

## Annexure V

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### **List of Journal Publications:** 18

1. P. Purusothaman & M. Gunasekaran, 2020, ‘Adaptive Neural Network with Hybrid Optimization Oriented Localization in Wireless Sensor Network: A Multi Objective Model’, International Journal of Wavelets, Multiresolution and Information Processing, <https://doi.org/10.1142/S0219691320500642>.
2. Sathishkumar P and Gunasekaran M, 2020, "An Improved Vertical Fragmentation, Allocation and Replication for Enhancing E-Learning in Distributed Database Environment", Computational Intelligence, Wiley.
3. Gunasekaran M, Gopalakrishnan B, 2020, “Quantum Key Distribution Based- on Refraction and Polarization Entanglement”, International Journal of Recent Technology and Engineering, March 2020.
4. Priyadharshini K S, Gunasekaran M, 2020, ”Energy Efficient Multipath Routing for Wireless Sensor Networks”, International Journal of Scientific and Technology Research, vol. 9, no. 2, pp. 2325-2329, 2020.
5. Priya J and Gunasekaran M, 2020, “SSW: Smart Steering Wheel for Real – Time Heart Rate Monitoring of Drivers”, International Journal of Innovative Technology and Exploring Engineering”, vol. 9, no. 4, pp. 3040-3043, February 2020.
6. Prasanth T, Gunasekaran M, 2019, ‘Effective Big Data Retrieval Using Deep Learning Modified Neural Networks’, Mobile Networks and Applications, Springer, vol. 2019, no. 24, pp. 282-294, January 2019.
7. Gunasekaran M, Gopalakrishnan B, Manikandan M, 2018, ‘EMDAI: An Emergency Message Diffusion for Accident Information in Vehicular Ad Hoc Networks’, International Journal of Recent Technology and Engineering, vol. 7, no. 4, pp. 187-197, November 2018.
8. S. Naveena, M. Gunasekaran, 2018, “Deep Learning for Pre-matured Divination of Diabetes”, Journal of Computational and Theoretical Nanoscience, vol. 15, no. 5, pp. 1739-1742, October 2018.
9. Prasanth T, Gunasekaran M, 2017, ‘A Mutual Refinement Technique for Big Data Retrieval using Hash Tag Graph’, Cluster Computing, Springer, vol. 2017, no. 22, pp. 2027-2037, August 2017.

10. Gopalakrishnan B, Gunasekaran M, Purusothaman P, 2017, 'Intra Group Key Management Scheme for Secure Data Exchange in Mobile Ad-Hoc Networks', *International Journal of Recent Engineering Research and Development*, vol. 2, no. 9, pp. 40-46, September 2017.
11. Gunasekaran M, Sathishkumar P, 2017 'A Study on Big Data Integration with Enduring Computational Technologies in Transition towards Smart Learning Framework', *International Journal of Innovation and Advancement in Computer Science*, vol. 6, no. 7, pp. 156-160.
12. Gunasekaran, M & Gopalakrishnan B, 2016, 'STARP: Secured Trusted Anonymity-Based Routing Protocol in Mobile Ad Hoc Networks for Internet of Things', *Journal of Information Technology and Sciences*, vol. 2, no.3, pp. 1- 10.
13. Gunasekaran, M & Gopalakrishnan B, 2016, 'Privacy-Preserving Secure On- Demand Routing Protocol for Adversarial Environments', *Asian Journal of Research in Social Sciences and Humanities*, vol. 6, no.11, pp. 218-236, November 2016.
14. Ramkumar S & Gunasekaran, M 2016, 'Secure Communication using Elliptic Curve Cryptography on Android Devices', *South Asian Journal of Engineering and Technology*, vol. 2, no.20, pp. 11-13.
15. Gunasekaran, M & Premalatha, K 2014, 'An Anonymity-Based Secure On- Demand Routing for Mobile Ad Hoc Networks', *International Journal of Computer, Information Science and Engineering*, *World Academy of Science, Engineering and Technology*, vol. 8, no.1, pp. 94-103.
16. Gunasekaran, M & Premalatha, K 2013, 'TEAP: Trust Enhanced Anonymous On-Demand Routing Protocol for Mobile Ad Hoc Networks', *IET Information Security*, vol. 7, no. 3, pp. 203-211.
17. Gunasekaran, M & Premalatha, K 2013, 'SPAWN: A Secure Privacy- Preserving Architecture in Wireless Mobile Ad Hoc Networks', *EURASIP Journal on Wireless Communication and Networking*, *Springer Open Journal*, vol. 2013, no. 1, pp. 1-12.
18. Gunasekaran, M & Premalatha, K 2013, 'POR: Privacy-Preserving On- Demand Routing Scheme to Mitigate Malicious Nodes in Mobile Ad Hoc Networks', *International Journal of Computer Applications*, vol. 82, no. 10, pp. 42-48.