



RARAJESWARI COLLEGE OF ENGINEERING, Bangalore

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Journal Paper Publications 2019 – 2020

Period : 1st August 2019 – 31st July 2020

1. Aruna Kumari, N.S., **Ananda Kumar, K.S.**, Hitesh Vardhan Raju, S., Vasuki, H.R., Nikesh, M.P. “*Prediction of Air Quality in Industrial Area*” (2020) Proceedings - 5th IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2020, art. no. 9315660, pp. 193-198. Cited 5 times. [Scopus Indexed](#)
2. Naidu, D., **Ananda Kumar, K.S.**, Jadav, S.L., Sinchana, M.N. “*Multilayer Security in Protecting and Hiding Multimedia Data using Cryptography and Steganography Technique*”s 2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and Technology, RTEICT 2019 - Proceedings, art. no. 9016974, pp. 1360-1364. Cited 4 times. [Scopus Indexed](#)
3. **Ananda Kumar, K.S.**, Balakrishna, R. “*Performance analysis of reliability and throughput using an improved receiver—centric MAC protocol and itree-mac protocol in wireless sensor networks*(2019)”, Advances in Intelligent Systems and Computing, 768, pp. 83-90. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052200941&doi=10.1007%2f978-981-13-0617-4_9&partnerID=40&md5=DOI: 10.1007/978-981-13-0617-4_9](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052200941&doi=10.1007%2f978-981-13-0617-4_9&partnerID=40&md5=DOI:10.1007/978-981-13-0617-4_9) [Scopus Indexed](#)
- 4, **Singhal, N.**, Sakthivel, U., Raj, P. “*Efficient hybrid research for QoS-aware microservice composition (2019)*” International Journal of Recent Technology and Engineering, 8 (2), pp. 5251-5255. Cited 1 time. [Scopus Indexed](#)
5. **Singhal, N.**, Sakthivel, U., Pethuru Raj Chelliah, P. “*Efficient micro services discovery and selection based on QoS ontology a data mining approach (2019)*” International Journal of Innovative Technology and Exploring Engineering, 8 (7), pp. 1689-1695. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067837124&partnerID=40&md5=18988adfc98e1> [Scopus Indexed](#)

6. Ananda Kumar, K.S., Balakrishna, R., Prasad, A.Y., ” ***Implementation of ITREE-MAC protocol for effective power management and time synchronization in Wireless Sensor Networks (2019)***” International Journal of Innovative Technology and Exploring Engineering, 8 (12), pp. 863-868.

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7. J Amutharaj, Dinesh Kumar M, Amrutha NS, Hitheshree V, Meghana G, “***Protection of Crops and Animals Intrusion Detection System***”, International Journal of Advance Science and Technology, Vol.29,No.6,(2020),pp. 7643-7648, ISSN:2005-4238IJAST

8. J Amutharaj, V P Gladis Pusparathi, Supritha Ramesh, Supritha Shetty, Supriya, “***Smart Automated Medicine Vending Machine***”, Journal of Critical Reviews, Vol 7, Issue 14,2020 ISSN:2394-5125

9. Vinutha H, Amutharaj Joyson, Mythri G, Seema K, Varsha V, “***Voice Based E-mail Service for Visually Impaired***”, International Journal of Advance Science and Technology, Vol.29,No.6,(2020),pp.7628-7635 ISSN:2005-4238IJAST

10. J Amutharaj,S Vijayanand,Sanjan K,K.R Anjali,Vinoth Gunasekaran, “***Machine Learning Based Feature Extraction Methods For Estimation of Driver's Drowsiness***”. Journal of Critical Reviews, ISSN No-2394-5125 Vol 7,Issue 13,2020

11. J Amutharaj, VP Gladis Pusparathi, Supritha Ramesh, Supritha Shetty, Supriya, “***Smart Automated Medicine Vending Machine***” Journal of Critical Reviews, Vol 7, Issue 14,2020 ISSN:2394-5125

12. Neha Singhal,J Amutharaj,Ram Kumar P,I,Gethziahilla Poornima,Suhas V, “***Multi Functionality Robot Navigation with Improved Performances***”, Journal of Critical Reviews, ISSN:2394-5125 Vol 7, Issue 14,2020

13. Veda D, Amutharaj J, Sharadha S.Bhatt, Charishma N M, “***Multigrid Segmentation of Skin Tumor Using 3D Ultra Sound Images***”, Journal of Critical Reviews, ISSN:2394-5125, Vol 7, Issue 14, 2020

14. Neha Singhal, Arpitha R, Namratha SN, Nidhi V Hegde, Sachin H Prajapathi, “***Virtual Eye-An Intelligent Assisstant for Visually impaired using Artificial Intelligance***”, International Journal of Advance Science and Technology, Vol.29, No.6, (2020), pp.7231-7635
ISSN:2005-4238IJAST

15. Vinutha H, Amutharaj Joyson, Apoorva J, Ashitha G R, B Tejaswini, “*Credit Card Fraud Identification using Machine Learning Algorithm*” Journal of Critical Reviews, ISSN:2394-5125 Vol 7, Issue 14, 2020
16. Ashwini R Mali Patil, Dr K.Somasundaram, Ashwini M, Divyashree C Y, Kusuma N, “*Small Traffic control Barricade System*”, Journal of Critical Reviews, ISSN:2394 - 5125, Vol 7, Issue 14, 2020
17. Rajeswari S, V.Gladis Pushparathi, Sushmitha H B, Spoorthi H, “*Design and Development of Wireless Sensor Network Based Monitoring System to Monitor the strength and Lifetime of Bridges and Fly Overs*”, Journal of Critical Reviews, ISSN:2394-5125 Vol 7, Issue 14,2020
18. Prof.Chaithra S, Hima J K, Rakshitha Amaresh, “*Electronic Voting System using Blockchain*” , International Research Journal of Engineering and Technology(IRJET) Vol 07,Issue:07/2020 www.irjet.net e-ISSN:2395-0056 p-ISSN:2395-0072

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