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LIST OF PUBLICATIONS

1. **Reshmi TR** and Azath M 2020, Improved Self-Healing Technique for 5G Networks Using Predictive Analysis, Special issue on P2P Computing for Beyond 5G Network (B5G) and Internet-of-Everything (IoE), Peer-to-Peer Networking and Applications, (SCI Indexed) – Accepted with revision

2. Prachi Sarode, and **Reshmi TR** 2020**,** Combination of Fitness-Mated Lion Algorithm with Neural Network for Optimal Query Ordering Data Aggregation Model in WSN, Paper submitted to Wireless Personal communication (SCI Indexed) – Accepted with revision

3. Prachi Sarode and **Reshmi TR** 2020**,** Optimized Query Ordering Data Aggregation model using Neural Networks and Group Search Optimization in Wireless Sensor networks**,** Ad Hoc & Sensor Wireless Networks (AHSWN) *(SCI Indexed) – In Press.*

4. Dhanashri W and **Reshmi TR** 2020, Cat-Swarm-Optimization-Based Energy-Efficient Re-liable Sectoring Scheme in WSN, Journal of Information Science & Engineering, Special Issue on "Advanced Networking and Communication Solutions for Wireless Mobile Networks" *(SCI Indexed) – In Press.*

5. **Reshmi.T.R** and Murugan.K 2018, "Enhanced Passive Duplicate Address Detection (EPDAD) for Autoconfiguration in MANETs", Journal of Information Science & Engineering, 34 (4), 821-833 *(SCI Indexed).*

6. **Reshmi, T.R.** and Murugan, K., 2017. Light weight cryptographic address generation (LW-CGA) using system state entropy gathering for IPv6 based MANETs. China Communications, 14(9), pp.114-126**.** *(SCI Indexed)*

7. Muthumeenakshi, R., **Reshmi, T.R**. and Murugan, K., 2017. Extended 3PAKE authentication scheme for value-added services in VANETs. Computers & Electrical Engineering, 59, pp.27-38. *(SCI Indexed)*

8. **Reshmi.T.R** and Murugan.K, "Secure and Reliable Autoconfiguration Protocol (SRACP) for MANETs", Wireless Personal Communications, June 2016 *(SCI Indexed).*

9. **Reshmi.T.R** and Murugan.K , "Selective Address Allocator Configuration Protocol (SAACP) for Resource Constrained MANETs", Journal of Information Science and Engineering Volume 32, pp: 197-211, January 2016 *(SCI Indexed)*

10. **Reshmi TR,** "Hierarchical Autoconfiguration Scheme for IPv6 Based MANETs", proceedings of ICACIE 2017, Springer AISC (in-press). (Scopus Indexed)

11. **Reshmi TR,** Anusha K, Sumati V and Pandiyarajan K, "The IPv6 Resistance – A Survey", Speical issue, Vol 10, Asian Journal of Pharmaceutical and Clinical Research, April 2017. *(Scopus Indexed)*

12. Rishitha and **TR. Reshmi,** "Security in Cloud Computing," 2018 International Conference on Recent Trends in Advance Computing (ICRTAC), Chennai, India, 2018, pp.14-20. doi: 10.1109/ICRTAC.2018.8679158.

BOOK PUBLICATIONS:

1. The book titled as **"Progress in Advanced Computing and Intelligent Engineering".** The Editor are Pati, B., Panigrahi, C.R., Misra, S., Pujari, A.K., Bakshi, S. (Central University, Ajmeer, Rajastan). The Publisher is Springer (Scopus Indexed) in 2019.
2. The book titled as **"Enabling Technologies and Architectures for Next-Generation Networking Capabilities".** The Editor is Mahmoud Elkhodr (Central Queensland University, Australia). The Publisher is IGI Global in 2019.
3. The book titled as **"Countering Cyber Attacks and Preserving the Integrity and Availability of Critical Systems".** The Editor are Geetha S & Asynath Phamila (Vellore Institute of technology). The Publisher is IGI Global in 2019.

PATENT PUBLICATION

1. The Patent titled as **"An Efficient Handoff Mechanism for Ipv6 Based Wireless Mesh Network"** was completely files. The Patent application 201941026510 (TEMP/E1/27933/2019CHE) has been published.