

## Curriculum Vitae

1. Name and Address : Dr. Suman Pandey  
Kamla Nehru Institute of Technology  
Sultanpur , India .  
Phone No. 9336165140  
Email : suman.pandey@knit.ac.in
2. Date of Birth : 06 - 06 - 1970
3. Nationality : Indian
4. Present Position : Associate Professor
5. Academic Qualification : 1. B.Tech (Computer Science and Engineering) - 1992  
Institute of Engineering and Technology, Lucknow  
, India.  
3. M.Tech (Computer Science and Engineering) – 2006  
Dr. A.P.J. Abdul Kalam Technical University (APJAKTU)  
Lucknow , India.  
2. Ph.D. (Computer Science and Engineering ) – 2017  
Dr. A.P.J. Abdul Kalam Technical University (APJAKTU)  
Lucknow , India.
6. Research and Teaching Experiences
- (i) 22 years  
Assistant Professor, Kamla Nehru Institute of Technology, Sultanpur,  
India, since 30<sup>th</sup> April 2001.
- (ii) Associate Professor, Kamla Nehru Institute of Technology, Sultanpur,  
India, since 1<sup>st</sup> June 2015.
7. Areas of Interest
- Mobile Adhoc networks
  - Wireless Sensor Networks
  - Big Data Analysis
  - Cloud Computing
  - Mobile Computing
8. M.Tech Supervised
- Completed : as supervisor 09
- Ongoing : 01
- 9 (a) No. of Publications 17

### 9(b). List of Publications

1. Suman Pandey, “Modelling the Localization Scheme Integrated with a MAC Protocol in a Wireless Sensor Network”, International Journal of Computer Applications, 89(7),1-5,2014. ISBN: 973-93-80880-57-5)
2. Suman Pandey and Shirshu Varma, “Energy Efficient Distributive Localization System using MAC scheme for Wireless Sensor Network: A Review”, Journal of Ravishankar University – B, 27, 23-31 (2014), ISSN: 0970-5910.
3. P. Raghuvansi and S. Pandey, “A Modified Agent Based AODV Routing Protocol for MANET’s”, International Journal of Computer Science and Information Technologies, Vol.6(4) , 3298-3301,2015, ISSN 0975 – 9646.
4. Suman Pandey and ShirshuVarma, “A Range Based Localization System in Multihop Wireless Sensor Networks: A Distributed Cooperative Approach”, in Wireless Personal Communications; Vol. 86,615-634, 2016.(SCI Journal), <https://doi.org/10.1007/s11277-015-2948-3>
5. Divya Singh and Suman Pandey, “Alleviate the Black Hole Attack by Adaption in AODV Routing in MANETs, International Journal of Scientific Progress and Research (IJSPR), Volume 29(2), 75-83, 2016, ISSN : 2349-4689
6. Rajesh Maurya, S. Pandey and Vinod Kr. Singh, “A Survey of Peer- to-Peer Networks”, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 4, pp-292-296, 2016. ISSN:2278-1021.IF7.078
7. Suman Pandey, “Performance Analysis of Wireless Sensor Network Using Localization Combined with MAC Protocol”, International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) | Volume VI, Issue VS, 1-11, 2017.ISSN: 2347-2693 (Online)IF:3.8, <https://doi.org/10.26438/ijcse/v6i1.366374>
8. Suman Pandey, “Big Data Analytics: A Perspective View”, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 7, Issue 5, pp-32-41,May 2017. ISSN: 2277 128X, IF:2.5
9. Suman Pandey, “Cloud Load Balancing: A Perspective Study”, International Journal of Engineering and Computer Science, Volume 6, Issue 6, pp-21602-21611, 2017.ISSN: 2319-7242
10. Suman Pandey, “Virtualization for Cloud Computing: A Perspective View”, International Journal of Computer Science Trends and Technology (IJCST) – Volume 5 Issue 3, pp-127-133,,May – Jun 2017. ISSN: 2347-8578

11. Suman Pandey, "Energy Efficient Clustering Techniques for Wireless Sensor Networks-A Review", International Journal of Scientific research & Management Vol. 5, Issue 6, pp 1-10, 2017. ISSN : 2321-3418
12. S. Pandey, "Localization Adopting Machine Learning Techniques in Wireless Sensor Networks", International Journal of Computer Sciences and Engineering, Vol.6(1), Jan 2018, ISSN:2347-2693, IF:3.8
13. Renu Yadav and Suman pandey "On Selection of Efficient Routing Protocol for VANET", International Journal of Scientific Development and Research (IJS DR) www.ijedr.org, Volume 3, Issue 11, November 2018. ISSN:2455-2631.
14. Kumar, Aniruddh and Pandey, Suman and Prakash, Ved, A Survey: Load Balancing Algorithm in Cloud Computing (March 11, 2019). Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE) 2019, Available at SSRN: <https://ssrn.com/abstract=3350328> or <http://dx.doi.org/10.2139/ssrn.3350328>
15. Prakash, Ved and Pandey, Suman and Singh, Ashish Kumar, Basic Introduction of Wireless Sensor Network (March 12, 2019). Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE) 2019, Available at SSRN: <https://ssrn.com/abstract=3351024> or <http://dx.doi.org/10.2139/ssrn.3351024/> ISBN: 978-93-88237-44-4.
16. R. K. Shukla, V. Prakash and S. Pandey, "A Perspective on Internet of Things: Challenges & Applications," 2020 9th International Conference System Modeling and Advancement in Research Trends (SMART), 2020, pp. 184-189, doi: 10.1109/SMART50582.2020.9337097. ISBN: 978-1-7281-8906-2
17. Ved Prakash, Suman Pandey, Sohit Shukla, "A Critical Investigation of Routing Protocol for Wireless Sensor Network" published in TEST Engineering & Management magazine January - February 2020 Page No. 4216 – 4222, ISSN: 0193 – 4120.

#### 10. Books

1. Suman Pandey, "Clustering and data Aggregation Techniques: A Perspective View, "Book Series, ISBN: 978-613-9-82662-9 Published by LAP LAMBERT Academic Publishing (2018-05-02 )
2. Suman Pandey, "Outlier Detection in Wireless Sensor Network: A Comprehensive Survey, " Book Series, ISBN: 978-613-9-58442-0 Published by LAP LAMBERT Academic Publisher (April 3, 2018)