

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

List of Research Journal Publications

2018

1. K. Rama Rao, **B.Rajesh babu**, B.Kishore Babu, V.Veeraiah, S.D.Ramarao, K. Rajasekhar and A.Venkateswara Rao, Composition dependence of structural, magnetic and electrical properties of Co substituted magnesium ferrite, *Physica B:Physics of Condensed Matter*, 528:18-23, 2018.
2. S.Suneetha, **K. L. Sai Prasad** and G.V.S.R. Deekshitulu, On Ricci pseudo-symmetric para Kenmotsu manifolds, *New Trends in Mathematical Sciences*, 6(1), 99-105, 2018.
3. **Ch.Alekya**, T.Ashok, Attitude and Perception of English Language Teachers on Blended Learning Approach, *International Journal of Research in Management Studies*, 4(2): 76-84, 2018.
4. **Ch.Alekya**, T.Ashok, Implementation of Blended Learning Approach in ELT, *International Journal of Management, Marketing and HRD*, 3(10): 55-62, 2018.
5. **P.M.K. Prasad**, G.Sasibhushana Rao, M.N.V.S.S. Kumar, K. Chiranjeevi, Design and implementation of non-perfect reconstruction biorthogonal wavelets for edge detection of X-ray images, *International Journal of Data Science*, 3(1):50-67, 2018.
6. **B.Rajesh Babu**, Tetiana Tatarchuk, Elastic properties and antistructural modelling for Nickel-Zinc ferrite-aluminates, *Material Chemistry and Physics*, 207 :534-541, 2018.
7. E.C. Sekhar, **B. Rajesh Babu**, K.V.Ramesh, M. Sreenivasulu, Y. Purushotham, Structural, Magnetic, and Dielectric Properties of Conventional- and Microwave-Sintered $Ni_{0.6}Zn_{0.4-x}Cu_xFe_2O_4$, *Journal of Superconductivity and Novel Magnetism*, 31 (4): 1199-1207, 2018.
8. K. Rama Rao, **B.Rajesh babu**, B.Kishore Babu, V.Veeraiah, S.D.Ramarao, K. Rajasekhar, A.Venkateswara Rao, Influence of Zn substitution on structural, magnetic and electrical properties of $MgFe_2O_4$, *Journal of Electronic Materials*, 47(5): 2997-3004, 2018.
9. **B Vijayalakshmi**, P Siddaiah, Non cooperative Game theory -Cognitive Radio, *Journal of Wireless communication, Networks and Mobile Engineering Technology*, 3(1): 1-9, 2018.
10. **B Vijayalakshmi** and P Siddaiah, Cognitive Radio Spectrum Sensing Detection Methods Using MATLAB Simulink, *Journal of Advances in Communication Engineering and Its Innovations*, 3(2), 1-12, 2018.

11. **B Vijayalakshmi** and P Siddaiah, Spectrum sensing in cognitive radio using MIMO technique, International Journal of Research in Electrical, Electronics and Communication Engineering, 3(2): 1-8, 2018.
12. **B Vijayalakshmi** and P Siddaiah, Anfis Based Power Control for Cognitive Radio, Journal of Wireless communication, Networks and Mobile Engineering Technology, 3(1): 2018.
13. **M. Swapna** and N. Sudhakar, Artificial Neural Network Techniques by using Time Series and Parameterized Rainfall Prediction models: A Comparative Study, International Journal Of Research In Electronics And Computer Engineering, 6(2): 1538-1545, 2018.
14. **M. Swapna** and N. Sudhakar, A Hybrid Model for Rainfall Prediction Using both Parameterized and Time Series Model, International Journal of Pure and Applied Mathematics, 119 :1549-1556, 2018.
15. Harikrishna P, **G.Sudheer** and Y Vasudeva Rao, Free longitudinal vibrations of functionally graded tapered Axial Bars by Pseudo Spectral Method, Journal of Vibroengineering, 20(5), 2137-2150, 2018.
16. **G.Sree Laxmi and Ch.Sirisha**, Machine learning in automated intelligent surveillance system, International Journal of Electrical Communication System, 4(1):1-7, 2018.
17. V.Bhuhanga Rao, P.Seetharamaiah, **N.Sharmili**, Design of a Prototype for vision Prosthesis International Journal of Biomedical and Clinical Engineering, 7(2):1-13, 2018.
18. Bharani Chandra, Kumar Pakki, and **Devendra Potnuru**, A nonlinear load frequency controller for hydropower plants, International Journal of Ambient Energy, 1-13. 10.1080/01430750.2018.1531258, 2018.
19. **Rohini Kancharapu**, A. Sri Nagesh, Sentiment Analysis on GST Using Naive Bayes and Score Based Approaches on Twitter Data, International Journal of Research in Electronics and Computer engineering, 6(4): 525-531, 2018.
20. **K. L. Sai Prasad** , S.Suneetha, and G.V.S.R. Deekshitulu, On a class of P-Kenmotsu manifolds admitting Weyl-projective curvature tensor of type (1,3), Turkish Journal of Analysis and Number Theory, 6(6):155-158, 2018.
21. K. Ramarao, **B. Rajesh Babu**, B. Kishore Babu, V. Veeraiah, K. Rajasekhar, B. Ranjith Kumar and B. Swarna Latha, Enhancement in magnetic and electrical properties of Ni substituted Mg ferrite, Materials Science-Poland, 36 (4), 644-654, 2018.
22. D. Srilatha, **R.V.S.Lakshmi Kumari** and Babitha Jain, Analysis of Multi Area Load Frequency Control System with Hybrid Fruit Fly Algorithm, Journal of Advanced Research in Dynamical & Control Systems, 10(10-Special): 2669-2678, 2018.

Book Chapter

23. **D.V.A.N.Ravi Kumar**, S.Koteswara Rao and K.Padma Raju, “A Couple of Novel Stochastic Estimators Designed and Tested to Promote the Usage of Towed arrays on the Regular basis for Passive tracking” In Artificial Intelligence and Evolutionary Computations in Engineering Systems, pp.645-656, Springer 2018.