

## Publications in 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 17<sup>th</sup> 20<sup>th</sup> 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.

## Publications in 2016-17

8. **Fr. G.M.Victor Emmanuel,SJ, 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.
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 Ni<sup>2+</sup> 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 ZrO<sub>2</sub> on the bioactive properties of B<sub>2</sub>O<sub>3</sub>–SiO<sub>2</sub>–P<sub>2</sub>O<sub>5</sub>–Na<sub>2</sub>O–CaO glass system, Journal of Non-Crystalline Solids 452 (2016) 23–29

## Publications in 2016-17

15. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled “identifying efficient modifier oxide in improving bioactivity of Fe<sub>2</sub>O<sub>3</sub> 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 Tb<sup>3+</sup> 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<sub>2</sub>O<sub>4</sub> 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<sup>2+</sup> 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.

### Publications in 2016-17

23. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Microstructural and Electrochemical Studies on Laser Ablated LiNiO<sub>2</sub> 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<sup>2+</sup> 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<sup>2+</sup> 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.

## Publications in 2016-17

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 Fe<sub>3</sub>O<sub>4</sub> 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

## Publications in 2016-17

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 Fe<sup>3+</sup> 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 Cu<sup>2+</sup> Doped SnO<sub>2</sub> 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 Fe<sub>3</sub>O<sub>4</sub> 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

## Publications in 2016-17

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 Luminescent Properties of PVA Capped ZnSe nanoparticles Mater. Res. Innov. (2017) in Press 34. Structural and Luminescent Properties of Fe<sup>3+</sup> 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 Fe<sup>3+</sup> 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 Fe<sup>3+</sup> 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

## Publications in 2016-17

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 Ni<sup>2+</sup> 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 VO<sup>2+</sup> Doped SnO<sub>2</sub> 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 Mn<sup>2+</sup> Doped TiO<sub>2</sub> 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 TiO<sub>2</sub> 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 Fe<sub>3</sub>O<sub>4</sub> 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



## Publications in 2016-17

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.
67. **Dr.G.V.Ramana, Lecturer in Chemistry** , 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.
68. **Dr.G.V.Ramana, Lecturer in Chemistry** , 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.
69. **Dr.G.V.Ramana, Lecturer in Chemistry** , 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.
70. **Dr.G.V.Ramana, Lecturer in Chemistry** , 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.
71. **Dr.G.V.Ramana, Lecturer in Chemistry** , 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.
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

## Publications in 2016-17

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 Myragyna 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

## Publications in 2016-17

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

## Publications in 2016-17

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 Myragyna 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

## Publications in 2016-17

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).
99. **Dr.B. Kannamba, 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)
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,

## Publications in 2016-17

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- SYNTHESIZED 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

## **Publications in 2016-17**

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.