

**GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
MADHURAWADA, VISAKHAPATNAM-530048**

List of Research Journal Publications

2017

1. **G.Sudheer**, M. Hemantha lakshmi, Y. Vasudeva Rao, A note on formulas for the Rayleigh wave speed in elastic solids, Ultrasonics, 73: 82-87, 2017.
2. S. Sunitha Devi, **K.L.Sai Prasad**, G.V.S.R. Deekshitulu, Conformal Curvature Tensor on Para-kenmotsu Manifold, Turkish Journal of Analysis and Number Theory, 5(2): 27-30, 2017.
3. **M.Bhanu Sridhar**, A.Koushik, A study of Big data analytics in clouds with a security perspective, International Journal of Engineering Research & Technology, 6(1):5-9, 2017.
4. **G.P.S Prashanti**, N. Navya Sirisha, **N.Akhila Reddy**, Low Power Adiabatic Logic Design, IOSR Journal of Electronics and Communication Engineering, 12(1): 28-34, 2017.
5. **K.Srinivasa Rao**, **Nagireddi Roopavathi**, Performance Analysis of MIMO-OFDM Using NCT Companding Transform, International Journal of Electronics Engineering Research, 9(3): 409-427, 2017.
6. K. Rajasekhar Babu, M. Purnachandra Rao, P. S. V. Subba Rao, K. Rama Rao, B.Kishore Babu., **B.Rajesh babu**, Structural and magnetic properties of Cu²⁺ substituted Co-Zn Ferrite Nano-particles, synthesized by Sol-Gel combustion method, Journal of Inorganic and Organometallic Polymers and Materials, 27(3):612-621, 2017.
7. **P. Srinivasa Rao**, Nageswara Rao Gollapalli, Micellar impact on Ternary complexes of essential metal ions with selective bio-ligands, International Journal of Scientific Development and Research, 2(5):88-94, 2017.
8. **VVD Prasad Chelluri**, **BLVV Kumar**, **K.Purushotham**, **M. Santhosh**, Evaluation of Optimised Apriori Algorithm in Hadoop Distributed Mode, International Journal of Engineering Research and Technology, 6(6): 1136-1140, 2017.
9. **A. Kameswara Rao**, Existence and multiple positive solutions to systems of differential equations of fractional order, TWMS J. Applied and Engineering Mathematics, 7(2): 291-302, 2017.

10. **B.Rajesh Babu**, M S R Prasad, K.V Ramesh, Role of Synthesis on Physical Properties of $\text{Ni}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ Nanoferrite: A Comparative Study, Journal of Superconductivity and Novel Magnetism, 30(6): 1609–1617, 2017.
11. **P. Srinivasa Rao**, Nageswara Rao Gollapalli, Speciation of Ternary Complexes of Co(II), Ni(II), Cu(II) and Zn(II) with Citric and Succinic Acids in Micellar Medium, Journal of Advanced Chemical Sciences, 3(2): 457–461, 2017.
12. K. Rajasekhar Babu, K. Rama Rao, **B. Rajesh Babu**, Cu^{2+} - modified physical properties of Cobalt-Nickel ferrite, Journal of Magnetism and Magnetic materials, 434: 118–125, 2017.
13. **V Lakshmi Mounika**, **M.Mani Kumari**, Dynamic feedback control 10T SRAM Cell, International Journal of Applied sciences, Engineering and Management, 6(4): 17-22, July 2017.
14. **V Sree Vidhya**, B. Rajasekhar, N. V. Prasanna K. Poojitha, Maximum Power Point Tracking of Photovoltaic Modules using Golden section search, International Journal of Engineering & Technology, 9(3), 146-155, July 2017.
15. **R.Roopaa Sree**, **Ch.Sirisha**, Low Power and Resource Efficient IFO Estimation with High Speed Architecture, International Journal of Applied Sciences, Engineering and Management, 6(4): 23-29, July 2017.
16. T. Satyanarayana, K. L. Sai Prasad, B. Satyanarayana, On a class of para-Kenmotsu manifolds, International Journal of Pure and Applied Mathematics, 115(4): 827-834, 2017.
17. **D.V.A.N.Ravi Kumar**, S Koteswara Rao, K Padma Raju, Estimate-Merge-Technique-based algorithms to track an underwater moving target using towed array bearing-only measurements, Sadhana, 42(9): 1617-1628, 2017.
18. K. Rajasekhar Babu, K. Rama Rao, **B. Rajesh Babu**, Effect of Cu and Cation Redistribution on Structural and Magnetic Properties of Co-Mg Nanoferrite, Journal of Superconductivity and Novel Magnetism, 30(9) : 2621–2630, September 2017.
19. **D.V.A.N.Ravi Kumar**, S Koteswara Rao, K Padma Raju, Performance evaluation of a novel hybrid stochastic algorithm while tracing an underwater moving target, International Journal of Pure and Applied Mathematics, 117(18):373-378, 2017.

20. P. Peddi Naidu, T. Madhavi Latha, **D N Madhusudhana Rao**, M. Indira Devi, Anomalous behavior of the ionosphere before strong earthquakes, *Indian Journal of Physics*, 91(12): 1467–1476, Dec 2017.

21. **A.Kameswara Rao**, Multiple positive solutions to nonlinear boundary value problems of a system for generalized p-Laplacian fractional differential equations, *International Journal of Pure and Applied Mathematics*, 117(3):547-562, 2017.