

Name: - **Dr. Arshad Ahmad Khan Mohammad**

Department: - CSE

Designation: - Assistant Professor, GITAM University

Mail ID: - ibnepathan@gmail.com, arshad.mohammad@gitam.edu

Phone NO: - 91 8801600466

Google Scholar :- <https://scholar.google.co.in/citations?user=bYLd568AAAAJ&hl=en>

Scopus ID :- <https://www.scopus.com/authid/detail.uri?authorId=56438921000>



EDUCATION

1. PhD (**Computer Science & Engineering**) , KL University, Andhra Pradesh, India 2014-2019.
PhD Title “**Efficient Routing Protocol to Mitigate Misbehaving Nodes form Mobile Ad Hoc Networks**”
2. M.Tech (**Computer Networks and Information Security**) School of Information Technology, Jawaharlal Nehru Technological University Hyderabad, 83%. 2010-2012.
3. B.Tech (**ECE**), Moghal College of Engineering & Technology, Jawaharlal Nehru Technological University Hyderabad, 66.06 %, 2005- 2009

PROFESSIONAL CERTIFICATIONS

1. Professional Certifications CCNA (Cisco Certified Network Associate)
2. MCTS -Microsoft Certified Technology Specialist

EXPERIENCE

1. Working as an Assistant Professor at GITAM university, Hyderabad India 2019 June to till date

RESEARCH AREAS

1. Computer Networks
2. Information Security

EDITORIAL BOARD

1. Editorial Board Members in “**Mathematics and Computer Science(MCS)** journal; ISSN: 2575-6036 (Print)

REVIEWER

1. Springer “Wireless Personal Communication” Journal
2. Inderscience “International Journal of Computer Applications” Journal
3. BenthamScience “Recent Patents on Computer Science” Journal
4. India 2014 “Advances in Intelligent Systems and Computing”
5. BioSens-Apps-2015 “Advances in Intelligent Systems and Computing”
6. FICTA – 2014 “International Conference on Frontiers of Intelligent Computing”
7. IC3T 2015 “Second International Conference on Computer and Communication Technology”
8. Reviewer of 2019 International Conference on Machine Learning and Intelligent Systems (MLIS 2019)
9. Journal of Critical Reviews
10. International Journal of Intelligent Communication

PAPER PUBLICATIONS

1. Siddiqua, Ayesha, Kotari Sridevi, and Arshad Ahmad Khan Mohammed. "Preventing black hole attacks in MANETs using secure knowledge algorithm." In 2015 International Conference on Signal Processing and Communication Engineering Systems, pp. 421-425. IEEE, 2015.
2. Sana, Afreen Begum, Farheen Iqbal, and Arshad Ahmad Khan Mohammad. "Quality of service routing for multipath manets." In 2015 International Conference on Signal Processing and Communication Engineering Systems, pp. 426-431. IEEE, 2015.
3. “Mohammad, Arshad Ahmad Khan, Ali Mirza, and Mohammed Abdul Razzak. "Reactive energy aware routing selection based on knapsack algorithm (RER-SK)." In Emerging ICT for Bridging the Future-Proceedings of the 49th Annual Convention of the Computer Society of India CSI Volume 2, pp. 289-298. Springer, Cham, 2015.
4. Mohammad, A.A.K., Mahmood, A.M. and Vemuru, S., 2019. Energy-Aware Reliable Routing by Considering Current Residual Condition of Nodes in MANETs. In Soft Computing in Data Analytics (pp. 441-452). Springer, Singapore.
5. Mohammad, A. A. K., Mahmood, A. M., & Vemuru, S. (2019). Providing Security Towards the MANETs Based on Chaotic Maps and Its Performance. In Microelectronics, Electromagnetics and Telecommunications (pp. 145-152). Springer, Singapore.
6. Mohammad, Arshad Ahmad Khan, Ali Mirza Mahmood, and Srikanth Vemuru. "Energy-Aware Reliable Routing by Considering Current Residual Condition of Nodes in MANETs." In Soft Computing in Data Analytics, pp. 441-452. Springer, Singapore, 2019.
7. Mohammad, Arshad Ahmad Khan, Ali Mirza, and Srikanth Vemuru. "Cluster based mutual authenticated key agreement based on chaotic maps for mobile ad hoc networks." Indian Journal of Science and Technology 9.26 (2016).

8. Mohammad, Arshad Ahmad Khan, Ali Mirza, and Srikanth Vemuru. "Analytical Model for Evaluating the Bottleneck Node in MANETs." *Indian Journal of Science and Technology* 9.31 (2016).
9. Mohammad, Arshad Ahmad Khan, Ali Mirza, and Srikanth Vemuru. "ENERGY AWARE ROUTING FOR MANETS BASED ON CURRENT PROCESSING STATE OF NODES." *Journal of Theoretical & Applied Information Technology* 91.2 (2016).
10. Mohammad, Arshad Ahmad Khan, Ali Mirza, and Srikanth Vemuru. "Secure Energy Efficient Routing In Manets By Considering Packet Dropping Reasons" *Ponte journal* Vol. 72, Issue 11 (85-103)
11. Mohammad, Arshad Ahmad Khan, and C. Atheeq. "MUTUAL AUTHENTICATED KEY AGREEMENT SCHEME FOR INTEGRATED INTERNET MANETS." *Ijeast* 2017
12. Mohammed, Abdul Wase, and Arshad Ahmad Khan Mohammad. "SURVEY ON SECURITY ISSUES & SOLUTIONS ON SCADA NETWORKS."
13. "Secured Bandwidth reservation Distance Vector routing protocol" *International Journal of Scientific Research in Computer Science Applications and Management Studies* Volume 1, Issue 3 (NOVEMBER 2012).
14. Mohammad, Arshad Ahmad Khan, and C. Atheeq "IMPROVING QUALITY OF VOICE OVER MULTI HOP MANETS" *ijeast* 2017
15. "Bandwidth Reservation and Energy Constraint Distance Vector Routing Protocol" *ICEE 2nd International Conference*, paper has been published in Volume: 3, Issue:1
16. Evaluation Of Performance Degradation Due To The Presence Of Bottleneck Intermediate Node In Communication Path In Manet. *IJEAT*. 2019
17. Mohammad, Arshad Ahmad Khan, Ali Mirza Mahmood, and Srikanth Vemuru. "Intentional and unintentional misbehaving node detection and prevention in mobile ad hoc network." *International Journal of Hybrid Intelligence* 1.2-3 (2019): 239-267.
18. Efficient Intrusion Detection System to prevent the Packet Dropping nodes from Infrastructure Less Networks "IJRTE" ISSN: 2277-3878, Volume-X, Issue-X, July 2019
19. Sultana T, Mohammad AA, Gupta N. Importance of the Considering Bottleneck Intermediate Node During the Intrusion Detection in MANET. *InResearch in Intelligent and Computing in Engineering 2021* (pp. 205-213). Springer, Singapore.
20. Mohammad, Arshad Ahmad Khan "Analysis Of Random-Access Scheme For 5g Cellular Networks "Journal of critical review " Volume 7, issue 18 2020
21. Mohammad, Arshad Ahmad Khan "Reuse Of Paper Waste For Paper Brick Making- An Environmental Perspective "International Journal of Advanced Science and Technology" volume 29 no 05 , 2020

22. Mohammad, Arshad Ahmad Khan “Impact of Bottleneck Intermediate Node on MANETs and WSNs Performance “TEST Engineering and Management” may-june 2020
23. Arshad Ahmad Khan Mohammad “IMPACT OF BOTTLENECK INTERMEDIATE NODE ON IDSPERFORMANCE IN MANETS “IJIEMR” 2020 volume 9 issue 5 2020.
24. Arshad Ahmad Khan Mohammad, Mohammed Abdul Bari, Shahanawaj Ahamad, Mohammad Arshad, Mohammed Ali Hussain, “Performance evaluation of reactive routing protocol using simulation knowledge, Materials Today: Proceedings, 2021, ISSN 2214-7853,
25. Arshad Ahmad Khan Mohammad “Efficient Mobile Sink Location Placement by Residual Status in WSN to Enhance the Network Lifetime” paper accepted by JESTEC (Journal of Engineering Science and Technology) and has been scheduled to be published in December 2021, Volume 16 Issue 6
26. M Kiran Sastry, Arshad Ahmad Khan Mohammad and Arif Mohammad Abdul, “Optimized Energy-efficient Load Balance Routing Protocol for Wireless Mesh Networks” International Journal of Advanced Computer Science and Applications(IJACSA), 12(8), 2021. <http://dx.doi.org/10.14569/IJACSA.2021.0120871>

ACHIEVEMENTS

1. Got JNTU (Jawaharlal Nehru Technological University) campus first rank in Master of Technology (Computer Networks & Information Security) in 2012.
2. Secured PGECET 9th (Post Graduate Engineering Common Entrance Test) rank in 2011.
3. Google Scholar Citation Count- 161.
4. Technical member of Springer AISC Technical program committee.
5. Reviewer of SPRINGER Journal “Wireless Personal Communication”.

AWARDS

1. **Young scientist award** by IJIEMR –Elsevier SSRN, March 14th, 2020

WORKSHOPS

1. Conducted workshop on NS2 at “Deccan college of Engg & Tech” held on 1st, 2nd December

2014.

2. Conducted Workshop on NS2 at “School of Information Technology” JNTUH, held on 10th February 2015.
3. Conducted workshop on NS2 at “Innovative Tech” held on 10th October 2015.
4. Attended Workshop on “R’ workshop on Saturday, 9 November 2019

PERSONAL DETAILS

Date & Place of Birth	: 27 July, 1987, Telangana.
Marital Status	: Married
Languages Known	: English, Urdu, Hindi, and Telugu
Interests	: Playing Cricket, Playing with kids
Strengths	: Team member, adaptable and flexible
Passport No	: H5027972

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge