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List of Publications:

- 1) M. Deva Priya, A. Christy Jeba Malar, N. Kiruthiga, R. Anitha, G. Sandhya, "Adaptive Uplink Scheduler For Wimax Networks", Proceedings of the Second EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing (BDCC 2019), EAI/Springer Innovations in Communication and Computing Series, ISBN: 978-3-030-47560-4, 2020.
- 2) M. Deva Priya, A. Christy Jeba Malar, G. Lavanya, L. R. Vishnu Varthan, A. Balamurugan, "Smart Life Saving Navigation System For Emergency Vehicles", Proceedings of Third International Conference on Smart City Applications SCA 2019: Innovations in Smart Cities Applications Edition 3, SPRINGER, 2020.
- 3) M. Deva Priya, T. Suganya, A. Christy Jeba Malar, E. Dhivyaprabha, Prajith Kesava Prasad, L.R. Vishnu Varthan, "An Efficient Scheduling Algorithm For Sensor Based IoT Networks", Inventive Communication and Computational Technologies, Lecture Notes in Networks and Systems Book Series, Springer, https://doi.org/10.1007/978-981-15-0146-3_130, 2020.
- 4) J. Sengathir, M. Deva Priya, A. Christy Jeba Malar, G. Aishwaryalakshmi, S. Priyadharshini, "Bayesian Personalized Ranking Based Rank Prediction Scheme (BPR-RPS)", Proceedings of the Second EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing (BDCC 2019), EAI/Springer Innovations in Communication and Computing Series, ISBN: 978-3-030-47560-4, 2020.
- 5) Christy Jeba Malar A., Deva Priya M., Sengathir J., "Harris Hawk Optimization Algorithm based Non-Line-of-Sight (NLOS) Nodes Effective Localization for Reliable Data Dissemination in VANETs", International Journal of Communication Systems, Wiley, ISSN: 1099-1131, DOI: <https://doi.org/10.1002/dac.4666>, 2020.
- 6) Sengathir J., Deva Priya M., "An Energy-Proficient Clustering-Inspired Routing Protocol using Improved Bkd-tree for Enhanced Node Stability and Network Lifetime in Wireless Sensor Networks", International Journal of Communication Systems, Wiley, <https://doi.org/10.1002/dac.4575>, 2020.
- 7) Sathiyamoorthi V., Suresh P., Jayapandian N., Kanmani P., Deva Priya M., Sengathir J., "An Intelligent Web Caching System for Improving the Performance of a Web-Based Information Retrieval System", International Journal on Semantic Web and Information Systems, IGI Global, ISSN: 1552-6283, Vol. 16, No. 4, pp. 26 - 44, DOI: 10.4018/IJSWIS.2020100102, 2020.
- 8) V. Arulmangainayaki, M. Harini, M. Keerthiga, M. Deva Priya, "Intelligent Chatbot For Medical Assistance In Rural Areas", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Blue Eyes Intelligence Engineering & Sciences Publication, 2020.

- 9) Sengathir Janakiraman, Deva Priya M., Christy Jeba Malar A., “Improved Privacy Multi-Keyword Based Secure Retrieval Scheme for Cloud Data”, *International Journal of Scientific & Technology Research*, ISSN 2277-8616, 2020.
- 10) G. Lavanya, M. Deva Priya, A. Christy Jeba Malar, T. Sangeetha, A. Saravanan, “Image Correlation Based Smart Throttle-Brake Control System For Disability Vehicles”, *Proceedings of the Third International Conference on Smart City Applications SCA 2019: Innovations in Smart Cities Applications Edition 3*, SPRINGER, 2020.
- 11) M. Deva Priya, A. Balamurugan, E. Dhivyaprabha, R. Vignesh, L. R. Vishnu Varthan, “Intelligent Navigation System For Emergency Vehicles”, *ACM Proceedings of the 4th International Conference on Smart City Applications*, <https://doi.org/10.1145/3368756.3369085>, 2019.
- 12) G. Lavanya, M. Deva Priya, A. Balamurugan & A. Christy Jebamalar Malar, “An Adaptive Throttle And Brake Control System For Automatic Cruise Control In Disability Support Vehicle”, *ACM Proceedings of the 4th International Conference on Smart City Applications*, <https://doi.org/10.1145/3368756.3369045>, 2019.
- 13) M Deva Priya, Sengathir Janakiraman, G Sandhya, & G Aishwaryalakshmi, “Efficient Pre-Authentication Scheme For Inter-Asn Handover In High Mobility Manet”, *Wireless Networks*, <https://doi.org/10.1007/s11276-019-02185-2>, 2019.
- 14) Deva Priya M., Sangeetha M., Christy Jebamalar A., Dhivyaprabha E., Kiruthiga N., & Rajarajeswari PL., “Fair Adaptive Cross-Layer Resource Allocation Scheme for IEEE 802.16 Broadband Wireless Networks”, *Wireless Personal Communications*, <https://doi.org/10.1007/s11277-019-06929-3>, 2019.
- 15) Deva Priya M., Sengathir Janakiraman, Sandhya G., & Aishwaryalakshmi G., “Efficient Pre-authentication Scheme for Inter-ASN Handover in High Mobility MANET”, *Wireless Networks*, Springer, <https://doi.org/10.1007/s11276-019-02185-2>, 2019.
- 16) Christy Jeba Malar A., Deva Priya M., Sengathir J., Kiruthiga N., Anitha R., & Sangeetha T., “An Intelligent Multi-floor Indoor Positioning System for Cloud based Environment”, *International Journal of Computers and Applications*, Taylor & Francis, <https://doi.org/10.1080/1206212X.2019.1696447>, 2019.
- 17) Christy Jeba Malar A., Siddique Ibrahim S.P., & Deva Priya M., “A Novel Cluster based Scheme for Node Positioning in Indoor Environment”, *International Journal of Engineering and Advanced Technology (IJEAT)*, ISSN: 2249-8958, 2019.
- 18) Deivanai Gurusamy, Deva Priya M., Barmura Yibgeta, & Assabu Bekalu, “DDoS Risk in 5G Enabled IoT and Solutions”, *International Journal of Engineering and Advanced Technology (IJEAT)*, ISSN: 2249-8958, 2019.
- 19) J Juditha Mercina, J Madhumathi, V Priyanga, M Deva Priya, “A Deep Convolutional Neural Network Based Lung Disorder Diagnosis”, *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*, DOI: 10.32628/CSEIT19525, 2019.
- 20) K Adharsh Krishnan, M Deva Priya, “The Future of Cyber Security”, *International Journal of Advance Research, Ideas and Innovations in Technology*, 2019.
- 21) K Ashwini, J Janice Vedha, D Diviya, M Deva Priya, “Intelligent Model For Predicting Water Quality”, *International Journal of Advance Research, Ideas and Innovations in Technology*, 2019.

- 22) S Maharaja, R Jeyalakshmi, A.V Sabarish Kanna, M Deva Priya, "Secured Routing In Mobile Ad Hoc Networks (MANETs)", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 2019.
- 23) M Deva Priya, R Mehala, A Neela Ayshwaria, J Priyanka, "Cooperative Partial Demodulation For Multihop Wireless Communication", IJSRD - International Journal for Scientific Research & Development, 2017.
- 24) M Deva Priya, R Aishwarya, S Anushya, S Keerthana, "Detection And Avoidance Of Malicious Nodes In Manets", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 2017.
- 25) S Shankar Subramaniyam, M Deva Priya, "Black Box Detection using UAV in FANETS", International Journal of Multidisciplinary Research and Development, 2016.