

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

**List of Research Journal Publications**

**2015**

1. **G.Sudheer, A.Suseelatha**, A Wavelet-nearest neighbor model for short-term load forecasting, Energy Science & Engineering, Wiley, 3(1): 51-59, 2015.
2. **G.Sudheer, A.Suseelatha**, Short term load forecasting using wavelet transform combined with Holt-Winters and Weighted nearest neighbor models, International Journal of Electrical power and Energy systems, 64: 340-46, 2015.
3. **A.Kameswar Rao**, Existence of multiple positive solutions for the systems of higher order boundary value problems on time scales Journal of Applied Mathematics & Informatics, 33(1): 1-12, 2015.
4. **K.Srelakshmi, D.HariPriya, K.L.Pallavi Rao, B.V.Priyanka, D.Geetha**, Design Of Aperture Coupled Rectangular Microstrip Patch Antenna to Operate in S-Band at 2.25 GHz, International Journal For Scientific Research & Development, 2(12): 617-620, 2015.
5. M.S.R. Prasad, B.B.V.S.V. Prasad, **B.Rajeshbabu**, , Magnetic, Structural and DC Electrical Resistivity Studies on the divalent Cobalt Substituted Ni-Zn Ferrite System, International Journal Of Modern Physics B, 29: 1550067(20), 2015.
6. **G.P.S Prasanthi, V.Parimala, G.Bhavana, Sk.Shermila, V.Nalini**, Enriched Pole Positioning Technique for Audio Applications, International Journal of Scientific Research and Development, 3(1), 2015.
7. **K.L Sai Prasad**, T.Satyanarayana, On a Type of Para Kenmotsu Manifold, International Journal of Mathematical Sciences & Engineering Applications, 9(1): 283-91, 2015.
8. **K.L Sai Prasad**, T.Satyanarayana, On Para- Kenmotsu Manifolds Satisfying certain conditions on the curvature tensors, Advanced Applied Science and Research, 6(4):108-113, 2015.
9. Abhishek Satwase, **G.S.R Sanjeevini**, Modeling and simulation of an isolated power generating system using doubly fed induction generators, International Journal Innovative Research In science Engineering & Technology, 4(4): 2409-2416, 2015.

10. M.S.R. Prasad, **B.Rajeshbabu**, K.V.Ramesh, K.Trinath, DC electrical resistivity studies and structure of  $\text{Ni}_{0.5}\text{Zn}_{0.5}\text{Cr}_x\text{Fe}_{2-x}\text{O}_4$  Nanoferrites, International Journal of Modern Physics B, 16:1550101(16), 2015.
11. D.Venkatesh, M.S.R. Prasad, **B.Rajeshbabu**, K.V.Ramesh, K.Trinath, Effect of Sintering Temperature on the Micro Strain and Magnetic Properties of Ni-Zn Nanoferrites, Journal Of Magnetism, 20(3): 229-40, 2015.
12. M.S.R. Prasad, **B.Rajeshbabu**, K.V.Ramesh, K.Trinath, Effect of  $\text{Cr}^{3+}$  substitution on structural, magnetic and dielectric properties of nanocrystalline  $\text{Ni}_{0.5}\text{Zn}_{0.5}\text{Cr}_x\text{Fe}_{2-x}\text{O}_4$  ferrite system, NANO-Brief Reports and Reviews, 10(7):1550099(12), 2015.
13. **K.Purushotam Naidu, M.Sai Bhavana**, Implementing document clustering for large scale data using map reduce paradigm, International Journal of Computer and Mathematical Sciences, 4(8):105-109, 2015.
14. M.S.L.R.Mallika, S.Anand Kumar, **G.Sudheer**, Influence of the interfacial stiffness constants on Lamb wave propagation in a bi-layer, International Journal of Applied Mathematics, 28(6): 789-99, 2015.
15. M.S.R. Prasad, K.V.Ramesh, **B.Rajeshbabu**, K.Trinath, DC electrical resistivity and dielectric properties of Ni-Zn nanoferrite synthesized via autocombustion route, Indian Journal of Physics, DOI 10.1007/s12648-015-0773-x, 2015.
16. **B.Rajeshbabu**, K.V.Ramesh, M.S.R. Prasad, Y.Purushotham, Study of microstructure and augmentation of DC electrical resistivity due to  $\text{Al}^{3+}$  substitution in Ni-Zn nano ferrite system synthesized via auto combustion, Modern Physics Letters B, 29(24):1550151(16), 2015.
17. **A.Nagalakshmi, Ch.Sirisha**, "Performance optimization of dynamic and domino logic carry lookahead adder using CNTFET in 32nm Technology", IOSR.J. VLSI & Sig Processing, 5(5): 1-9, 2015.
18. S.S.V.D. Prakash V, **G.Sudheer**, A study of different wavelets in filtering of load signals, Far East Journal of Applied Mathematics, 92: 191-201, 2015.
19. **G.Srikaladevi, K.Sreelakshmi**, Pulse Triggered Flip Flop design by using Adiabatic Logic, International Journal of Advance Engineering and Research Development, 2(10): 103-108, 2015.

20. **B.V.Ramani**, T.Narayana, Metaphysics and indian scriptures in gita mehta's 'a river sutra', International Journal of English: Literature, Language & skills, 4(3): 87-92, 2015.
21. **K.L Sai Prasad**, T.Satyanarayana, Some Curvature Properties on a Special Paracontact Kenmotsu Manifold with respect to Semi-Symmetric connection, Turkish Journal of Analysis & Number Theory, 3(4): 94-96, 2015.
22. B.B.V.S.V. Prasad, **B .Rajesh babu**, M.S.R. Prasad, Structural and dielectric studies of Mg<sup>2+</sup> substituted Ni-Znferrite, Materials Science-Poland, 33(4): 806-815, 2015.
23. **N.Devi Alekhya**, **M. Mani Kumari**, Boostable Repeater Design with Dual Adaptive Supply Voltage for VLSI Interconnects, International Journal of Advanced Engineering and Research Development, 2(11), 2015.
24. **Ch. Alekya**, Importance of English Language and its Major Components, International Journal of Psychology and Education, 3(3), 2015.
25. **M. Bhanu Sridhar**, Model Driven software Engg. In the Mobile Era with an Emphasis on Security, International Journal of Electronics Communication & Computer Engineering, 6(6): 619-623, 2015.
26. **A.Hema Chander**, **M. Krishna**, **Y.Srikanth**, Comparison of Different types of Solar cells – a review, IOSR Journal of Electrical and Electronics Engineering, 10(6): 151-154, 2015.
27. **D.V.A.N. Ravi kumar**, S.Koteswara Rao, K.Padma Raju "Underwater Bearings-only passive Tangent Tracing using Estimate fusion Technique", Advances in Military Technology, 10(2), pp :31-44, 2015.
28. Seshagiri Prasad T, Chandra Bhushana Rao K, **PVK Chaitanya**, Koteswara Rao S, Advanced Parallel Structure Kalman Filter for Radar Applications, Springer LNEE Series, 372: 233-244, 2015.
29. **B.Rajesh babu**, M.S.R. Prasad, K.V.Ramesh, Effect on structural and magnetic properties of Non-magnetic Al<sup>3+</sup> substituted Ni-Zn Nano Ferrites for high frequency applications", International Journal of Modern Physics B, 29(06): 1550032, 2015.
30. A.Kameswara Rao, Existance and iteration of positive solutions to third-order BVP for a class of p-Laplacian dynamic equations on time scales, International Journal of Differential Equations, Article ID: 567209, 2015. doi: <http://dx.doi.org/10.1155/2015/567209>.