



List of Research Journal Publications - 2019

1. **P. M. K. Prasad**, Wavelet Feature Extraction Based Human Iris Recognition, ARPN Journal of Engineering and Applied Sciences, 14(4): 842-847, Feb. 2019, ISSN: 1819-6608.
2. **S. Rajeshwari**, Identity Crisis: a search of self, Journal of Research in Humanities and Social Science, 7(1): 59-62, Feb. 2019, ISSN: 2321-9467.
3. Ajit Kumar Rout and **D. K. Bebart**, Steganography using Reversible Dynamic Texture Creation, International Journal of Engineering Science Invention, 8(3): 53-58, Mar. 2019, ISSN: 2319-6726.
4. **Alekya Chalumuri**, An Analysis on Contemporary Issues and Concerns of Scheduled Tribes in Global Frame work, International Journal of Research and Analytical Reviews, 6(1), 43-47, Mar. 2019, ISSN: 2349-5138.
5. V.J. Naveen, K.M. Krishna and **K. Rajarajeswari**, Noise Reduction in ECG Signals for Bio-telemetry, International Journal of Electrical and Computer Engineering, 9(2):1028-1035, Apr. 2019, ISSN: 2088-8708, DOI: 10.11591/ijece.v9i2.
6. **D.V.A.N. Ravi Kumar**, S. Koteswara Rao and K. Padma Raju, A Novel Estimation Algorithm for Torpedo Tracking in Undersea Environment, Journal of Central South University, 26(4): 673-683, Apr. 2019, ISSN: 2095-2899, DOI: 10.1007/s11771-019-4038-2.
7. **Alekya Chalumuri**, Indian Government Initiatives to Strengthen Tribal Education, International Journal of Research and Analytical Reviews, 6(2), 873-879, May 2019, ISSN: 2349-5138.
8. Tatarchuk, T., Paliychuk, N., **Rajesh Babu Bitra**, R., Shyichuk, A., Naushad, M., Mironyuk, I., & Ziolkovska, D, Adsorptive removal of toxic Methylene Blue and Acid Orange 7 dyes from aqueous medium using cobalt-zinc ferrite nanoadsorbents, Desalination and Water Treatment, 150: 374-385, May 2019, ISSN:1944-3994, DOI: 10.5004/dwt.2019.23751.
9. **K. Purushotam Naidu** and **CHVVD Prasad**, Implementing FP-Growth Algorithm using MapReduce for Mining Association Rules, Journal of Advanced Database Management & Systems, 6 (2): 18-29, May 2019, ISSN: 2393-8730.

List of Research Journal Publications - 2019

10. M. Hemantha Lakshmi, **G. Sudheer** and Y. Vasudeva Rao, Effect of Pleural Membrane on the Propagation of Rayleigh Waves in Inflated Porous Lungs A study, IEEE Access, 7: 85169-85177, June 2019, ISSN: 2169-3536, DOI: 10.1109/ACCESS.2019.2924740.
11. **Devendra Potnuru**, K. Alice Mary, Ch. Sai Babu, Experimental Implementation of Flower Pollination Algorithm for Speed Controller of BLDC Motor, Ain Shams Engineering Journal, 10: 287-295, Jun. 2019, ISSN: 2090-4479, DOI: 10.1016/j.asej.2018.07.005.
12. **P V S Lakshmi Jagadamba**, Method and Apparatus for Detecting Denial of Service Attacks, Academic Journal of Science, 9(1):93–98, June 2019, ISSN: 2165-6282.
13. S. Suneetha, I.V. Venkateswara Rao and **K. L. Sai Prasad**, On a class of SP - Kenmotsu manifolds admitting Quarter-Symmetric metric connection, Far East Journal of Mathematical Sciences, 115(2): 157-169, June 2019, ISSN: 0972-087, DOI: 10.17654/ MS115020157.
14. **M. ManiKumari** and **K. Padmapriya**, SRAM based Look Up table design using Multiple valued Logic, Journal of Adv in Dynamical & Control Systems,11(7)-(Spl.):157-160, June 2019, ISSN:1943-023X.
15. **B.V. Ramani** and **Ch. Alekya**, A Narrative of Uttarakhand disaster shaped by Cultural Politics, IOSR Journal of Humanities And Social Science, 24(7): 43-47, July 2019, ISSN: 2279-0845, DOI: 10.9790/0837-2407014347.
16. **Ch Alekya** and **B V Ramani**, Scope of Blended Learning Approach in English Language Teaching for Secondary Level Students, IOSR Journal of Humanities and Social Science, 24(7): 11-15, July 2019, ISSN: 2279-0845, DOI: 10.9790/0837-2407081115.
17. NVSV Vijaya Kumar, **K. Raja Rajeswari** and P. Rajesh Kumar, Super Resolution Sub-space based ROOT-MUSIC Technique for Direction of Arrival Evaluation in MIMO Radar, International Journal of Innovative Technology and Exploring Engineering, 8(9): 1643-1646, July 2019, ISSN: 2278-3075, DOI:10.35940/ijitee.I8481.078919.
18. E Laxmi Lydia, **N. Sharmili**, T. V. Madhusudhanarao, Madhu Babu Chevuru and K. Vijaya Kumar, An Integrated Way for Teaching Hadoop & Big Data Analytics Course, International Journal of Recent Technology and Engineering, 8(2):1159-1163, July 2019, ISSN: 2277-3878, DOI: 10.35940/ijrte.B1739.078219.
19. **V. Siva Jahnnavy**, Sumanta Kumar Tripathy and A.V.N. Ramalingeswara Rao, Structural, optical, magnetic and dielectric studies of SnO₂ nano particles in real time applications, Physica B: Condensed Matter, 565: 61-72, July 2019, ISSN: 0921-4526, DOI: 10.1016/j.physb.2019.04.020.

List of Research Journal Publications - 2019

20. **K.V. Jyothi**, and **G.P.S. Prashanthi**, Design and Implementation of high speed counters using MUX based full Adder (MFA), IOSR Journal of Electronics and Communication Engineering, 14(4) : 57-64, July-Aug. 2019, ISSN: 2278-2834, DOI: 10.9790/2834-1404015764.
21. **K. Lakshmi** and **M. Mani Kumari**, Design and Implementation of positive feedback comparator in terms of power and delay, IOSR Journal of VLSI and Signal Processing, 9(4): 10-17, Jul – Aug. 2019, ISSN: 2319-4197, DOI: 10.9790/4200-0904011017.
22. **Kosuri Bhavani**, **Divya Sathi Balaga** and Ravindra Kumar Moningi, Design of high-speed low power domino logic circuits for wide fan-in gates, IOSR Journal of VLSI and Signal Processing, 9(4): 18-27, Jul–Aug. 2019, ISSN: 2319–4197, DOI: 10.9790/4200-0904011827.
23. **B. Lakshmi**, M. Kamaraju and K. Babulu, Subthreshold Region based linear feedback shift register, International Journal of engineering and advanced technology, 8(6S2): 817-821, Aug. 2019, ISSN: 2249-8958, DOI:10.35940/ijeat.F1205.0886S219.
24. Regaty Anitha Reddy, Kattepogu Rama Rao, **Bitra Rajesh Babu**, Guthikonda Kiran Kumar, Cherukupalli Rajesh, Anindita Chatterjee and Nadella Krishna Jyothi, Structural, electrical and magnetic properties of cobalt ferrite with Nd³⁺ doping, Rare Metals, Aug. 2019, ISSN:1001-0521, DOI:10.1007/s12598-019-01285-4.
25. R Ajay Kumar, Yechuri Sandeep, G Kiran Kumar, **B Rajesh Babu** and Ch Rajesh, Mn Modified Mesoporous TiO₂ Particles: Synthesis, Characterization and Photovoltaic Application, Journal of Electronic Materials, 48(8): 5075-5079, Aug. 2019, ISSN: 0361-5235, DOI: 10.1007/s11664-019-07312-5.
26. **BLVV Kumar** and K. Raja Kumar, Blockchain based smart contract for sealed bid auction, International Journal of Engineering and Advanced Technology, 8(6): 628-631, Aug. 2019, ISSN: 2249-8958, DOI: 10.35940/ijeat.F8083.088619.
27. **N. Sharmili** and N. Swapna, An Enhanced Artificial Neural Network based Optical Character Recognition Mechanism for Business Information Extraction and Classification, Journal of Advanced Research in Dynamical and Control Systems, 11 (10) - (Spl.): 13-19, Sep. 2019, ISSN: 1943-023X, DOI: 10.5373/JARDCS/V11SP10/20192772.
28. E laxmi Lydia, **N.Sharmili**, K. Shankar and Andino Maseleno, Analysing the Performance of Classification Algorithms on Diseases Datasets, International journal of emerging technologies, 10(3): 224-230, Sep. 2019, ISSN: 0975-8364.

List of Research Journal Publications - 2019

29. **BLVV Kumar** and K. Raja Kumar, Collaboration of Blockchain and Machine Learning in Healthcare Industry, International Journal of Engineering and Advanced Technology, 9(1):2642-2645, Oct. 2019, ISSN: 2249-8958, DOI: 10.35940/ijeat.A9871.109119.
30. Chandra Sekhar, **B Rajesh** Babu, KV Ramesh, M. Sreenivasulu and Y. Purushotham, Correlation Between Structural, Magnetic and Dielectric Properties of Microwave Sintered Ni-Zn-Al Nanoferrites, Journal of Superconductivity and Novel Magnetism, Nov. 2019, ISSN: 1557-1939, DOI: 10.1007/s10948-019-5097-1.
31. E laxmi Lydia, G. Jose Moses, **N. Sharmili**, K. Shankar and Andino Maselena, Image classification using deep neural networks for malaria disease detection, International journal on emerging technologies, 10(4): 66-70, Nov. 2019, ISSN: 0975-8364.
32. E laxmi Lydia, **N. Sharmili**, PhongThanh Nguyen, Wahidah Hashim and Andino Maselena, Automatic Document Clustering and Indexing of Multiple Documents Using KNMF for Feature Extraction through HADOOP and LUCENE on Big Data, Test Engineering and Management, 81: 1107-1130, Nov-Dec. 2019, ISSN: 0193 – 4120.
33. H.R. Lakshmi prasanna, V. Jagadeesha Angadi, **B. Rajesh Babu**, Mehaboob Pasha, K. Manjunatha and Shidaling Matteppanavar, Effect of Pr³⁺-doping on the structural, elastic and magnetic properties of Mn-Zn ferrite nanoparticles prepared by solution combustion synthesis method, Chemical Data Collections, 24: 100273, Dec. 2019, ISSN: 2405-8300, DOI: 10.1016/j.cdc.2019.100273.
34. Birendra Biswal, Vyshnavi Eadara, **D K Bebartha** and Gupteswar Sahu, Robust segmentation of optic disc and Optic cup using statistical Kurtosis test, International Journal of Imaging Systems and Technology, 2019:1-17, Dec. 2019, ISSN: 1098-1098, DOI: 10.1002/ima.22389.
35. Guntu Nooka Raju, Muddapu V Tirupathamma and **K Srinivasa Rao**, Multiuser Detection using NOMA Technique in FD-MC-CDMA System in Fading Channels, International Journal of Innovative Technology and Exploring Engineering, 9(2):3247-3251, Dec. 2019, ISSN: 2278-3075, DOI: 10.35940/ijitee.B7774.129219.
36. P. Sirish Kumar, **L. Ganesh**, Ashok Kumar. N, V.B.S Srilatha Indira Dutt, GPS Receiver Position Interpretation using Single Point PVT Estimation Algorithm, International Journal of Innovative Technology and Exploring Engineering, 9 (2S3): 53-57, Dec 2019, ISSN: 2278-3075, DOI: 10.35940/ijitee.B1013.1292S319.

List of Research Journal Publications - 2019

37. **Devendra Potnuru**, A.S.L.V. Tummala, Implementation of grasshopper optimization algorithm for closed loop speed control a BLDC motor drive, International Journal of Swarm Intelligence, 4 (2): 143-154, Dec 2019, ISSN: 1947-9263, DOI: 10.1504/IJSI.2019.104089.



List of Conference Proceedings - 2019

1. P. Krishna Subbarao, **PVS Lakshmi Jagadamba**, Prevention of DDoS Attacks at Application layer using Fisher's Z Model, presented at International Conference of Art and Science international conferences for academic disciplines, which was held at Harvard Medical school new research building, Harvard University and MIT Boston, USA during 28th May – 1st June 2019.
2. T. Tatarchuk, M. Bououdina, B. Al-Najar, **B. Rajesh Babu**, A New Generation Material Graphene: Applications in Water Technology- Chapter 4: Green and Eco friendly Materials for the Remediation of Inorganic and Organic Pollutants in Water, ISSN: 978-3-319-75483-369-110.