

Dr. R. Jayaparvathy – List of Publications (Last 5 years):

1. Thomas Leonid, R. Jayaparvathy, "Statistical-model-based voice activity identification for human-elephant conflict mitigation", Journal of Ambient Intelligence and Humanized Computing, April 2020 Springer-Verlag GmbH Germany
2. V.Mahima R. Maheswar , G. R. Kanagachidambaresan , Raman Jayaparavathy, Sabu M. Thampi, "Fail Safe Routing Algorithm for Green Wireless Nano Body Sensor Network (GWNBSN)". Body Area Network Challenges and Solutions, EAI/Springer Innovations in Communication and Computing, 2019.
3. Sabu M. Thampi R. Maheswar , G. R. Kanagachidambaresan , Raman Jayaparavathy, "Body Area Network Challenges and Solutions", EAI/Springer Innovations in Communication and Computing, 2019
4. R. Ramesh & R. Jayaparvathy (2019) Artificial neural network model for arrival time computation in gate-level circuits, Automatika, 60:4, 397-404, August 2019
5. Sheeba Angel and Jayaparvathy.R, "Performance modelling of an intelligent emergency evacuation system in buildings on accidental fire occurrence", Safety Science, 112, Elsevier Publications, Feb 2019, pp 196-205
6. J and Jayaparvathy R, "Block Allocation Strategy For Multiple Input Multiple Output (MIMO)- Orthogonal Frequency Division Multiple Access (OFDMA) System" Wireless Personal Communications", Volume 101, No 3, Springer, August 2018, 101, pp 1201-1219
7. Benitta and R. Jayaparvathy," Comparative Performance analysis of subcarrier assignment for real-time video traffic" IET Networks- 2015, Special Issue on creating a smarter environment through the advancement of Communication Systems, Networks and Applications, Vol. 4, Issue. 6, pp. 304–313, Nov 2015
8. Annapoorani and Jayaparvathy. R,"A Review of Hybrid Converters for DC-Based Renewable Energy Nanogrid Systems" ARPN Journal of Engineering and Applied Sciences, Vol 13, No.14, July 2018 pp 4317 – 4323
9. D and Jayaparvathy. R," A Novel Text Extraction Technique Using Rough Sets", International Journal of Digital Content Technology and its Applications(JDCTA), Volume10, Number2, March 2016, pp 14-24
10. L.Vasu and R. Jayaparvathy, "Automatic Meter Reading Using Power Line Signaling and Voltage Zero-crossing Detection", Research Journal of Applied Sciences, Engineering and Technology, Maxwell Science Publications, UK, Vol 10(4), June 2015 pp 414-424