – 1269 Volume-5 Issue-4, Page No.: 948-957 during November 2018 , (<i>UGC approved Journal No:43602</i>) (IF-4.26)

8	Published a research paper entitled “ <i>Improved Dynamic Multilevel Priority (IDMP) packet scheduling algorithm for wireless sensor networks</i> ” in International Journal of Advance Research in Science and Engineering (IJARSE) , ISSN: 2319 – 8354 Volume-6 Issue-1, Page No.: 94-102 during December 2017 , (<i>UGC approved Journal No:47721</i>) (IF-2.83)
9	Published a research article entitled “ <i>A Feedback and Active Congestion Control Mechanism for Multimedia Transmission in MANETs</i> ” in International Journal of Research and Analytical Reviews (IJRAR) , ISSN: 2348 – 1269 Volume-4 Issue-4, Page No.: 927-935 during October 2017 , (<i>UGC approved Journal No:43602</i>) (IF-4.26)
10	Published a research article entitled “ <i>VDAAESA: VLSI Based Design and Analysis of Advanced Encryption Standard Algorithm</i> ” in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) , ISSN: 2278 – 8875 Volume-3 Issue-4, Page No.: 8013-8017 during October 2017 , DOI: 10.15662/IJAREEIE.2017.0610012. (IF-6.39)
11	Published a research article entitled “ <i>A QoS-aware protocol using priority packet scheduling scheme for wireless sensor networks</i> ” in International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST) , ISSN: 2456 – 5717 Volume-3 Issue-4, Page No.: 57-65 during April 2017 , DOI: 10.20238/IJARBEST.2017.0304008. (<i>UGC approved Journal</i>) (IF-5.02)
12	Published a research article entitled “ <i>A Study on Game Theory approaches for Wireless Sensor Networks</i> ” in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958 Volume-6 Issue-3, Page No.: 5-7 during February 2017 . (<i>UGC approved Journal No: 45431</i>) (IF-5.02)
13	Published a research article entitled “ <i>Priority Based Packet Scheduling Scheme in Wireless Sensor Networks</i> ” in International Journal of Advanced Research Foundation (IJARF) ISSN: 2394 – 3394 Volume-3 Issue-6, Page No.: 32-35 during August 2016 . (GJIF-4.73)

Books/Book Chapters Published:

S. No.	Publication details
1	Published a <i>book</i> titled “ <i>EEG Spike Detection using Continuous Wavelet Transforms</i> ” with LAP Lambert Academic Publishing, ISBN-13: 978-620-2-093477, ISBN-10: 6202093471, EAN: 9786202093477
2	Published a <i>book</i> titled “ <i>Multimedia Transmission Over Mobile Adhoc Networks (QoS)</i> ” with LAP Lambert Academic Publishing, ISBN-13:978-3-330-34286-6, ISBN-10:3330342862, EAN: 9783330 342866.

Experience:

Teaching	17 years
Industry	-
Research	04 years
Total Experience	21 years