

1. Name : **Dr.S.PAVALARAJAN**
2. Designation & Department : Professor & Head-i/c of Computer Science & Business Systems
3. College : PSNA College of Engineering and Technology, Dindigul, Tamilnadu, India..
4. E-mail : rajan@psnacet.edu.in

PUBLICATION DETAILS

Publication in International Journals:

1. Pavalarajan, S, Jeffin Gracewell, J, 'Fall detection based on posture classification for smart home environment', J Ambient Intell Human Comput, 2019. pp 1-8. <https://doi.org/10.1007/s12652-019-01600-y> (Science Citation Indexed)
2. Pavalarajan.S and A. Prasanth , 'Implementation of Efficient Intra- and Inter-Zone Routing for Extending Network Consistency in Wireless Sensor Networks', Journal of Circuits, Systems and Computers, 2019. <https://doi.org/10.1142/S0218126620501297>. (Science Citation Indexed)
3. Pavalarajan.S, Prasanth.A, " Zone-based sink mobility in wireless sensor networks", Sensor Review, Vol. 39 No. 6, pp. 874-880,2019. <https://doi.org/10.1108/SR-11-2018-0310> (Science Citation Indexed)
4. Pavalarajan.S, A. Prasanth, M.Karthihadevi, G.Sasi,'Particle Swarm Optimization Algorithm Based Zone Head Selection In Wireless Sensor Networks ,'International Journal Of Scientific & Technology Research, Vol.8(9), pp.1594-1597,2019. (Scopus Indexed)
5. Pavalarajan.S,Kiruthikka.D. C.,Kalaiarasan.C,'A novel approach on transport information system for pre-defined routes using traffic estimation framework and open layer JS 'International Journal of Engineering &Technology, Vol.8 (3),pp.230 -239, 2019. (Scopus Indexed)
6. Pavalarajan.S , Sasikala.N, Prasanth.A, Karuppathal.R 'Current Research Impacts in Wireless Sensor Networks', International Journal of Engineering & Technology,Vol. 7 .(3.20),PP.579-583 , 2018. (Scopus Indexed)
7. Pavalarajan.S , Prasanth. A, Karthihadevi.M 'Sink Mobility Analysis In Wireless Sensor Networks', Journal of Advanced Research in Dynamical and Control Systems,Vol.9 (17), PP.2097 -2108 , 2018. (Scopus Indexed)

8. Pavalarajan.S and Prasanth. A, 'Energy optimization analysis in wireless sensor Network', *Advances in Natural and Applied Sciences*, Vol.11(7), pp.642-648, 2017. (Scopus Indexed)
9. Pavalarajan.S and Karthihadevi.M, 'Sleep Scheduling Strategies in Wireless Sensor Network', *Advances in Natural and Applied Sciences*, Vol.11(7), pp.635-641, 2017. (Scopus Indexed)
10. Pavalarajan.S and Ananda durga devi, 'Addressing Data Aggregation Issues in Wireless Sensor Network', *Middle-East Journal of Scientific Research*, Vol. 24 , pp.158-165, 2016. (Scopus Indexed)
11. Pavalarajan.S and Thirumurugan.P , 'Prediction Based Location Estimation in Wireless Sensor Network', *Asian Journal of Information Technology*, Vol. 15 , No.2, pp.191-198, 2016. (Science Citation Indexed)
12. Pavalarajan.S and Ananda durga devi, 'Network Coding in Wireless sensor Network- An overview', *IJSRSET*, Vol. 1 No.2 , pp.436-440, 2015. (Scopus Indexed)
13. Pavalarajan.S and Manojitha.M, 'Mobile target tracking using EETT algorithm in WSN', *IJAER*, Vol. 10 No.20 , pp.16367-16371, 2015. (Scopus Indexed)

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1. Pavalarajan.S and prasanth, 'An efficient zone head selection in mobile sink based wireless sensor networks using particle swarm optimization algorithm', *Proceedings of ICIEICE 2019*, Vol.1, pp.223, 2019
2. Pavalarajan.S and prasanth, 'Sleep scheduling strategies in wireless sensor Network', *Proceedings of IEEE International Conference on Science, Technology, Engineering and Management (ICSTEM'17)*, Vol.1, pp.79, 2016
3. Pavalarajan.S and Ananda durga devi, 'Data Aggregation: Methods, Issues and Approaches', *2016 International Conference on Innovations in information Embedded and Communication Systems (ICIIECS'16)*, Vol. 4, pp.477-482, 2016.
4. Pavalarajan.S and Jimmy Thomas, 'A portend energy efficient technique to endorse object tracking sensors', *Proceedings of International Conference on Emerging Trends in Computer and Communication Technology*, pp. 1-6, 2012
5. Pavalarajan.S and Nimmy lazer, 'A Resilient back propagation algorithm for estimating the location of sensor nodes in wireless sensor networks', *proceedings of International conference on VLSI, communication and Instrumentation*, pp.220-223, 2011.

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7. Pavalarajan.S and Saravanan,'Fault tolerance strategy for non determinism in replicated middleware applications using distributed coordination method', Proceedings of national Conference on high performance computing (VISION 2008),pp.1311-1317,organized by Government college of Engineering,Tirunelveli, 2008 .
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