

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

**List of Research Journal Publications**

**2008-2012**

1. K.V.Ramesh, G.M.J Raju, **C.B.Sarma**, Ch.V.R. Murthy, R.V.S. Raju, Liquid-wall mass transfer in three-phase fluidized beds with annular flow, Indian Chemical Engineer, 50(4):277-287, 2008.
2. R.Y.Vasudeva, **G.Sudheer**, Anuradha Vema, Dispersion of circumferential waves in cylindrically anisotropic layered pipes in plane strain, The Journal of the Acoustical Society of America 123 (6), 4147-4151, 2008.
3. **K.L.Sai Prasad**, Kenmostu and P-Kenmostu finsler structures and connections on vector bundle, International Mathematical Forum, 3(17): 837-846, 2008.
4. **K.L.Sai Prasad**, Quarter symmetric metric finsler connections, International Mathematical Forum, 3(18): 847-855, 2008.
5. **K.L.Sai Prasad**, Certain classes of almost contact Riemannian manifolds, International Mathematical Forum, 4(16):773-778, 2009.
6. K.V.Ramesh, G.M.J Raju, M.S.N. Murthy, **C.Bhaskara Sarma**, Walk to bulk mass transfer in a two-phase upflow bubble column with a composite promoter, Indian Chemical Engineer, 51(3):215-227, 2009.
7. K.V.Ramesh, G.M.J Raju, G.V.S.Sarma, **C.Bhaskara Sarma**, Effect of internal on phase holdups of a three-phase fluidized bed, Chemical Engineering Journal, 145: 393-398, 2009.
8. Ch.V.Subba Rao, G. Mallikarjuna Rao, P.King, **C.Bhaskara Sarma**, V.S.R.K Prasad, Drag reduction by polymer additions in once through systems, International Journal of Fluid Mechanics, 37(5):319-405, 2010.

9. Ch.V.Subba Rao, P.King, **C.Bhaskara Sarma**, V.S.R.K Prasad, Drag reduction by polymer additives in gravity driven flow, *International Journal of Applied Engineering Research*, 1(3):452-468, 2010.
10. **A.Kameswara Rao**, S. Nageswara Rao, Solvability of n-th order nonlinear eigenvalue problem, *International Journal of Applied Mathematics and Computation*, 2(4):47-54, 2010.
11. G.M.J Raju, K.V.Ramesh, G.V.S. Sarma, **C.Bhaskara Sarma**, Wall-to-bed mass transfer in an electrochemical cell with coaxially rotating composite promoter in the presence of fluidizing solids, *Chemical Engineering Communications*, 198:1218-1232, 2011.
12. **A.Kameswara Rao**, S. Nageswara Rao, Positive solutions for iterative systems of nonlinear boundary value problems on time scales, *Asian-European Journal of Mathematics*, 4(1): 95-107, 2011.
13. **A. Kameswara Rao**, S. Nageswara Rao, Positive solutions for higher order two-point boundary value problems, *International Journal of Applied Mathematics and Computation*, 3(2): 114-127, 2011.
14. **Sridevi R, Vani prasanna K, Ramya K**, Distinguishing the noise and image structures for detecting the correction term and filtering the noise by using Fuzzy rules, *International Journal on Computer Science and Engineering*, 3(7): 2754-2764, 2011.
15. **Jyothi B**, R.Venu Babu, **S. Anjali Devi**, Combining K-Harmonic mean and Hierarchical algorithms for robust and efficient data clustering with cohesion-self merging, *International Journal on Computer Science and Engineering*, 3(6):2544-2553, 2011.
16. **S. Anjali Devi**, R. Venu Babu, B. Srinivasa Rao, A new approach for Evolution of end to end Security in Wireless Sensor Network, *International Journal on Computer Science and Engineering*, 3(6): 2531-2543, 2011.
17. Swathi S, P. Vijaya Bharathi, **A. Uday Kumar**, M. Praveen Kumar, Multicast authentication using batch signature- MABS, *International Journal of Computational Engineering and Management*, 15(1): 68-73, 2012.
18. **G.Sudheer, B.V.S Renuka Devi**, A Hybrid Image Cryptosystem Based on OMFLIP Permutation Cipher, *Signal & Image Processing: An International Journal*, 3(1): 67-74, 2012.

19. **K.Srinivasa Rao**, B. Prabhakararao, M V S Sairam, Peak-to-Average power reduction in MIMO-OFDM Systems using Sub-Optimal Algorithm, International Journal of Distributed and Parallel systems, 3(3): 261-273, 2012.
20. **K. Rohini**, Documents Clustering, International Journal of Engineering Research & Technology, 1(6): 1-6, 2012.
21. **K.Srinivasa Rao**, B. Prabhakararao, PAPR Reduction of STBC MIMO-OFDM Systems Using Adaptive Active Constellation Extension, i-manager's journal on wireless communication networks, 1(3): 1-7, 2012.
22. T. Madhavi Latha, P.Peddi Naidu, **D N Madhusudhana Rao**, M. Indira Devi, A theoretical study of diurnal shift in reflection height of VLF waves using IRI electron density model, Indian Journal of Physics (Springer), 86(11): 947-950, 2012.
23. K R Prasad, **A.Kameswara Rao**, S. Nageswara Rao, Existence of positive solutions for the system of higher order two-point boundary value problems, Proceeding- Mathematical Sciences, 122(1): 139-152, 2012.
24. **A.Kameswara Rao**, S. Nageswara Rao, Eigenvalues for iterative systems of nonlinear second order boundary value problems on time scales, Bulletin of International Mathematical Virtual Institute, 2(1): 47-57, 2012.
25. **A.Kameswara Rao**, S. Nageswara Rao, Positive solutions for system of three-point nonlinear boundary value problems on time scales, Global Journal of Science Frontier Research, 12(12): 21-34, 2012.
26. **A.Kameswara Rao**, S. Nageswara Rao, Eigenvalue problems for systems of nonlinear boundary value problems on time scales, International Journal of Difference Equations, 7(2): 179-194, 2012.