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Publications

PATENTS – 4

Publications (SCI/Scopus Indexed) – 20+

Reviewer – IJNS (SCOPUS), ASTES (Thomson Reuters), IJEIE,

Book Chapters – 10+

Conference Publications (Including IEEE Explore, ACM) – 20+

1. **Predictive analysis of student academic performance and employability chances using HLVQ algorithm. Journal of Ambient Intelligence and Human Computing (2020) doi:10.1007/s12652-019-01674-8 (Springer Journal – Impact factor – 1.91)**
2. **Complete survey On Predicting performance of Engineering Students, International Journal of Civil Engineering and Technology (IJCIET), Volume 10, Issue 02, February 2019, pp. 48–56**
3. **Data Transformation Techniques for Academic Datasets, International Journal of Engineering and Advanced Technology (IJEAT)ISSN: 2249–8958,Volume-9 Issue-1, October 2019**
4. **Effective Feature Selection Strategy Using Manova Test, Retrieval International Journal of Recent Technology and Engineering (IJRTE)ISSN: 2277-3878,Volume-8 Issue-2, July 2019**
5. **Study of Artificial Neural Network and Support Vector Machine for Students Performance Prediction, International journal on Innovative and Research Technology, Volume 4 - 2019, Issue 1 – January 2019**
6. **Combined Ideas on the Necessity of Big Data on Internet of Things and Researchers Point of View and its Challenges, Future Directions, Journal of Advanced research in dynamical and control systems, Issue: 09-Special Issue Year: 2018 Pages: 2140-2144**
7. **“A New Trusted Routing Protocol for Vehicular Ad hoc Networks using Trusted Metrics”, International Journal of Network Security (IJNS), Vol.19, No.4, PP.537-545, July 2017.**
8. **An Investigation on Machine Intelligent Techniques to Regularize Incompetency in Communiqué, Journal of Advanced research in dynamical and control systems, Volume 11 | 09-Special Issue, Pages: 554-559**
9. **“Mathematical Analysis of Trust Routing Algorithms”, Elsevier Procedia Computer Science Journal), (ISSN - 1877-0509), Volume 58, PP. 105-112. 2015**

10. "A Survey of Mobility Models of Vehicular Adhoc Networks and Network Simulators", *International Journal of Electronics and Information Engineering(IJEIE)*, ISSN 2313-1535, Vol.2, No.2, June 2015, PP 73 – 78
11. "An Enhanced Routing Protocol of VANET using Trust Computing Algorithms", *International Journal of Soft Computing (IJSC)*, Vol. 11, No 2. Pp. 45 – 51, January 2015.
12. "Simulation of Vehicular Adhoc Network Routing protocols with the Performance Analysis", *Journal of Communication Software and systems (JCOMSS)*, ISSN - 1845-6421, Vol. 11, No 2. pp. 86- 93, June 2015.
13. "An Optimized Node Selection Routing protocol of Vehicular Adhoc Networks – a hybrid model", *Journal of Communication Software and systems (JCOMSS)*, ISSN - 1845-6421, Vol. 11, No 2. pp. 80- 85, June 2015.
14. "A Secured Communication Technique For Unmanned Vehicles Using VANET", *International Journal of Simulation, Systems, Science & Technology*, Volume 13, Number 1, United Kingdom Simulation Society, pp 53 – 58, 2013
15. "Appraising Vehicular Adhoc Network Routing Protocols using NS2", *International Journal of Information & Computation Technology*, ISSN 0974-2239, pp 491 – 498, 2014
16. "Enhancing Security for Android Smartphone's using Cloud proxy Approach" *International journal of Information and Computation Technology* ISSN 0974 2239, Volume 3 , Number 8,[Special Issue],pp 625 - 628, March 2013
17. "On Campus Student's Presence and Movement Indicators using RFID, GSM and Face Recognition", "International Journal of Advances in Computer Science and its Applications" – Volume 2: Issue 3, ISSN No. 2250 – 3765, December 2012
18. "QoS Scheduling in Wireless MAN", *International journal of Computer Applications* , ISBN No, 973-93-80866-68-6, pp 21-23, March 2012.
19. "Alleviating the performance degradation in Congestion sensor Networks using differentiated routing methodology", *International journal of Computer Applications* , ISBN No, 973-93-80866-68-6, pp 4 -7, March 2012
20. "A Classification Based Dependent Approach for Suppressing Data", *International journal of Computer Applications*, ISBN No, 973-93-80866-68-6, pp 18 -20, March 2012.
21. "Significant Research Challenges and Solutions in the Internet of Things (IoT)" *NCIIS 2017*, February 2017.
22. "A new Secure Routing Protocol of VANET using Trusted Metrics", *International Conference on Engineering Digital Green Era – EDGE*,17-19 March, 2016
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24. "An Optimized Node Selection Routing Protocol for Vehicular Adhoc Networks", *ICCCMIT 2014*, MOP Vaishnav College for women, December 2014.
25. "Topology based and location based Routing Protocols, A Survey", *ICCCMIT 2014*, MOP Vaishnav College for women, December 2014.
26. "Automated Shopping Trolley for the Supermarket Billing System", *ICCCMIT 2014*, MOP Vaishnav College for women, December 2014.
27. "A Tactical information Management System for Unmanned Vehicles using Vehicular Adhoc Networks", *IEEE 4th International Conference on Intelligent Systems, Modeling and Simulation (ISMS 2013)*,ISSN 2166 – 0662, Bangkok, Thailand, 29 - 31st January 2013. pp 472 -475

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29. "A cloud-based intrusion detection system for Android Smartphones" Radar, Communication and Computing (ICRCC), 2012 International Conference on , vol., no., pp.180-184, 21-22 Dec. 2012 DOI: 10.1109/ICRCC.2012.6450572
30. "Specification Based Test Case Generation Using Classification Tree Method", The Second International Conference on Network & Communications, CNC 2011, VOL 14 Springer-Verlag Berlin Heidelberg 2010, March 10th – 11th, Bangalore, 2011
31. "Multimedia conferencing for MANET in cluster based Signaling", The Second International Conference on Network & Communications, CNC 2011, VOL 142, Springer-Verlag Berlin Heidelberg 2010, March 10th – 11th, Bangalore, 2011
32. "Automate Metric for Code readability", 3rd International Conference on Computer & Network Technology, IEEE EXplore, Vol. 14-1, February 2011, China.
33. "Enhancing Data Caching in Adhoc Networks", International Conference On Internet Computing and Information Communications, Chennai 2012.
34. "Spatial Query Monitoring in Wireless Broadcast Environment", International Conference On Internet Computing and Information Communications, Chennai 2012.
35. "An Enhanced Approach of Class Based Feature selection", Third National Conference on Recent Trends in Information and Communication Technology, Bannari Amman Institute of Technology, Coimbatore.