

Publications 2013-14

A good number of our lecturers have published scholarly articles in reputed national and international journals.

1. Dr.B.Raju's (Dept. of English) article entitled "Need of Women Participation Entrepreneurship" was published in the International Journal of Entrepreneurship and Business Environment Perspectives ISSN: 2279-0918, Vol.2 on 26th March, 2013.
2. Dr.B.Raju's (Dept. of English) article entitled "Exploring the Soul-Searching Motifs in Kim Scott's Benang: From the Heart" was published in an International refereed bi-annual journal 'The Commonwealth Review', ISSN: 0974-0473, Vol.22 in the year 2014.
3. Dr.B.Raju's (Dept. of English) article entitled "Magic Realism and Dream Time as a Post Colonial Narrative Strategies with Reference to Alexis Wright's Carpentaria" was published in Journal Anu Books, ISSN: 0976-5247, in the year 2014.
4. Dr.B.Raju's (Dept. of English) article entitled "A Sesquicentennial Reflections and New Vision in Rabindranth Tagore's Literature and Life" was published in Journal Anu Books, ISBN: 0976-5247, in the year 2014.
5. Mr.P.Venu Gopala Rao, Dept. of Maths, published a paper entitled "Completely Prime and Completely Semi prime s-ideals of Semi near-rings" in Mathematical Sciences International Research Journal, Vol.2, Issue 2, (2013), pp 575-576, ISSN: 2278-8697
6. Dr.G.Srinivasa Rao, Dept. of Physics, published a research article entitled "Measurements of some physical properties of binary liquid mixtures (N-methyl-2-pyrrolidone+an aliphatic ester) at several temperatures and data processing of viscosity and ultrasonic speed in the Journal of Molecular Liquids, 183 (2013) 31-44.
7. Dr.G.Srinivasa Rao and Mr.PVS Sairam, Dept. of Physics, published a research article entitled Thermoluminescence behaviour of certain transition metal ions in novel oxyfluoroborate glasses in the International Journal of Luminescence and Applications (p 30-32)
8. Dr.G.Srinivasa Rao and Mr.PVS Sairam, Dept. of Physics, published a research article entitled "Academic Service Learning – A Tool to integrate Curriculum with co-curriculum" (p 83-90) – Proceedings of UGC sponsored National Seminar on

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- Recognizing Holistic Learning for Quality Enhancement: Integrating Curriculum with co-curriculum of St.Francis College, Secunderabad - ISBN: 978-93-82880-49-3.
9. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled "Comparative Study of Theoretical Ultrasonic Velocities In Binary Liquid Mixture Containing 1-butanol And Hexane At Temperatures (=303.15,308.15, 313.15, 318.15 & 323.15) K" in Indian Streams Research Journal ISSN 2230-7850 Volume-3, Issue-7, August-2013
 10. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled "Densities, Ultrasonic velocities and Excess properties of Binary mixture of 1, 4-Dioxane + 1-Butanol at Temperatures between (298.15 and 318.15) K" in the Journal of Chemical, Biological and Physical Sciences An International Peer Review E-3 Journal of Sciences; Aug. 2013-Oct.2013; Vol.3, No.4; 2914-2923.
 11. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled "Study of acoustical parameters in binary liquid mixture containing 1-butanol and hexane at temperatures 313.15 K, 318.15 K and 323.15 K" in the International Letters of Chemistry, Physics and Astronomy 13 (2013) 1-7.
 12. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled "study of excess thermodynamic parameters in binary liquid mixtures of quinoline with m-cresol at $t=(303.15, 308.15, 313.15, \text{ and } 318.15)\text{k}$ " in the Golden Research Thoughts ISSN 2231-5063 Vol.-3, Issue-6, Dec-2013.
 13. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled "Characterization of useful Functionality by the Study of Excess Thermo Acoustical Parameters in Binary mixture of Multi useful Heterocyclic Aromatic compound with 2-methylphenol at different Temperatures T (=303.15K, 308.15K, 313.15K and 318.15K.) Vol. 1(8), 10-13, September (2013) *Res. J. Physical Sci.* International Science Congress Association.
 14. Dr.CH.Srinivasu, Dept. of Physics, published a research article entitled "Theoretical Evaluation of Ultrasonic Velocity in 1, 4 Dioxane with 1-Butnaol at Temperatures Range 298.15-318.15K" in the International Journal of Pharmaceutical and Chemical Sciences ISSN: 2277-5005 Vol.2(4) Oct-Dec 2013.
 15. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled "Experimental and theoretical evaluations-excess ultrasonic speeds in binary liquid mixture at different

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- temperatures” Pelagia Research Library Advances in Applied Science Research, 2014, 5(1):224-230.
16. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled “Experimental and theoretical evaluation of refractive indices in binary liquid mixture containing 1, 4-dioxane and pentanol at different temperatures-a comparative study” Golden Research Thoughts ISSN 2231-5063 Impact Factor: 2.2052 (UIF) Vol.3 | Issue-8 | Feb-2014.
 17. Dr.CH.Srinivasu, Dept. of Physics, published a research article entitled “Acoustical Behavior of Molecular Interactions in Binary Liquid Mixture Containing 1-Butanol and Hexane at Temperatures 298.15K, 303.15K and 308.15K” in the International Journal of Pharmaceutical and Chemical Sciences, Vol.3(1) Jan-Mar 2014, ISSN: 2277–5005, www.ijpcsonline.com
 18. Dr.T.Srikumar, Dr.M.C.Rao and Dr.CH.Srinivasa Rao, Dept. of Physics, published a research article entitled “Optical Absorption Behavior of LiF–Al₂O₃–B₂O₃ Glass Doped with Ho₂O₃” in the International Journal of Applied Pharmacy, Biology and Chemistry-Vol.2 (3), July-Sept. 2013 ISSN: 2277–4688.
 19. Dr.T.Srikumar, Dr.M.C.Rao and Dr.Ch.Srinivasa Rao, Dept. of Physics, published a research article entitled “Optical absorption behavior of KF–Al₂O₃–B₂O₃ glass doped with Ho₂O₃” in the International Journal of Applied Pharmacy, Biology and Chemistry-Vol.2 (3), July-Sept.2013 ISSN: 2277–4688.
 20. Dr.CH.Srinivasa Rao, Dr.M.C.Rao and Dr.T.Srikumar, Dept. of Physics, published a research article entitled “Optical Absorption Behaviour of NaF–Al₂O₃–B₂O₃ Glass Doped with Ho₂O₃” in the International Journal of Applied Pharmacy, Biology and Chemistry-Vol.2 (3), July-Sept. 2013 ISSN: 2277–4688.
 21. Dr.T.Srikumar and Dr.M.C.Rao, Dept. of Physics, published a research article entitled “Innovations in Teaching and Learning: Top Down or Bottom Up?” in the International Journal of Applied Research, Vol.3|Issue:6|June 2013|ISSN - 2249-555X.
 22. Dr.M.C.Rao, Dept. of Physics, published an article entitled “Power Generation through Lithium-ion Batteries” in the International Journal of Advances in Pharmacy, Biology and Chemical Sciences, Vol. 2 (2013) 498-500.

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23. Dr.M.C.Rao, Dept. of Physics, published an article entitled “Suggestive Measures for Attaining Excellence through Higher Education in the International Research Journal of Educational Sciences, 1(7) (2013) 1-3.
24. Dr.M.C.Rao, Dept. of Physics, published an article entitled “Physical and spectral investigations on Co(II) ions doped PVA capped CdSe Nanoparticles” in the International Journal of Non Oxide Glasses, 5 (2013) 39-45.
25. Dr.M.C.Rao, Dept. of Physics, published an article entitled “Optical Absorption Studies on Ni⁺² Doped PVA Capped ZnSe Nanoparticles” in the International Journal of Optoelectronics and Biomedical Materials 5 (2013) 57-62.
26. Dr.M.C.Rao, Dept. of Physics, published an article entitled “Fundamental Approach to Clinical Applications of Intense Pulsed Light” in the International Journal of Intense Pulsed Lasers and Applied Advanced Physics, 3 (2013) 47-50.
27. Dr.M.C.Rao, Dept. of Physics, published an article entitled “novel approach to fabrication of ZnO bulk and nanostructures” in the International Journal of Chemical Biological and Physical Sciences, 4 (2013) 53-56.
28. Dr.M.C.Rao, Dept. of Physics, published an article entitled “CZTS nanocrystals for New Generation Photovoltaic Devices” in the International Journal of Chemical Biological and Physical Sciences, 4 (2013) 490-495.
29. Dr.M.C.Rao, Dept. of Physics, published an article entitled “Improving electrochemical performance of Lithium-ion batteries using LiMn₂O₄” in the International Journal of Chemical Biological and Physical Sciences, 4 (2013) 496-500.
30. Dr.M.C.Rao, Dept. of Physics, published an article entitled “Development of electrolyte solvents & additives for high voltage cells-Lithium Battery Power” in Lap Lambert Academic Publications, Germany (2013) 199-207. (ISBN: 978-3-659-38098-3).
31. Dr.G.Sahaya Baskaran, Dept. of Physics, published a paper “Fluorescence Features of Samarium Ion in PbO-B₂O₃-SiO₂-Al₂O₃ Glass System” published in Transactions of the Indian Ceramic Society, Vol.72, No.1, pp. 13-17 (2013).
32. Dr.G.Sahaya Baskaran, Dept. of Physics, published a Research Paper entitled “Influence of sesquioxides on fluorescence emission of Yb³⁺ ions in PbO-PbF₂-B₂O₃ glass system” in the Journal of Non-Crystalline Solids, 378 (2013) 265-272.

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33. Dr.G.Sahaya Baskaran, Dept. of Physics, published a Research Paper entitled “Influence of vanadyl ions on dielectric and other physical properties of PbO- CaO-B₂O₃ glasses” in the International Journal of Luminescence and Applications, 32 (2013) 55-57.
34. Dr.G.Sahaya Baskaran, Dept. of Physics, published a Research Paper entitled “Structural, optical, bioactive and degradation studies on B₂O₃ -SiO₂-P₂O₅-Na₂O-CaO glasses doped with chromium ions” in the International Journal of Luminescence and Applications, 32 (2013) 141-145.
35. Dr.G.Sahaya Baskaran, Dept. of Physics, published a Research Paper entitled “Studies on influence of aluminum ions on the bioactivity of B₂O₃-SiO₂-P₂O₅-Na₂O-CaO glass system by means of spectroscopic studies” in the Applied Surface Science 287 (2013) 46-53.
36. Dr.G.V.Ramana, Dept. of Chemistry, published a paper entitled “Super Conducting Properties and Applications of MgB₂” in the International Journal of Advances in Pharmacy Biology and Chemistry, vol.2(2), June 2013 ISSN 2277-4688 PP (365-367).
37. Dr.G.V.Ramana, Dept. of Chemistry, published a paper entitled “Synthesis and Cytotoxic Evaluation for some New Dihydropyrimidinone Derivatives for anticancer activity” in the Journal Letters to Drug Design and Discovery, Vol.10, 2013 PP (699-705).
38. Dr.G.V.Ramana, Dept. of Chemistry, published a paper entitled “Liquid chromatographic separation and analysis of telmisartan and hydrochlorothiazide in pharmaceutical formulations” in the International Journal of Pharmaceutical Science and Research, 2013, Vol. 4(9), ISSN-2320-5148, PP (3630-3634).
39. Dr.G.V.Ramana, Dept. of Chemistry, published a paper entitled “Development and validation of HPLC method for the Estimation of Etoposide in Pharmaceutical formulations” in the International Journal of Chemical and Pharmaceutical Research, Sept.2013, Vol.2(9), ISSN 2319-1716, PP (210-219).
40. Dr.G.V.Ramana, Dept. of Chemistry, published a paper entitled “CZTS Nano Crystals for new generation photovoltaic devices” in the Journal of Chemical Biological and Physical Sciences, Sec.3 November 2013, Vol. 4(1) ISSN 2249-1929, PP (492-495).
41. Dr.G.V.Ramana, Dept. of Chemistry, published a paper entitled “Kinetic study on oxidation of 2-Aryl-Trans-Decahydroquinoline-4ones by LTA” in Chemical Technology, an Indian Journal, Vol.8 (2), 2013.

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42. Dr.Y.Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Fluoride pollution in ground waters of Kandukur revenue sub-division of Prakasam district in A.P., India and batch mode defluoridation using active carbons of some plant byproducts as adsorbents in the International Journal of Applied Biology and Pharmaceutical Technology, 2(4), 323 to 329, (2013).
43. Dr.Y.Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Thermal and Heavy Metal Ion Pollution Assessment in the nearby Water Bodies of Vijayawada Thermal Power Station in the Asian Journal of Chemistry-25 (3): 1547-1554, (2013).
44. Dr.Y.Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Extraction of Some Pollutive Ions Using Different Biomasses in Oxidation Ponds in the International Journal of ChemTech Research, 2013 (in press).
45. Dr.Y.Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Superconducting Properties and Applications of MgB_2 in the International Journal of Advanced Pharmacy, Biology and Chemistry, Vol.2 (2), 365-367, (2013).
46. Dr.Y.Hanumantha Rao, Dept. of Chemistry, published a research paper entitled "CZTS Nano crystals for new generation photo voltaic devices in the International Journal of chemical Biological and physical Sciences–Nov. 2013-Jan 2014, Vol.(4), (1), Pages 490-495 E-ISSN: 2249-1929.
47. Mr.D.Bala Karuna Kumar, Dept. of Chemistry, published a paper entitled "Thermodynamic, ultrasonic and FT-IR studies on binary liquid mixtures of anisaldehyde and alkoxyethanols at different temperatures" in Journal of Molecular Liquids, 178 (2013) 99–112.
48. Mr.D.Bala Karuna Kumar, Dept. of Chemistry, published a paper entitled "Partial molar volumes partial molar adiabatic compressibilities and molar Gibbs energies of anisaldehyde with some alkoxyethanols-Insights through plots showing compositional, volumetric and temperature dependence" in the Journal of Molecular Liquids, 184 (2013) 33–42.
49. Mr.D.Bala Karuna Kumar, Dept. of Chemistry, published a paper entitled "Measurements of some physical properties of binary liquid mixtures (N-methyl-2-pyrrolidone+an aliphatic ester) at several temperatures and data processing of viscosity and ultrasonic speed" in the Journal of Molecular Liquids, 183 (2013) 31–44.

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50. Mr.D.Bala Karuna Kumar's (Dept. of Chemistry) paper entitled "Determination of vapor - liquid equilibria for binary mixtures of NMP with some cyclic compounds" has been accepted for publication in the Journal of Molecular Liquids, 2014.
51. Dr.K.Rayapa Reddy, Dept. of Chemistry, published a research paper entitled "Measurements of some physical properties of binary liquid mixtures (N-methyl-2 pyrrolidone+an aliphatic ester) at several temperatures and data processing of viscosity and ultrasonic speed" in the Journal of Molecular Liquids, 2013, 183, 31-44.
52. Dr.K.Rayapa Reddy, Dept. of Chemistry, published a research paper entitled "Partial molar volumes partial molar adiabatic compressibilities and molar Gibbs energies of anisaldehyde with some alkoxyethanols-Insights through plots showing compositional, volumetric and temperature dependence" in the Journal of Molecular Liquids, 2013, 184, 33-42.
53. Dr.K.Rayapa Reddy, Dept. of Chemistry, published a research paper entitled "Ebulliometric determination of vapor - liquid equilibria for binary mixtures of NMP with some cyclic compounds" in the Journal of Molecular Liquids, 2014, 192, 220-225.
54. Mr.K.Pameswara Rao, Dept. of Chemistry, published a research article on "Determination of Felodipine in Bulk Drug and Its Dosage Formulations using Bromophenol Blue and Bromothymol Blue as Reagents" in the online American Journal of Pharmatech Research, ISSN: 2249-3387. (<http://www.ajptr.com>).
55. Mr.K Pameswara Rao, Dept. of Chemistry, published a research article on "Novel spectrophotometric methods for the assay of glibenclamide in pure and dosage forms" in the online Journal Der Pharma Chemica: 2012, 4(6): 2449-2452. ISSN 0975-413X. (<http://derpharmachemica.com/archive.html>).
56. Mr.K Pameswara Rao, Dept. of Chemistry, published a research article on "Sensitive Extraction Spectrophotometric Methods for the Determination of Atazanavir Sulfate in Bulk and in Pharmaceutical Formations" in the Rasayan Journal of Chemistry, ISSN: 0974-1496. (<http://www.rasayanjournal.co.in>).
57. Dr.B.Siva Kumari, Dept. of Botany, published a paper entitled "Promising Prospects of Anti Malarial Drugs identified at Andhra Loyola College" at World Conference on Infectious Diseases held at Chennai Trade Convention Centre, Chennai, from 18th to 22nd December 2013. (ISBN No.978-81-928547-0-0)

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58. Mr.B.Syam Sundar, Dept. of Commerce, published an article entitled “Unleashing the Entrepreneurial Potential of Women: 5by20 Women’s Economic Empowerment Initiative of Coca Cola Company-A Case Study” in the International Journal for Economics and Business Management-December 2013-Vol.3-Issue 1-ISSN: 2250-2750.
59. Dr.B.Siva Kumari’s (Dept. of Botany) paper entitled “X-ray analysis by Williamson-Hall and Size-Strain plot methods of ZnO nanoparticles with fuel variation” has been accepted and is online from March, 2014 in the World Journal of Nano Science and Engineering.
60. Mrs.Gayatri, Dept. of MCA, published an article entitled “Anonymization Mechanism for Preserving Privacy Location Monitoring System in WSN” in the International Journal of Computer Trends and Technology, Vol.4, Issue 8-2013, ISSN: 2231-2803.
61. Dr.M.Srinivasa Reddy, Dept. of History, contributed two Research articles to the Comprehensive History of Andhra Pradesh–Vol.5 on the Themes Industrial Development in Andhra, Rayalaseema & Telangana (on selection by the Editorial Board)
62. Dr.M. Vijaya Kumar Reddy, Dept. of History, published a research paper entitled “Discovery of New Rock Art Sight in Talakona Valley in Chittoor District” in the Indian Journal of Research, ISSN:2250, January 2013, Ahmedabad.
63. Dr.M.Vijaya Kumar Reddy, Dept. of History, published a research paper entitled “Historical Background of Cuddapah District” in the Indian Journal of Research, ISSN: 2250, January 2013, Ahmedabad.
64. Ms.N.Sireesha, Dept. of Comp. Science, published an article entitled “Data Protection in Cloud Computing on a Large Scale” in the International Journal of Computer Science, Systems Engineering and Information Technology, Vol.7, No.1, ISSN No.0974-5807, Jan-June 2014.
65. Ms.L.Nageswari Devi, Dept. of Comp. Science, published an article entitled “A Rational Immigration to Multi Clouds to drop off Security Risks” in the International Journal of Computer Science and Information Engineering, Vol.5, No.1, ISSN No. 0976-626X, June 2014.
66. The PG Department of Visual Communication launched a bi-monthly Campus Journal viz. “Viscom Times” on 4th January 2014. The Journal provides information to the students on the activities of PG Departments, achievements, national and international news as well as current affairs.

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67. Dr.B.Siva Kumari, Dept. of Botany, published a research paper entitled “X-Ray Analysis by Williamson-Hall and Size-Strain Plot Methods of ZnO Nanoparticles with Fuel Variation” in the Online World Journal of Nano Science and Engineering, 2014, in SciRes. <http://www.scirp.org/journal/wjnse> <http://dx.doi.org/10.4236/2014>.