

Annexure II

Dr. M. Gunasekaran

Professor

Department of Computer Science and Engineering Saveetha

School of Engineering

Saveetha Institute of Medical and Technical Sciences

Saveetha Nagar, Thandalam

Chennai – 602 105, Tamil Nadu

Email: gunasekaranm.sse@saveetha.com

Mobile: 9486564226 / 6383177218

List of 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 & 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 & 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