

Andhra Loyola College (Autonomous), Vijayawada
65th College Day Report - 2018-2019

Research Activities:

I. Ph.D. Awarded:

1. Mr.B.Subba Rao of our Telugu Department was awarded Ph.D. Degree in Telugu by Acharya Nagarjuna University, on 28th December 2018.
2. Mr.K.Srinivas of our Statistics Department was awarded Ph.D. Degree in Statistics for his thesis entitled “Linear Estimation in Gamma Family through MATLAB” by Acharya Nagarjuna University, on 8th April 2019.

With these, the total number of our faculty members with NET and SET Qualification goes upto 33. Likewise, the total number of Ph.D. holders among our Staff stands at 63 while that of M.Phil. stands at 24.

II. Research Guidance:

Ph.D. Awarded: Mr.N.Krishnamacharyulu, guided by Dr.G.Sahaya Baskaran, of our Physics Department, was awarded Ph.D Degree for this thesis entitled “Exploration on the Structure, Degradation and in vitro Bioactive behaviour of $B_2O_3-SiO_2-P_2O_5-Na_2O-CaO$ glass system incorporated with some metal ions” by Acharya Nagarjuna University on 2nd April 2019.

M.Phil. Awarded:

1. Ms.M.P.D. Parimala, a Research Scholar under the guidance of Dr.M.C.Rao, Dept. of Physics, was awarded M. Phil. Degree with ‘A’ Grade for her dissertation entitled “Preparation and Characterization of Mn^{2+} Doped TiO_2 Thin Films” by Krishna University, Machilipatnam, on 9th April, 2018.
2. Mr.K.Koteswara Rao, a Research Scholar under the guidance of Dr.M.C.Rao, Dept. of Physics, was Awarded M. Phil. Degree with ‘A’ Grade for his dissertation entitled “Preparation and Characterization of Ni^{2+} Doped CdTe Nanoparticles” by Krishna University, Machilipatnam, on 26th May, 2018.
3. Ms.K.Lakshmi, a Research Scholar under the guidance of Dr.M.C.Rao, Dept. of Physics, was awarded M.Phil Degree for her dissertation entitled “Growth and Characterization of VO^{2+} Doped SnO_2 Thin Films” to Krishna University, Machilipatnam, on 26th February 2019.

4. Mr.R.Naveen, a Research Scholar under the guidance of Dr.M.C.Rao, Dept. of Physics, was awarded M.Phil Degree for his dissertation entitled “Preparation and Characterization of TiO₂ Doped PVP-CH₃COOK Nanocomposite Polymer Films” to Krishna University, Machilipatnam, on 26th February 2019.

Thesis/Dissertation Submitted:

1. Mr.M.Seshu Kumar, a Research Scholar under the guidance of Dr.M.C.Rao, Dept. of Physics, submitted his Ph.D. thesis entitled “Preparation and Characterization of PVP-CH₃COOK/CH₃COONa Nanocomposite Polymer Electrolyte Films” to Krishna University, Machilipatnam, on 20th January, 2019.

Dr.B.Kannamba, PG Dept. of Chemistry, is working on a Research project on ‘Electrochemical Analysis of Bioactive Compounds’ in collaboration with Kazan Federal University, Russia.

Recognitions:

Dr.B.Siva Kumari, Dept. of Botany, has been nominated as a Delegate by the Dept. of Biotechnology, Govt. of India, for the 4th India International Science Festival (IISF) held at Lucknow (5-8 Oct. 2018); Coordinator, District Vanam Manam Program by the Govt. of A.P. and Life Associate Fellow Member of Andhra Pradesh Academy of Sciences at the 4th AP Science Congress held at Yogi Vemana University, Kadapa (9th to 11th Nov. 2018).

Best Paper Presentation Award: Ms.V.Kavitha, Dept. of Biotechnology and Dr.B.Siva Kumari, Dept. of Botany, received the Best Paper Presentation Award for their Paper on “Altered Zinc levels and Zinc transports expression in Azoxymethane induced colonic precancerous and cancerous lesions in Fisher rats” presented at the Andhra Pradesh Science Congress held at Yogi Vemana University, Kadapa, from 9th to 11th November, 2018.

Books Authored:

Our Faculty Members authored eight books on topics of academic and general importance during this academic year.

1. Dr.N.Suresh Babu, Dept. of Sanskrit, authored two Books entitled (1) Gumnavari Shataka Rachana Vaividhyam (ISBN 978-17-2033-965-6) and (2) Shataka prakriya - Samajika chiatanyam (ISBN 978-93-5311-190-8).
2. Sri U.Ganesh, Dept. of Telugu, authored three Books entitled (1) Vedurupaka Vijaya Durgadevi Sathakam, (2) Jnana Saahithi Kadambam and (3) Gurukula Vijnana Chandrika.

3. Dr.Y.Hanumantha Rao, Dept. of Chemistry, authored a Book entitled “Household Defluorination Technique for the Kandukur Revenue Sub-Division waters”
4. Dr.D.Bala Karuna Kumar, Dept. of Chemistry, authored a Book entitled “Molecular Interactions in Binary Mixtures of NMP - An Industrial Solvent” (ISBN Number: 978-613-3-99389-1) published by Lap-Lambert Publishing House, Germany.
5. Dr.M.Srinivasa Reddy, Dept. of History, authored a Book entitled “Modukuru Grama Vemana Jayanthi Utsava Charitra 1929-2018” and it was published by the Dept. of Culture, Government of Andhra Pradesh, 2019.

Publications:

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

1. Dr.R.Ravindra Bhas, Dept. of Telugu, published Research Articles entitled
 1. “Purushadikyathapai Galamettina Sthree Vaaadam” In ‘Vimalvimarsh’ International Peer Reviewed Research Journal, Vol.1 (Spl. Edn.), July 2018, PP 14-17, ISSN: 2348-5884
 2. “Prakruthini Aaraadhinche Banjaaraalu” in ‘Indian Tribals and Folklore’ Vol.1, (International Seminar Special Edition), Aug.2018, PP 450-453, ISBN 978-81-930-476-9-9.
2. Dr.K.Sekhar, Dept. of Telugu, published Research Articles entitled
 1. “Ranganaaya Kamma Kathalu-Strivaada Drukpatham” in ‘Vimalvimarsh’ International Peer Reviewed Research Journal, Vol. 1 (Spl.Edn.), July 2018, PP 91-95, ISSN: 2348-5884.
 2. “Kuravalu-Jaanapada Vaidyam” in ‘Indian Tribals & Folklore’ Vol.1, (International Seminar Spl. Edn.) August 2018, PP 313-316, ISBN 978-81-930-476-9-9.
3. Mr.D.Praveen, Dept. of English, published a poem titled 'The Laugh' in the Creative Writing section of The Commonwealth Review published by The Indian Society for Commonwealth Studies, New Delhi (ISSN 0974-0473, Volume XXV, No. 2).
4. Dr.B.Raju, Dept. of English, published Research Articles entitled “Plight of Early Aborigines: An effort to Retrieve their lost cultural identity and Representation”, in Veda’s Journal of Language and Literature with Issn no: 2349-9753.

5. Dr.G.Syamala, Dept.of English, published a research article entitled, 'Race and Gender Inequity in Chimamanda Ngozi Adichie's Americanah' in *Literary Endeavour*, an International Refereed Journal of English Language, Literature and Criticism (Journal No. 44728) in October 2018.
6. Dr. L. Subha, Dept. of English, published Research Articles entitled:
 1. "Modern Women are the Embodiment of Humanity and Motherhood - A Study of Characters of Sudha Murty's Mahasweta and House of Cards" in 'English Language and Literature in the Era of Globalization', Author Press. 2018. ISBN: 978-93-87651-03-6
 2. "The Role of Women Characters in the Plays of Shakespeare" in the *Research Journal of English*, An International Peer-Reviewed English Journal, Vol.3, Issue-1, 2018. ISSN: 2456-2696, Vol-3, Issue-1, 2018.
 3. "Is the Perception of a Male and a Female writer unchanged in Delineating the Female characters? – A study of Chetan Bhagat's One Indian Girl and Manju Kapur's A Married Woman" 'New Directions in Post-Colonial Literature'. Anu Books, 2018. ISBN: 978-81-936088-6-9.
 4. "Are Indian Women Encircled to a Self-less Image or a Self-less Image?" in *Vimal Vimarsh*, an International Peer Reviewed Research Journal, A Multi-Disciplinary Refereed Research Journal. ISSN: 2348-5884, Vol.1, July, 2018.
 5. "Sagacious Creation Of Modern Women Characters" in the *Research Journal of English*, An International Peer-Reviewed English Journal, Vol.3, Spl. Issue-1, 2018. ISSN: 2456-2696 on "Women in Literature".
7. Dr.T.Sai Mamata, Dept. of English, published Research Articles entitled
 1. "Power versus Relationships- Contemplation of Manju Kapur's Brothers" in 'English Language and Literature in the Era of Globalization', Author Press. 2018. ISBN: 978-93-87651-03-6
 2. "The Role of Women Characters in the Plays of Shakespeare" in the *Research Journal of English*, An International Peer-Reviewed English Journal, Vol.3, Issue-1, 2018. ISSN: 2456-2696.
 3. "Conceptualising Mother & Daughter Relationships through Manju Kapur's 'Home' & Shashi Deshpande's 'The Dark Holds No Terrors'" in 'New Directions in Post-Colonial Literature'. Anu Books, 2018. ISBN: 978-81-936088-6-9.

4. "Revelation of Male and Female Writers in Delineating the Characters" in Vimal Vimarsh, International Peer Reviewed Research Journal, A Multi-Disciplinary Refereed Research Journal. ISSN: 2348-5884, Vol.1, July, 2018.
5. "Images of Women in Modern Creative Writings" in Research Journal of English, An International Peer-Reviewed English Journal, Vol.3, Special Issue-1, 2018. ISSN: 2456-2696 on "Women in Literature".
8. Sri M Arokiasamy, Dept. of Maths, published (07) Research Articles entitled
 1. 'Emerging Trends in Education for Learners with Hearing Challenges'. International Journal of Education for the Future, 4 (2018) 25. ISSN: 2394-9902, Page Nos: 25-30.
 2. 'Innovative Assistive Devices for Persons with Disabilities' in International Journal of Education for the Future, 4 (2018) 132. ISSN: 2394-9902, Page Nos: 132-134.
 3. "Internet of Things and its Impact on Society" in the International journal for Modern trends in Science and Technology with ISSN No.2455-3778, Vol.4, Issue 03, June 2018, Page Nos:61-65.
 4. 'Life Changing IoT Technology for People with Disabilities' in the International Journal of Education for the Future, 4 (2018) 140. ISSN: 2394-9902, Page Nos: 140-142.
 5. "Mental health and well-being: Recent developments and challenges" in the International Journal of Education for the Future, 4 (2018) 135. ISSN: 2394-9902, Page Nos: 135-137.
 6. "Digital Technologies for Enhancing Effectiveness in Teaching and Learning of Mathematics Education" in the International journal Research with ISSN No. 2236-6124, Vol. 7, Issue XII, December 2018, Page Nos: 53-5. 20-25
 7. "Algebra and Boolean Algebra" in International journal Research with ISSN No. 2236-6124, Volume 7, Issue XII, December 2018, Page Nos: 20-25.
9. Dr.N.V.Ramana Murthy, Dept. of Maths, published a Research Article entitled "Construction of Hadamard Matrices" in the International Journal of Management, Technology, and Engineering, Vol. 8, Issue: XII, Dec.2018' pp. 104 – 107.
10. Mr.P.Chenchu Babu & Mr.A.Shou Reddy, Dept. of Maths, published Research Articles entitled

1. "Digital Technologies for Enhancing Effectiveness in Teaching and Learning of Mathematics Education" in International journal Research (IJR) with ISSN No. 2236-6124, Volume 7, Issue XII, December 2018, Page Nos:53-55.
 2. "Algebra and Boolean Algebra" in International journal Research with ISSN No. 2236-6124, Volume 7, Issue XII, December 2018, Page Nos: 20-25.
 3. "Mathematics and its Applications" in International Journal (IJMTE) with ISSN No.2249-7455, impact factor:6.3 Vol.8. Issue XII, Dec. 2018. page No.158-167.
11. Mr.K.Srinivas, Dept. of Statistics, published Research Articles entitled
1. Linear estimation in Weibull type models, in the Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol. 05, Issue 09, pp. 254-261.
 2. Linear estimation in Amoroso type models, in the International Journal of Research and Analytical Reviews, e-ISSN 2348-1269, p-ISSN 2349-5138, Vol.05, Issue 03, pp. 698-707.
 3. Linear estimation in Gamma type models, in the Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol. 05, Issue 09, pp. 683-691.
 4. Linear estimation in Burr type models, in the International Journal of Research and Analytical Reviews, e-ISSN 2348-1269, p-ISSN 2349-5138, Vol.05, Issue 03. Pp. 161-166.
12. Dr.G.Sahaya Baskaran, Dept. of Physics, published Research Articles (10) entitled
1. 'Influence of strontium on structure, bioactivity and corrosion behaviour of $B_2O_3-SiO_2-Na_2O-CaO$ glasses-investigation by spectroscopic methods' in Optical Materials 84 (2018) 292-300.
 2. 'The role of Ni^{2+} ions on structural and spectroscopic properties of $Li_2O-ZrO_2-Y_2O_3-SiO_2$ glass system' in the Journal of Non-Crystalline Solids 498, (2018) 372-379.
 3. 'In vitro degradation studies on bioactive calcium fluoroborophosphate glasses mixed with some modifier oxides-influence of therapeutically active vanadium ions', in Materials Chemistry and Physics 205 (2018) 376-390
 4. 'Influence of Ga^{3+} ions on the structure and in vitro bioactivity of $B_2O_3-SiO_2-Na_2O-CaO$ glass system' in Materials Today: Proceedings 5 (2018) 26245-26254

5. 'An in-vitro bioactive, structural and degradation studies on $B_2O_3-SiO_2-P_2O_5-Na_2O-CaO$ glass system incorporated with chromium ions, in *Materials Today: Proceedings* 5 (2018) 26280–26289.
6. 'Role of molybdenum ions in lead zinc phosphate glass system by means of dielectric studies' in *Materials Science-Poland* DOI: 10.2478/msp-2018-0074.
7. 'Emerging Trends in Education for Learners with Hearing Challenges' in the *International Journal of Education for the Future*, 4 (2018) 25. ISSN: 2394-9902.
8. 'Innovative Assistive Devices for Persons with Disabilities' in the *International Journal of Education for the Future*, 4 (2018) 132. ISSN: 2394-9902.
9. 'Mental health and well-being: Recent developments and challenges' in the *International Journal of Education for the Future*, 4 (2018) 135. ISSN: 2394-9902
10. 'Life Changing IoT Technology for People with Disabilities' in the *International Journal of Education for the Future*, 4 (2018) 140. ISSN: 2394-9902
13. Dr.Y.Subba Reddy, Dept. of Chemistry, published Research Articles (03) entitled:
 1. Equilibrium and kinetic studies of the adsorption of acid blue 9 and Safranin O from aqueous solutions by MgO decked FLG coated Fuller's earth, in the *Journal of Physics and Chemistry of Solids*, Volume 123, December 2018, Pages 43-51.
 2. "Physico-chemical analysis of selected agricultural soils" in the *International Journal of Basic and Applied research*, Vol. 8 No.11 (Nov. 2018) (Pg-115-120).
 3. "Micro nutrient analysis of selected agricultural soils" in the *International Journal of Basic and Applied research*, Vol. 8 No. 11 (Nov. 2018) (Pg-288-293).
14. Dr.B.Siva Kumari, published Research Articles entitled
 1. "Tribal Health - Traditional Medical Systems - Therapeutic Uses and Chemical constituents of *Azadirachata Indica*" published with the ISBN No 978-81-930-476-9-9 on Sept. 2018
 2. "Hazardous Waste Management" in the UGC Approved *Journal of Applied Science and Computations* with the ISSN NO-1076-5131 in March 2019.
15. Dr.Ch Chinnappa, PG Dept. of Botany, Published Research Articles entitled
 1. "Floristics and plaeoecological implications of the Jurassic sequences of India" in *Volumina Jurassica*, Vol.17, PP: 1-16, 2019.
 2. Cretaceous angiosperm radiation - An Indian Scenario. In: *Mass extinctions, Biodiversity and Global problems*. DOI:

<http://dx.doi.org/10.5772/intechopen.82027>

16. Dr.K.B.S.Sastry and Sri S.A.B.Nehru, Dept. of Comp. Science, published Research Articles entitled:
 1. “Web Pages Clustering Using Enhanced Style Similarity” in the International Journal for Research in Engineering Application & Management, ISSN 2454-9150, Vol. No.4, Issue No.7, October 2018.
 2. “Enhanced Top Text Mining using NLP and AI Techniques” in the International Journal of Research in Electronics and Computer Engineering, ISSN 2393-9028 (Print) 2348-2281 (Online), Vol. No.6, Issue No.2, Apr-June 2018.
17. Mr.M. Ravi Kumar, Dept. of Comp. Science, published a Research Article entitled “A Novel Structure of the Data Objects in Data Aware Networking” in the International Journal of Engineering Research in Computer Science and Engineering, ISSN 2394-2320 (Online), Vol. No.5, Issue No.4, April 2018.
18. Mr.B.Balaji Bhanu, Dept. of Electronics, published Research Articles (04)
 1. “Mechanized Irrigation System Cataloging with Remote Sensor Set-Up” in the International Journal of Research in Electronics and Computer Engineering, Vol. 6 Issue 4 (Oct.– Dec. 2018), ISSN: 2348-2281 (Online), Pg 1010 – 1012.
 2. “Live Temperature and Humidity Monitoring System Using IoT” in the International Journal for Modern Trends in Science and Technology (ISSN 2455-3778), Volume 4, Special Issue 3, June 2018, Pg 82-87
 3. “Smart Security System for Women” in the International Journal for Modern Trends in Science and Technology (ISSN 2455-3778), Vol. 4, Spl. Issue 3, June 2018, Pg 115-119.
 4. “Smart Agriculture Monitoring System using WSN Technology” in the International Journal of Science, Engineering and Management (IJSEM), Vol. 3, Issue 4, April 2018, ISSN (Online) 2456 -1304, Pg 30 – 33.
19. Ms.Ch. Varalakshmi and Ms.N.Srivani, Dept. of MBA, published a paper on “Impact of E-recruitment on HR Practices” in the “International Journal of Advanced Research” Vol. 6 Issue 06, June 2018.
20. Mrs.R.P.L.D.B.Poonam, Dept. of MCA, published a Research Article entitled Big Data for Analysis of Commonly Cultivated Crops yield Production in Andhra Pradesh,

in the “International Journal of Pure and Applied Mathematics” Vol.120, No:6, 2018, ISSN-1314-3395.

21. Mr.P.Bhavani Shankar, Dept. of MCA published research articles entitled
 1. “A Comprehensive Review on Swarm Intelligence Algorithms in the Detection of Heart Disease”, in IOSR Journal of Computer Engineering Vol.20, Issue 3, Ver.4 May-June.2018.
 2. “Heart Disease Detection by enhancing the Training phase of Neural Networks using ACO Algorithm (Ant Colony Optimization)” in International Journal of Research, November 2018, ISSN NO: 2236-6124.
22. Dr.N.Praveen Kumar, PG Dept. of Botany, published Research Articles entitled
 1. ”Intragenetic Diversity Of Timber Degrading Fungi From Ratanmahal Wildlife Sanctuary, Gujarat, India By AFLP” in the Asian Jr. of Microbiol. Biotech. Env. Sc. Vol. 20 (Feb. Suppl.): 2018: S152-S158
 2. “Bio-Ethanol Fuel production by White Rot Fungi for future Energy Needs and Economy” International Journal of Creative Research Thoughts | Vol. 6, Issue 2 April 2018: 1335-1343. ISSN: 2320-2882
 3. “Biogenic Synthesis of Engineered Platinum Nanomaterial: A Review International Journal of Scientific Development and Research Vol. 3, Issue 4: 216-220.
 4. “Aero-mycoflora of Amaravati Capital of Andhra Pradesh, in the India Journal of Biodiversity and Environmental Sciences, Vol.12, No.6, p.223-230, 2018, ISSN: 2220-6663 (Print)
 5. “Soft rot of Jackfruit (*Artocarpus heterophyllus*) by *Rhizopus artocarpi* (Berk. & Broome) Boedijn, in Andhra Pradesh, India. Annals of Plant Sciences 7.11 (2018) pp.2451-2455
 6. “Phenotypical studies of lignicolous fungi from Kondapalli hill Central Eastern Ghats, South India, Indian Phytopathology <https://doi.org/10.1007/s42360-018-0090-3> Springer journal.
23. Mr.T.Jaison Jose, P.G Dept. of Chemistry, published research articles entitled
 1. “Physico-chemical analysis of selected agricultural soils” in the International Journal of Basic and Applied research, Vol.8 No.11 (Nov. 2018) (Pg-115-120)

2. "Micro nutrient analysis of selected agricultural soils" in the International Journal of Basic And Applied Research, Vol. 8 No. 11 (Nov. 2018) (Pg-288-293)
 3. "Theoretical Model of a Nematogen: Estimation of Phase Stability, Absorption, Electrochemical and Nonlinear Optical Properties" in Acta Physica Polonica A Vol. XX (20YY) doi: blind text/APhysPolA.XX.temp-9502
 4. "Theoretical study on ultraviolet profile and chemical reactivity descriptors of fluorinated Liquid crystals: Effect of end chain length and substituent" in Molecular Crystals and Liquid Crystals, Vol.665, No. 01 (2018) (PP 119-132).
 5. "Quantum and Thermodynamics Estimation of Mesostate Behaviour of Alkyl Benzoic Acids in Dielectric Medium: Comparative study" in Arabian Journal for Science and Engineering <https://doi.org/10.1007/s13369-019-03791-0> (First Online version: 28 February 2019)
24. Mr.V.N. Satyanarayana, Dept. of Economics, published Research Articles entitled
1. "Role of Public Distribution System in Andhra Pradesh - An Analysis" in the "International Journal of Engineering and Management Research" (Vol. 8, Issue – 4, August 2018)
 2. "Technology Driven PDS in AP–A Case Study of Krishna and Guntur Districts" in the "Journal of Business Economics and Management, (Vol.-1, Issue–2, Oct. 2018)
25. Ms.T.Rojamani and Dr.G.A.Prasad Rao, Dept. Of Library, published a Research Article entitled Samachara Hakku Chattam (RTI)-2005 - Grandha Palakulaku Okaa Avagahana in Grandhala Sarvaswam. Vol. 79 (10), Dec. 2018. ISSN. 0972-8140.
26. Dr. M.C.Rao, Dept. of Physics, published Research Articles (International Journals) entitled:
1. Electrical Conductivity Studies on (1-x)[PVA/PVP]: x[MgCl₂{6H₂O}] Blend Polymer Electrolytes (AIP Conf. Proc., 1953 (2018) 050002-4.)
 2. Optical Absorption Studies on Biodegradable PVA/PVP Blend Polymer Electrolyte System (AIP Conf. Proc., 1953 (2018) 050003-4.)
 3. Spectroscopic Studies on Samarium Oxide (Sm₂O₃) Doped Tungsten Tellurite Glasses (AIP Conf. Proc., 1953 (2018) 090001-4.)
 4. Dielectric Studies on PVA/PVP Blend Polymer Electrolyte Films AIP Conf. Proc., 1953 (2018) 100002-4.
 5. Impedance Analysis on PVA/PVP: GO Blend Nanocomposite Polymer Films AIP Conf. Proc., 1953 (2018) 100003-4.

6. Role of Mn^{2+} ions on optical and luminescent properties of $LiF-Sb_2O_3-ZnO-B_2O_3-SiO_2$ glasses (Optik, 170 (2018) 156-165.)
7. Role of Mn^{2+} ions on optical and luminescent properties of $CaF_2-Y_2O_3-ZnO-B_2O_3-SiO_2$ glasses (Res. Phys., 10 (2018) 546-557.)
8. Structural and electrochemical properties of PVP- CH_3COOK based solid polymer electrolyte films (Mater. Res. Express, 5 (2018) 075301(1-13).)
9. Preparation and Structural Characterization of PVP- CH_3COONa Based Polymer Films Res. Rev. J. Phys., 7(2) (2018) 25-31.
10. Effect of ZrO_2 Nanofiller on Ionic Conductivity Studies of PVP- $CH_3COONa.3H_2O$ Polymer Electrolyte Films (AIP Conf. Proc., 1992 (2018) 030011-4.)
11. Structural and Luminescent Properties of Samarium Oxide (Sm_2O_3) Doped Lead Fluoro Tungsten Tellurite Glasses (AIP Conf. Proc., 1992 (2018) 040019-4.)
12. Effect of TiO_2 Nanofiller on Structural Properties of PVP- CH_3COOK Based Solid Polymer Electrolytes (AIP Conf. Proc., 1992 (2018) 040020-4.)
13. Grid Power Energy System for IoT Applications (AIP Conf. Proc., 1992 (2018) 040021-4.)
14. Effect of Zinc Stannate Nanofiller on PVA- CH_3COONa Polymer Electrolyte for Humidity Sensor Application. (AIP Conf. Proc., 1992 (2018) 040022-4.)
15. Thermal and Optical Properties of Zinc Stannate Doped PVA Capped CH_3COONa Polymer Electrolyte Films (AIP Conf. Proc., 1992 (2018) 040023-4.)
16. Thermal and Discharge Characteristics of PVP- CH_3COONa Based Polymer Electrolyte Films (Chem. Sci. Rev. Lett., 7(26) (2018) 659-663.)
17. Microstructural and Electrical Properties of PVP- CH_3COONa Polymer Films Chem. Sci. Rev. Lett., 7(26) (2018) 664-668.
18. Cr^{3+} doped $NaF-ZrO_2-B_2O_3-SiO_2$ glass ceramic materials for optoelectronic device application (Optik, 173 (2018) 78-87.)
19. Effect of Nanofiller on FTIR, DSC and DC Conductivity Studies of PVP Based Polymer Films (Res. Rev. J. Phys., 7(3) (2018) 4-8.)
20. Structural and ionic conductivity studies of PVA/PVP: KNO_3 composite polymer electrolyte films (Mater. Today: Proc., 5 (2018) 26365–26371.)
21. Dielectric studies on PVP- CH_3COONa based solid polymer electrolytes Mater. Today: Proc., 5 (2018) 26405–26410.

22. Absorption and emission features of Ho^{3+} ion in Nb_2O_5 mixed Lithium zirconium silicate glasses (Mater. Today: Proc., 5 (2018) 26411–26416.)
23. Influence of TiO_2 on structural, luminescent and conductivity investigations of $\text{CaF}_2\text{-CaO-Y}_2\text{O}_3\text{-B}_2\text{O}_3\text{-P}_2\text{O}_5$ glasses (Optik, 179 (2019) 1109-1117.)
24. Influence of Al_2O_3 Nanofiller on Morphological and Discharge Studies of PVP: CH_3COOK Films (Res. Rev. J. Phys., 8(1) (2019) 17-22.)
25. Structural and electrochemical properties of ZrO_2 doped PVP- Na^+ based nanocomposite polymer films (Mater. Sci. Semicon. Proc., 89 (2019) 41–50.)
26. Structural and photoluminescence investigations of Cr^{3+} mixed $\text{Li}_2\text{O-Bi}_2\text{O}_3\text{-ZrO}_2\text{-SiO}_2$ glass ceramics for optoelectronic device application (Optik, 181 (2019) 721-731.)
27. Dr.Y.Hanumantha Rao, Dept. of Chemistry, published research articles entitled:
 1. “Green Synthesis and characterization of silver nanoparticle from ampelocissus latifolia root extract” in the ElSevier, Proceedings 5 (2018) 26271-26279, PCNCM with ISSN: 0974-2115.
 2. “Removal of Chromium (VI) from water using Bio-Adsorbents derived fromleaves of Salvandora Perisico and Caesalpinia bonduc Plants” in the Rasayan journal of Chemistry, Vol.10 Issue 4, Pg:1104-1113, ISSN: 0974-1496.
 3. “Using Bio Adsorbents Elimination of Methyl Orange Dye from Polluted Waters” in the International journal for Research in Engineering Application & Management with ISSN: 2454-9150.
 4. “Using Bio Adsorbents Elimination of Methyl Orange Dye from Polluted Waters” in the International journal of Engineering Science Invention, with ISSN: 2319-6726.
 5. “Investigation for Phytochemical Compounds in the plant material of Rosa Indica” in the Journal of Advanced Studies in Agriculture, Biological and Environmental Sciences, Vol. 5, Issue 1, ISSN: 2455-0221.
 6. “A Study of Method Development, Validation and Forced Degradation for Simultaneous Quantification of Glecaprevir And Pibrentasvir In Bulk And Pharmaceutical Dosage Form By RP-HPLC” in the European Journal of Biomedical and Pharmaceutical Sciences, ISSN: 2349-8879, Vol 6, issue 3, Pp: 293-297, 2019.

28. Mr. M.Maria Das published a Research Article entitled
1. “Application of Hadamard Matrices in Coding Theory” in the International Journal of Management, IT & Engineering, Vol. 9, Issue 2 (1), (2019), pp 108–111, ISSN: 2249 – 0558.
 2. “Symmetry Groups of Some Hadamard Matrices” in “Bulletin of Pure and Applied Sciences” Section E – Maths & Stat., Vol. 38E, No.1 (2019), pISSN: 0970– 6577, eISSN : 2320–3226.
29. Dr.D.V.Satish, Dept. of Physics, published Research Articles entitled:
1. Structural and luminescent properties of samarium oxide (Sm₂O₃) doped lead fluoro tungsten tellurite glasses AIP Conference Proceedings 1992, 040019 (2018)
 2. Effect of zinc stannate nanofiller on PVA-CH₃COONa polymer electrolyte for humidity sensor application AIP Conference Proceedings 1992, 040022 (2018)
30. Sri B Balaji Bhanu, Dept. of Electronics, published a Research Article entitled “Water Level Monitoring System using a Smart Phone” in the International Journal of Research In Electronics And Computer Engineering, Vol.7, ISSUE 1, ISSN (Online): 2348-2281, ISSN (Print): 2393-9028, (January- March 2019), Pg 1404 – 1407.

Papers presented in Seminars / Workshops:

1. Dr.R.Ravindra Bhas, Dept. of Telugu, presented Papers (Oral Presentation) on
 1. “Purushadikyathapai Galamettina Sthree Vaaadam” at an International Conference on “Dynamics of Feminist Writer: Global Perspectives” sponsored by the UGC, New Delhi, Dakshin Bharateey Rajbhasha Sansthan and organized by the Language Departments, St. Joseph’s College, Vizag, on 14 & 15 July 2018.
 2. “Prakruthini Aaraadhinche Banjaaraalu” at an International Seminar on “Indian Tribal & Folklore” organized by Yelagiri Bharathi Tamil Sangam, International Institute of Tamil Studies and Indian Cultural Centre, Don Bosco College, Yelagiri Hills, Adiyamaan Women’s College, Uthangarai, Vellore Dist., Tamil Nadu, on 15th September 2018.
 3. “Samaajaaniki Shock Treatment Digambara Kavivam” at an UGC-sponsored International Conference on “Sahithyam-Samskarana Drukpadham” organized by the Department of Language & Culture, Govt. of A.P. and Dept. of Oriental Languages, Sir CR Reddy College, Eluru, on 14th & 15th December 2018.
2. Dr.K.Sekhar, Dept. of Telugu, presented Papers (oral presentation) - on

1. “Ranganaaya Kamma Kathalu-Strivaada Drukpadam” at the International Conference on “Dynamics of Feminist Writer: Global Perspectives” sponsored by UGC, New Delhi, Dakshin Bharateey Rajbhasha Sansthan and organized by the Language Departments, St.Joseph’s College, Vizag, on 14 & 15 July, 2018.
2. “Kuravalu-Janapadha Vaidhyam” at the International Seminar on “Indian Tribal & Folklore” organized by Yelagiri Bharathi Tamil Sangam, International Institute of Tamil Studies and Indian Cultural Center, Don Bosco College, Yelagiri Hills, Adiyamaan Women’s College, Uthangarai, Vellore Dist., on 15th September 2018.
3. “Kandukuri Viresalingam-Samskarana Drukpadha” at an UGC-sponsored International Conference on “Sahithyam-Samskarana Drukpadham” organized by the Dept. of Language & Culture, Govt. of A.P. and Dept. of Oriental Languages, Sir CR Reddy College, Eluru, on 14th & 15th Dec. 2018.
4. “Varanasi Vari ‘Koyila Valina Komma’ Prakruthi Soundaryam” at an UGC-sponsored National Seminar on “Varanasivari Geyakavitha Vaibhavam” organized by Parthatejam, Telugu Monthly Magazine, and Dept. of Telugu, SRR & CVR Govt. Degree College, Vijayawada, on 5th December, 2018.
3. Dr.D.Krupa Rao, Dept. of Telugu, made an oral presentation on “Varanasi Vaari Saahityam - Samajika Chaithanyam” at an UGC-sponsored National Seminar on “Varanasivari Geyakavitha Vaibhavam” organized by Parthatejam, Telugu Monthly Magazine, and the Dept. of Telugu, SRR & CVR Govt. Degree College, Vijayawada, on 5th December, 2018.
4. Sri D Praveen, Dept. of English, a presented a paper on “Post Modernism in American Literature: A Critical Analysis” at a two day National Seminar on “Language and Literature” held at JMJ College, Tenali, on 22nd & 23rd November 2018.
5. Dr.B.Raju, Dept. of English, presented papers on
 1. on “Comparative Literature and its Significance” at a National Seminar on “Comparative Literature” conducted by PG Department of English, Gonzaga College of Arts & Science for Women, Krishnagiri, Tamilnadu, on 24 August 2018.
 2. “Plight of Early Aborigines: An Effort to Retrieve their lost Cultural Identity & Representation” at the two day National Seminar on “Language and Literature” held at JMJ College for Women, Tenali, on 22nd & 23rd November, 2018.

6. Dr.L.Subha, Dept. of English, presented Papers on
 1. “Are Indian Women Encircled to a Self-less Image or a Self-less Image?” at an UGC-sponsored International Conference on ‘Dynamics of Feminist Writers: Global Perspectives’ jointly organized by the Language Departments, St.Joseph’s College for Women, Vizag and Dakshin Bharateeya Rajbasha Sansthan, on 14th & 15th July, 2018.
 2. “Follies in Shashi Deshpande’s Modern Protagonists” at the National Seminar on New Vistas in English & Indian Languages organized by the Departments of Languages, VRS & YRN College, Chirala, on 28th November 2018.
7. Dr.T Sai Matha, Dept. of English, presented Papers on
 1. “Revelation of Male and Female Writers in Delineating the Characters” at an UGC-sponsored International Conference on ‘Dynamics of Feminist Writers: Global Perspectives’ jointly organized by the Language Departments, St.Joseph’s College for Women, Vizag and Dakshin Bharateeya Rajbasha Sansthan on 14th & 15th July 2018.
 2. “Language in a Flux: Designing Teaching Material focusing on Integrated Skills Approach [ISA] to teach a Prose Lesson—An Empirical Study” at an UGC-Sponsored National Seminar on ‘New Vistas in English & Indian Languages’ organized by the Departments of Languages, VRS & YRN College, Chirala, on 28th November, 2018.
 3. The Curse of Untouchability: Is Life an Individual’s Dream or Reality” at an UGC-sponsored International Conference organized by the Department of Language & Culture, Govt. of A.P. and Dept. of Oriental Languages, Sir CR Reddy College, Eluru, on 14th & 15th December 2018.
8. Mr.M.Arokiasamy, Dept. of Maths, presenteds Research Papers on
 1. “Digital Technologies for Enhancing Effectiveness in Teaching and Learning of Mathematics Education” at an International Conference on Innovative Domains of Mathematics and Digital Technology” held at St. Theresa’s College, Eluru, on 27th and 28th November 2018.
 2. “Digital Technologies in Mathematical Education: Preparing Teachers for the Future” in an UGC Sponsored National Seminar on “Recent Trends in

Mathematical Sciences” organized by the Dept. of Mathematics, ALC, Vijayawada, on 7th and 08th March 2019.

9. Dr.N.V.Ramana Murthy, Dept. of Mathematics, presented Papers on –
 1. “Symmetry Groups of Some Hadamard Matrices” at the ‘International Conference on Computing Sciences’ organized by Loyola Research Institute of Mathematics and Computing Sciences, Chennai, on 16th and 17th November 2018.
 2. “Construction of Hadamard Matrices” at the ‘International Conference on Innovative Domains of Mathematics and Digital Technology” organized by St. Theresa’s College for Women, Eluru, on 27th -28th November 2018.
 3. “Application of Grobner Bases for Solving Algebraic Equations” at the National Conference on Recent Advances in Mathematics & XXVII Congress of APTSMS’ organized by the Dept. of Mathematics, Maris Stella College, Vijayawada, during 8th – 10th December 2018.
 4. “Application of Hadamard Matrices in Coding Theory” at the National Conference on “Essence of Mathematics and Engineering Applications” organized by the Dept. of Mathematics, KL University, Vaddeswaram, on 14th & 15th December 2018.
10. Rev Fr.G.M.Victor Emmanuel, SJ, Dept. of Maths, presented Research Papers on
 1. “Symmetry Groups of some standard Hadamard matrices” at an International Conference on “Computing Sciences” organized by Loyola Research Institute of Mathematics and Computing Sciences, Loyola College, Chennai, on 16th and 17th November 2018.
 2. “A note on Applications of Affine Geometry in Numerical Approximations” at an UGC sponsored National seminar on “Recent Trends in Mathematical Sciences” organized by Dept of Mathematics, ALC on 7th and 8th March 2019.
11. Sri P. Chenchu Babu, Dept. of Maths, presented Research Papers on
 1. Algebra & Boolean Algebra in the “International conference on innovative domains of mathematics and digital technology” held at St.Theresa’s College, Eluru, on 27th & 28th Nov. 2018.
 2. “A note on rings of formal power series” at an UGC sponsored National seminar on “Recent Trends in Mathematical Sciences” organized by Dept of Mathematics, ALC on 7th and 8th March 2019.

3. "Uses of Mathematics in Economics" in an UGC-sponsored National Seminar on "Optical Characterization Techniques (NSOCT19)" organized by Dept of Physics, ALC, on 28th March 2019.
12. Mr.P.Venu Gopala Rao, Dept. of Maths, presented papers on
 1. "Symmetry Groups of some standard Hadamard matrices" at an International Conference on "Computing Sciences" organized by Loyola Research Institute of Mathematics & Computing Sciences, Loyola College, Chennai, on 16.11.2018 and 17.11.2018.
 2. "A Note on Essential Ideals in N-groups" at a National Conference on "Recent Advances in Mathematics" & XXVII Congress of APTSMS organized by the Dept. of Maths, Maris Stella College, Vijayawada, on 8th & 9th Dec. 2018.
 3. "Application of Hadamard matrices in Coding theory" at a National Conference on "Essence of Mathematics and Engineering Applications" organized by the Department of Mathematics, K.L. University, Vaddeswaram, on 14.12.2018.
 13. Mr.M.Maria Das, Dept. of Maths, presented papers on
 1. "Symmetry Groups of some standard Hadamard matrices" at an International Conference on "Computing Sciences" organized by Loyola Research Institute of Mathematics and Computing Sciences, Loyola College, Chennai, on 16.11.2018 and 17.11.2018.
 2. "Application of Grobner Bases for solving algebraic equations" at a National Conference on "Recent Advances in Mathematics" & XXVII Congress of APTSMS organized by the Dept. of Maths, Maris Stella College, Vijayawada, on 08.12.2018 and 09.12.2018.
 3. "Application of Hadamard matrices in Coding theory" at a National Conference on "Essence of Mathematics and Engineering Applications" organized by the Dept. of Mathematics, K.L. University on 14.12.2018.
 4. "Introduction to Hadamard Matrices" at an UGC Sponsored National Seminar on "Recent Trends on Mathematical Sciences and its Applications" organized by the Department of Mathematics, Acharya Nagarjuna University, on 24th and 25th January 2019
 5. "A Note on Applications of Affine Geometry in Computer Science" at a Two-Day UGC Sponsored National Seminar on "Recent Trends in Mathematical Sciences

” organized by the Department of Mathematics, Andhra Loyola College, Vijayawada, on 07.03.2019 and 08.03.2019.

14. Mr.A Shou Reddy, Dept. of Maths, presented a paper on Algebra & Boolean Algebra in the mathematics and it’s applications at the International Conference on Innovative Domains of Mathematics and Digital Technology” held at St.Theresa’s College, Eluru, on 27th & 28th Nov. 2018.
16. Ms.K.Anuradha, Dept. of Maths, presented two papers on” Le Ternary Semigroups–I & Le Ternary Semigroups – II” at the 2nd International Conference on “Emerging Trends in Engineering, Science & Management” organised by RGM College of Engineering & Technology, Nandyal, on 21st & 22nd December 2018.
17. Ms.D.Tabitha, Dept. of Maths, presented a paper on ‘A Study On Class Of Enumerable Languages’ in the National Conference on “Recent Advances in Mathematics & XXVII Congress of APTSMS” organized by the Department of Mathematics, Maris Stella College, during 8th – 10th December 2018.
18. Ms.J. Haripriya, Dept. of Maths, presented papers on
 1. Combinatorial Problems in Semi Group Theory by Using Graphical Representation at a National Conference on Recent Advances in Mathematical Sciences organized by Maris Stella College & XXVII Congress of APTSMS, Vijayawada, from 8th to 10th December 2018.
 2. A Comparative Analysis On Restricted Size Of Ramsey Number at an International Conference On Innovative Domains Of Mathematics And Digital Technology held at St.Theresa’s College, Eluru, on 27th and 28th November 2018.
19. Dr.K.Rayapa Reddy, Dept. of Chemistry, presented papers on
 1. “Greening sample preparation in inorganic analysis” at a national workshop on Greening an undergraduate chemistry lab, organized by Sri Venkateswara College, New Delhi, on 08 and 09th August, 2018.
 2. “Nano adsorbents” at a UGC sponsored Two-day National symposium on Emerging trends in Organic Chemistry, organized by KBN College, Vijayawada, on 28th and 29th September, 2018.
 3. “Green fabrication, Spectral, Thermal, Optical and Anti bacterial studies of ZnO nano particles” at 2nd international conference on Nano Science and

Engineerincations-2018 organized by JNTU, Hyderabad, from 4th to 6th October, 2018.

4. “Equilibrium and kinetics of the adsorption of Acid blue 9 from aqueous solution by Nano structured Aluminum Silicate coated Fuller’s Earth” at a one day international seminar on Nanotechnology for the future energy challenges organized by PBS College, Vijayawada, on 18th December, 2018.
 5. Synthesis of ZNO Nanoparticles and their Characterization’ at an UGC-Sponsored National Seminar on ““Emerging Materials for Green Environment” organized by the Dept. of Chemistry, ALC, on 5th and 6th March 2019.
 6. Magnesium – an Essential Element for Plant Growth at an UGC-Sponsored National Seminar on “**Global Environmental Concerns-Role of Plants**” organized by the Dept. of Botany, ALC, on 7th and 8th March 2019.
 7. “Machine Learning in Quantum Computing” at an UGC-Sponsored National Seminar on “**Recent Trends in Mathematical Sciences**” organized by the Dept. of Mathematics, ALC, on 7th and 8th March 2019.
20. Dr.D.Bala Karuna Kumar, Dept. of Chemistry, presented (04) Papers (International Conferences) on
1. “Unraveling Bacterial Activity of CuO Nano particles against Staphylococcus aureus and E.coli bacterial species” in the 2nd International Conference on NANO Science and engineering applications organized at JNTUH in collaboration with CAM Quarter University during 4th to 6th October 2018.
 2. “Experimental Study of Rheological Behaviour of Nano-Particles of CuO or Fe₂O₃ in the Binary Mixtrues of NMP and Triethanol Amine” in the 2nd international conference on NANO Science and engineering applications organized at JNTUH in collaboration with CAM Quarter University during 4th to 6th October 2018.
 3. “Nano Technology –A Directive Towards Promising Nano-Medicine” in the 14th International Conference of TSI TELEMEDICON 2018, organized at KL University from 1st to 3rd November 2018.
 4. “Nanostructure Graphitic Mesoporous Carbon as adsorbent for the removal of Acidic dyes from aqueous solution and their Equilibrium, Kinetic and thermodynamic studies” in an UGC-sponsored International Seminar on Nano

Technology for the Future Energy Challenges [NETFEC] held at PB Siddhartha College of Arts and Science, Vijayawada, on 18th December 2018.

Dr.D.Bala Karuna Kumar, Dept. of Chemistry, presented (03) Papers (National Conferences) on -

1. “A Brief Outlook of Green Chemistry in UG Chemistry Lab and in Research Horizon” in the DBT Sponsored National Seminar on Greening an Under Graduate Chemistry lab GUCL-2018 held at SV College, University of Delhi, on 8th and 9th August 2018.
2. “Need to Developing Greener Solvents for Industry Leading to Sustainability” in the MHRD-DBT Sponsored National Seminar on Greening an Under Graduate Chemistry lab GUCL-2018 held at SV College, University of Delhi, on 8th and 9th August 2018.
3. “Nanostructure Graphitic Mesoporous Carbon as adsorbent for the removal of Acidic dyes from aqueous solution and their Equilibrium, Kinetic and thermodynamic studies” in an UGC-sponsored National Seminar on Advanced Materials and Characterization (AMC-2018) held at PB Siddhartha College of Arts and Science, Vijayawada, on 26th October 2018

21. Dr Ch. Bhargavi, Dept. of Chemistry, presented papers on

1. “Green methods in Organic compound Analysis at the Faculty Development Program cum National workshop on Greening an undergraduate chemistry lab (GUCL 2018), held at S.V. College, University of Delhi, on 8th and 9th August 2018.
2. “Nano Adsorbents” at a National Symposium on Emerging Trends In Organic Chemistry held at KBN College, Vijayawada, on 28th & 29th September 2018.

22. Dr.Y.Subba Reddy, Dept. of Chemistry, **presented two papers** on (1) “Equilibrium and Kinetics of the Adsorption of Acid Blue 9 from Aqueous Solutions by Nano structured Aluminum Silicate coated Fuller’s Earth” and (2) “Nanostructure Graphitic Mesoporous Carbon as adsorbent for the removal of Acidic dyes from aqueous solution and their Equilibrium, Kinetic and thermodynamic studies” at an UGC sponsored International Seminar on “Nanotechnology for the future energy” organized by P.B. Siddhartha College of Arts and Science, Vijayawada, on 18-12-2018.

23. Dr.T.Rose Mary, Dept. of Botany, presented papers on

1. Environmental Laws in India and Challenges in the National seminar on “Governance and Government in Residual Andhra Pradesh State: Issues & Challenges 2018”, conducted by the Department of Political Science, ALC, Vijayawada, on 10th & 11th December 2018.
 2. on Nano Technology in the International Seminar on “Nano Technology for the Future Energy Challenges” held at P.B.Siddhartha College of Arts & Science, Vijayawada, on 18th December 2018.
24. Dr.B.Siva Kumari, Dept. of Botany, presented papers (International Seminars/Conferences) on -
1. “Tribal Health - Traditional Medical System s- Therapeutic Uses and Chemical constituents of Azadirachata Indica” in the International Seminar on Indian Tribal and Folklore, organized by Yelagiri Bharathi Tamil Sangam, International Institute of Tamil Studies and Indian Cultural Center, Don Bosco College, Yelagiri Hills, on 15th September, 2018.
 2. “Unravelling Bacteriocidal Activity of CuO Nanoparticles against Staphylococcus aureus and E. coli bacterial species” in an International Conference on Nano Science and Engineering Applications organized by the CNST, JNTU-Hyderabad in Collaboration with Center for Advanced Material, Qatar University, Qatar, from 4th to 6th October 2018.
 3. “Nanotechnology – A Directive towards Promising Nano-Medicine” in the 14th International Conference on Telemedicon-2018 - “Doctors at your Door Step”, organized by the Telemedicine Society of India in Collaboration with Andhra Pradesh Health Department and KL University from 1st to 3rd November 2018.
 4. “Beneficial role of zinc oxide nanoparticles in Crop production” in an UGC Sponsored International Seminar on Nanotechnology for the Future Energy Challenges organized by the A.P. Academy of Sciences and Departments of Chemistry and Physics, P.B. Siddhartha College of Arts and Sciences, Vijayawada, on 18th December 2018.
 5. “Removal of cadmium and nickel from aqueous solutions using waste materials” in an UGC Sponsored International Seminar on Nanotechnology for the Future Energy Challenges organized by the A.P. Academy of Sciences and Departments

of Chemistry and Physics, P.B. Siddhartha College of Arts and Sciences, Vijayawada on 18th December 2018.

6. “Facile synthesis of CdS-ZnO photocatalyst for improved degradation of Methylene Blue under the influence of different pH” in a three day International Conference on Advances in Chemical Biology and Biologics” organized by CSIR, Indian Institute of Chemical Technology, Hyderabad, from 28th February to 2nd March 2019.
7. “Therapeutic Uses of Ocimum Sanctum Linn (Tulsi) with a Note on Eugenol and Its Pharmacological Actions” **at an International Conference** on “Recent Advances in Chemical Sciences” organized by the Department of Chemistry, K.L University, Vaddeswaram, on 8th and 9th March, 2019.
8. “Hazardous Waste Management” in an International Conference on Science, Technology and Management organized by the Dept. of Computer Science, SDMS Siddhartha Mahila Kalasala, Vijayawada, in collaboration with IJIEMR & J-ASC, on 30th March, 2019.

Dr.B.Siva Kumari, Dept. of Botany, presented papers (National Seminars/Conferences) on -

3. “Impact of Environmental factors as quality parameters in Medicinal plants” in the National Conference on “Recent Advances in Biotechnology- An Awareness on Conservation of Medicinal plants for Healthcare” organized by the Dept. Of Biotechnology, Vignan University, Vadlamudi, on 16th and 17th Aug. 2018.
4. “ALC Medicinal Plants Data Base: A platform for exploring Traditional Knowledge and Medicinal Value” at the National Conference on Recent Advances in Biotechnology - An Awareness on Conservation of Medicinal plants for Healthcare” organized by the Dept. Of Biotechnology, Vignan University, Vadlamudi, on 16th and 17th Aug. 2018.
5. “Plant Diseases - Role of Nanoparticles As Pesticides” in an UGC Sponsored National Symposium on “Emerging Trends in Organic Chemistry” organized by the PG Dept. of Chemistry, KBN College, Vijayawada, on 28th & 29th Sept. 2018.
6. “Microwave-Assisted synthesis and Anti-inflammatory Activity- Evaluation of Aminophosphonates” in an UGC Sponsored National Symposium on “Emerging

Trends in Organic Chemistry” organized by the PG Dept. of Chemistry, KBN College, Vijayawada, on 28th and 29th Sept. 2018.

7. “In-Situ and Ex-Situ Conservation of Medicinal and Aromatic Plants” in the three day Andhra Pradesh Science Congress on the focal theme “Integrating Science and Society for Global Sustainability” held at Yogi Vemana University, Kadapa, from 9th to 11th November 2018.
8. “Altered Zinc levels and Zinc transports expression in Azoxymethane induced colonic precancerous and cancerous lesions in Fisher rats” in the three day Andhra Pradesh Science Congress on the focal theme “Integrating Science and Society for Global Sustainability” held from 9th to 11th Nov. 2018 at Yogi Vemana University, Kadapa.
9. “Exigency of Traditional Knowledge for better Health Conservation of TK at Andhra Loyola College - Study Report” in an UGC-sponsored National Seminar on “Governance and Government in the Andhra: Issues & Challenges” organized by the Dept. of Politics, ALC, Vijayawada on 10th & 11th December 2018.
10. “Functional and Nutritional Quality of Millets-Related to Health” in an UGC Sponsored National Seminar on “Governance and Government in the Andhra: Issues & Challenges” organized by the Dept. of Politics, ALC, Vijayawada on 10th & 11th December 2018.
11. “Impact of Urbanization on Food and Farming Industry” in an UGC Sponsored National Seminar on “Governance and Government in the Andhra: Issues & Challenges” organized by the Dept. of Politics, ALC, Vijayawada, on 10th and 11th December 2018.
12. “Millets - Future Food for New Era Cultivation and Consumption in India” in a two-day UGC Sponsored National Seminar on “Governance and Government in the Andhra: Issues & Challenges” organized by the Dept. of Politics, Andhra Loyola College, Vijayawada on 10th and 11th December, 2018.
13. “Environmentally Responsible Computer Waste Recycling to enforce Green Energy” in a two day UGC-Sponsored National Seminar on Study on Interaction of Human Society, Natural Environment and Natural Resource Management organized by the Departments of Physics, Chemistry and Biosciences, Ideal College, Kakinada, on 24th and 25th January 2019.

14. "Green energy for Sustainable development of Agriculture" in an UGC-Sponsored National Seminar on Study on Interaction of Human Society, Natural Environment and Natural Resource Management organized by the Departments of Physics, Chemistry & Biosciences, Ideal College, Kakinada, on 24th & 25th Jan. 2019.
15. "Global Warming- Health and Environment" in an UGC Sponsored National Seminar on Study on Interaction of Human Society, Natural Environment and Natural Resource Management organized by the Departments of Physics, Chemistry and Biosciences, Ideal College, Kakinada, on 24th and 25th Jan. 2019.
16. "Women Empowerment through Skill Development" in an UGC Sponsored National Seminar on "Empowerment of Women - Recent Trends and Challenges" organized by the Women Development Cell in collaboration with Women's Commission, Sir CR Reddy College, Eluru, on 8th Feb. 2019.
17. "Role Of Biopesticides In Pest Management" in the 5th National Asian PGPR for Sustainable and Organic Agriculture, Ecofriendly Bio-Innovations for Integrated Crop Management Soil Health and Management organized by the Departments of Botany and Microbiology, Acharya Nagarjuna University, Guntur, from 23rd to 26th February 2019.
18. "Pesticides accumulation –Threat to water bodies" in an UGC sponsored National Seminar on Conservation of Biodiversity, Issues and Challenges organized by the Departments of Botany, Zoology and Fisheries at Sir CR Reddy College, Eluru, on 26th February 2019.
19. "Impact of Climate on Plant Diseases" in an UGC-sponsored National Seminar on Conservation of Biodiversity, Issues and Challenges organized by the Departments of Botany, Zoology and Fisheries at Sir CR Reddy College, Eluru, on 26th February 2019.
20. "Bioremediation - Sustainable Green Technology" in an UGC-sponsored National Seminar on Emerging Materials for Green Environment organized by the Department of Chemistry, Andhra Loyola College, Vijayawada, on 5th and 6th March, 2019.
21. "Bioremediation - Engineering pollutant-removing bacteria in the times of systemic biology" in an UGC-sponsored National Seminar on Emerging Materials

for Green Environment organized by the Department of Chemistry, Andhra Loyola College, Vijayawada, on 5th and 6th March, 2019.

22. “Tribal Communities- Role of Indigenous Folk Medicinal Plants” in a Two Day ICSSR, SSR, Govt. of India-sponsored National Seminar on Modern Methods and Effectiveness of Tribal Programmes - Suggest Necessary Measures in the Light of Findings” organized by the Department of Commerce and Management, KBN College, Vijayawada, in Collaboration with Krishna University on 18th & 19th March, 2019.
23. “Innovative Educational Strategies-Between Substitution and Transformation” in a two Day IQAC and Academic Staff College-sponsored National Conference on Innovative Mechanisms and Standards for Assuring Quality in Higher Education Institutions organized by the IQAC at K.L University, Vaddeswaram, on 22nd & 23rd March 2019.
25. Dr. Samuel Dayakar and Dr. P.Ramesh Babu, Dept. of Political Science, presented a paper on “Politics Vs Development in Andhra Pradesh: Role of Media” at an International Conference on Mass Communication, Journalism and Social Sciences held at Mysuru, Karnataka, on 2nd and 3rd November 2018.
26. Dr.M.Srinivasa Reddy, Dept. of History, presented Papers on
 1. Social Reform Movements in Andhra during 19th and 20th Century, at an UGC sponsored National Seminar on Social Reforms in India organized by MM Kalasala, Vijayawada, on 22nd Jan. 2019.
 2. Contributions made by Parsi Community to the Nation Building at a two-Day National Seminar on “Contributions of Minorities to Nation Building” organised by the Department of Arts in collaboration with Indian Social Institutes, Bengaluru and New Delhi, on 3rd and 4th January 2019.
26. Mr.P.Bhavani Shankar, Dept. of MCA, presented papers on
 1. “Heart Disease Detection by enhancing the Training phase of Neural Networks using ACO Algorithm (Ant Colony Optimization)”, at an International Conference on Innovative Domains of Mathematics and Digital Technology held St.Theresa College, Eluru, on 27th & 28th November 2018
 2. “Enhancing approach to objective Cyber Security through Digital Literacy (A step into Digital Secure Nation - India)” at National Seminar on Cyber Security 2018

organized by KBN College (Autonomous), Vijayawada, on 28th & 29th November 2018.

27. Dr. Chinnappa Ch, Dept. of Botany, presented two papers on (1) "Diversity and Paleo-ecological implications of Araucariaceae during the Cretaceous of India" and (2) "Bio Accessibility of Carotenoids" in a National seminar on "Phytoresources Conservation Photodiversity Of Eastern Ghats Of India" organized by Maris Stella College, Vijayawada, on 17th August 2018.
28. Mr.T.Jaison Jose, P.G Dept. of Chemistry, presented paper on "Equilibrium and Kinetics of the Adsorption of Acid Blue 9 from Aqueous Solutions by Nano structured Aluminum Silicate coated Fuller's Earth" at an UGC-sponsored International Seminar on "Nanotechnology for the future energy" organized by P.B. Siddhartha College of Arts and Science, Vijayawada, on 18-12-2018.
29. Dr.B.Kannamba, PG Dept. of Chemistry, presented papers on
 1. Green synthesis of fluorescent carbon dots from *Courapita genesis* fruit juice, at the APSC Sponsored International seminar on "Nanotechnology for the future energy" organized by P.B. Siddhartha College, Vijayawada, on 18-12-2018.
 2. Green synthesis of fluorescent carbon dots from *Punica granatum* fruit juice, at an UGC-Sponsored National Symposium on "Emerging Trends in Organic chemistry" (NSETOC-2018) organized by KBN College, Vijayawada in collaboration with Krishna University, on 28th & 29th September 2018.
 3. Effect of extraction solvent and method on phytochemical composition, total phenolics and flavonoids content of *Tecomastans* leaves extract, at a National Seminar on "Conservation and sustainable utility of Phyto-Resources organized by the Dept. of Botany, Maris Stella College, Vijayawada, on 17th August, 2018.
 4. "effect of extraction method and solvent on total phenolics, flavonoids and antioxidant capacity of *Abutilon indicum* leaves extracts" at a Two-day national seminar on "Emerging materials for green Environment" organized by the Department of Chemistry, Andhra Loyola College, Vijayawada, on 5th and 6th March, 2019.
 5. "isolation of cellulose from waste materials" at a Two-day national seminar on "Emerging biotechnological techniques in environmental sustainal sustainability"

organized by the Department of Biotechnology, Andhra Loyola College, Vijayawada, on 6th and 7th March, 2019.

30. Ms.AVKSN Pratyusha, PG Dept. of Chemistry, presented papers on
 1. Green synthesis of fluorescent carbon dots from Courapita genesis fruit juice, at APSC-Sponsored international seminar on “Nanotechnology for the future energy” organized by P.B. Siddhartha College, Vijayawada, on 18th Dec. 2018.
 2. Green synthesis of fluorescent carbon dots from Punica granatum fruit juice, at an UGC-Sponsored National Symposium on “Emerging Trends in Organic chemistry” organized by KBN College, Vijayawada in collaboration with Krishna University, on 28th & 29th September 2018.
 3. Effect of extraction solvent and method on phytochemical composition, total phenolics and flavonoids content of Tecomastans leaves extract, at the national seminar on “Conservation and sustainable utility of Phyto-Resources organized by the Dept. of Botany, Maris Stella College, Vijayawada, on 17th August 2018.
31. Ms.V.Kavitha, Dept. of Biotechnology, presented papers on
 1. “Removal of cadmium and nickel from aqueous solutions using waste materials” in the International seminar on “Nanotechnology for future energy challenges” held at PB Siddhartha College of Arts and Science, Vijayawada, on 18th Dec. 2018.
 2. “Functional and nutritional quality of millets – related to health” in the National Seminar on Governance and Government in the Residual AP state: Issues and Challenges held at Andhra Loyola College, Vijayawada, on 10-11th December 2018.
32. Dr.M.C.Rao, Dept. of Physics, presented Papers in National/ International Conferences
 1. Influence of Al₂O₃ Nanofiller on Structural, Morphological and Ionic Conductivity Studies of PVP Based NCP Films
National Seminar on Advanced Materials and Characterization (AMC-2018), P. B. Siddhartha College of Arts & Science, Vijayawada, 26th October, 2018.
 2. Preparation of PEO-PVP-LiCl Blend PEM Fuel Cells
National Seminar on Advanced Materials and Characterization (AMC-2018), P. B. Siddhartha College of Arts & Science, Vijayawada, 26th October, 2018.
 3. Structural and Morphological Studies of CdTe Thin Films Deposited by CVD
National Seminar on Advanced Materials and Characterization (AMC-2018), P.B. Siddhartha College of Arts & Science, Vijayawada, 26th October, 2018.

4. Effect of Al₂O₃ on Structural Studies of PVP-CH₃COONa Based Solid Polymer Electrolytes
National Seminar on Advanced Materials and Characterization (AMC-2018), P.B. Siddhartha College of Arts & Science, Vijayawada, 26th October, 2018.
5. Effect of ZrO₂ on PEO-LiClO₄ Based Polymer Electrolyte Films
National Seminar on Advanced Materials and Characterization (AMC-2018), P.B. Siddhartha College of Arts & Science, Vijayawada, 26th October, 2018.
6. Influence of Al₂O₃ on Optical and Dielectric Studies of PVP Based NCP Films
National Conference on Novel Materials for Device Applications (NCNMDA-2018), S.V. University, Titupati, 4th & 5th November, 2018.
7. Effect of Al₂O₃ on Ionic-Conductivity and Discharge Studies of PVP-CH₃COONa Based Solid Polymer Electrolytes
National Conference on Novel Materials for Device Applications (NCNMDA-2018), S.V. University, Titupati, 4th & 5th November, 2018.
8. Swachh Bharat Mission - Clean and Green Environment
National Seminar on Governance and Government in the Residual Andhra Pradesh State: Issues and Challenges, Andhra Loyola College, Vijayawada, 10th & 11th December, 2018.
9. Need of change on Corruption and Human Rights
National Seminar on Governance and Government in the Residual Andhra Pradesh State: Issues and Challenges, Andhra Loyola College, Vijayawada, 10th & 11th December, 2018.
10. Progress and Reviews on Information Technology
National Seminar on Governance and Government in the Residual Andhra Pradesh State: Issues and Challenges, Andhra Loyola College, Vijayawada, 10th & 11th December, 2018.
11. Research on Social Science and Culture
National Seminar on Governance and Government in the Residual Andhra Pradesh State: Issues and Challenges, Andhra Loyola College, Vijayawada, 10th & 11th December, 2018.
12. Cyclic Voltammetry and Transport Properties of Al₂O₃ Doped PVP- CH₃COOK Based Nanocomposite Polymer Films
International seminar on Nanotechnology for the Future Energy Challenges (NFTFEC), P.B.Siddhartha College of Arts & Science, Vijayawada, 18th December, 2018.
13. Ionic Conductivity and Discharge Characteristics of Al₂O₃ Doped PVP-CH₃COONa Based Polymer Electrolytes
International seminar on Nanotechnology for the Future Energy Challenges

- (NFTFEC), P.B.Siddhartha College of Arts & Science, Vijayawada, 18th December, 2018.
14. Transformation of Nanochemistry for Photovoltaic Devices
International seminar on Nanotechnology for the Future Energy Challenges (NFTFEC), P.B.Siddhartha College of Arts & Science, Vijayawada, 18th December, 2018.
 15. Development of Germanium Photo-detectors in Silicon Photonics
International seminar on Nanotechnology for the Future Energy Challenges (NFTFEC), P.B.Siddhartha College of Arts & Science, Vijayawada, 18th December, 2018.
 16. Development of Nanoscience in Computational Nanotechnology
International seminar on Nanotechnology for the Future Energy Challenges (NFTFEC), P.B.Siddhartha College of Arts & Science, Vijayawada, 18th December, 2018.
 17. Electrochemical Properties of ZrO₂ Doped PVP Based Polymer Films
International seminar on Nanotechnology for the Future Energy Challenges (NFTFEC), P. B. Siddhartha College of Arts & Science, Vijayawada, 18th December, 2018.
 18. Role of Transport Properties and their Mechanism in Nanocomposite Polymer Electrolytes
Recent Developments and Applications of Physico-Chemical Characterization Techniques, J.K.C. College, Guntur, 4th January, 2019.
 19. Spectroscopic and Ionic Conductivity Studies of Al₂O₃ Doped PVP-CH₃COONa Based NCP Films
Recent Developments and Applications of Physico-Chemical Characterization Techniques, J.K.C. College, Guntur, 4th January, 2019.
 20. Photoelectron Spectroscopic Studies for Surface Identification of Li⁺ Battery Materials
Recent Developments and Applications of Physico-Chemical Characterization Techniques, J.K.C. College, Guntur, 4th January, 2019.
 21. Nanoprocessing Techniques and their Applications
Recent Developments and Applications of Physico-Chemical Characterization Techniques, J.K.C. College, Guntur, 4th January, 2019.
 22. Structural Characterization of Cr³⁺ Doped CdTe Nanoparticles
Recent Developments and Applications of Physico-Chemical Characterization Techniques, J.K.C. College, Guntur, 4th January, 2019.
 33. Dr.Y.Hanumantha Rao, Dept. of Chemistry, presented **four papers**: (01) Dye Removed from Water by Bio-Adsorbents; (02) Pollutive Ions Using Different Biomasses in Oxidation Ponds; (03) Importance and Chemical Composition of

Caralluma umbellata haw and (04) Zinc From Polluted Waters Using BIO-Sorbents derived from BIO Materials at an UGC Sponsored National Seminar on Emerging Trends in Organic Chemistry conducted by PG Dept. of Chemistry, KBN College Vijayawada, on 28-29th September 2018.

Dr.Y.Hanumantha Rao, Dept. of Chemistry, presented **two papers** on (01) Characterization and adsorption studies of lagenaria siceraria shell carbon for the removal of fluoride and (02) “Roles of Physical and Chemical Properties of activated carbon in the adsorption of lead ions” in the one Day National Seminar on Advanced Materials and Characterization conducted by Dept. of Physics, P.B.Siddhartha College of Arts and Science, Vijayawada, on 26th October 2018

Dr.Y.Hanumantha Rao, Dept. of Chemistry, presented **a paper** on “Experimental Study of Rheological Behavior of Nano Particles of CuO or Fe₂O₃ in the Binary Mixtures of NMP and TEG or TEA” at an International Conference on Nano Science & Engineering Applications organized by JNTU, Hyderabad, from 4th to 6th Oct. 2018.

Dr.Y.Hanumantha Rao, Dept. of Chemistry, **presented two papers** on “Water Quality Assessment by Vijayawada Thermal Power Station Area” and “New Methodologies in Phosphate pollution Control-Using Bio Sorbents derived from Plants” at an International Conference on Science, Computers, Technology and Engineering organized by SVRM College, Nagaram, during 26-27th October 2018.

Dr.Y.Hanumantha Rao, Dept. of Chemistry, presented **a paper** on “X-Ray photoelectron Spectroscopy studies on Activated Carbon prepared from kind of Citrus nobilis” in an UGC Sponsored International Seminar on “Recent Developments and Applications of Physico-Chemical Characterization Techniques” on 4th January 2019 at J.K.C College, Guntur.

Dr.Y.Hanumantha Rao, Dept.of Chemistry, presented **thirteen Papers** in an UGC and APPCB-sponsored National Seminar on “Emerging Materials for Green Environment” organized by the Dept. of Chemistry, Andhra Loyola College, Vijayawada, on 5th and 6th March 2019. The Papers presented are: (01) Role of bio-sensors and their applications; (02) Emerging Green Technologies for the manufacturing sector; (03) Effect of extraction method and solvent on total phenolics, flavonoids content and antioxidant capacity of Abutilon indicumleaves extracts; (04) The Effect of solvent and method on total Phenolics, flavonoids, and antioxidants capacity of Pongamia pinnata

Leaves extracts; (05) Kinetic studies of addition reactions of Cholesterol by Chloramine-T; (06) Kinetics and Mechanisms of halogenation of o-toluidine using N-chloro-p-toulene sulphonamide (CAT) under buffer conditions in ethanol – water mixtures; (07) Analysis of Phytochemicals of selected medical plant species by using various organic solvents; (08) Piezoelectric materials for green methods – A brief outlook; (09) Removal of acidic Dyes from aqueous solution by using Nanostructure Graphitic Mesoporous Carbon; (10) Recycling of Concrete materials for effective utilization; (11) Screening of *Aegialitis rotundifolia* – a mangrove plant leaves for their Antioxidant Potential, determination of total Polyphenol and Flavonoid Content; (12) Bio Electricity generation from waste streams using microbial fuel cell based technologies; and (13) A Novel Qualitative Green Method for the Detection of Nitrogen Containing Pesticides in Various Fruits and Vegetables.

Dr.Y.Hanumantha Rao, Dept. of Chemistry, **presented two papers** on “Contamination of water and its ecological problems” and “Role of biosensors and their applications” in an UGC Sponsored National Seminar on “Emerging Biotechnological Techniques in Environmental Sustainability” organized by the Dept. of Environmental Science and Biotechnology, ALC, Vijayawada, on 6th & 7th March 2019.

Dr.Y.Hanumantha Rao, Dept. of Chemistry, **presented two papers** on “Biodiversity Environmental Issues” and “BioFuel and Bioenergy” in an UGC-sponsored National Seminar on “Global Environmental Concerns: Role of Plants” organized by the Dept. of Botony, ALC, Vijayawada, on 7th and 8th March 2019.

Dr.Y.Hanumantha Rao, Dept. of Chemistry, **presented a paper** on Motion of Elastically Mounted Bodies in Two Dimensions” in an UGC-Sponsored National Seminar on “Recent Trends in Mathematical Sciences” organized by the Dept. of Maths, ALC, Vijayawada, on 7th and 8th March 2019.

34. Dr. G. Srinivasa Rao, Dept. of Physics, presented a paper on “Experimental Study of Rheological Behaviour of Nano-Particles of CuO and Fe₂O₃ in the Binary Mixtures of NMP and TEG/TEA” in the International Conference on Nano Science & Engineering Applications held at JNTU, Hyderabad, from 4th to 6th October 2018.
35. Dr.G. Sahaya Baskaran, Department of Physics, **presented Research Papers on**

1. Structural, DC Conductivity & Dielectric investigations on NiO at the National Seminar on Recent advances in Materials Science held on 14th February 2019 at JKC College, Guntur.
2. 'Emerging Materials for green Environment' at an UGC-sponsored National Seminar on 'Emerging Materials for Green Environment' organised by the Department of Chemistry, ALC, on 5th and 6th March 2019.
3. **presented four papers** at the National Seminar on 'Optical Characterization Techniques' organised by the Department of Physics, ALC, on 28th March 2019. Titles are: Investigations on the role of zirconium dioxide on the B₂O₃- SiO₂- P₂O₅-Na₂O-CaO glass system; Influence of Al³⁺ ions on the emission spectra of PbO-B₂O₃-SiO₂-Al₂O₃ :Sm₂O₃ glass system; Role of some modifier oxides on the spectroscopic features of Nd³⁺ and Sm³⁺ ions in Sb₂O₃-B₂O₃ glass system; Role of sesquioxides on emission features of Yb³⁺ ions in PbO-PbF₂-B₂O₃ glass system.

36. **Dr.D.V.Satish, Dept. of Physics, Presented Research Papers on**

1. "Spectroscopic studies of Fe³⁺ doped calcium cadmium phosphate hydrate nanophosphor" in UGC Sponsored national seminar on "Emerging Materials for Green Environment" Organized by Dept. of Chemistry, Andhra Loyola College, Vijayawada, on 5th & 6th March 2019.
2. "Recycling of Concrete materials for effective utilization" in UGC Sponsored national seminar on "Emerging Materials for Green Environment" Organized by Dept. of Chemistry, Andhra Loyola College, Vijayawada, on 5th & 6th March 2019.
3. "Role of Bio-sensors and their Applications" in UGC Sponsored national seminar on "Emerging Materials for Green Environment" Organized by Dept. of Chemistry, Andhra Loyola College, Vijayawada, on 5th & 6th March 2019.
4. "Contamination of Water and its ecological problems" in UGC Sponsored national seminar on "Emerging Biotechnological Techniques in Environmental Sustainability" Organized by Dept. of Biotechnology, Andhra Loyola College, Vijayawada, on 6th & 7th March, 2019.
5. "Biodiversity-Environmental Issues" in UGC Sponsored national seminar on "Global Environmental Concerns-Role of Plants" Organized by Dept. of Botany, Andhra Loyola College, Vijayawada, on 7th & 8th March, 2019.

6. "Motion of Elasticity Mounted Bodies in two Dimensions" in UGC Sponsored national seminar on "Recent trends in Mathematical Sciences" Organized by Dept.of Maths, Andhra Loyola College, Vijayawada, on 7th & 8th March, 2019.
7. "Some Applications of Mathematics in Theoretical Physics" in UGC Sponsored national seminar on "Recent trends in Mathematical Sciences" Organized by Dept.of Maths, Andhra Loyola College, Vijayawada, on 7th & 8th March, 2019.

Seminars/Workshops/Refresher Courses attended:

1. Rev Fr.Dr.G.A.P.Kishore, SJ, Principal, attended
 1. The Triennial Conference of the International Association of Jesuit Universities held from 8th to 12th July 2018 at Bilbao, Spain, at the invitation of the Secretary for Higher Education, Society of Jesus, Italy. Besides participating in the Seminar, he has visited the local Universities of the country in order to explore the possibility of arriving at academic collaborative tie-up with them.
 2. A one-day NIRF Workshop conducted for the Principals of Affiliated/Government Degree Colleges at SRR & CVR Govt. College, Vijayawada, by the Commissioner of Collegiate Education, Government of Andhra Pradesh, on 18.09.2018.
 3. the two-day JHEASA Annual Conference on the theme “Transforming our World Together” held at Dhyana Ashram, Chennai, on 19th and 20th October 2018.
2. Dr.D.Krupa Rao, Dr.K.Sekhar, **Dept. of Telugu**, Dr.M.Sivaram, **Dept. of Sanskrit**, Mr.N.RangaBabu, Dr.B.Raju, **Dept. of English**, Mr.M.Arokiasamy, Dr.N.V.Ramana Murthy, Mr.P.Chenchu Babu, **Dept. of Mathematics**, Dr. G. Srinivasa Rao, **Dept. of Physics**, Dr.Y.Hanumantha Rao, Dr.D.Bala Karuna Kumar, **Dept. of Chemistry**, Dr.T.Rose Mary, Dr.B.Siva Kumari, **Dept. of Botany**, Ms.M.Glory, Mr. K.Balachandra, **Dept. of Microbiology**, Ms.T.Sandhya, Sree, **Dept. of Zoology**, Dr.B.Johnson, **PG Dept. of Physics**, and Mr.P.Bhavani Shankar, **Dept. of MCA** attended a Three Day Workshop on “National Conclave Cum War Room On Outcome Based Education” conducted by the Internal Quality Assurance Cell, Andhra Loyola College, Vijayawada, in Collaboration with the Commissionerate of Collegiate Education, Govt. of A.P., from 25th to 27th October 2018.
3. Dr K.Sekhar, Dept. of Telugu, participated in the One Day DBT Sponsored Health Awareness Programme on “Embracing Millets For Our Own Benefit” Conducted by the DBT Star College Scheme, in Collaboration with Jeevaamrutham and ALANA, Andhra Loyola College, Vijayawada on 14th November, 2018.
4. Dr.N.Suresh Babu, Dept. of Sanskrit, attended an International Telugu Conference on Samskruthi and Sahityam, conducted by Dept. of Telugu, Sir CR Reddy College, Eluru, on 14th and 15th December 2018.
5. Mr.N.Ranga Babu, Sri D.Praveen Dr.B.Raju, Dr.G.Syamala, Dr.L.Subha, Dr.T.Sai Mamata, Dept. of English, and Dr.T.Rose Mary, Dept. of Botany, attended the UGC-

Sponsored National Workshop on “Research Methodology: Approaches & Techniques” organized by the Dept. of English, PB Siddhartha College of Arts and Science, Vijayawada, on 3rd November. 2018.

6. Dr.B.Raju, Dept. of English, attended a Two Day National Seminar on “Language and Literature” organised by the Dept. of English, JMJ College for Women, Tenali, on 22nd & 23rd November, 2018.
7. Dr.L.Subha and Dr.T. Sai Mamata, Dept. of English, attended a short-term course on “Self-Awareness and Higher Goals in Education” organized by the Departments of Civil Engineering and Mechanical Engineering, Teaching Learning Centre, Indian Institute of Technology, Madras, from 4th to 8th June 2018.
8. Dr.L.Subha, and Dr.T. Sai Mamata, Dept. of English, attended an UGC Sponsored One day National Workshop on “ESL Classrooms: Meeting Curricular and Corporate Goals” organized by the Dept. of English, KBN College, Vijayawada, in collaboration with Krishna University, Machilipatnam, on 21st August 2018.
9. Dr.L.Subha, Dept. of English, attended a Two Day Workshop on “Leadership Opportunities for Professional Women” conducted by IEEE Guntur Subsection in association with ISEE WIE AG, Hyderabad section at Efftronics Systems Pvt Ltd, Vijayawada on 27th & 28th October 2018.
10. Dr.T.Sai Mamata, Dept.of English, attended a Three Day National Workshop on “Retooling Language Teaching to the Students of Professional Courses” organized by the Department of Science & Humanities, KKR & KSR Institute of Technology & Sciences from 1st to 3rd November, 2018.
11. Mr.M.Maria Das, Dept. of Mathematics, and Dr.A.Badari Nath, Dept. of Zoology and Paramedical & Hospital Administration, attended a six-day Workshop “OER, Content Development, MOOCS and Moodle” organized by the Commissionerate of Collegiate Education, Andhra Pradesh, APSCHE, at National Institute of Technology, Warangal, from 30.11.2018 to 05.12.2018.
12. Dr.N.V.Ramana Murthy, Rev Fr.G.M.Victor Emmanuel, SJ, Mr.P.Chenchu Babu Mr.P.Venu Gopala Rao, Mr.M.Maria Das, Ms.K. Anuradha, Ms.D.Tabitha, Mr. K.N. Koteswara Rao Dept. of Mathematics, Dr.Y.Hanumantha Rao, Dr.D.Bala Karuna Kumar, Dept. of Chemistry, attended the Science Academies Lecture Workshop on

“Fluid Mechanics” organized by the Dept. of Mathematics and Statistics, K.B.N.College, Vijayawada, on 04.10.2018 and 05.10.2018.

13. Ms.K.Anuradha, Dept. of Mathematics, attended a national workshop on “Recent Trends in Pure and Applied Mathematical Sciences” organized by the Division of Mathematics, Dept. of Science & Humanities, VFSTR, Vadlamudi, from 24th to 26th August 2018.
14. Ms.K.Anuradha, Mr.K.N.Koteswara Rao, Ms.KVL Naga Mallika, Dept. of Mathematics attended a National Conference on “Recent Advances in Mathematics & XXVII Congress of APTSMS” organised by the Dept. of Mathematics, Maris Stella College, Vijayawada, from 8th – 10th December 2018.
15. Ms. J. Hari Priya, Dept. of Mathematics, attended
 1. a Faculty Development Programme on “Applications of Mathematics in Engineering” organized by the Dept. of Basic Sciences & Humanities, Sri Vasavi Engineering College (Tadepalligudem) from 17th to 19th Dec. 2018.
 2. a Workshop on Leadership Opportunities For Professional Women conducted by IEEE Guntur Subsection in association with ISEE WIE AG, Hyderabad section at Efftronics Systems Pvt Ltd, Vijayawada on 27th & 28th October 2018.
 3. a Workshop on Partial Differential Equations and Analysis organized by PBS College, Vijayawada, on 27th and 28th December 2018.
16. Dr. G. Srinivasa Rao, Dept. of Physics, attended
 1. a NAAC Workshop organized by the Commissionerate of Collegiate Education, Govt. of A.P. at SRR & CVR Govt. College, Vijayawada, on 28th Sept. 2018.
 2. a Workshop on MOOCS organized by the Commissioner of Collegiate Education, Andhra Pradesh, in collaboration with the APSCHE and APSSDC at Acharya Nagarjuna University, Guntur, from 31st August to 2nd September 2018.
 3. a Workshop on “Introduction of Apprenticeship-Based UG Degree in Logistics” Organized by Logistics Sector Skill Council (LSC), established by the Ministry of Skill Development and Entrepreneurship (MSDE) through National Skill Development Corporation of India at Chennai on 10th December 2018.
17. Dr.M.C.Rao, Dept. of Physics, attended
 1. A National Conclave cum War Room on Outcome Based Education, organized by Andhra Loyola College, Vijayawada, during 25th -27th October, 2018.

2. A National Seminar on Advanced Materials and Characterization organized by P.B.Siddhartha College of Arts & Science, Vijayawada, 26th October, 2018.
3. A National Conference on Novel Materials for Device Applications organized by S.V. University, Tirupati, 4th & 5th November, 2018.
4. A National Seminar on Governance and Government in the Residual Andhra Pradesh State: Issues and Challenges, organized by Andhra Loyola College, Vijayawada, 10th & 11th December, 2018.
5. An International seminar on Nanotechnology for the Future Energy Challenges organized by P.B.Siddhartha College, Vijayawada, on 18th December, 2018.
6. A National Seminar on Recent Developments and Applications of Physico-Chemical Characterization Techniques, organized by JKC College, Guntur, on 4th January, 2019.
18. Dr.D.Bala Karuna Kumar, Dept. of Chemistry, attended a three-day Workshop on MOOCS organized by the Commissioner of Collegiate Education, Andhra Pradesh, Vijayawada, in collaboration with the APSCHE and APSSDC at Acharya Nagarjuna University, Guntur, from 31st August to 2nd September 2018.
19. Dr.Y.Hanumantha Rao, Dept. of Chemistry, attended
 - (1) a two day workshop on “Radiochemistry” organized by the Department of Chemistry, P.B.Siddhartha College of Arts and Science, Vijayawada, on 4th and 5th January 2019
 - (2) a two day Science Academies Lecture Workshop on “Application of Quantum Mechanics to Optics” organized by the Department of Physics and Electronics, K.B.N. College, Vijayawada, on 1st and 2nd February 2019.
20. Dr.K.Rayapa Reddy, Dept. of Chemistry, attended a Workshop on “OER, Content Development, Moocs and Moodle” organized by the E&ICT Academy, NIT Warangal, Commissionerate of Collegiate Education and AP State Council of Higher Education, Govt. of. A.P. at E&ICT Academy, NIT Warangal from 30th November to 5th December, 2018.
21. Dr.B.Siva Kumari, Dept. of Botany, attended
 1. the 4th India International Science Festival (IISF) 2018 organized by the Ministry of Science and Technology and Ministry of Earth Sciences in association with Vijnana Bharati at Indira Gandhi Pratishthan, Lucknow during 5-8 October, 2018.

2. an APSCHE and Government of A.P.-sponsored Workshop on “Global Competitiveness- Gnanabheri - Knowledge Summit” on 20th September 2018, at Indira Gandhi Municipal Stadium, Vijayawada.
 3. a two-day Indian Academy of Sciences and National Academy of Sciences sponsored Science Academies Lecture cum Workshop on “Biodiversity Conservation and Human Welfare” organized by the Dept. of Botany, KBN College, Vijayawada, on 21st & 22nd December, 2018.
22. Ms.V.Kavitha, Dept. of Biotechnology, attended the 4th India International Science Festival (IISF) 2018 organized by the Ministry of Science and Technology and Ministry of Earth Sciences in association with Vijnana Bharati at Indira Gandhi Pratishthan, Lucknow, from 5th to 8th October 2018.
23. Sri GM Srirangam, Dept. of Zoology, attended
1. the 4th World Summit on Accreditation: Challenges and Opportunities in Outcome Based Education organized by the National Board of Accreditation during September 7-9, 2018 at the Ashok Hostel, New Delhi.
 2. an Orientation Programme on Management of Skill Development in Higher Education organized by the Department of Educational Administration, National Institute of Educational Planning and Administration (NIEPA), during from 3rd to 7th December 2018 at NIEPA, New Delhi.
24. Dr.T.Rose Mary, Dept. of Botany, attended
1. a Two-day Academics’ Lecture Workshop on “Biodiversity Conservation for a Sustainable Planet” conducted by the Dept. of Botany, Adikavi Nannaya University, Rajamahendravaram, on 30th – 31st July 2018.
 2. a two day National workshop on “Experimental approach on Vrikshavaaran” organised by the Dept. of Botany, P.B.Siddhartha College, Vijayawada, on 17th & 18th August 2018.
 3. the UGC-sponsored National Workshop on “Overview of Intellectual Property Rights & Patent Law” organised by SDMS Kalasala, Vijayawada & Krishna University, on 11th December, 2018.
25. Ms.T.Sandhya, Sree, Dept. of Zoology, attended a National level Faculty Training Workshop conducted by Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada, on 31.07.2018.

26. Dr.N.A.Francis Xavier and Dr.B.Syam Sundar, Dept. of Commerce, attended a Training Programme on ZOHO and InstaEMI conducted by A.P. Skill Development Corporation at KBN College, Vijayawada, from 22.10.2018 to 26.10.2018.
27. Rev Fr N Bujji Babu, Dept. of Commerce, attended an International Conference on “Reorienting for greater Apostolic Effectiveness (REGAE), organized by Srilanka Jesuit Province, in Colombo, Srilanka, from 14th & 16th November 2018.
28. Dr P Ramalinga Prasad and Mr Srirama Srikanth, Dept. of Commerce, attended a Two day Faculty Development program on Tallynaipunya with GST conducted by AP State Skill Development Corporation (APSSDC) at SDMS Mahila Kalasala, Vijayawada, on 26th and 27th September 2018.
29. Mr.G.V.S.Narasimha, Dept. of Comp. Science, Mrs.R.P.L.D.B.Poonam, Mrs.Manjula, Mr.Anand, Mr.Bhavani Shankar, and Mrs.Radhika, Dept. of MCA, attended a six day workshop on Cloud Infrastructure & Services conducted by ALIET, Vijayawada, from 31-10-2018 to 05-11-2018.
30. Ms.R.P.L.D.B.Poonam and Ms.A.Manjula, Dept. of MCA, attended a workshop on Cloud Computing held at P.B.Siddhartha College, Vijayawada, on 6th & 7th July 2018.
31. Mrs.R.P.L.D.B.Poonam, Dept. of MCA, attended a workshop on Machine learning using Python held at P.B.Siddhartha College, Vijayawada, on 29th & 30th Nov. 2018.
32. Mrs.A.Manjula, Dept. of MCA, attended a workshop on ”leadership opportunities for professional women” conducted by National Women Commission in collaboration with Efftronics Systems Pvt Ltd., Vijayawada, on 27th and 28th October 2018.
33. Mrs.A.Manjula, Dept. of MCA and Dr.B.Kannamba, PG Dept. of Chemistry, attended an International Conference On Domestic Violence organized by Women Empowerment Cell & IQAC, SDMS Mahila Kalasala, Vijayawada, on 13th Dec. 2018.
34. Mr.P.Bhavani Shankar, Dept. of MCA attended
 1. a National Level Faculty Development Programme on “Block Chain - The Modern Internet” organized by Incubation Centre, JNTUK, Kakinada, on 16th August 2018.
 2. a Faculty Development Programme on “Data Sciences & Its Applications” organized by Dept. of Information Technology, PVPSIT, Vijayawada, on 28th and 29th September 2018.

3. a Two- Day Science Academics' Lecture workshop on "Applications of Quantum Mechanics to Optics" organized by the Department of Physics & Electronics, K.B.N. College, Vijayawada, on 1st and 2nd February 2019.
35. Dr.N.Praveen Kumar, PG Dept. of Botany, attended an UGC-sponsored National Workshop on Intellectual Property Rights - Issues & Challenges organized by the PG Dept. of Commerce & Business Administration, KBN College, Vijayawada, on 23rd November 2018.
36. Ms.T.Roja Mani, Librarian (PG) attended a Workshop on "Current Trends in e-learning and Associated Technologies" conducted by Maris Stella College, Vijayawada, on 1st September 2018.
37. Dr.G.Srinivasa Rao, Coordinator, IQAC, Sri GM Srirangam, Dept. of Zoology, Dr.A.Badarinath, Dept. of Paramedical and Hospital Administration attended a one day workshop on Moodle Learning Management System organized by the Dhanekula Institute of Engineering & Technology, Vijayawada, in collaboration with IIT, Bombay, on 15th March 2019.
38. Mr. K. Srinivas, Dept. of Statistics, attended an UGC Sponsored National Workshop on New Trends on SQC, Reliability with R-Programming organized by the Department of Statistics, Acharya Nagarjuna University, Nagarjuna Nagar, on 30th and 31st January 2019.
39. Mr. K. Srinivas, Dept. of Statistics, attended an UGC Sponsored National Workshop on Recent trends in Mathematical Sciences organized by the Dept. of Mathematics, ALC, Vijayawada, on 7th & 8th March 2019.
40. Dr.M.Srinivasa Reddy, Dept. of History, attended the 43rd Session of APHC at SKVT College, Rajahmundry, on 6th January 2019.
41. Dr.D.V.Satish, Dept. of Physics, attended a Two-Day Science Academies Lecture Workshop on "Applications of Quantum Mechanics to Optics" organised by the Department of Physics & Electronics, K.B.N.College, Vijayawada, on 1st and 2nd February 2019.
42. Dr.B.Johnson, PG Dept. of Physics, attended one day UGC Sponsored National Seminar on "Recent Trends in Materials Science" at JKC College, Guntur, on 14th February 2019.

43. Ms.A.V.K.S.N. Pratyusha, P.G Dept. of Chemistry, attended an UGC sponsored National Seminar on Optical Characterization Techniques organized by the Physics Department of Andhra Loyola College, Vijayawada, on 28-03-2019.
44. Faculty Members of the Dept. of MBA attended a one week Faculty Development Program (FDP) on” Incorporating Story Telling In Class Delivery” organized by Narayana Engineering College, Nellore.