

## Publications in 2015-16

1. Dr.Kola Sekhar, Dept. of Telugu, published an article entitled “Dr.V R Rasani kathalu-Dalitha,Mainariti,Girijana,Bahujana Jeevitham” in quarterly journal వాఙ్మయి (సాహిత్యం చారిత్రక పరిశోధన పత్రిక ) published by P.S.Telugu University, Hyderabad, with ISSN no 2230-7915 in Jan-Mar 2015 volume.
2. Dr.M.Sivaram, Dept. of Sanskrit, **published an article** entitled “చారుచర్యం – అపనమంత్రం అనువాదము “in the quarterly journal వాఙ్మయి (సాహిత్యం చారిత్రక పరిశోధన పత్రిక) published by P.S.Telugu University, Hyderabad, with ISSN no 2230-7915 in Jan-Mar 2015 volume.
3. Dr.G.Dhanalakshmi, Dept. of Hindi, published an article entitled “**Andhra ke rastriya kavi RayaproluSubbarao**” in a Magazine named Mysore published by the Hindi Prachar Parishad in its March 2015 issue.
4. Dr.G.Dhanalakshmi, Dept. of Hindi, published **two articles** entitled “**Ram kavya may seeta ek adhyanayan**” and “**Krishna bhakthi kavya dhara ke pramuk kaviyoum ka yougadhana**” in the International Research Journal **Yogyatha** with ISSN No 2348-4225 - Date: Vol.: 2, January- March 2015.
5. Sri D. Praveen, Dept .of English, published a paper entitled “Relating The Theory of “New Historicism” and “Cultural Materialism To study The displaced State of the time honoured Ethnic Displaced Racists” in Notions, Vol 6 N0.3, 2015(p) ISSN: 0976-5247, (E) ISSN: 2395.
6. Dr. B.Raju, Head, Mr.R.Vijaya Kumar, Lecturer, Dept. of English, published an article entitled “Aboriginal Writing in Australia is a Cry Demanding Justice, Identity, Representation and Better Deal with the Iniquitous Whitemen” in the Indian Chronicle of English Literature/Special Issue -2015, ISSN 2321-0818.
7. Dr.B. Raju, and Sri R.Vijaya Kumar, Dept. of English, published a paper entitled “Attending Manohar Malgonkar’s Version of Partition In A Bend in the Ganges” in Notions Vol.06 No3 2015(P)ISSN 0976-5247, (e) ISSN: 2395-7239 Dec, 2015
8. Dr.B.Raju, Dept. of English, published an article entitled “Relating The Theory of “New Historicism” and “Cultural Materialism To study The displaced State of the time honoured Ethnic Displaced Racists” in Notions, Vol 6 N0.3, 2015(p) ISSN: 0976-5247, (E) ISSN: 2395-7239. Dec, 2015
9. Dr.B. Raju, Dept. of English, published an article entitled “Crafting Reciprocation and Womanhood: A study of Chitra Devakaruni’s The Mistress of Spices and the Vine of Desire” in the Delta Book World, in association with Prestige Books International, New Delhi, ISBN:978-81-926244-5-7, Jan.2016.

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10. Ms.G.Syamala, Dept. of English, published an article entitled “Violence Against Women in Manju Kapur’s *Difficult Daughters*, *A Married Woman* and *Home*’ in the *Journal of English Language and Literature*, 2015, ISSN: 2349-9753, Vol.2, Issue 3.
11. Ms.T.Sai Mamatha, Dept. of English, published an article entitled “Women Under Repression – An Insight into the female characters of Manju Kapur” in *Indian Chronicle of English Literature/Special Issue–2015* (Acharya Nagarjuna University) ISSN 2321-0818, Feb, 2015
12. Ms.T.Sai Mamatha, Dept. of English, published an article entitled “Assessing Manju Kapur’s Feministic Expressions through the Readings of Patriarchal Culture” in *Veda’s Journal of English Language and Literature*, Vol. 2 Issue 1, 2015, ISSN 2349- 9753
13. Ms.T.Sai Mamatha, Dept. of English, published an article entitled “Understanding the Inner Interwoven World of Indian Women through the characters of Manju Kapur’s Selected Novels” in *ELK Asia Pacific Journals*, ISBN: 978 -81- 930411–2-3, March 2015.
14. Ms.T.Sai Mamatha, Dept. of English, published an article entitled “Women in the age of dollars and Indian Currency–A perception into Sudha Murthy’s ‘Dollar Bahu’ and ‘Maha Shwetha’” in *ELK Asia Pacific Journals* ISBN: 978-81-930411-1-6, March 2015.
15. Ms.T.Sai Mamatha, and Dr.B.Raju, Dept. of English, published an article entitled “Re-visiting the face of the Decline of Marriage and rise of New Families through Manju Kapur’s ‘Home’ and Sudha Murthy’s ‘House of Cards’, in *Notions* Vol.6 No.3, 2015, (P) ISSN:0976-5247, (e)–ISSN:2395-7239, December 2015.
16. Ms.T.Sai Mamatha, Dept. of English, published an article entitled “Technocrats Vision behind the Conventional Family Structures – An Ironical Insight into the leads of Manju Kapur’s ‘Custody’ and Chetan Bhagat’s ‘2 States’” in the *International Journal of Multidisciplinary Approach and Studies*, ISSN No.:2348 -537X, Vol.02, No.6, Nov-Dec 2015.
17. Ms.L.Subha, Dept. of English, published an article entitled “Examining Social Conceptualization in the Novels of Chetan Bhagat” in the *Indian Chronicle of English Literature - Peer Reviewed & Referred International Journal/Special Issue–2015* (Acharya Nagarjuna University) ISSN 2321-0818, Feb, 2015
18. Ms.L.Subha, Dept. of English, published an article entitled “An Insight Into The Traumas Of The Immigrants Of Manju Kapur’s And Bhatathi Mukerjee’s Female Leads” in *Veda’s Journal of English Language and Literature-An International Peer Reviewed Journal*, Vol. 2 Issue 1, March 2015, ISSN:2349- 9753
19. Ms.L.Subha, Dept. of English, published an article entitled “Understanding in the culture and tyranny of social concepts through the works of Chetan Bhagat’s *Revolution 2020* and Aravind Adiga’s *The White Tiger*” in *Glittering Minds*, *ELK Asia Pacific Journals*

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- (K.L University) ISBN: 978-81-930411-1-6, March, 2015.
20. Ms.L.Subha, and Dr.B.Raju, Dept. of English, published an article entitled “The 21<sup>st</sup> Century’s impact on the Technocrat’s brain-A Retrospection into Chetan Bhagat’s male personalities in Five Point Someone- What not to do at IIT” in Notions, A Peer Reviewed Journal of English Literature, Dec.2015
  21. Ms.L.Subha, Dept. of English, published an article entitled “Representing Misapprehension and absurdity in Chetan Bhagat’s select novels” in the International Journal of Multidisciplinary Approach & Studies, ISSN No: 2348-537X, Vol 2, Nov – Dec, 2015
  22. Dr.N.V.Ramana Murty, Fr.G.M.Victor Emmanuel, SJ, and Mr.P.Chenchu Babu, Dept.of Mathematics, published a paper entitled “Applications of Sylow’s Theorems” in the International Journal of Scientific and Innovative Mathematical Research, Vol.3, Spl.Issue 5, (2015), pp 166–168, ISSN:2347-307X.
  23. Dr.N.V.Ramana Murty, Mr.P.Venu Gopala Rao, and Mr.M.Mariadas, Dept. of Mathematics, published a paper entitled “Applications of First Order Differential Equations” in the International Journal of Scientific and Innovative Mathematical Research, Vol.3, Special Issue 5, (2015), pp 173–176, ISSN:2347 – 307X .
  24. Mr.P.Venu Gopala Rao, Dept. of Mathematics, published a paper entitled “A Note on Approximations with respect to Ideals in Semi near rings” in the International Journal of Computational and Applied Mathematics, Vol.9, Number 2, pp 157– 160, ISSN: 1819 – 4966
  25. Mr.P.Venu Gopala Rao, Dept.of Mathematics, published a paper entitled “A Note on s-ideals of Semi Near rings” in Mathematical Sciences International research journal Vol.4, Issue 2 ( 2015 ), pp 406 – 407, ISSN: 2278 – 8697.
  26. Sri A Shou Reddy, Dept. of Maths, published a research article on “Applications of Graph Theory” in the International Journal of Scientific and Innovative Mathematical Research, Vol.I, Special Issue 5, Nov.2015, pp 61-66., ISSN No.2347-307X (Print).
  27. Dr N.Srinivasa Rao, Dept. of Statistics, published an article entitled ‘Mosquitoes problems in Vijayawada city of Andhra Pradesh’, in the International Journal of Multidisciplinary Empirical Research, ISSN: 2349-9656, Vol II, Issue I, PP 46-59
  28. Dr N.Srinivasa Rao, Dept. of Statistics, published an article entitled “Environmental awareness in Andhra Pradesh a case study of Guntur and Vijayawada cities” in the International Journal of Multidisciplinary Advanced Research Trends, ISSN:2349-7408, Vol II, Issue V, PP 19-32

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29. Dr N.Srinivasa Rao, Dept. of Statistics, published an article entitled Generic medicine users in Guntur city of Andhra Pradesh, Common Wealth Journal of Commerce & Management Research, Vol.2, Issue 10 PP12-32 ISSN: 2393-851X
30. Dr.G.Srinivasa Rao, Dept. of Physics, published a research article entitled “Densities, speed of sound, and IR studies of Ethyl lactate with 2-alkoxyethanols at different temperatures” in ThermochemicaActa, Vol.620, 20 November 2015, Pages 1–9.
31. Dr.CH.Srinivasu, Dept. of Physics, published an article entitled “Orientational order parameter in 20.03 and 20.04 Compounds an optical study” in the International Journal of advanced Research in Physical Science ISSN 2349-7874 [WWW.arcjournals.org](http://WWW.arcjournals.org) Special issue Vol 2 issue 1(A). This was released on the occasion of National Seminar on Multifunctional Materials Synthesis And Applications (MFMSA-2015) at Hindu College, Machilipatnam, on 23<sup>rd</sup> and 24<sup>th</sup> January 2015
32. Dr.CH.Srinivasu, Dept. of Physics, published an article entitled “Polarizibilities and orientational order parameter in 20.3 and 20.4 compounds” in the International Journal of Engineering Research–online a peer reviewed international journal ISSN:2321-7758, vol. S1, 2015 (Jan-Feb), pp 7-14
33. Dr.Ch.Srinivasu, Dept. of Physics, published a paper on Synthesis, Characterization and phase Transitions studies in N-(p-n-Ethyloxybenzylidene )-p-n-Alkoxy Anilines,20.0m Liquid crystalline compound
34. Dr.CH.Srinivasu, Dept. of Physics, published an article entitled Thermodynamic parameters studies in N\_(p\_n\_Ethyloxybenzylidene) \_p\_n\_Alkoxy Anilines accepted
35. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled “Comparative study of theoretical ultrasonic velocities of binary liquid mixtures containing quinoline and mesitylene at temperatures  $T=(303.15, 308.15, 313.15 \text{ and } 318.15)$ ” in the Journal of Modern Science 1 (3), 172-177., March 2015.
36. Dr.CH.Srinivasu, Dept. of Physics, published a paper entitled “Excess thermo-acoustical parameters in binary liquid mixture containing n-butanol at different temperatures” in Karbala International Journal of Modern Science 1 (2), 97-100, February 2015.
37. Dr.CH.Srinivasu, Dept. of Physics, published an article entitled “Excess Gibb’s free energy function values at different temperatures in binary liquid mixture for the study of molecular interactions” in the Journal of Chemical and Pharmaceutical Research 7 (6), 488-490, June 2015.
38. Dr.CH.Srinivasu, Dept. of Physics, published an article entitled “Study of adiabatic compressibility in a binary liquid mixture containing quinolone and mesitylene at different temperatures” in Indian Streams Research Journal 5 (5), 1-5, May 2015.

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39. Dr.Ch.Srinivasu, Dept. of Physics, published an Article on “A View on Application of Nano-Scale Science in the Present Scenario” in the journal of Nano science engineering and trends Vol 1, No.3, Dec. 2015.
40. Dr.CH.Srinivasu’s (Dept. of Physics) paper on “Computational Approach of Molar Refraction, Molecular Radius and Internal Pressure of a Binary Mixture – Molecular Interaction Studies” has been accepted for publication in the Journal of Applied Information Science Vol. 3, Issue 2, Dec. 2015.
41. Dr.CH.Srinivasu’s (Dept. of Physics) paper on “Polarizabilities and orientational order parameter in n-(p-n-ethoxybenzylidene)-p-n-alkoxy anilines, 2o.om LC compounds” has been communicated and accepted for publication in the Journal: (JSEMAT) Journal of Surface Engineered Materials and Advanced Technology. November 2015.
42. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Non-linear Optical Studies on CuO Doped Lithium Zirconium Silicate Glass Ceramics for Laser Application” in the Int. J. Tech Chem Res. 1(1) 66-69.
43. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Sustainable practices for the green world” in the Int. J. Multidisciplinary. Adv. Trends, Vol. II, Issue IV(I),May2015
44. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Spectroscopic Studies on CuO Doped  $\text{Li}_2\text{O-ZrO}_2\text{-SiO}_2$  Glass Ceramics” in the Int. J. Chem. Con. 1(1) (2015) 5-8.
45. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Thermodynamic and Gas Sensing Properties of  $\text{Cu}^{2+}$  Doped  $\text{SnO}_2$  Thin Films” in the Int. J. Chem. Con. 1(3) (2015) 114-119.
46. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Impact of Human Activity on Weather Climate of Ibrahimpatnam Mandal and Kondapalli Industrial Area of Krishna District - A Case Study” in the Int. J. Chem. Con. 2(1) (2016) 28-34.
47. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Generation of Electricity from Organic Waste through Microbial Fuel Cell” in the Int. J. Tech Chem Res. 2(1) 67-77.
48. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Luminescent and Gas Sensing Properties of  $\text{SnO}_2$  Thin Films Grown by Pulsed Laser Deposition” in the J. Intense Pulsed Lasers Appl. Adv. Mater. (2016) accepted
49. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Optical and EPR Studies of  $\text{Fe}^{3+}$  Doped Tin Oxide Thin Films by Spray Pyrolysis” in the J. Optoelect. Adv. Mater. (2016) under review.

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50. Dr.T Srikumar, Dept. of Physics, published a Research Article entitled “Optical and EPR Studies of  $\text{Cu}^{2+}$  Doped  $\text{SnO}_2$  Thin Films by Spray Pyrolysis” in the Mater. Res. Innov. (2016) in Press
51. Dr. G. Sahaya Baskaran, Dept. of Physics, published a paper entitled ‘Role of  $\text{Ga}_2\text{O}_3$  ions on the structural and bioactive behaviour of  $\text{B}_2\text{O}_3\text{--SiO}_2\text{--P}_2\text{O}_5\text{--Na}_2\text{O--CaO}$  glass system’ in the International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869, Vol.-3, Issue-4, April 2015
52. Dr.G.Sahaya Baskaran, Dept. of Physics, published a paper entitled ‘Bioactivity studies on  $\text{TiO}_2$ -bearing  $\text{Na}_2\text{O--CaO--SiO}_2\text{--B}_2\text{O}_3$  glasses’, in an Elsevier Journal, Materials Science and Engineering C 57 (2015) 240–248
53. Dr. M.C.Rao, Dept. of Physics, published a paper entitled “Novel Memory Materials in Electronic Gadgets” in the Int. J. Engg. Res. 3 (2015) 134-143.
54. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Spectroscopic Studies on Alumino Alkali Zirconia Silicate Glasses Mixed with Titanium ions for Optoelectronic Device Application” in the Int. J. ChemTech Res. 8(2) (2015) 524-527.
55. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Non-linear Optical Studies on  $\text{CuO}$  Doped Lithium Zirconium Silicate Glass Ceramics for Laser Application” in the Int. J. Tech Chem Res. 1(1) 66-69.
56. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Spectroscopic Studies on  $\text{CuO}$  Doped  $\text{Li}_2\text{O--ZrO}_2\text{--SiO}_2$  Glass Ceramics” in the Int. J. Chem. Con. 1(1) (2015) 5-8.
57. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Structural and photoluminescence studies of  $\text{Co}^{2+}$  doped  $\text{Ca--Li}$  hydroxyapatite nanopowders” in the J. Mater. Sci: Mater. Electron. 26 (2015) 6667–6675.
58. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Synthesis and Characterization of Silver Nanoparticles using *Celastrus Paniculatus* Leaf Extract” in the Int. J. Res. Appl. Sci. Engg. Tech. 3(6) (2015) 958-961.
59. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Growth and Spectroscopic Characterization of Pure and Urea Doped Sulphamic Acid Single Crystals” in the J. Optoelect. Biomedical Mat. 7(4) (2015) 93-99.
60. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Thermodynamic and Gas Sensing Properties of  $\text{Cu}^{2+}$  Doped  $\text{SnO}_2$  Thin Films” in the Int. J. Chem. Con. 1(3) (2015) 114-119.

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61. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Electrical and Gas Sensing Properties of Fe<sup>3+</sup> Doped Tin Oxide Thin Films” in the Int. J. Chem. Con. 1(3) (2015) 120-124.
62. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Structural and Vibrational Studies on Co<sup>2+</sup> Doped SnO<sub>2</sub>Thin Films” in the Int. J. Chem. Con. 2(1) (2016) 24-27.
63. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Impact of Human Activity on Weather Climate of Ibrahimpatnam Mandal and Kondapalli Industrial Area of Krishna District - A Case Study” in the Int. J. Chem. Con. 2(1) (2016) 28-34.
64. Dr.M.C.Rao, Dept. of Physics, published a paper entitled Microstructural Features of Mn<sup>2+</sup> Doped SnO<sub>2</sub>Thin Films” in the Int. J. Tech Chem Res. 2(1) 62-66.
65. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Generation of Electricity from Organic Waste through Microbial Fuel Cell” in the Int. J. Tech Chem Res. 2(1) 67-77.
66. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Applications of Transition metal ions doped PVA-capped CdSe nanopolymers” in the Proc. of International Conference on Science and Engg. of Materials for Future Applications (ICSEMF-2015) (ISBN 978-1-329-77555-8) 284-287.
67. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Structural and Morphological Studies on Ni<sup>2+</sup> Doped SnO<sub>2</sub> Thin Films” in the Proc. of International Conference on Science and Engg. of Materials for Future Applications (ICSEMF-2015) (ISBN 978-1-329-77555-8) 342-344.
68. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “An Ultra-fast Combustion Synthesis of Rare-earth Doped Zinc Nanostructures” in the Proc. of International Conference on Science and Engg. of Materials for Future Applications (ICSEMF-2015) (ISBN 978-1-329-77555-8) 345-348.
69. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Synthesis and Characterization of Transition Metal Doped L-cysteine Hydrochloride Monohydrate Single Crystal by Conventional and Unidirectional Method and its Comparative Study” in Mater. Res. Innov. (2016) in Press
70. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Structural and Dielectric Studies on Unidirectional Growth of Organic Nonlinear Optical Single Crystals of Trans-4-Hydroxy-L-Proline by Sankaranarayananan– Ramasamy Method” in the Int. J. ChemTech Res. (2016) in Press
71. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Luminescent and Gas Sensing Properties of SnO<sub>2</sub> Thin Films Grown by Pulsed Laser Deposition” in the J. Intense Pulsed Lasers Appl. Adv. Mater. (2016) in Press

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72. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Structural and Electrical Properties of TiO<sub>2</sub> Thin films” in the AIP Conf. Proc. (2016) in Press
73. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Luminescent Properties of Mn<sup>2+</sup> doped Apatite Nanophosphors” in the AIP Conf. Proc. (2016) in Press
74. Dr.M.C.Rao, Dept. of Physics, published a paper entitled “Structural and Photoluminescence Properties of Cd and Cu co-doped Zinc Oxide Nanoparticles” in the AIP Conf. Proc. (2016) in Press.
75. Sri PVS Sairam, Dept. of Physics, published an article titled “Thermoluminescence Investigation of Chromium, Molybdenum and Tungsten Ions in Oxyfluoroborate Glasses” in the proceedings of International conference on Science and Engineering of Materials for Future Needs, 21-22 Dec 2015 (ICSEMF-2015). 2015 Proceedings. 173.
76. Dr.D.V.Satish, Dept. of Physics, Published a Paper entitled “Structural And Spectral Characterization Of Co<sup>2+</sup> And Ni<sup>2+</sup> Doped Cdo Powder Prepared From Solution At Room Temperature” in the Journal of Applied Spectroscopy, Vol. 82, No. 5, November, 2015.
77. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Lennard Jones Potentials For Binary Liquid Mixtures of A Multi-Functional Fluid NMP with Industrially Useful Solvents at Different Temperatures in the International Journal of Engineering Research-Online, Vol.3.,S1,2015(Jan-Feb),ISSN: 2321-7758.
78. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled A Medicinal Importance and Chemical Composition of Caralluma Umbellata Haw in the International Journal of Advanced Research in Chemical Science(IJARCS), Vol.2.,Issue 3, March2015, PP 33-37, ISSN : 2349-039X,ISSN:2349-0403(Online).
79. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Effluents From Thermal Power Stations on The Quality of Water Bodies in the International Journal of Multidisciplinary Advanced Research Trends, Vol.2. Issue.1, Feb-2015, ISSN:2349-7408.
80. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled XRD and FT-IR Studies of Activated Carbons Prepared from Agricultural Waste in the International Journal of Engineering Research-Online, Vol.3, S1, 2015(Jan-Feb), ISSN: 2321-7758.
81. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Excess Free Volumes, Internal Pressures and Molar Available Volumes in the Binary Liquid Mixtures of N-Methyl-2-Pyrrolidone at Different Temperatures in the International Journal of Advanced Research in Chemical Science (IJARCS), Vol.2., Issue 2, Feb 2015, PP 28-34, ISSN: 2349-039X, ISSN: 2349-0403 (Online).



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82. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Extraction of Zinc from polluted waters using bio-sorbents derived from Prosopis Cineraia, TephrosiaPurpurea and JusticiaAdhatoda Plants in the Journal of Chemical and Pharmaceutical Research,2015, 7(9):794-808,ISSN:0975-7384.
83. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Effect of Hot Effluents and Effect of Temperature on Water From Thermal Power Stations in the Journal For Advanced Research in Applied Sciences (JARAS), Vol.2, Issue.2, Sept 2015, ISSN:2394-8442(E).
84. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Understand Talent in Sports in the International Journal of Law, Education, Social and Sports Studies (IJLESS), Vol.2, Supplementary Issue. 3, Oct 2015, ISSN: 2455-0418 (Print), 2394-9724 (online).
85. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled Structural and Vibrational Studies on Co<sup>2+</sup> Doped SnO<sub>2</sub> Thin Films in the International Journal of Chemical Concepts, Vol.2, No.01, PP 24-27, 2016 ISSN: 2395-4256.
86. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled XPS Studies on Activated Carbons Prepared from Bio-Waste Materials utilization in Deflouridation Studies in the Journal of Chemical and Pharmaceutical Sciences, Spl.Issue. Dec 2015, PP 45-47, 2016, ISSN: 0974-2115.
87. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled New bio-sorbents in the extraction of chromium (VI) from polluted waters in the Der Pharma Chemica,2015, 7(12) page no:286-298, ISSN:0975-413X.
88. Dr.Y. Hanumantha Rao, Dept. of Chemistry, published a research paper entitled quality assessment of surface and ground waters in the vicinity of Vijayawada thermal power station in theDerPharma Chemica,2015, 7(12) page no:349-364, ISSN:0975-5071.
89. Dr.D.Bala Karuna Kumar, Dept. of Chemistry, published a research article entitled “Lennard jones potentials for binary liquid mixtures of a multi functional fluid nmp with industrially useful solvents at different temperatures”, in the International Journal of Engineering Research 3(2015) 75
90. Dr.D.Bala Karuna Kumar, Dept. of Chemistry, published a research article entitled “Excess Free Volumes, Internal Pressures and Molar Available Volumes in the Binary Liquid Mixtures of N-Methyl-2-Pyrrolidone at Different Temperatures”, in the International Journal of Advanced Research in Chemical Science 2 (2015) 28
91. Dr.D. Bala Karuna Kumar, Dept. of Chemistry, published a research article entitled “Theoretical Evaluation of Ultrasonic Velocities in Binary Liquid Mixtures of Anisic Aldehyde with Salicylates at Different Temperatures Using Different Theories”, in the International Journal of Advanced Research in Chemical Science 2 (2015) 18

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92. Dr. K. Rayapa Reddy, Dept. of Chemistry, published a research paper entitled "Exploration of Volumetric, acoustic, thermodynamic and IR studies of green solvent ethyl lactate with C3 alkanols T = (303.15, 308.15, 313.15 and 318.15) K and atmospheric pressure" in the Journal of Molecular Liquids, 2015, 209, 153-160.
93. Dr. K. Rayapa Reddy, Dept. of Chemistry, published a research paper entitled "Densities, speed of sound, and IR studies of Ethyl lactate with 2-alkoxyethanols at different temperatures" in Thermochimica Acta, 2015, 620, 1-9.
94. Dr. B. Siva Kumari, Dept. of Botany, published a Research Paper entitled "Beneficial Role of Zinc Oxide Nanoparticles on Green Crop Production" in the International Journal Of Multidisciplinary Advanced Research Trends with ISSN No: 2349-7408, Vol. II, Issue I, February 2015.
95. Dr. B. Siva Kumari, Dept. of Botany, published a research paper entitled 'Decoration of Magnesium Oxide Nano-particles On O-Ments and Its Antibacterial Studies' in a Springer Rendiconti Lincei SCIENZE FISICHE E NATURALI with ISSN: 2037-4631 (Print) 1720-0776 (Online)
96. Dr. B. Siva Kumari's (Dept. of Botany) Research Paper entitled "Biological synthesis of CuO nanoparticles for Environmental Applications" was published in the Journal for Advanced Research in Applied Science with ISSN No. –E-2394-8442, brought out as the proceedings of the two day National Seminar on "Advances in Chemical Sciences (NSACS-2015)" organized by the Dept. of Chemistry, KBN College, Vijayawada, on 18<sup>th</sup> & 19<sup>th</sup> Sept. 2015.
97. Sri P Srinivasa Rao, Dept. of Botany, published an article entitled "Phytoremediation-A novel approach to combat soil pollution" in the proceedings of the International Conference on Advances in Plant and Microbe Research (ICAMPR 2016)", sponsored by U.G.C-SAP-DRS programme, organized by Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur during 6<sup>th</sup> – 8<sup>th</sup> January, 2016, pp: 46.
98. Sri N Ranga Babu, Dept. of English, published a paper entitled "Panacea to the Violations of Human Rights in Secular India" in the "International Journal of Academic Research", ISSN: 2348-7666, Vol.2, Issue-4(3), October-December 2015, brought out as the Proceedings of the UGC-sponsored two-day National Seminar on Emerging Issues in Human Rights in India – Acts and Facts, organized by the Departments of History, Economics & Political Science, SKSD Mahila Kalasala (Autonomous), Tanuku, in collaboration with Human Rights Forum Andhra Pradesh and Telangana, on 5<sup>th</sup> & 6<sup>th</sup> Dec. 2015.
99. A key note addressed delivered by Dr. M. Srinivasa Reddy, Dept. of History, entitled "Sardhar Vallabhbhai Patel – A True Soldier in Gandhi's Army and Real Builder of the Nation" at an ICHR-sponsored National Seminar on "Indian National Movement with special reference to Sardhar Vallabhbhai Patel" held at Sri Kandukuri Veresalingam

## Publications in 2015-16

Theistic College, Rajahmundry, on 5<sup>th</sup> & 6<sup>th</sup> Dec. 2015 was published in the Seminar Proceedings with ISBN No.978-93-5067-756-8, 2015.

100. Dr.M.Srinivasa Reddy's (Dept. of History) two Research Articles entitled "Growth of Industries in Andhra" and "Industrial Development in Hyderabad State" were published in Comprehensive History and Culture of Andhra Pradesh, pp: 72-96, Vol.7, ISBN 978-93-85829-77-2, Feb. 2016, published by EMESCO, Hyderabad.
101. Dr.Narayanam Suresh Babu, Dept. of Sanskrit, published an article titled भगवद्गीतायां प्रकटित योगमार्गनिरूपणम् (Bhagavadgitayam prakatita yogamaarganirupanam) in the International Journal of Indian Languages and Literature, Vol-1, Issue-1, August 2015.
102. Sri K.B.S.Sastry, Dept. of Comp. Science, published an article entitled" Web Mining –A review on web mining techniques in the International Journal IJSIMR ISSN (Print) : 2347-307X / ISSN(Online) : 2347-3142
103. Sri B Vijay Raj, Dept of Paramedical and Hospital Administration, published an article entitled "Identification of the small molecules targeting mdm2 and inhibiting p53 binding to be a promising approach to treat cancer by structural based virtual screening, docking and molecular dynamic simulation studies", in the Journal of Cancer Science Therapy, Oct-Nov, 2015; 7(10). ISSN: 1948-5956.
104. Sri B Vijay Raj, Dept of Paramedical and Hospital Administration, published an article entitled "Development of sport science by using information technology", in the International Journal of Law, Education, Social and Sports Studies (IJLESS), Oct- Nov, 2015; 2(3). ISSN: 2394-9724.
105. Sri B Vijay Raj, Dept of Paramedical and Hospital Administration, published an article entitled "Analgesic effect of ethanol extracted leaves of Psidium guajava in animal models", in the Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS), Mar-Apr, 2015; 6(2); Pg. No: 1796. ISSN: 0975-8585 RJPBCS.
106. Sri Y.Subbareddy, PG Dept. of Chemistry, published a research paper on Adsorption of Erythrosine-B on mesoporous graphitic activated carbon prepared from bael tree (Aeglemarmelos) bark: Equilibrium, kinetics and thermodynamic studies, in the Journal of Materials and Environmental Science, 6 (10) (2015) 2836-2852.
107. Mr T Raja Kumar, PG Dept. of Visual Communication, published a paper entitled 'Religious Scriptures and Peace Education as the first authoe in the International Journal of Educatiion for the 21<sup>st</sup> century' Vol. 2 Issue No. 2 July- December 2015 ISSN : 2349 – 5774
108. Mrs. R.P.L.Durgabai Poonam and Mrs.A.Manjula Rani, Dept. of MBA, published an article entitled "Fast Algorithms for Extraction of Liaison Transactions from RDBMS " in the international journal IJRCSE Volume 5,Issue 4, July-August 2015, ISSN : 2321-5585 (online) | ISSN : 2321 – 0338 (PRINT)

## Publications in 2015-16

109. Mrs. R.P.L.Durgabai Poonam and Mrs.A.M.Manjula Rani, Dept. of MBA, published an article entitled “Avoiding Transient loops in High Speed Network Path” in international journal IJRCSE Volume 5, Issue 4, July-August 2015, ISSN : 2321-5585 (online) | ISSN : 2321 – 0338 (PRINT)
110. Dr.Poorna Prabhat Sunkara, Dept. of MBA, published an article entitled “Corporate Social Responsibility Invitation in Developing Countries Like India” in the SS International Journal of Multidisciplinary Research brought out as proceedings of the UGC-sponsored International Seminar on Corporate Social Responsibility Initiatives for Inclusive and Sustainable Development held from 19<sup>th</sup> to 21<sup>st</sup> February 2016 at KBN College, Vijayawada.
111. Mr.T. Jaison Jose, PG Dept. of Chemistry, published an article entitled “Liquid Crystalline Carborane Diester Molecules: Structure and Ultraviolet Absorption Behavior based on DFT and Semiempirical Methods” in the International Advanced Research Journal in Science, Engineering and Technology, DOI 10.17148/IARJSET.2015.21103 14, Vol.2, Issue 11, November 2015
112. Mr.T Jaison Jose, PG Dept. of Chemistry, published an article entitled “Thermodynamic and Ultraviolet Stabilities of Para-Azoxyanisole: A Nematic Liquid Crystal” in the DJ Engineering Physics and Thermodynamics Journal (DJEPATJ), DOI:10.18831/djphys.org/2015011001 1