

Report: 2016-2017

Publications: 2016-17

1. **Dr Marrivada Sivaram, Lecturer in Sanskrit**, Published a research article titled “Vedic thoughts on Air Pollution “is published in “VEDA VIJNANA TARANGINI “with ISBN No 9789381887660 (Proceedings of National Conference on VEDA AND SCIENCE 17th 20th March 2015, published by Sri Venkteswara Vedic University –Tirupati.
2. **Dr. G. Srinivasa Rao, Reader in Physics**, Published a research article titled “Comparative studies of intermolecular interaction of aromatic amines with ethyl lactate at different temperatures” in J. Chem. Thermodynamics 104 (2017) 24–32.
3. **Dr. Narayanam Suresh Babu, Lecturer in Sanskrit**, Published a research article titled *प्रमुखस्मृतिग्रन्थेषु योगविषयाः* (Pramukhasmutigrantheshu yogavishayaah) in the famous ISSN(Online) 2455-1678, Journal of Indian Languages and Literature Vol-1, Issue-3, August-2016.
4. **Dr.B.Raju, Lecturer in English**, Published a research article titled “Investigating Dalit Perspectives through Bama’s Vanmam(Vendetta)”. in literature BAMA A Dalit Feminist edited by R.K.Dhavan & Sumita Puri by Prestige Books
5. **Mr.P.Chenchu Babu, Lecturer in Mathematics**, Published a research article titled “Fundamental group of Heisenberg group” in International Journal of Science and Applied Research, Vol.3, (2016) Issue:8, pp130- 133, ISSN: 2394– 384X.
6. **A.Shou Reddy, Lecturer in Mathematics**, Published a research article titled “Basics on Chromatic polynomials in Graphs”, International Journal of Current Research in Multi Disciplinary(IJCRM)ISSN:2456-0979 vol 1.
7. **A.Shou Reddy, Lecturer in Mathematics** Published a research article titled “Review Concept of Application of Differential Equations” in International Journal of Latest Engineering Research and Applications(IJLERA)ISSN:2455-7137,vol1,issue3.
8. **Fr. G.M.Victor Emmanuel,SJ, Lecturer in Mathematics**, Published a research article titled “Some Results on Approximationsof Prime s-ideals in Seminearrings” in Mathematical Sciences International Research Journal, Vol.5, (2016), pp 31 - 33, ISSN: 2278 – 8697.

9. **Mr.P.Venu Gopala Rao, Lecturer in Mathematics,** Published a research article titled “Some Results on Approximations of Prime s-ideals in Seminearrings” in *Mathematical Sciences International Research Journal*, Vol.5, (2016), pp 31 - 33, ISSN: 2278 – 8697.
10. **Mr. M.Maria Das, Lecturer in Mathematics,** Published a research article titled “Some Results on Approximations of Prime s-ideals in Seminearrings” in *Mathematical Sciences International Research Journal*, Vol.5, (2016), pp 31 - 33, ISSN: 2278 – 8697.
11. **Dr. G. Srinivasa Rao, Reader in Physics,** Published a research article titled “Chemical durability, thermal stability and spectroscopic studies of the influence of Ni²⁺ ions in oxyfluorophosphate glasses” in *Journal of Materials Science: Materials in Electronics*, DOI 10.1007/s10854-016-4909-3.
12. **Dr. G. Srinivasa Rao, Reader in Physics,** Published a research article titled “Activity coefficients and excess Gibbs energy functions of acetophenone with 1,2-dichloroethane and 1,1,2,2-tetrachloroethane binary mixtures by using NRTL, UNIQUAC, UNIFAC and VAN LAAR models at a local atmospheric pressure of 95.3 kPa” in *Karbala International Journal of Modern Science*, 2 (2016) 211-218.
13. **Dr. G. Srinivasa Rao, Reader in Physics,** Published a research article titled “Comparative studies of intermolecular interaction of aromatic amines with ethyl lactate at different temperatures” in *J. Chem. Thermodynamics* 104 (2017) 24–32.
14. **Dr. G. Sahaya Baskaran, Lecturer in Physics,** Published a research article titled ‘Effect of ZrO₂ on the bioactive properties of B₂O₃–SiO₂–P₂O₅–Na₂O–CaO glass system, *Journal of Non-Crystalline Solids* 452 (2016) 23–29
15. **Dr. G. Sahaya Baskaran, Lecturer in Physics,** Published a research article titled “identifying efficient modifier oxide in improving bioactivity of Fe₂O₃ doped calcium oxy fluoro borophosphate glasses”, *Journal of Alloys and Compounds* 692 (2017): 219-226.
16. **Dr. G. Sahaya Baskaran, Lecturer in Physics,** Published a research article titled “Thermoluminescence Features of Alumina-Mixed Borophosphate Glasses With Tb³⁺ Ions for Dosimetry Applications”, *International Journal of Applied Glass Science*, doi:10.1111/ijag.12223.

17. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled 'Review on Nanolithography', Journal of Chemical and Pharmaceutical Sciences 10 (2017) 604.
18. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled "Nanotechnology in dentistry: Present and future perspectives, Journal of Chemical and Pharmaceutical Sciences 10 (2017) 577.
19. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled , Emerging Trends in Nanopolymer Composite Materials J. Chem. Bio. Phy. Sci. Sec. C, 6(3) (2016) 944-950.
20. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled , Morphological and lectrochemical Properties of LiMn_2O_4 Thin Films Der Pharm. Che. 8 (7) (2016) 74-79.
21. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled "Preparation and Structural Characterization of Mn^{2+} Doped CdTe Nanoparticles by Co-precipitation" J. Chem. Pharm. Res. 8(5) (2016) 310-313.
22. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled "Advancements in Layered Cathode Materials for Lithium ion Batteries" J. Chem. Pharm. Res. 8(5) (2016) 450-456.
23. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Microstructural and Electrochemical Studies on Laser Ablated LiNiO_2 Thin Films J. Chem. Pharm. Res. 8(5) (2016) 677- 684.
24. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled "Luminescent Studies on Mn^{2+} Doped CdTe Nanoparticles" J. Chem. Pharm. Res. 8(5) (2016) 721-724.
25. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled GC-MS Screening of Bioactive Compounds from Seeds of Croton Bonplandianum Baill (Euphorbiaceae) Der Pharm. Lett. 8(9) (2016) 341-348.
26. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic and luminescent properties of Co^{2+} doped tin oxide thin films by spray pyrolysis AIMS Mater. Sci., 3(3) (2016) 796-807.
27. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Validated Isocratic Reversed Phase Liquid Chromatographic Method for the

- Determination of Darunavir in Pure and Formulations Der Pharm. Lett. 8(10) (2016) 222-228.
28. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development and Validation of New Stability Indicating RP-HPLC Method for the Assay of Atazanavir in Pure and Dosage Forms Der Pharm. Lett. 8(13) (2016) 259-266.
29. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic Studies on PVP Based Composite Polymer Electrolyte Films for Solid State Battery Application Rasayan J. Chem., 9(3) (2016) 348-354.
30. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development and Validation of Some New UV-Visible Spectrophotometric Methods for the Assay of Indinavir in Pure and Dosage Forms Rasayan J. Chem., 9(3) (2016) 393-400.
31. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled A Rapid RP-HPLC Method Development for Quantitative Estimation of Indinavir in Pure and Dosage Forms Der Pharm. Lett., 8 (14) (2016) 132-139.
32. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development of New Visible Spectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms Res. J. Pharm. Biolo. Chem. Sci., 7(5) (2016) 3042-3050.
33. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development and Validation of Sensitive RP-HPLC Method for the Estimation of Glibenclamide in Pure and Tablet Dosage Forms Der Pharm. Lett., 8 (15) (2016) 101-106.
34. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Validation of spectrophotometric Methods for the Assay of Zolmitriptan in Dosage Forms Der Pharm. Lett., 8 (15) (2016) 125-132.
35. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Transition Metal Doped L-cysteine Hydrochloride Monohydrate Single Crystal by Conventional and Unidirectional Method and its Comparative Study Mater. Res. Innov., 20(7) (2016) 538-544.
36. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Effect of Transition Metal (TM) Ions on Polyvinyl Alcohol Capped ZnSe Nanoparticles J. Bionanoscience 10(5) (2016) 424-429.
37. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Influence of Fe₃O₄ Nanoparticles Dispersed in Liquid Crystalline Compounds – Spectroscopic Characterization Rasayan J. Chem., 9(4) (2016) 556-565.

38. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Schiff Base Liquid Crystals with Dispersed ZnO Nanoparticles-Optical Properties *Rasayan J. Chem.*, 9(4) (2016) 588-596.
39. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Citrate Capped Gold Nanoparticles and their Effect on Liquid Crystals – Optical Studies *Rasayan J. Chem.*, 9(4) (2016) 697-705.
40. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic Studies on PVA Capped ZnSe Nanoparticles *Optoelect. & Adv. Mater.*, (Rapid Commu.) 10 (11-12) (2010) 889-892.
41. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Luminescent Properties of Fe³⁺ Doped CdTe Nanoparticles *Int. J. Chem. Sci.*, 14(4) (2016) 1997-2002
42. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectrophotometric Methods in the Analysis of Drugs in Pure and Dosage Forms *Int. J. Chem. Sci.*, 14(4) (2016) 2389-2396
43. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Investigations on CLHA and Doped CLHA Nanopowders by Mechanochemical Synthesis *Int. J. Chem. Sci.*, 14(4) (2016) 2433-2438
44. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Optical and EPR Studies of Cu²⁺ Doped SnO₂ Thin Films by Spray Pyrolysis *Mater. Res. Innov.*, 21(2) (2017) 102-105.
45. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Nano-Dispersed Fe₃O₄ Liquid Crystal Compound Image Enhancement using Advanced Histogram Equalization Technique *Res. J. Pharm. Biolo. Chem. Sci.*, 8(1) (2017) 919-928
46. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Citrate Capped Au Nanoparticle Dispersion in Liquid Crystalline Compound *Res. J. Pharm. Biolo. Chem. Sci.*, 8(1) (2017) 1029-1038
47. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Thiol Capped Silver Nanoparticles and their Effect on Liquid Crystals *Rasayan J. Chem.*, 10(1) (2017) 16-24
48. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Citrate Capped Silver Nanoparticles Based Liquid Crystals-Spectroscopic Characterization *Res. J. Pharm. Biolo. Chem. Sci.*, 8(1) (2017) 1678-1686

49. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural Studies on Citrate Capped Gold Nanoparticles Dispersed in Liquid Crystals Int. J. Chem Tech 10(2) (2017) in Press
50. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Effect of ZnO Nanoparticles Dispersed in Liquid Crystalline Alkoxy Benzoic Acids and Periodic Noise Reduction using Frequency Domain Filtering J. Pharm. Biolo. Chem. Sci.,8(2) (2017) in Press
51. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural and Luminiscent Properties of PVA Capped ZnSe nanoparticles Mater. Res. Innov. (2017) in Press 34. Structural and Luminescent Properties of Fe³⁺ Doped PVA Capped CdTe Nanoparticles Mater. Sci., Poland (2017) in Press
52. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural and Dielectric Properties of PVP Based Composite Polymer Electrolyte Thin Films J. Inorg. & Organomet. Poly. Mater., (2017) in Press
53. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Optical and Dielectric Properties of PVP Based Composite Polymer Electrolyte Films Poly. Sci., (2017) in Press
54. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural and Luminescent Properties of Fe³⁺ Doped Tin Oxide Thin Films by Spray Pyrolysis J. Optoelect. Adv. Mater., (2017) in Press
55. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Optical and EPR Studies of Fe³⁺ Doped Tin Oxide Thin Films by Spray Pyrolysis J. Optoelect. Adv. Mater., (2017) in Press
56. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Schiff Base Liquid Crystalline Compounds with Dispersed Citrate Capped Gold Nanoparticles - Optical and Textural Analysis Rasayan J. Chem., 10 (1) (2017) in Press
57. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Validation of Stability Indicating RP-HPLC Assay Method of Tofisopam in Pharmaceutical Dosage Form Res. J. Pharm. Biolo. Chem. Sci., 8(2) (2017) in Press
58. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Microstructural Features of Ni²⁺ Doped PVA Capped CdTe Nanoparticles Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) in Press

59. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic Studies on VO²⁺ Doped SnO₂ Thin Films by Spray Pyrolysis Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) in Press
60. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectral Characterization on Mn²⁺ Doped TiO₂ Thin Films Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) in Press
61. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Structural Studies on TiO₂ Thin Films Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) (2017) in Press
62. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Characterization and mesomorphic behaviour of Liquid Crystals with dispersed Fe₃O₄ nanoparticles Carmelight, 12(1) (2016) 91-101.
63. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Economic Load Dispatch with Multiple Fuel Options using GA Tool box in Matlab Energy Proc. (2017) in Press.
64. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled
65. **P.V.S.Sairam, Lecturer in Physics**, Published a research article titled “Healthcare Applications of the Internet of Things (IoT): A Review” in the International Journal of Computer Science and Information Security 9(ISSN 1947 5500) in the IJCSIS Volume 14 Special Issue October 2016
66. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Validated Isocratic Reversed Phase Liquid Chromatographic Method for the Determination of Darunavir in Pure and Formulations Der Pharm.Lett. 8(10) (2016) 222-228.
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72. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Effect of solvent composition on total phenol and flavonoids content of *Withania somnifera*, *Journal of Chemical and Pharmaceutical Sciences*, Volume 10 Issue 1 (2016)601-603.
73. **Dr.Y.Hanumantha Rao, Lecturer in Chemistry**, Published a research article titled “ Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium”, *Journal of Chemical and Pharmaceutical Sciences*, January - March 2017 *JCPS* Volume 10 Issue 1, Pg 580-581 (ISSN: 0974-2115).
74. **Dr.Y. Hanumantha Rao, Dept. of Chemistry**, Published a research article titled “Biosynthesis of silver nanoparticles using *Mytragyna parvifolia* leaf extract”, *Journal of Chemical and Pharmaceutical Sciences*, January - March 2017 *JCPS* Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115)
75. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “A review on Fluoride Pollution in drinking water” in the international *Journal of Engineering Research*. Vol. 4., S2, 2016, ISSN: 2321-7758.
76. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “A Study on Nanotechnology and its application in various fields” in the *Indian Journal of research in Pharmacy and Biotechnology*. Nov-Dec2016, ISSN: 2321-5674 (Print); 2320-3471(Online).
77. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Usage of Nano Insulation materials- A good solution for energy

Efficient Buildings” in the Indian Journal of research in Pharmacy and Biotechnology. Nov-Dec 2016, ISSN: 2321-5674 (Print); 2320-3471(Online)

78. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Power stations – Thermal Pollution of water bodies relevant Environmental Legislation of Ecological Systems” in the international Journal of Engineering Research. Vol. 4., S2, 2016, ISSN: 2321-7758.
79. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Innovations in Nanotechnology in Water purification” in the Indian Journal of research in Pharmacy and Biotechnology. Nov-Dec 2016, ISSN: 2321-5674 (Print); 2320-3471(Online).
80. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Green nanoparticles synthesized from roots of Datura metel and evaluation of anti microbial activity” in the Journal of Pharmacy Research 2016,10(11),730-734 ; ISSN: 0974-6943(Online).
81. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Review on NanoLithography” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 604-605 with ISSN: 0974-2115.
82. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “A view on transport and quantum confinement properties of nano-scale materials - applications” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 568-569 with ISSN: 0974-2115.
83. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Nanomaterials for Medical Applications: Benefits and Risks” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 570-573 with ISSN: 0974-2115.
84. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Biological synthesis of silver nano particles by using Bombax ceiba plant” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 574-576 with ISSN: 0974-2115.
85. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Nanotechnology in dentistry: Present and future perspectives” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 577-579 with ISSN: 0974-2115.

86. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 580-582 with ISSN: 0974-2115.
87. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Genetic and epigenetic effects of nanoparticles” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 585-587 with ISSN: 0974-2115.
88. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Fundamentals of Nanoscience and Technology – A Future Perspective” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 591-592 with ISSN: 0974-2115.
89. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Influence of Nano Materials in Medicine for next generation” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 597-600 with ISSN: 0974-2115.
90. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Biosynthesis of silver nanoparticles using Myrtagyna parvifolia leaf extract” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 606-607 with ISSN: 0974-2115.
91. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “Fabrication of core-shell CdO/ZnS nanocomposites: Transition metal ions” in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 606-607 with ISSN: 0974-2115.
92. **Dr.K.Rayappa Reddy, Lecturer in Chemistry**, published a research paper titled “Comparative Studies Of Inter Molecular Interaction Of Aromatic Amines With Ethyl Lactate At Different Temperatures” in the Journal Of Chemical Thermodynamics with ISSN No. 0021-9614.
93. **Dr.K.Rayappa Reddy, Lecturer in Chemistry**, published a research paper titled Densities, Ultrasonic Velocities, Excess Properties and IR Spectra of Binary Liquid Mixtures of Organic Esters (Ethyl Lactate, Some Organic Carbonates) in the Journal Of Solution Chemistry with ISSN No. 0095-9782
94. **Dr.K.Rayappa Reddy, Lecturer in Chemistry**, published a research paper titled “Activity coefficients and excess Gibbs energy functions of acetophenone with

1,2-dichloroethane and 1,1,2,2-tetrachloroethane binary mixtures by using NRTL, UNIQUAC, UNIFAC and VAN LAAR models at a local atmospheric pressure of 95.3 kPa” in the

95. **Ms.S. Jyothi, Lecturer in Chemistry**, Published a research article titled “Biosynthesis of silver nanoparticles using Myragyna parvifolia leaf extract”, Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115)
96. **Ms.K. Gayatri, Lecturer in Chemistry**, Published a research article titled “Biosynthesis of silver nanoparticles using Myragyna parvifolia leaf extract”, Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115).
97. **Dr.B. Kannamba, Lecturer in Chemistry (PG)**, Published a research article titled, “Taxonomy and Bioactive chemicals from Ganoderma and Phellinus of India. Biological Forum” – An International Journal 8(2): 240-246, ISSN No. (Online): 2249-3239, Impact factor: 2.9
98. **Dr.B. Kannamba, Lecturer in Chemistry (PG)**, Published a research article titled “ Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium”, Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 580-581 (ISSN: 0974-2115).
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100. **Dr.B. Kannamba, Lecturer in Chemistry (PG)**, Published a research article titled “Effect of solvent composition on total phenol and flavonoids content of Withania somnifera”, Journal of Chemical and Pharmaceutical Sciences, January - March 2017, JCPS Volume 10 Issue 1, Pg 601-603 (ISSN: 0974-2115)
101. **Ms.D. Winnei Teja, Lecturer in Chemistry (PG)**, Published a research article titled “ Biosynthesis of silver nanoparticles using Myragyna parvifolia leaf extract”, Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115).

102. **Dr. B. Siva Kumari, Lecturer in Botany**, published a research article titled 'ENHANCEMENT OF GROWTH IN MAIZE BY BIOGENIC-SYNTHEZIZED MGO' International Journal of Pure and Applied Zoology, Volume 4, Issue 3, pp: 262-270, 2016 open Journal with ISSN (Print) : 2320-9577 -ISSN (Online): 2320-9585
103. **Dr. B. Siva Kumari, Lecturer in Botany**, published a research article titled "A Compendium of book published on "Initiative towards Environmental awareness in Connection with Vinayaka Chaviti Celebrations in a Rally Journal.
104. **V. Kavitha, Lecturer in Biotechnology**, published a research article titled "INTENSIFICATION IN DECCANI SHEEP: HAEMATOLOGICAL AND BIOCHEMICAL INFLUENCES" in the European Journal of Molecular Biology and Biochemistry. 2015;2(5):251-256. ISSN - 2348-2206.
105. **Mr. K. Balachandra, Lecturer in Microbiology**, Published a research article titled "Antimicrobial activity screening of Marine bacteria isolated from Machilipatnam seacoast of Andhra Pradesh" in Journal of Applied Biology and Biotechnology
106. **G.M.Srirangam, Lecturer in Zoology** Published a research article titled "Effect of partial replacement of fish meal with duck weed (*Lemna Minor*), and soybean meal on the growth performance of *Ctenopharyngodon Idella* (grass carp)" in the International Journal of Fisheries and Aquatic Studies with an impact factor of 5.8
107. **G.M.Srirangam, Lecturer in Zoology** Published a research article titled Development of New Visible Spectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms published in the Research Journal of Pharmaceutical, Biological and Chemical Sciences
108. **Dr. K.B.S.Sastry, Lecturer in Computer Science**, Published a research article titled "E-Learning Platform Development using A Model Driven Methodology Approach" in the International Journal of Smart Home, Vol. 8, No. 6 (2014), pp. 217-224
109. **Dr. K.B.S.Sastry, Lecturer in Computer Science**, Published a research article titled "Recent Trends in Information Technology 2016 5th National Conference Held at P.V.P. Siddhartha Institute of Technology Kanuru, Vijayawada, India A Relative Study on Traditional ETL and ETL with Apache Hadoop

110. **Dr S Poorna Prabhat, Lecturer in MBA,** Published a research article titled ‘A study on problems and prospects of women entrepreneurs’ with special reference to Guntur district, Andhra Pradesh in International Journal of Advanced Research.
111. **Dr S Poorna Prabhat, Lecturer in MBA,** Published a research article titled ‘Investors’ perception towards different investment avenues’ in International Journal of Advanced Research.
112. **T Raja Kumar, Lecturer in Visual Communication,** Published a research article titled ‘Diasporic Issues: A Psychological Study of Women in Jumba Lahiri’s Namesake’ as the second author in the International Journal New Directions in Post Colonial Literature’ Published by Prestige Books International in June 2016, ISBN No:978-93-82186-99-1.

Papers presented in Seminars / Workshops:

1. Dr Marrivada Sivaram, Lecturer in Sanskrit Participated in UGC funded one day national seminar on “Challenges in Teaching Language” Organised by the departments of languages, S.R.R&C.V.R Govt degree college, Vijayawada on and presented a paper on प्राचीनाधुनिकविद्याबोधने अन्तरा: – प्रसमस्याश्च.(Differences between ancient and modern teaching system and challenges)
2. Dr Marrivada Sivaram, Lecturer in Sanskrit Participated in one day national seminar on “హిందీ తంతులు గు సాహిత్యం – నదీపరశస్రత్యం పర్యవరణచైతన్యం” Organised by the departments of Hindi& Telugu languages, Sri Durga Malleswara Siddhartha Mahila Kalaasala, Vijayawada on 4th August 2016 and presented a paper on సంసక్రతసాహిత్యం లో కృష్ణా నదీ పరశస్రత్యం.(Significance of river Krishna in Sanskrit literature)
3. Dr Marrivada Sivaram, Lecturer in Sanskrit Participated in A Two day National Seminar on “Impact of Ambedkarism on Indian Reality “organized by the Departments of Arts & Languages, Andhra Loyola College, Vijayawada in collaboration with ICPR, ICHR and ICSSR on 3rd and 4th December 2016 and presented an article entitled భీమంబేదకరశతకమ్ - ఒక పరిశీలన. (Bheemambedkara Satakam – a critical study)
4. Dr. Narayanam Suresh Babu, Lecturer in Sanskrit has participated and present a research article titled: అంబేదకర శతకం-ఆధునోకచైతన్యం (Ambetkarshatakam-Aadhunika chaitanyam) in the A Two day National Seminar on Impact of Ambedkarism on Indian Reality organized by the Departments of Arts & Languages Andhra Loyola College, Vijayawada , in collaboration with ICPR, ICHR and ICSSR on 3rd and 4th December 2016.

5. Dr S Poorna Prabhat and Mrs A Madhuri presented a paper on 'e-retailing trends, challenges and opportunities' on 25th and 26th November, 2016 at a UGC funded national seminar organized by the department of commerce and management, KBN College, Vijayawada.
6. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Participated in 1 day DST sponsored INSPIRE Programme organized by SCERT, Govt.of India at ALC on 25th JULY, 2016.
7. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Presented a paper entitled "Environmental Pollution in Air" in 2-day DBT-national seminar held on 2-3 September, 2016 at ALC, Vijayawada.
8. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Presented a paper on Structural investigations on undoped and Cu²⁺ doped ZnCdO at DBT-National seminar on nano materials from 14-15 September, 2016 at A.L.C, Vijayawada.
9. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Presented a paper on Structural, thermal and Magnetic Properties of Cr (III) ions doped ZnS nanocrystals at DBT-National seminar on nano materials from 14-15 September, 2016 at A.L.C, Vijayawada.
10. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Acted as a Resource person during Hands on Training at the Physics Lab for the DST-Sponsored INSPIRE Internship Science Camp Students at Andhra Loyola College, Vijayawada during 17th -21st October, 2016.
11. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Biosynthesis and optical properties of CdS nanoparticles." in the National Seminar on Emerging Trends in Environment and Sustainable Development organized by Departments of Botany, Biotechnology and Microbiology, Andhra Loyola College, Vijayawada on 2nd, 3rd September 2016.
12. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Nanomedicine - The medicine of tomorrow" in the National Seminar on Advances in the Synthesis of Nanomaterials and their Multi Dimensional Applications in Chemical & Bio-Sciences (NANCBS-16) organized by Department of Chemistry, Andhra Loyola College, Vijayawada on 14th, 15th September 2016.
13. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Energy efficient devices for ecological balance" in the National Seminar on Energy & Ecology organized by Department of Physics, Sir C R Reddy Autonomous College, Eluru on 4th, 5th October 2016.
14. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Thermodynamic studies of Tetrahydrofuran with Anilines Conventional and Benson-Kiyohara Approaches" in the National Seminar on Andhra Pradesh Science Congress – Science and Technology for Health organized by AP Akademi of Sciences, NTR Health University, Acharya Nagarjuna University and Krishna University on 7th, 8th, 9th November 2016.
15. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Quantum Dots in Solar Cells" in the National Seminar on Advanced Materials in Science & Technology organized by Department of Physics & Electronics by PR Government College, Kakinada on 23rd, 24th September 2016.

16. *Dr. G. Srinivasa Rao Reader in Physics* Participated in the National Seminar on Materials Science and Technology (Namaste-2016) organized by Department of Physics , VR Siddhartha Engineering College, Vijayawada on 19th November 2016.
17. M. Arokiasamy, Department of Mathematics Presented a paper on “Plastics, the environment and human health : Current concerns and future shocks” in a two day DBT sponsored National seminar on Emerging trends in Environment and sustainable Development” held on 02-03, September, 2016, organized by the Departments of botany, Biotechnology & Microbiology, Andhra Loyola College, Vijayawada, Krishna district, A.P.
18. M. Arokiasamy, Department of Mathematics Presented a paper on “A review on Energy modelling for smart cities” in a two day DBT sponsored National seminar on Emerging trends in Environment and Sustainable Development” held on 02-03, September, 2016, organized by the Departments of botany, Biotechnology & Microbiology, Andhra Loyola College, Vijayawada, Krishna district, A.P.
19. M. Arokiasamy, Department of Mathematics Presented a paper on “Nanotechnology in Dentistry: present and future perspectives” in a two day DBT sponsored National seminar on “Advances in the Synthesis of nanomaterials and their multidimensional Applications in Chemical & Bio-Sciences” (NANCBS-16) held on 14th and 15th, September, 2016, organized by the Departments of Chemistry, Andhra Loyola College, Vijayawada, Krishna district, A.P. and got published in the Journal of Chemical and Pharmaceutical Sciences with ISSN: 0974- 2115(Indexed in SCOPUS and CAS) Volume 10 Issue 1 (January - March 2017) , page: 577-579, www.jchps.com.
20. M. Arokiasamy, Department of Mathematics Presented a paper on “Role of Aluminum ions on the Surface activity of alkali boro silica phosphate bioactive glasses” in a two day DBT sponsored National seminar on “Advances in the Synthesis of nanomaterials and their multidimensional Applications in Chemical & Bio-Sciences” (NANCBS-16) held on 14th and 15th, September, 2016, organized by the Departments of Chemistry, Andhra Loyola College, Vijayawada, Krishna district, A.P.
21. M. Arokiasamy, Department of Mathematics Presented a paper on “Web-Based Teaching and Learning: An altered Environment for professional excellence” in a two day National seminar on “Recent Research Developments in Higher Education” (RRDH-2016) held on 06th and 07th, December, 2016, organized by the Internal Quality Assurance Cell, Andhra Christian College, Guntur, A.P.
22. M. Arokiasamy, Department of Mathematics Presented a paper on "Smart materials for the 21st century and their potentials in engineering" in the UGC sponsored two day National seminar on “SmartMaterials” on 30th November and 1st December, 2016 at JMJ College for Women, Tenali.
23. M. Arokiasamy, Department of Mathematics Presented a paper on “Plastics: The décor & danger to Mother Planet Earth” in a DBT-MHRD-Govt. of India, New Delhi, UGC, APCOST and APFOREST sponsored three day International Conference on “New Approaches in Agriculture, Food and Environmental Sciences” NAAFES-2016 during 22-24, December, 2016 at Andhra Loyola College, Vijayawada.

24. M. Arokiasamy, Department of Mathematics Presented a paper on “Mental Health and Well-being: Recent Developments and Challenges” in a UGC sponsored two day national Conference on “Challenges and opportunities for the Physically Challenged Persons COPCP-17” during 04-05, January, 2017 at Andhra Loyola College, Vijayawada.
25. M. Arokiasamy, Department of Mathematics Presented a paper on “ScenarioDescriptor for ALC Campus – an innovative idea for Assistive Device for the Visually Challenged” in, January, 2017 at Andhra Loyola College, Vijayawada.
26. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper entitled “Healthcare Applications of the Internet of Things (IoT): A Review” in the 3rd International Conference on Emerging Technologies in Computer Science and Engineering (ICETCSE-2016) on 17th, 18th October 2016 organized by Department of Computer Science & Engineering and Information Technology, V R Siddhartha Engineering College, Vijayawada
27. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ BioSynthesis and Optical Properties of CdS Nano Particles” in the 2 day National Seminar in Environment and Sustainable Development held at Andhra Loyola College, Vijayawada during 2nd and 3rd September, 2016
28. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ Nano Medicine – The Medicine of Tomorrow in the DBT Sponsored 2 day National Seminar on Advances in the Synthesis of Nanomaterials and their multidimensional applications in Chemicals and Bio-Sciences held at Andhra Loyola College, Vijayawada organized by Department of Chemistry during 14th and 15th September, 2016
29. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ Role of GIS in Solid Waste Management” in the DBT Sponsored 2 day National Seminar on Solid Waste Management held at SRR & CVR Government Degree & PG College, Vijayawada during 16th and 17th September, 2016
30. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ Bio Medical Wastage – A Threat to Environment ” in the 2 day National Seminar on Energy and Ecology held at CR Reddy Autonomous College, Eluru on 4th – 5th October 2016 on 27th- 28th September 2016
31. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “Role of Gold Nanoparticles in Cancer Diagnostics & Therapy” in the 2nd AP Science Congress National Conference on Science & Technology for Health at P B Siddhartha College of arts of Sciences, Vijayawada during 7-9 November 2016 organized by AP Akademi of Sciences
32. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper entitled “Quantum Dots in Solar Cells” in the National Seminar under on Advanced Materials in Science & Technology on 23 – 24 September, 2016 held at PR Government Degree College, Kakinada
33. Dr.V.Ashok Babu, Reader in Physics Presented a paper entitled "Environmental Pollution in Air" in 2-day DBT-national seminar held on 2-3 September, 2016 at ALC, Vijayawada.

34. Dr.V.Ashok Babu, Reader in Physics Presented a paper on Structural investigations on undoped and Cu²⁺ doped ZnCdO at DBT-National seminar on nano materials from 14-15 September, 2016.
35. Nagadesi P. K, and Arya A, (2016). of department of botany (PG) presented a paper on "Lignicolous fungal diversity from Timbers of Gujarat, India". International Conference on "New Approaches in Biotechnology & Biosciences" (NABB-2016) from Feb 18 - 20, 2016 at Faculty of Engineering & Technology, Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra, India.
36. Nagadesi P.K. (2016). of department of botany (PG) presented a paper on "Biocontrol of Wood decay by Nanoparticles" in: International Conference on "New approaches in Agriculture, Food and Environmental Science" (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 355.
37. Nagadesi P.K. Tabitha M. Amrutha Y.L.S., and Susanthi. S (2016). of department of botany (PG) presented a paper on "Fungal Diversity of Andhra Pradesh" in: International Conference on "New approaches in Agriculture, Food and Environmental Science" (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 91.
38. Aravind G., Nagadesi P.K., Sankar K, Sai mounika M, Swetha, and Ch Mallika, (2016) of department of botany (PG) presented a paper on "Aerobiological fungi in India" in: International Conference on "New approaches in Agriculture, Food and Environmental Science" (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 83.
39. Nagadesi P.K. Kezia D., Venkata Mounika T., and Bhagya lakshmi T. (2016) of department of botany (PG) presented a paper on "Rubber waste management by Lignicolous fungi" in: International Conference on "New approaches in Agriculture, Food and Environmental Science" (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 107.
40. Nagadesi P.K. Naveena R., and Ludhiya V. (2016) "of department of botany (PG) presented a paper on Biological control of Red rot disease in sugarcane from India" in: International Conference on "New approaches in Agriculture, Food and Environmental Science" (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 111.
41. Nagadesi P.K. Monika U. Devipriya P. and Shaniba K.K. (2016) of department of botany (PG) presented a paper on "Mycoremediation of plastic in urban areas of India" in: International Conference on

“New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 353.

42. Aravind G., Srinivasa Reddy Ch., Sankar K., Nagadesi P.K., Siva kumara B., Chinnappa Ch. And Surya Teja G. (2016) of department of botany (PG) presented a paper on “Ambient air quality status in Vijayawada- A case study” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 363.

43. Nagadesi P. K, Aravind G. Siva kumara B., and Sankar K. (2016). of department of botany (PG) presented a paper on Interesting Records of Lignicolous Fungi from Mangrove Forest of Krishna, Andhra Pradesh, India. in: DBT (MHRD, Govt. Of India, New Delhi) Sponsored Two Day National Seminar On "Emerging Trends on Environment and Sustainable Development" Organized by Departments Of Botany, Biotechnology (UG &PG) And Microbiology Of Andhra Loyola College, Vijayawada On 2nd & 3rd September, 2016, pp 77.

44. Nagadesi P. K., Aravind G., Shaniba K. K. and Kannamba B. (2016). of department of botany (PG) presented a paper on Collection, Identification, Phytochemical analysis of bioactive compounds in *Ganoderma lucidum* and *Phellinus noxious*. in: DBT (MHRD, Govt. Of India, New Delhi) Sponsored Two Day National Seminar On "Emerging Trends On Environment And Sustainable Development" Organized By Departments Of Botany, Biotechnology (UG &PG) And Microbiology Of Andhra Loyola College, Vijayawada On 2nd & 3rd September, 2016, pp 61.

45. Siva kumari B., Ravi Kumar P.I. Sankar K., and Nagadesi P.K. (2016). of department of botany (PG) presented a paper on “Nanotechnology –its role in the protection of Environment” in: DBT (MHRD, Govt. Of India, New Delhi) Sponsored Two Day National Seminar On "Emerging Trends on Environment and Sustainable Development" Organized by Departments Of Botany, Biotechnology (UG &PG) And Microbiology Of Andhra Loyola College, Vijayawada On 2nd & 3rd September, 2016, pp 109.

46. Nagadesi P.K. (2016). of department of botany (PG) presented a paper on “Bio-ethanol fuel production by white rot fungi for future energy needs and economy” in UGC Sponsored national Seminar on “Energy, Environment and Economy- the nexus, implications and initiatives” organized by P.G. U.G. Department of Economics, D.N.R. College (Autonomous) Bhimavaram., on 9th and 10th December 2016,

47. D. Winnie Teja and Dr.B.Kannamba presented a paper titled *Effect of extraction methods and solvent of Tridax procumbence* in two day national seminar on “Emerging trends in environment and sustainable

development” during 2nd and 3rd September 2016 organised by Department of Botany, Biotechnology and Microbiology at Andhra Loyola College, Vijayawada.

48. D.Winnie teja presented a paper titled *Biosynthesis of silver nano particles using Myragyna parvifolia leaf extract* at a two day national seminar on “Advances in the synthesis of Nano materials and their multidimensional applications in chemical and bio sciences” organised by Department of chemistry during 14th and 15th september 2016 at Andhra Loyola College, Vijayawada.

49. T.Jaison jose presented a paper titled “Synthesis, antimicrobial activity and analytical applications of Poly-o-Toludine encapsulated Zirconium Bismuth Tunstate nano composite exchanger” at a two day national seminar on “Advances in the synthesis of Nano materials and their multidimensional applications in chemical and bio sciences” organised by Department of chemistry during 14th and 15th september 2016 at Andhra Loyola College, Vijayawada.

50. Dr.B.Kannamba presented two papers titled *Biosynthesis of silver nano particles using Myragyna parvifolia leaf extract* and *Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium* at a two day national seminar on “Advances in the synthesis of Nanomaterials and their multidimensional applications in chemical and bio sciences” organized by Department of chemistry during 14th and 15th September 2016 at Andhra Loyola College, Vijayawada.

51. Dr.B.Kannamba presented a paper on *Management of solid waste in pulp and paper industry* in “National seminar on Solid waste management” organized by Department of Chemistry-PG, S.R.R& C.V.R Govt. Degree and PG College, Vijayawada during 16 & 17th September 2016 at K.V.S.R Siddhartha college of pharmaceutical sciences , Vijayawada.

52. D. Winnie Teja and Dr.B.Kannamba presented a poster on *Nuclear Fuel cycle generated radiation Hazards* in A two day workshop on Radio chemistry” organized by Department of Chemistry during 27-28th September 2016 at P.B. Siddhartha college of Arts and Science, Vijayawada.

53. Dr.B.Kannamba presented a poster on *Effect of extraction methods and solvent on Euphorbia tirucalli* in “ A two day workshop on Radio chemistry” organised by Department of Chemistry during 27-28th september 2016 at P.B. Siddhartha college of Arts and Science, Vijayawada.

54. T.Jaison jose, D. Winnie teja and Dr.B.Kannamba participated in Mendeleev presentation session organised by the named Mendeleev advisor on 15th December 2016 at Andhra Loyola College, Vijayawada.

55. D.Winnie teja and Dr.B.Kannamba Presented a poster on *Effect of extraction methods and solvent on Phytochemical composition of Nyctanthes arbortristis* at International Conference on “New approaches in Agricultural, food and environmental sciences” organised by Department of Botany, Biotechnology and Microbiology during 22-24th december 2016 at Andhra Loyola College, Vijayawada.

56. T Raja Kumar presented a paper entitled ‘Understanding Ambedkarism for the Empowerment of 21st Century Women’ at the National Seminar on ‘Impact of Ambedkarism on Indian Reality’ organised by the Departments of Arts and Languages, Andhra Loyola College, Vijayawada on 3-4 December 2016.

57. Dr. N.V.Ramana Murty, a paper entitled “Applications of Fractional Calculus in Nanotechnology” DBT-MHRD Government of India-New Delhi, Sponsored A Two – day National Seminar on “Advances in the Synthesis of Nanomaterials and Their Multi Dimensional Applications in Chemical & Bio-Sciences” Dept. of Chemistry, Andhra Loyola College, Vijayawada on 14th & 15th Sept. 2016.
58. Dr. N.V.Ramana Murty, a paper entitled “Application of Group Theory in Cryptology” DST SERB Sponsored A Two – day National Seminar on “Recent Developments in Engineering Science and its Computational Applications” Dept. of Mathematics, P.S.C.M.R. College of Engineering and Technology, Vijayawada on 23rd & 24th Sept. 2016
59. Dr. N.V.Ramana Murty, a paper entitled “Symmetry Groups of Some Standard Hadamard Matrices” A Three day 2nd Andhra Pradesh Science Congress, Focal Theme: Science & Technology For Health, Andhra Pradesh Akademi of Sciences, Amaravathi on 7 -9th Nov. 2016.
60. Dr. N.V.Ramana Murty, a paper entitled “Construction of Weyl Group for the Matrix Lie Group $SU(n)$ ” UGC Sponsored A Two-day National Seminar on “Emerging Trends in Mathematics” Dept. of Mathematics, Sir C.R.Reddy Autonomous College, Eluru on 8th & 9th Dec. 2016.
61. Dr. N.V.Ramana Murty, a paper entitled “The Problem of Water Pollution: Oxygen-Sag Model” DBT-MHRD-Govt. of India, New Delhi, UGC, APCOST, APPCB and AP Forest Sponsored A Three-day International Conference on “New Approaches in Agricultural, Food & Environmental Sciences” Depts. of Botany, Bio-Technology & Microbiology, Andhra Loyola College, Vijayawada on 22 -24 Dec. 2016.
62. Dr. N.V.Ramana Murty, a paper entitled “Universal Covering Groups of Matrix Lie Groups” International Conference on “Mathematical Sciences & Engineering Applications” Dept. of Mathematics, Baba Institute of Technology & Sciences, Visakhapatnam on 23-25th Dec. 2016
- 63.** Dr.T.SRIKUMAR Dept. Of Physics_Presented paper on Characteristics of a good teacher to improve quality in higher education at SIR C.R.REDDY autonomous college, Eluru at one week National work shop on quality improvement in higher education from 18th august to 24th august, 2016.
- 64.** Dr.T.SRIKUMAR Dept. Of Physics_Presented paper on Ethics and values in education at one week national work shop on human values and professional ethics, FDP HVPE-2016, at S.S.N.COLLEGE Narasaraopet from 17th September to 23rd september 2016.
- 65.** Dr.T.SRIKUMAR Dept. Of Physics_Presented a paper on climate change-environmental concerns DBT, MHRD, GOVT OF INDIA sponsored, National Seminar on Emerging Trends in environment and sustainable development, SEP 2-3, 2016 Andhra Loyola College, Vijayawada.
- 66.** Dr.T.SRIKUMAR Dept. Of Physics_Presented a paper on process for extraction of metals from e-waste at two day national seminar on solid waste management issues, challenges and opportunities at K.V.S.R. Siddhartha college of pharmaceutical sciences and

p.g.department of chemistry S.R.R& C.V.R Govt college, Vijayawada 16 th ,17th sepember 2016.Presented a paper on Synthesis of advanced amorphous materials for device applications at National Seminar on advanced materials in science and technology by p.g department of physics and electronics, AT P.R.Government college [autonomous].kakinada 23rd&24th September 2016.

- 67.** Dr.T.SRIKUMAR Dept. Of Physics_Spectroscopic and luminescent properties of cr+3 doped cds nano particles at two day national seminar on advances in the synthesis of nano materials and their multi dimensional applications in chemical and bio sciences on 14th& 15 th September 2016 at Andhra Loyola college Vijayawada.
- 68.** Dr.T.SRIKUMAR Dept. Of Physics_Bioactive Glass Material for Clinical Applications at 2nd A.P. Science congress by a.p. akademi of sciences,Amaravathi APSC-2016 at P.B.Siddhartha college of arts and science, Vijayawada from 7th to 9th November 2016.
- 69.** Dr.T.SRIKUMAR Dept. Of Physics_Medical imaging diagnostic applications of Physics at 2nd A.P. Science congress by a.p. akademi of sciences,Amaravathi APSC-2016 at P.B.Siddhartha college of arts and science, Vijayawada from 7th to 9th November 2016.
- 70.** Dr.T.SRIKUMAR Dept. Of Physics_Digital inclusive policy planning, design, and implementation for socially marginalized and excluded groups an Ambedkar perspective at national seminar on impact of Ambedkarism on Indian reality by department of arts and languages,, Andhra Loyola college, Vijayawada from 3-4 December 2016.
- 71.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in DBT-MHRD, UGC, APCOST, APPCB, APFOREST sponsored International Conference on New approaches in Agriculture, Food, & Environmental Sciences (NAAFES-2016) titled “*Mobile phone based Monitoring of soil moisture: A cost effective approach for smart Irrigation*” at Andhra Loyola College, Vijayawada, held from 22nd to 24th December 2016.
- 72.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in 2nd AP Science Congress held at Amaravathi from 7th to 9th November 2016 titled “*Future farming : an insight through IoT*”
- 73.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in DBT-MHRD sponsored national seminar on Advances in the synthesis of Nano materials and their multi-dimensional applications in chemical & Bio sciences(NANCBS-16) titled “*Applications of Nano Materials in Agriculture*” at Andhra Loyola College, Vijayawada, held from 14th to 15th September 2016.
- 74.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in DBT-MHRD sponsored national seminar on Emerging trends in environment and sustainable development titled “*Emerging Applications of IoT in Agriculture & Environment*” at Andhra Loyola College, Vijayawada, held from 2nd to 3rd September 2016.

- 75.** Mr.P.Chenchu Babu attended National Seminar on “Recent Research Developments In Higher Education organized by the Internal Quality Assurance Cell, A.C.College,Guntur on 6.12.2016 and 7.12.2016 and presented a paper on “Review Concept Of Application Of Differential Equations”.
- 76.** Mr.P.Chenchu Babu attended National Seminar on “Recent Research Developments In Higher Education organized by the Internal Quality Assurance Cell, A.C.College,Guntur on 6.12.2016 and 7.12.2016 and presented a paper on “Newton’s Law of cooling”.
- 77.** Mr. M.MARIA DAS attended DST SERB Sponsored National Seminar on “Recent Developments in Engineering Science” organized by Department of Mathematics, PSCMR College of Engineering and Technology, Vijayawada on 24.09.2016 and presented a paper “On Fuzzy s-Ideals of Near semirings”.
- 78.** Mr. M.MARIA DAS attended National Seminar on “Recent Advances in Algebra” organized by Department of Mathematics, S.S.N College, Narasaraopet on 23.10.2016 and presented a paper on “Fuzzy Ideals of Near semirings”.
- 79.** Mr. M.MARIA DAS attended Andhra Pradesh Science Congress organized by A.P. Akademi of Sciences in association with Dr. NTR University of Health Sciences, Acharya Nagarjuna University and Krishna University on 07.11.2016 and 08.11.2016 and presented a paper “On Fuzzy s-k-Ideals of Near semirings”.
- 80.** Mr. M.MARIA DAS attended UGC Sponsored National Seminar on “Emerging Trends in Mathematics” organized by Department of Mathematics, CRR Autonomous College, Eluru on 08.12.2016 and 09.12.2016 and presented a paper on “Fuzzy relation on Near semirings”.
- 81.** Mr. M.MARIA DAS attended DBT Sponsored National Seminar on “Emerging Trends in environment and sustainable development” organized by Departments of Botany, Bio-technology & Microbiology, Andhra Loyola College on 02.09.2016 and 03.09.2016 and presented a paper on “Environmental Pollution in Air”.
- 82.** Mr. M.MARIA DAS attended DBT Sponsored National Seminar on “Advances in Synthesis of Nano Materials” organized by Department of Chemistry, Andhra Loyola College on 14.09.2016 and 15.09.2016 and presented a paper on “Role of Numerical and Applied Mathematics in Nano Materials”.
- 83.** Fr. G.M.Victor Emmanuel attended DST SERB Sponsored National Seminar on “Recent Developments in Engineering Science” organized by Department of Mathematics, PSCMR College of Engineering and Technology, Vijayawada on 23.09.2016 and 24.09.2016 and presented a paper “On Fuzzy s-Ideals of Near semirings”.
- 84.** Mr.P.Venu Gopala Rao attended DBT Sponsored National Seminar on “Emerging Trends in environment and sustainable development” organized by Departments of Botany, Bio- technology

& Microbiology, Andhra Loyola College on 02.09.2016 and 03.09.2016 and presented a paper on “Environmental Pollution in Air”.

85. Mr.P.Venu Gopala Rao attended DBT Sponsored National Seminar on “Advances in Synthesis of Nano Materials” organized by Department of Chemistry, Andhra Loyola College on 14.09.2016 and 15.09.2016 and presented a paper on “Role of Numerical and Applied Mathematics in Nano Materials”.

86. Mr.P.Venu Gopala Rao attended DST SERB Sponsored National Seminar on “Recent Developments in Engineering Science” organized by Department of Mathematics, PSCMR College of Engineering and Technology, Vijayawada on 23.09.2016 and 24.09.2016 and presented a paper “On Fuzzy Ideals of Near semirings”.

87. Mr.P.Venu Gopala Rao attended National Seminar on “Recent Advances in Algebra” organized by Department of Mathematics, S.S.N College, Narasaraopet on 23.10.2016 and presented a paper on “Fuzzy Ideals of Near semirings”.

88. Mr.P.Venu Gopala Rao attended Andhra Pradesh Science Congress organized by A.P. Akademi of Sciences in association with Dr. NTR University of Health Sciences, Acharya Nagarjuna University and Krishna University on 07.11.2016 and 08.11.2016 and presented a paper “On Fuzzy k-Ideals of Near semirings”.

89. Mr.P.Venu Gopala Rao attended UGC Sponsored National Seminar on “Emerging Trends in Mathematics” organized by Department of Mathematics, CRR Autonomous College, Eluru on 08.12.2016 and 09.12.2016 and presented a paper on “Fuzzy relation on Near semirings”.

90. Ms. M. Glory & Mr. K. Balachandra attended Guest lecture on Recent trends in Microbiology and Career opportunities at Siddhartha Mahila Kalasala, Vijayawada on 22th Sept 2016.

91. Dr.B.Raju presented a paper entitled “*Understanding Aboriginal People: Life and Literature*” at the National Literary Conference & Festival organised by K.L. University, Guntur & Indian Society for Common Wealth Studies on 28-30 March 2016.

92. Dr.B.Raju has participated and presented a paper on “*Understanding Geriatric Issues through Literary Texts*” in a Two-Day National Seminar on “Ethical Issues of Geriatric Care in India” organised by Department of Ethics and Religion, ALC in collaboration with Indian Council of Philosophical Research, New Delhi, on 28th and 29th October 2016.

93. Dr.B.Raju has presented a paper entitled “*Effective Methods of Teaching & Learning*” at the National Conference on Communication Skills for Professional Excellence on 30th March, 2016.

94. Dr.B.Raju has presented a Paper entitled “*Understanding Ambedkarism from IV World Perspective*” in the National Seminar held on 3-4 December 2016, at Andhra Loyola College in collaboration with ICSSR, ICHR & ICPR.

- 95.** Dr.B.Raju has participated and presented a paper titles “*Re-Exploration of Eco-Critical Perspectives through Amitav Ghosh’s ‘Hungry Tide and Kamal Markanday’s ‘Nectar in a sieve’*” in a Two-Day DBT –Sponsored National Seminar held on 2-3 September, 2016, organised by the Departments of Botany, Biotechnology & Microbiology, ALC.
- 96.** Mr D Praveen has attended National Seminar on Environmental Protection and Sustainable Development Issues and Challenges: organised by the Departments of Chemistry, Botany and Zoology, at Sir CR Reddy College on 22 and 23 September and presented a paper on “*SOLUTION TO THE PROBLEMS OF THE SUSTAINABLE DEVELOPMENT MANAGEMENT*”.
- 97.** Mr D Praveen has participated and presented a paper on “*Understanding Geriatric Issues through Literary Texts*” in a Two-Day National Seminar on “Ethical Issues of Geriatric Care in India” organised by Department of Ethics and Religion, ALC in collaboration with Indian Council of Philosophical Research, New Delhi, on 28th and 29th October 2016.
- 98.** Mr D Praveen has presented a Paper entitled “*MISREPRESENTATION OF ABORIGINAL AUSTRALIAN IDENTITY*” in the National Seminar held on 3-4 December 2016, at Andhra Loyola College in collaboration with ICSSR, ICHR & ICPR.
- 99.** Mr D Praveen has participated in the UGC funded One-Day National Seminar on Challenges in Teaching Language organised by the Departments of Languages, SRR & CVR Govt. Degree College, and Vijayawada and presented a paper on “*RE-EXAMINING RUDEMENTS FOR BETTER ENGLISH PRONUNCIATION*”.
- 100.** Mr D Praveen has attended A Two-Day National Seminar on “*Advances in the Synthesis of Nonmaterial’s and their Multi Dimensional Applications in Chemical & Bio-Sciences*” held on 14th-15th September, 2016 in Andhra Loyola College and presented a paper on “*Recent Advances in Nanocarbon Materials*”.
- 101.** Mr D Praveen has participated and presented a paper titles “*Re-Exploration of Eco-Critical Perspectives through Amitav Ghosh’s ‘Hungry Tide and Kamal Markanday’s ‘Nectar in a sieve’*” in a Two-Day DBT –Sponsored National Seminar held on 2-3 September, 2016, organised by the Departments of Botany, Biotechnology & Microbiology, ALC.
- 102.** Mr. D Praveen has participated as Resource Person in the Workshop conducted by the IQAC, Andhra Christian College, Guntur on “*Quality Education*” on 2-09-2016.
- 103.** Dr. G. Sahaya Baskaran made passionate presentations (Three) on ‘The Greatness of Loyola Family’ to the three groups of fresher’s during their respective orientation programmes viz. Degree on 14-6-2016; Inter on 16-6-2016 and ALIET on 1-7-2016.
- 104.** Dr. G. Sahaya Baskaran, Department of Physics participated and presented two papers at the National seminar on Environment and sustainable development during 2nd and 3rd September 2016. The titles are: A review on ‘Energy Modelling for Smart Cities’ and ‘Plastics, the environment and human health: current concerns and future shocks’.

- 105.** Dr. G. Sahaya Baskaran, Department of Physics participated and presented three papers at the National Seminar on ‘Advances in the Synthesis of Nanomaterials and their Multi Dimensional Applications in Chemical & Bio Sciences’, Organised by Dept of Chemistry, ALC during 15-16 September, 2016. The titles are: Review on Nanolithography; Role of aluminium ions on the Surface activity of alkali boro silica phosphate bioactive glasses and Emerging role of Nanobiomaterials in Tissue Engineering.
- 106.** Dr. G. Sahaya Baskaran, Department of Physics presented a paper titled ‘Advances in Silica-based Bioglasses for Medical Applications’ at the Two-Day National Seminar on ‘Smart Materials’ held at JMJ College, Tenali during 30th November & 1st December 2016.
- 107.** Dr. G. Sahaya Baskaran, Department of Physics presented three papers titled : Mental health and well- being: Recent developments and challenges ; New Assistive Devices for Visually and Hearing Impaired; Scenario Descriptor for ALC Campus – an innovative idea for an Assistive Device for the Visually Challenged at the National Seminar On Challenges and Opportunities for the Physically Challenged Persons - COPCP17 held during 4th & 5th January 2017 , organised by HEPSN wing of ALC.
- 108.** Dr. G. Sahaya Baskaran, Department of Physics presented a paper on ‘Role of some sesquioxides on the spectroscopic features of neodymium ions on lead oxy fluoro borate glass system’ at the National Seminar on Materials Science and Technology organised by V.R. Siddhartha College of Engineering held on 19th November 2016.
- 109.** Dr. G. Sahaya Baskaran, Department of Physics presented two papers at the 2nd A.P. Science Congress held at P.B. Siddhartha College of Arts and Science. The titles of the Papers are : Structural Role of some sesquioxides on enhancing luminescence efficiency of Praseodymium ions in lead oxy fluoro borate glasses glass system; Influence of Ga₂O₃ ions on the bioactive behaviour of B₂O₃–SiO₂–P₂O₅–Na₂O–CaO glass system .
- 110.** A.SHOUREDDY Attended a national seminar on Recent Research Developments in Higher Education at A.C college, Guntur on 6th and 7th December and presented a paper entitled Newton’s Law Of Cooling.
- 111.** A.SHOUREDDY Attended a national seminar on Recent Research Developments in Higher Education at A.C college, Guntur on 6th and 7th December and presented a paper entitled Review Concept Of Application of Differential Equations.
- 112.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper on “Removal of Fluoride from Aqueous phase by Biosorption – sorption Mechanism Elucidation” in the Three day International Seminar on “ New Approaches in Agricultural Food & Environmental Sciences” NAAFES-2016 – held on 22-24th December,2016 Sponsored by A DBT-MHRD-Govt. of India, New Delhi and UGC at Andhra Loyola College Autonomous Vijayawada.

- 113.** *Dr. Y. Hanumantha Rao, Department of chemistry, has attended a UGC Funded One Day National Seminar on “Emerging Trends in Life Sciences” Organized by Department of Botony and MicroBiology, S.R.R & C.V.R Govt. Degree College, Vijayawada on 22nd June ,2016.*
- 114.** *Dr. Y. Hanumantha Rao, Department of chemistry, has attended a UGC Funded One Day National Seminar on “Molecular & BioChemical Insights in Aqua culture” organized by Department of BioChemistry and Zoology, at S.R.R & C.V.R Govt. Degree College, Vijayawada on 19th July ,2016.*
- 115.** *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Defluoridation Studies with Activated Carbons” in a Two-Day DBT-Sponsored National Seminar on “Emerging Trends in Environment and Sustainable Development” held on 2nd-3rd September,2016, conducted by the Dept. of Botony, Biotechnology & MicroBiology, Andhra Loyola College, Vijayawada,Krishna District, A.P.*
- 116.** *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Ground Water Analysis and Applications with Bio-sorbents” in a Two-Day DBT-Sponsored National Seminar on “Emerging Trends in Environment and Sustainable Development” held on 2nd-3rd September,2016, conducted by the Dept. of Botony, Biotechnology & MicroBiology, Andhra Loyola College, Vijayawada,Krishna District, A.P.*
- 117.** *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Adsorption of Rhodamine-B and Safranin O from Aqueous Solutions by MgO decked FLG coated Fuller’s Earth (MgO-FLG-FE)” in a Two-Day DBT-Sponsored National Seminar on “Emerging Trends in Environment and Sustainable Development” held on 2nd-3rd September,2016, conducted by the Dept. of Botony, Biotechnology & MicroBiology, Andhra Loyola College, Vijayawada,Krishna District, A.P.*
- 118.** *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Synthesis and Characterization of Aluminium Nano particles coated activated carbon from Delonix Regia wood & its adsorption studies” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*
- 119.** *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Emerging Role of Nanobiomaterials in Tissue Engineering” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*
- 120.** *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “NanoLithography” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in*

the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.

121. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “NanoParticles for Gas Sensing Applications” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

122. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Luminescent Studies on VO⁺² Doped ZnS NanoParticles by Co-precipitation Method” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

123. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Spectroscopic and Luminescent properties of Cr⁺³ Doped CdS NanoParticles” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

124. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Structural Characterization of VO²⁺ Doped ZnS NanoParticles by Co-precipitation Method” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

125. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Synthesis and Structural Properties of Cr⁺³ Doped Cds NanoParticles” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

126. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Harmful Effects of NanoMaterials in Human Environment” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

127. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Equilibrium and Kinetics of Adsorption of Acid Blue 9 and Acid Blue 113 by NanoCrystalline Graphitic Carbon” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the*

Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.

128. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Influence of NanoMaterials in Medicine for next generation ” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

129. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “A Review on Deflouridation of drinking water by Nanomaterials ” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

130. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Adsorption of Fluoride by Bio-waste Materials and their Kinetic Study ” in a Two-Day DBT- MHRD Sponsored National Seminar on “Solid Waste Management Issues, Challenges and Opportunities” conducted by Department of Chemistry, S.R.R & C.V.R Govt. Degree & P.G College, Vijayawada on 16th & 17th September,2016 at KVSRR Siddhartha College of Pharmaceutical Sciences, Vijayawada.*

131. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Adsorption of Mercury Using Activated Carbon” in a Two-Day UGC Sponsored National Seminar on “Environmental Protection and Sustainable Development Issues and Challenges: (EPSDIC)” conducted by the Department of Chemistry, Botany and Zoology, Sir C R Reddy Autonomous College ,Eluru on 22nd-23rd September,2016.*

132. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Heavy Metals from contaminated water removed by Bio sorbents” in a Two-Day UGC Sponsored National Seminar on “Environmental Protection and Sustainable Development Issues and Challenges: (EPSDIC)” conducted by the Department of Chemistry, Botany and Zoology, Sir C R Reddy Autonomous College ,Eluru on 22nd-23rd September,2016.*

133. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Power Stations - Thermal pollution of water bodies relevant environmental legislation of ecological systems” in a Two-Day UGC Sponsored National Seminar on “Environmental Protection and Sustainable Development Issues and Challenges: (EPSDIC)” conducted by the Department of Chemistry, Botany and Zoology, Sir C R Reddy Autonomous College ,Eluru on 22nd-23rd September,2016.*

134. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “POWER GENERATION PERSPECTIVES THROUGH SOLAR ENERGY” in a Two-Day UGC*

Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.

135. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “ISSUES AND CHALLENGES IN HYDROPOWER CONTROL” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.

136. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “ROLE OF NANOTECHNOLOGY IN ENERGY CONSERVATION OF ECO-FRIENDLY CONSTRUCTIONS” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.

137. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “ECONOMIC ISSUES AND POLICIES IN SOIL POLLUTION PREVENTION” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.

138. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “IMPACT OF NATURAL RESOURCES ON HUMAN DEVELOPMENT” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.

139. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “ECOSYSTEM- MAINTAINING NATURAL LIFE SUPPORT PROCESSES” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.

140. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “POWER GENERATION PERSPECTIVES THROUGH SOLAR ENERGY” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.

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142. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “DEFLUORIDATION STUDIES OF POTABLE WATER WITH ACTIVATED BIO-WASTE CARBONS” in the Second Andhra Pradesh Science Congress(APSC-2016) held at P.B.Siddhartha College of Arts and Sciences , Vijayawada during 7th-9th November,2016 Organized by A.P Academy of

Sciences in association with Dr. N.T.R University of Health Science, Acharya Nagarjuna University & Krishna University.

143. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Microstructural Features of LiNiO₂ Thin Films Prepared By Pulsed Laser Deposition” in the Second Andhra Pradesh Science Congress(APSC-2016) held at P.B.Siddhartha College of Arts and Sciences , Vijayawada during 7th-9th November,2016 Organized by A.P Academy of Sciences in association with Dr. N.T.R University of Health Science, Acharya Nagarjuna University & Krishna University.

144. *Dr. Y. Hanumantha Rao, Department of chemistry,* has presented paper entitled “Green NanoTechnology – Issues and Challenges” in National Conference on Recent Innovations in Chemistry for Environments (RICE-16) sponsored by Department & Ministry of Science and Technology, New Delhi organized by Department of Chemistry, K L University on 9th-10th December, 2016.

145. *Dr. Y. Hanumantha Rao, Department of chemistry,* has presented paper entitled “Effect of Heavy Metal Ion Pollution on Human Life” in National Conference on Recent Innovations in Chemistry for Environments (RICE-16) sponsored by Department & Ministry of Science and Technology, New Delhi organized by Department of Chemistry, K L University on 9th-10th December, 2016.

146. *Dr. Y. Hanumantha Rao, Department of chemistry,* has presented paper entitled “Removal of Fluoride from Aqueous Phase by Biosorption- Sorption Mechanism Elucidation” in the APSCHE of Higher Education on “Impact of Pharmaceuticals and Personal Care Products on Environment and Sustainability of Environment ” on 16-17th December, 2016 Organized by the Y.A. Government Degree College for Women, Chirala Prakasam District.

147. *Dr. Y. Hanumantha Rao, Department of chemistry,* has presented paper entitled “ Removal of Fluoride from Aqueous Phase by Biosorption- Sorption Mechanism Elucidation” in the Three Day International Conference on “New Approaches in Agricultural, Food & Environmental Sciences” NAAFES-2016 held on 22-23rd December, 2016 Organized by Dept. of Botony, Biotechnology & Microbiology , Andhra Loyola College (A), Vijayawada, Krishna Dist.

148. *Dr. Y. Hanumantha Rao, Department of chemistry,* has presented paper entitled “Equilibrium and Kinetics of the Adsorption of Acid Blue 9 from Aqueous Solutions by MgO decked Flg Coated Fuller’s Earth” in the Three Day International Conference on “New Approaches in Agricultural, Food & Environmental Sciences” NAAFES-2016 held on 22-23rd December, 2016 Organized by Dept. of Botony, Biotechnology & Microbiology , Andhra Loyola College (A), Vijayawada, Krishna Dist.

149. Dr. M. C. Rao, Department of Physics A Facile Synthesis and Luminescent Properties of Fe³⁺ Doped CdTe Nanoparticles 2nd National Conference on

Fundamental and Applied Chemistry, Chemical Science Review and Letters, Salem, 4th June, 2016.

- 150.** Dr. M. C. Rao, Department of Physics Microstructural Features of LiMn_2O_4 Thin Films National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 151.** Dr. M. C. Rao, Department of Physics Electrochemical Properties of LiNiO_2 Thin Films National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 152.** Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of VO^{2+} Doped SnO_2 Thin Films K. Lakshmi, K. Ravindranadh and M.C. Rao National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 153.** Dr. M. C. Rao, Department of Physics Synthesis and Structural Characterization of Ni^{2+} Doped CdTe Nanoparticles National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 154.** Dr. M. C. Rao, Department of Physics Optical and EPR Studies of Mn^{2+} Doped TiO_2 Thin Films by Sol-gel Technique National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 155.** Dr. M. C. Rao, Department of Physics Optical Properties of PVA - Assisted Transition Metal Ions (VO^{2+} , Cr^{3+}) Doped ZnSe Nanoparticles National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 156.** Dr. M. C. Rao, Department of Physics Structural Characterization of Mn^{2+} Doped CdTe Nanoparticles National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 157.** Dr. M. C. Rao, Department of Physics Structural and Electrical Properties of PVP Based Composite Polymer Electrolyte Films for Solid State Battery Application National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 158.** Dr. M. C. Rao, Department of Physics Recent Advancements in Layered Cathodes for Solid State Batteries National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 159.** Dr. M. C. Rao, Department of Physics Preparation and Characterization of TiO_2 Thin Films by Sol-gel Technique National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.

- 160.** Dr. M. C. Rao, Department of Physics Spectroscopic Investigations on Cr³⁺ Doped SnO₂ Thin Films National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 161.** Dr. M. C. Rao, Department of Physics Role of Solar Energy in Electrochemical Processes National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 162.** Dr. M. C. Rao, Department of Physics Sustainable Energy - Implementation and Uses National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 163.** Dr. M. C. Rao, Department of Physics Climate Change-Environmental Concerns National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 164.** Dr. M. C. Rao, Department of Physics Impact of Air Pollution on Human Health National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 165.** Dr. M. C. Rao, Department of Physics Impact of E-Waste on Global Environment National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 166.** Dr. M. C. Rao, Department of Physics Emerging Trends and Applications of Biotechnology in Medicine National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 167.** Dr. M. C. Rao, Department of Physics Natural Resources - Environmental Strategic Considerations National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 168.** Dr. M. C. Rao, Department of Physics Destructive Effects of Environmental Pollution on Human Health National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 169.** Dr. M. C. Rao, Department of Physics Dying Effects of Solid Waste Pollution on Environment National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 170.** Dr. M. C. Rao, Department of Physics Role of Technology Change on Sustainable Development National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 171.** Dr. M. C. Rao, Department of Physics Synthesis and Structural Properties of Cr³⁺ Doped CdS Nanoparticles National Seminar on Advances in the Synthesis of Nanomaterials and

their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

172. Dr. M. C. Rao, Department of Physics Spectroscopic and Luminescent Properties of Cr³⁺ Doped CdS Nanoparticles National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

173. Dr. M. C. Rao, Department of Physics Structural Characterization of VO²⁺ Doped ZnS Nanoparticles by Co-precipitation Method National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

174. Dr. M. C. Rao, Department of Physics Luminescent Studies on VO²⁺ Doped ZnS Nanoparticles by Co-precipitation Method National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

175. Dr. M. C. Rao, Department of Physics Nanoparticles for Gas Sensing Application National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

176. Dr. M. C. Rao, Department of Physics Harmful Effects of Nanomaterials in the Human Environment National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

177. Dr. M. C. Rao, Department of Physics Phytochemical Screening and Evaluation of Various Extracts of Thespesia Populnea(L.) National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

178. Dr. M. C. Rao, Department of Physics Determination of Azithromycin in Pure and Dosage Forms by Spectrophotometric Method National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

179. Dr. M. C. Rao, Department of Physics Impact of Solid Waste Management on Environmental Issues National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt.College, Vijayawada, 16th & 17th September, 2016.

180. Dr. M. C. Rao, Department of Physics Role of Plastics in Day to Day Life National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt. College, Vijayawada, 16th & 17th September, 2016.

- 181.** Dr. M. C. Rao, Department of Physics Processes for the Extraction of Metals from E-Waste National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt. College, Vijayawada, 16th & 17th September, 2016.
- 182.** Dr. M. C. Rao, Department of Physics Role of Biomethanation Technology in Energy Conservation Process National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt. College, Vijayawada, 16th & 17th September, 2016.
- 183.** Dr. M. C. Rao, Department of Physics Structural and Optical Properties of ZnTe Thin Films by Thermal Evaporation National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 184.** Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of Cr³⁺ Doped ZnTe Nanoparticles National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 185.** Dr. M. C. Rao, Department of Physics Morphological Features of Mn²⁺ Doped ZnTe Nanoparticles National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 186.** Dr. M. C. Rao, Department of Physics Luminescent Properties of Ni²⁺ Doped ZnTe Nanoparticles National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 187.** Dr. M. C. Rao, Department of Physics Fundamental Aspects of Polymer Nanocomposites National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 188.** Dr. M. C. Rao, Department of Physics Overview on Thin Film Solar Cells National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 189.** Dr. M. C. Rao, Department of Physics Emerging Trends in Superconducting Polymers National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 190.** Dr. M. C. Rao, Department of Physics Structural and Optical Properties of PVP Based Polymer Thin Films National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
- 191.** Dr. M. C. Rao, Department of Physics Ecosystem- Maintaining Natural Life Support Processes National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.

- 192.** Dr. M. C. Rao, Department of Physics Impact of Natural Resources on Human development National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 193.** Dr. M. C. Rao, Department of Physics Issues and Challenges in Hydropower Control National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 194.** Dr. M. C. Rao, Department of Physics Economic Issues and Policies in Soil Pollution Prevention National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 195.** Dr. M. C. Rao, Department of Physics Power Generation Perspectives through Solar Energy National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 196.** Dr. M. C. Rao, Department of Physics Analysis of Drugs in Pure and Dosage Forms National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 197.** Dr. M. C. Rao, Department of Physics Antioxidant Activity of Thespesia Populnea (L.) Seed Extract National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 198.** Dr. M. C. Rao, Department of Physics Role of Nanotechnology in Energy Conservation of Eco-friendly Constructions National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 199.** Dr. M. C. Rao, Department of Physics Economic Load Dispatch with Multiple Fuel Options using GA Toolbox in Matlab International Conference on Recent Trends in Engineering, Science & Technology, St. Peter's Engineering College, Hyderabad, India, 25th - 27th October, 2016.
- 200.** Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of VO²⁺ Doped SnO₂ Thin Films 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 201.** Dr. M. C. Rao, Department of Physics Optical and EPR Studies of Mn²⁺ Doped TiO₂ Thin Films 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 202.** Dr. M. C. Rao, Department of Physics Synthesis and Structural Characterization of Ni²⁺ Doped PVA Capped CdTe Nanoparticles 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.

- 203.** Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of TiO₂ Thin Films Prepared by Sol-gel Technique 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 204.** Dr. M. C. Rao Spectroscopic Investigations on CLHA Nanopowders by Mechanochemical Synthesis 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 205.** Dr. M. C. Rao Microstructural Features of LiNiO₂ Thin Films Prepared By Pulsed Laser Deposition 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 206.** Dr. M. C. Rao Spectroscopic Studies on ZnO Nanoparticles Embedded Schiff based Liquid Crystalline Compounds 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 207.** Dr. M. C. Rao Structural and Optical Properties of Fe₃O₄ Embedded Liquid Crystalline Compounds 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 208.** Dr. M. C. Rao Effect of ZnO nanoparticles dispersed in Liquid Crystalline Alkoxy benzoic acids Opical Studies 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 209.** Dr. M. C. Rao Structural Characterization of Citrate Capped Silver Nanoparticles Embedded Liquid crystals 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 210.** Dr. M. C. Rao Thermodynamic and Gas Sensing Properties of Cu²⁺ Doped SnO₂ Thin Films 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 211.** Dr. M. C. Rao, Department of Physics Electrical Properties of PVA Capped CdSe Nanopolymers National seminar on Materials Science and Technology, V.R. Siddhartha Engineering College, Vijayawada, 19th November, 2016.
- 212.** Dr. M. C. Rao, Department of Physics Electrical Conduction Phenomenon in PVA Capped CdS Nanopolymers National seminar on Materials Science and Technology, V.R. Siddhartha Engineering College, Vijayawada, 19th November, 2016.
- 213.** Dr. M. C. Rao, Department of Physics Thermal and Photoluminescence Properties of SnO₂ Thin Films National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
- 214.** Dr. M. C. Rao, Department of Physics Vibrational Studies on VO²⁺ Doped SnO₂Thin Films by Spray Pyrolysis National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.

- 215.** Dr. M. C. Rao, Department of Physics Spectroscopic studies on Citrate Capped Gold Nanoparticles doped in Liquid Crystalline Compounds National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
- 216.** Dr. M. C. Rao, Department of Physics Role of ZnO nanoparticles dispersion in Schiff base Liquid Crystalline compounds – Experimental studies National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
- 217.** Dr. M. C. Rao, Department of Physics Development and Validation for Quantitative Estimation of Indinavir in Pure and Dosage Forms Natioanal Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 218.** Dr. M. C. Rao, Department of Physics pectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms Natioanal Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 219.** Dr. M. C. Rao, Department of Physics Green Nanotechnology – Issues and Challenges Natioanal Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 220.** Dr. M. C. Rao, Department of Physics Effect of Heavy Metal ion Pollution on Human Life Natioanal Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 221.** Dr. M. C. Rao, Department of Physics Simulation of 11 Level Hybrid Cascade-Stack (HCS) Inverter with Reduced Number of Switches 2nd International Conference on Smart Electric Grid, K.L. University, Guntur, 22nd & 23rd December, 2016.
- 222.** Dr. M. C. Rao, Department of Physics Comparison of Pi/Fuzzy Techniques for Compensation of Unbalanced Voltages in Grid Connected PMSG Based Wind Turbine 2nd International Conference on Smart Electric Grid, K.L. University, Guntur, 22nd & 23rd December, 2016.
- 223.** Dr. M. C. Rao, Department of Physics An Integration of Dual UPQC Controller for Power Quality Compensation by Extending its Voltage Regulation at Grid Side as a Statcom 2nd International Conference on Smart Electric Grid, K.L. University, Guntur, 22nd & 23rd December, 2016.
- 224.** Dr. M. C. Rao, Department of Physics Synthesis of MoO₃ Nanopowders by Chemical Vapour Deposition International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.
- 225.** Dr. M. C. Rao, Department of Physics Synthesis and Characterization of Cr³⁺ Doped SnO₂ Thin Films International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.
- 226.** Dr. M. C. Rao, Department of Physics Mesomorphic behaviour of Schiff Base Liquid Crystalline Compounds with the dispersion of BaTiO₂ nanoparticles - Optical Studies

International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.

227. Dr. M. C. Rao, Department of Physics haracterization of Schiff base Liquid crystalline compounds with dispersed ZnO nanoparticles - Spectroscopic Studies International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.

228. Dr. M. C. Rao, Department of Physics Characterization of Liquid crystalline compounds with dispersed Citrate capped Au nanoparticles-Optical Studies International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.

229. Fr A Rex Angelo SJ Paper presentation on “A Review of Various ELT Methods” at ALIET, Vijayawada during a two-day National Seminar on ‘Emerging Trends in English Language Pedagogy’ organised by the Department of English on 11 & 12 March 2016.

230. Fr A Rex Angelo SJ Paper presentation on “Caring for the Elderly is a Divine Imperative – A Christian Perspective” during the two-day National Seminar on ‘Ethical Issues of Geriatric Care in India’ organised by the Department of Ethics & Religion, ALC (Autonomous), Vijayawada in collaboration with Indian Council of Philosophical Research, New Delhi during 28 & 29 October 2016.