

**Andhra Loyola College (Autonomous), Vijayawada**  
**69<sup>th</sup> Annual Report – 2022--2023**

**Research Activities:**

➤ **Additional Qualifications acquired:**

**Ph.D. Awarded (Seven):** Mr.P.Venugopala Rao, H.o.D. Mathematics (07.09.2022); Mr.B Balaji Bhanu, H.o.D. Electronics, (12.09.2022); Sri.N.Satyanarayana, Lect. in Economics, (01.12.2022); Rev.Fr.N. Bujji Babu, SJ, Lect. in Commerce, (01.12.2022); Rev.Fr.Y.T. Prabhu, S.J, Lect. in Physics, (04.01.2023); Rev.Fr.I.Lourduraj, SJ, H.o.D. Visual Communication (17.02.2023)

1. Mr.P.Venugopala Rao, Dept. of Mathematics was awarded Ph.D. Degree in Mathematics for his thesis entitled “**Contribution to the Ideal Theory of Modules over Near Rings and Gama Near Rings**” by Acharya Nagarjuna University, Guntur, on 7<sup>th</sup> September 2022.
2. Mr.B Balaji Bhanu, H.o.D. Electronics, was awarded Ph.D. Degree in Computer Science and Engineering, for his thesis entitled “An Adoptive Technique for CROP Monitoring System Using Wireless Sensor Networks” by Sri Chandrasekharendra Saraswathi Mahavidyalaya, Kanchipuram, Tamilnadu, on 12<sup>th</sup> September 2022.

With these, the total number of Ph.D. holders among our Staff goes up to 67; while that of the Faculty Members with M.Phil. stands at 23; and the faculty members with NET and SET Qualification at 45.

**Ph.D. Thesis Submitted (Four):** Ms.Ch.Varalakshmi (Dept. of MBA), Ms.A.Sree Lakshmi (Dept. of Commerce), Mr.K.M.Naga Koteswara Rao (Dept. of Maths), Ms.A.Lavanya (Dept. of Computer Science)

**Registered for Ph.D. (Five):** Mr.G.Sravan Kumar, Ms.D Uma Kumari, Ms.K.Durga Pavani and Mr.P.Ramesh of BBA Department and Ms. Sk.Khadarbhi of English Department have registered themselves for their Ph.D. Programme.

**AWARDS AND RECOGNITIONS:**

**Institutional Achievement:** College being awarded All India 94<sup>th</sup> Rank by the NIRF for the Year 2022 on 15<sup>th</sup> July 2022;

**Institutional Awards viz.** (1) an **Award of Excellence** presented to the College by A.P. Greening and Beautification Corporation, Govt. of Andhra Pradesh, in recognition of its contribution to greening the State through its own Green Campus during the Azadi Ka Amrit Mahotsav Celebrations on 15.08.2022; (2) a **Certificate of**

**Merit for rendering Meritorious Service** by the District Collector and Magistrate, NTR District, on behalf of Govt. of A.P., during the Republic Day Celebrations 2023; and (3) the **Red Cross Excellence Award** presented to the College by the Indian Red Cross Society Branch for conducting Voluntary Blood Donation Camps during Red Cross Day Celebration on 8<sup>th</sup> May 2023;

**Individual: Four** Faculty Members being conferred with different Awards, Honours, Recognitions: (1) Dr.T.Srikumar (Physics) awarded **National Best Inspirational Teacher Award 2022** by Avishkar Foundation, Maharashtra; (2) Mr.P.Venu Gopala Rao (Mathematics) awarded **Dr.Sarvepalli Radha Krishnan National Excellence Award 2022** from the International Multidisciplinary Research Foundation on 05.09.2022; and (3) Dr.K.Ramya Krishna (Agriculture and Rural Development) awarded **Young Soil Scientist Award** from Jaipur National University, Rajasthan, on 04.06.2022; and (4) **Dr.M.C.Rao** (Physics) ranked among the Top 2% Researchers in the World by Elsevier Journals in Materials Science Category;

**Patents: 02 Patents** secured by Dr.B.Balaji Bhanu (Electronics) for (i) Agriculture Monitoring Device Using Sensors and (ii) Smart Monitoring and Control of an Indoor Vegetation Environment System Using Artificial Intelligence and Machine Learning Approach, from the Govt. of India and the Republic of South Africa;

### **Inauguration of Platinum Jubilee Year of ALC (Autonomous) :**

The Academic Year 2022-2023 is the 69<sup>th</sup> Academic Year. Hence, His Excellency Sri. Abdul Nazeer, Honorable Governor of Andhra Pradesh, inaugurated the Platinum Jubilee Year of our College on 12.04.2023, Wednesday, at 5:00 pm in our College Hockey Ground. Prior to that, His Excellency inaugurated the two newly built Academic Blocks with a total plinth area of 6,461.76 Sq.Meters (69,554 Sq.Ft.) with Most Rev.Dr.T.Joseph Raja Rao and Most Rev.Dr.M.D.Prakasam, Bishops of Vijayawada and Nellore respectively and our own Alumni, blessing one Block each in the august presence of Rev.Fr.K.A.Stanislaus, SJ, the Provincial Superior of Andhra Jesuit Province and Prof.K.Hema Chandra Reddy, Prof.K.Rama Mohana Rao, Chairman of APSCHE and Vice Chairman I of APSCHE cum Vice Chancellor of Krishna University respectively and other Dignitaries.

### **RESOURCEFULNESS OF OUR FACULTY:**

Besides the Honours, Awards, Recognitions and Patents won by our Faculty Members, quite a good number of our faculty members have also won various Recognitions, including some faculty members being appointed Members of Committees constituted by the State Government for different purposes, invited as Resource Persons for Webinars/Seminars/Workshops, appointed Reviewers of reputed International and National Journals, University Nominees and Members of the Board of Studies of various Colleges, Subject Experts, Jury Members for different competitions and Consultants for various assignments.

#### **PATENTS:**

**Dr. M.C. Rao, Department of Physics, Published Patent entitled:** Extracting Antenna Specifications in Scattering Environment using Metasurface Cloak for Microwave Applications, Patent No: 202241017475, Award Date: 15/04/2022, Agency/Country: Office of the Controller General Patents, Designs & Trade Marks Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Government of India.

#### **PUBLICATIONS:**

#### **RESEARCH ARTICLES:**

1. **Dr. K. Sekhar, HoD, Dept. of Oriental Language**, published a Research Article entitled “Adunika Telugu Katha (2001-2010) - Madyataragati Kutumbala Deenastiti” in the National UGC-Care List. Journal Bhavaveena Spl. Issue. Journal ISSN No. 2456-4702, Vol.No.20, Page No. 80-85 on January 2023 (Spl. Issue).
2. **Dr. K. Sekhar, HoD, Dept. of Oriental Language**, published a Research Article entitled “Boyi Bheemanna Kavivam - Dalita Tatvika Drukpadam” in the National UGC- Care List. Journal Bhavaveena Spl. Issue. ISSN No. 2456-4702, Vol.No.19, Issue 10 Page No. 194 - 198 on October 2022 (Spl. Issue).
3. **Dr.D. Krupa Rao, Dept. of Telugu**, published a Research Article entitled “Dalitha Sthreevada Chaithanyam” in the National UGC-Care List. Journal - Bhavaveena Spl. Issue. Journal ISSN No. 2456-4702, Vol.No.20, Page No. 86-89, January 2023.
4. **Dr.L.Subha, Dept. of English**, published a Research Article entitled *Nature blends Artificial and Natural life* in the Dickensian Journal, UGC Care Group-II, ISSN No. 0012-2440, Page Nos. 1966-1971, Volume 22, Issue 6, July 2022

5. **Dr.L.Subha, Dept. of English**, published a Research Article entitled *A Conceit in Nefarious Success* in the Achievers Journal, ISBN No. (ONLINE) 2395-0897, ISBN (PRINT). 2454-2296, Volume 6 to 8, No.2 ,Page no:219-221 July 2022
6. **Dr.L.Subha, Dept. of English**, published a Research Article entitled *A Father's Ardent Love-A Translated Work*, Central for Applied Linguistics and Translational Studies, University of Hyderabad, ISBN No. 978-93-5737-257-2, Page Nos. 165-174, September 2022
7. **Dr.L.Subha, Dept. of English**, published a Research Article entitled *Rudiments of Language Skills*, An Almanac of Multidisciplinary Research Perspective, ISBN: 978-93-92995-47-7, Page Nos. 80-83, April 2023.
8. **Dr.T. Sai Mamata, Dept. of English**, published a Research Article entitled *New Geological Epoch-The Anthropocene* in the Dickensian Journal. ISSN No. 0012-2440, Page Nos. 1966-1971, Volume 22, Issue 6, June 2022
9. **Dr.T. Sai Mamata, Dept. of English**, published a Research Article entitled *Exploration of Identity and Individuality of the Women Characters in the Feminist Literature* in the Achievers Journal. ISBN No. (Online) 2395-0897, ISBN (PRINT) Page Nos. 2454-2296, Volume 6 to 8, No.2, July 2022
10. **Dr.T. Sai Mamata, Dept. of English**, published a Research Article entitled *Transmission, Transition and Transposition of Native Works*. Central for Applied Linguistics and Translational Studies, University of Hyderabad, ISBN No. 978-93-5737-257-2, Page Nos. 141-151, September 2022
11. **Dr.T. Sai Mamata, Dept. of English**, published a Research Article entitled *Intertwisted and Interweaved Lives on Earth*. An Almanac of Multidisciplinary Research Perspective, ISBN: 978-93-92995-47-7, Page Nos:47-49, April 2023
12. **Dr. P. Venu Gopala Rao and Fr. G. Kiran Kumar, Dept. of Mathematics**, published a Research Paper entitled "On Normal Fuzzy s-gamma ideals of Gamma seminear rings" in the International Journal, *Mathematical Sciences International Research Journal*. Journal ISSN No.2278-8697, Vol.No. 11, Issue 1, Page No. 1 - 3, June 2022.
13. **Dr. P. Venu Gopala Rao, Dept. of Mathematics**, published a Research Paper entitled "Fuzzy Relation on Gamma seminear rings" in the International Journal,

*Mathematical Sciences International Research Journal*. Journal ISSN No.2278-8697, Vol.No. 12, Issue 1, Page No. 52 - 56, March 2023.

14. **Ms.K.Anuradha, Ms.B.N.Padmavathi and Fr.G.Kiran Kumar, Dept. of Mathematics**, published a Research Paper entitled “Fixed points of almost generalized TAC-Contractive mappings in B-Metric spaces and Uniqueness” in the International Journal, *Mathematical Sciences International Research Journal*. Journal ISSN No.2278-8697, Vol.No. 12, Issue 1, Page No. 70-75, March 2023.
15. **Ms.B.N.Padmavathi, Ms.K.Anuradha, and Mr.K.N.Koteswara Rao, Dept. of Mathematics**, published a Research Paper entitled “Existence of Fixed points of almost generalized TAC-Contractive mappings in B-Metric spaces” in the International Journal, *Mathematical Sciences International Research Journal*. Journal ISSN No.2278-8697, Vol.No. 12, Issue 1, Page No. 76 - 83, March 2023.
16. **Dr.D.Tabhita, Dept. of Mathematics**, published a Research Article entitled “A study on s-Recursive languages and Recursively Multitudinous Languages” in the International Journal ‘Mathematical Sciences International Journal’. Journal ISBN No./ISSN No.2278-8697, Vol.No.12, Page No. 57 to 63 on 03/14
17. **Dr.D.Tabitha, Ms.V.Madhavi, and Ms.P.Hepsi Beula, Dept. of Mathematics**, published a Research Paper entitled “A study on Ringed Automata Space over Boolean Automata Space” in the International Journal, *Mathematical Sciences International Research Journal*. Journal ISSN No.2278-8697, Vol.No. 12, Issue 1, Page No. 57 - 63, March 2023.
18. **Ms.J.Hari Priya, Dept. of Mathematics**, published a Research Paper entitled “Upper signed edge unidomination number of a path” in the International Journal, *Mathematical Sciences International Research Journal*. Journal ISSN No.2278-8697, Vol.No. 12, Issue 1, Page No. 35 - 39, March 2023.
19. **Ms.J.Hari Priya, Dept. of Mathematics**, published a Research Paper entitled “A Note on translations of Bipolar Vague Subgroups” in the International Journal, *Mathematical Sciences International Research Journal*. Journal ISSN No.2278-8697, Vol.No. 12, Issue 1, Page No. 46 - 51, March 2023.
20. **Ms.G.Mary Joshna, Dept. of Mathematics**, published a Research Article entitled “A note on translations of Bipolar vague subgroups” in the International Journal

‘Mathematical Sciences International Journal’. Journal ISBN No./ISSN No.2278-8697, Vol.No.12, Page No. 46 to 51 on 03/14

21. **Ms.G.Mary Joshna, Dept. of Mathematics**, published a Research Article entitled “Upper signed edge unidomination number of a path” in the International Journal ‘Mathematical Sciences International Journal’. Journal ISBN No./ISSN No.2278-8697, Vol.No.12, Page No. 35 to 39 on 03/14 1
22. **Dr. G Sahaya Baskaran, Department of Physics**, published a Research Article entitled Influence of Au<sup>0</sup> particles on luminescence efficiency of Ho<sup>3+</sup> ions in PbO–SeO<sub>2</sub>-B<sub>2</sub>O<sub>3</sub> glass ceramics: the role of free volume defects-exploration using PALS studies, in the book Chapter *Luminescent Materials: Fundamentals and Applications*. doi.org/10.1515/9783110607871-005 Book Chapter (2023)115-129
23. **Dr. G Sahaya Baskaran, Department of Physics**, published a Research Article entitled Amplification of blue emission of Tm<sup>3+</sup> ions in Li<sub>2</sub>O-HfO<sub>2</sub>-SiO<sub>2</sub>glass system by means of Au<sup>0</sup> metallic particles, in the International Journal *Luminescence*. Journal ISSN No: 1522-7243 Vol.No , 2023;1–12
24. **Dr. G Sahaya Baskaran, Department of Physics**, published a Research Article entitled The role of modifier oxides on red emission of Eu<sup>3+</sup> ions in lithium antimonite glass system Valluri Ravi Kumar , in the International *Journal of Non-Crystalline Solids*, Journal ISSN No: ISSN 0022-3093 Vol.No. 600 (2023) 122036, doi:10.1016/j.jnoncrysol.2022.122036
25. **Dr. G Sahaya Baskaran, Department of Physics**, published a Research Article entitled Influence of nano-sized defects on PL efficiency of Er<sup>3+</sup> ions co-doped with Au<sub>2</sub>O<sub>3</sub> in lead boroselenate glass ceramic system- A novel approach using PAL spectroscopy,, in the International Journal *Luminescence: The Journal of Biological and Chemical Luminescence*, Journal ISSN No: 15227243, 15227235, Vol.No 2022,1-9. DOI: 10.1002/BIO.4357
26. **Dr. G Sahaya Baskaran, Department of Physics**, published a Research Article entitled Influence of gold nano particles on dielectric features a.c. conductivity and dielectric breakdown strength of PbO-B<sub>2</sub>O<sub>3</sub>-SeO<sub>2</sub>:Ho<sub>2</sub>O<sub>3</sub> glass ceramics, in the International Journal ECS J. Solid State Science Technology. Journal ISSN No: 2162-8777, Vol.No **11(2022 ) 083007** doi:10.1149/2162-8777/ac869d

**27 Dr. M.C. Rao, Dept. of Physics, Published Research Papers entitled**

1. Recent Advances on MXene-Based Electrocatalysts toward Oxygen Reduction Reaction: A Focused Review (Adv. Mater. Interf., 8 (2022) 2100975 (1-32).
2. Identification of thermo optical parameters of 8ocb pure and nano dispersed liquid crystalline compound using image processing-based IME method (Mol. Cryst. Liq. Cryst., 731 (2022) 35-54.)
3. Design and analysis of varactor-loaded bi-state switchable active artificial magnetic conductor reflector for wearable antenna integration. (Int. J. RF Micro. Comp. Aid. Eng., 32(4) (2022) 23047 (1-16).
4. A multiband frequency reconfigurable and bifunctional metasurface. (Int. J. Electr. Lett., 10 (2022) 1-14.)
5. Variation of thermodynamic indices over four stations of Bangladesh. (Thalassas: Int. J. Marine Sci., 38 (2022) 293-310.)
6. Study of Pre-monsoon CAPE Development over Puducherry, India. (Thalassas: Int. J. Marine Sci., 38 (2022) 459-478).
7. Dielectric investigations on metal (Ni and Cu) tetrahydroxy phenyl porphyrins in PMMA polymer matrix.(Mater. Today: Proc., 50 (2022) 371-374).
8. Structural and impedance analysis of PAN-based Na<sup>+</sup> ion conducting gel polymer electrolytes for energy storage device application. (Mater. Today: Proc., 51 (2022) 1164–1167).
9. Synthesis and dielectric properties of PAN-based Na<sup>+</sup> ion polymer electrolytes. (Mater. Today: Proc., 51 (2022) 1168–1171).
10. Increasing pre-monsoon rain days over four stations of Kerala, India. (Acta Geophys. 70 (2022) 963-978).
11. Structural, Optical and Photoluminescence Studies of Ti-doped ZnO Nanopowders by a Simple Solution Method. (J. Appl. Spectr., 89(2) (2022) 281-289.
12. Optical and Dielectric Properties of ZnO Nematic Liquid Crystals Prepared by the Chemical Precipitation Method. J. Appl. Spectr., 89(3) (2022) 435-445.

13. A Circularly Polarized Quad-Band Wearable Textile Antenna Integrated with Triple Band AMC Reflector for WBAN Applications. *Prog. Electromag. Res. C*, 121 (2022) 1-18.
14. Convection-based assessment of pre-monsoon season instability indices over Chandigarh and Ladakh regions, India. *Arab. J. Geosci.*, 15(7) (2022) 571(1-16).
15. An effective CuO/Bi<sub>2</sub>WO<sub>6</sub> heterostructured photocatalyst: Analyzing a charge-transfer mechanism for the enhanced visible-light-driven photocatalytic degradation of tetracycline and organic pollutants. *Chemos.*, 287 (2022) 132015(1-12).
16. Novel BiVO<sub>4</sub>-nanosheet-supported MoS<sub>2</sub>-nanoflake-heterostructure with synergistic enhanced photocatalytic removal of tetracycline under visible light irradiation. *Chemos.*, 305 (2022) 135465 (1-12).
17. Influence of excitation wavelength on the down-conversion photoluminescence characteristics of Gd<sub>2</sub>O<sub>3</sub>:Er<sup>3+</sup>-Yb<sup>3+</sup> phosphor. *Inorg. Chem. Commun.*, 143 (2022) 109736 (1-5).
18. Analysis of Convection Related Parameters on Heavy Rainfall Event over Kerala during August, 2018. *AIP Conf. Proc.* 2357 (2022) 030023 (1-5).
19. Convective System over Sami Region on 2<sup>nd</sup> October, 2013. *AIP Conf. Proc.* 2357 (2022) 030024 (1-5).
20. Statistical Downscaling in Maximum Temperature Future Climatology. *AIP Conf. Proc.* 2357 (2022) 030026 (1-7).
21. Conductivity Studies on PVA-Mg(OTf)<sub>2</sub> Polymer Films for Battery Application. *AIP Conf. Proc.* 2357 (2022) 030028 (1-4).
22. Effect of Humidity Sensitivity on Solid Polymer Electrolytes. *AIP Conf. Proc.* 2357 (2022) 030029 (1-4).
23. Rainfall Activity over Vijayawada Region During 2019. *AIP Conf. Proc.* 2357 (2021) 030030 (1-5).
24. Analysis of Rainfall Activity over Allahabad Region during 2019. *AIP Conf. Proc.* 2357 (2022) 030031 (1-5).



25. Influence of Various Atmospheric Parameters over Aizawl Region. AIP Conf. Proc. 2357 (2022) 030033 (1-6).
26. Factors Influencing Vegetation on Guwahati Region during 2010-2015. AIP Conf. Proc. 2357 (2022) 040021 (1-5).
27. Study of Vegetation Related Parameters over Shillong Region during winter and Post-monsoon Seasons. AIP Conf. Proc. 2357 (2022) 040022 (1-6).
28. Thermal potential porous materials and challenges of improving solar still using TiO<sub>2</sub>/Jackfruit peel - enhanced energy storage material. Mater. Today: Proc., 66(8) (2022) 3616-3625.
29. Optical and Spectral Properties of Dispersed ZnO p-n-Octyloxy Benzoic acid Liquid Crystalline Compounds. J. Appl. Spectr., 89(6) (2022) 902-909.
30. Structural, electrical and dielectric studies of PVA based NaNO<sub>3</sub> Polymer electrolytes for battery applications. Int. J. Amb. Energ., (2022) <https://doi.org/10.1080/01430750.2022.2126521>
31. Estimation of Convection-Related Parameters over Vijayawada Station, India Thalaas: Int. J. Marine Sci., (2022) <https://doi.org/10.1007/s41208-022-00488-4>
28. **Dr.D.Bala, Department of Chemistry** Study on thermodynamic and transport Properties of binary liquid mixtures at various temperatures, Russian Journal of Physical Chemistry A, (Spinger), 96, 824–833 (2022)
29. **Dr.D.Bala, Department of Chemistry** Studies on associated solutions: Evaluation of thermodynamic parameters of blends of N-methyl formamide and o- substituted aniline at various temperatures. Publications-YMER, YMER || ISSN: 0044-0477(2023)
30. **Dr.Y.Subba Reddy, Dept. of Chemistry**, published Research Articles Morphological features and photoluminescence of ZnO and ZnO decorated S,N-doped few-layered graphene (ZnO–S, N-FLGs), Journal of Physics and Chemistry of Solids, Volume 174, March 2023, 111175. The impact Factor is 4.383.

31. **Dr.Y.Subba Reddy, Dept. of Chemistry**, published Research Articles Sustainable Mesoporous Graphitic Activated Carbon as Biosorbent for Efficient Adsorption of Acidic and Basic Dyes from Wastewater: Equilibrium, Kinetics and Thermodynamic Studies, Journal of Hazardous Materials Advances, Volume 9, February 2023, 100214.
32. **Dr. B. Balaji Bhanu, Dept. of Electronics**, published a Research Article entitled “Automated Detection of Skin Lesions Using Back Propagation Neural Network” in the International Journal “Intelligent Computing and Applications, Smart Innovation, Systems and Technologies”. (Springer). Journal ISBN No. 978-981-19-4162-7, Vol.No.315, Page Nos.127–133 on 14 November 2022. [https://doi.org/10.1007/978-981-19-4162-7\\_13](https://doi.org/10.1007/978-981-19-4162-7_13).
33. **Dr. B. Balaji Bhanu, Dept. of Electronics**, published a Research Article entitled “Bluetooth Based Home Automation System Using a Microcontroller” in the international journal for Innovative Engineering and Management Research (IJIEMR). Journal ISSN: 2456–5083, Volume 12, ISSUE 02, Pages: 299-306, DOI: 10.48047/IJIEMR/V12/ISSUE02/46, February 2023.
34. **Dr. B. Balaji Bhanu, Dept. of Electronics**, published a Research Article entitled “Basic Functionalities of Quantum Computing” in the international journal for Innovative Engineering and Management Research (IJIEMR). Journal ISSN: 2456–5083, Volume 12, ISSUE 02, Pages: 405-415, DOI: 10.48047/IJIEMR/V12/ISSUE 02/64, February 2023.
35. **Dr. B. Balaji Bhanu, Dept. of Electronics**, published a book “Basics of Internet of Things (Smarter Technology for All)”, ISBN No. 9-789393-77209, Year of Publication 2022. ([https://www.amazon.in/dp/B0B1Z59PM3?ref=myi\\_title\\_dp](https://www.amazon.in/dp/B0B1Z59PM3?ref=myi_title_dp))
36. **Dr.B.Balaji Bhanu, Dept. of Electronics**, published a proceedings book of International Conference on "Emerging Trends in Science, Engineering and Technology (ICESET-2023) as an Editor. ISBN: 978-93-5811-594-9.
37. Mr. A. Kantha Rao, Dept. of Electronics, published a Research Article entitled “Customizing Home Appliances Using IoT” in the international journal for Innovative Engineering and Management Research (IJIEMR). Journal ISSN:

2456–5083, Volume 12, Issue 02, Pages: 327-331, DOI: 10.48047/IJEMR/V12/ISSUE 02/50, February 2023.

38. **Ms.K.Durga Pavani, Dept. of BBA**, published a Research Article entitled Work life balance-An implication for better life and job satisfaction in the National Journal JME Journal ISBN No.22295348, Vol.No.16, Page No. 69-72 on APRIL-June 2022
39. **Mrs. D.Uma Kumari, Dept. of BBA**, published a Research Article entitled “Digital Marketing -A Virtual suppression of Traditional Marketing in the International Journal “International Journal of Food and Nutritional Sciences (IJFANS)”with Journal E-ISSN No.2319 -1775 Vol.No.11, Issue No.9 Page No. 2396-2399 in December, 2022 (UGC CARE LISTED)
40. **Mrs. D.Uma kumari , Dept. of BBA**, published a Research Article entitled “A study on Impulsive buying Behaviour among consumers in shopping malls in the International Journal “International Journal of Food and Nutritional Sciences (IJFANS)”with Journal E-ISSN No.2319-1775 Vol.No.11, Issue No.9 Page No. 2384-2395 in December, 2022 (UGC CARE LISTED)
41. **Dr.A.Madhuri, Dept. of MBA**, published a Research Article entitled “An Empirical Study on Employees Work Life Balance with Reference to Educational Institutions of Krishna and Guntur Districts in the International Journal - “International Journal of Food and Nutritional Sciences (IJFANS)” with Journal E-ISSN No.2320-7876. Vol.No.11, Issue No.9 Page No. 1413-1416 in December, 2022 (UGC CARE LISTED)
41. **Dr. A.Madhuri, Dept of MBA** published a research article entitled “A study on perception of employees with reference to welfare measures in select paper units Andhra region” in the International journal “International journal of food and nutritional sciences” ISSN No. 2319 1775, Volume 11, Issue 7, Page No: 1322 – 1328, November – 2022. (UGC Care Listed)
42. **Mrs. Ch.Varalakshmi, Dept. of MBA**, published a Research Article entitled “An Empirical Study on Employees Work Life Balance with Reference to Educational Institutions of Krishna and Guntur Districts in the International Journal -

“International Journal of Food and Nutritional Sciences (IJFANS)”with Journal E-ISSN No.2320-7876. Vol.No.11, Issue No.9 Page No. 1413-1416 in December, 2022 (UGC Care Listed)

43. **Mrs.Ch.Varalakshmi, Dept. of MBA**, published a Research Article entitled “Measurement of Users Acceptance of Selected Financial Technology Products and Services in the International Journal “International Journal of Professional Business Review” with Journal ISSN NO 2525-3654. Vol No8, Issue No 2, Page No 1-15 in February, 2023 (Scopus Indexed Journal)
44. **Dr.B.RajeevKumar Dept of MBA** published a research article entitled “A study on perception of employees with reference to welfare measures in select paper units Andhra region” in the International journal “International journal of food and nutritional sciences” ISSN No. 2319 1775, Volume 11, Issue 7, Page No: 1322 – 1328, November – 2022. (UGC Care Listed)
45. **Dr.B.RajeevKumar Dept of MBA** published a research article entitled “Examining The Impact Of Enterprise Social Networking Systems (ESNS) On Knowledge Management And Organisational Learning” in the International journal “Manager-The British Journal of Administrative Management” ISSN No. 1746 1278, Volume 58, Special Issue 09, December – 2022. (ABDC Listed)
46. **Dr. T. Suresh, Dept of MBA** published a research article entitled “A study on perception of employees with reference to welfare measures in select paper units Andhra region” in the International journal “International journal of food and nutritional sciences” ISSN No. 2319 1775, Volume 11, Issue 7, Page No: 1322 – 1328, November – 2022.
47. **Dr. T. Suresh, Dept of MBA** published a research article entitled “An Analysis of the Talent Management Process’s Digital Transformation in Indian Context” in the International journal “International Management Review” ISSN No. 1551 6849, Volume 9, Issue 1, Page No: 36 – 43, March – 2023.
48. **Dr.D.Madhulatha, Dept. of Statistics**, published a research article entitled “EPQ Model with Generalized Pareto Rate of Production and Weibull Decay Having Demand as Function of on Hand Inventory” in an international Journal

“Reliability: Theory and Applications”, ISSN No. 1932-2321, Vol.No. 17, Page No: 25-29, Issue: 3 (69).

49. **Mrs. N. Bharathi, Dept. of Statistics**, Published a research article entitled “Probability Density Function, Cumulative Distribution Function, Hazard Function and Survival Function of Novel Exponent Power Rayleigh Distribution” in “International Research Journal of Management Science and Technology” on 15-7-2022.
50. **Mrs. N. Bharathi, Dept. of Statistics**, Published a research article entitled “A Novel Exponent Power Rayleigh (NovEPR) distribution Properties and its Applications” in “International Journal of Creative Research Thoughts (IJCRT)”, ISSN No. 2320-2882, Vol. No. 10, Page No: c892-c904, Issue: 8 on 8-8-2022.
51. **Mrs. N. Bharathi, Dept. of Statistics**, Published a research article entitled “Maximum Likelihood Estimation for the parameters of the Novel Exponent Power Rayleigh (NovEPR) distribution” in “Bulletin of Mathematics and Statistics Research”, ISSN No. 2348-0580, Vol. No. 10, Page No: 30-38, Issue: 3 on 26-09-2022.
52. **Ms. A Sree Lakshmi, Dept. of Commerce**, published a Research Articles entitled “Factors Influencing Consumer Buying Behaviour in Trendset Shopping Mall, Vijayawada”, Journal “*IJFANS International Journal Of Food And Nutritional Sciences*” Journal - ISSN Print 2319 1775, Online 2320 7876, UGC Care Listed (Group-I) Vol.No.11, issue 7, Page No. 1460-1467 on November 2022.
53. **Ms. A Sree Lakshmi, Dept. of Commerce**, published a Research Article entitled “Preparation of a Business Plan in Entrepreneurship: The Road Map of an enterprise” in journal of Creativity and Innovation in Entrepreneurship. Journal ISBN 978-93-92257-48-3 Vol-1 Page no- 126-133 (Chapter-26) on November 2022 by YVNR Government Degree college, Kaikaluru in association with Roshan publications.
54. **Ms. A Sree Lakshmi, Dept. of Commerce**, published a Research Article entitled” A Study on Impulsive Buying Behaviour Among Consumers in Shopping Malls”, Journal IJFANS International Journal Of Food And Nutritional

Sciences” Journal - ISSN PRINT 2319 1775, ONLINE 2320 7876, UGC Care Listed (GROUP-I) Vol.No.11, issue 7, Page No. 2384-2395 on December 2022.

55. **Ms. A Sree Lakshmi, Dept. of Commerce**, published a Research Article entitled “Customer buying behavior and satisfaction level towards PVP Shopping Mall in Vijayawada city” in International Journal for Innovative Engineering and Management Research Journal-ISSN 2456-5083, IJMER VOL-12, issue-04 impact factor 7.812, page no-1193-1204 on March 2023.
56. **Dr.T. Jaison Jose, Dept. of Chemistry**, published a Research Article entitled UV light sensing and switching applications of dimeric smetic liquid crystals: comparative calculations in the International Journal “The European Physical Journal E” , ISSN No. 1292-8941, Vol.No 45, Page No. 98 on 15/12/2022.

#### **PAPERS PRESENTED IN SEMINARS/WORKSHOPS:**

1. **Mr.N Ranga Babu, Dept. of English**, presented a Research Paper on in a Three-Day International Conference on Major Issues and Challenges in English and Oriental Languages and Literatures. The Conference was organized by the Departments of English and Oriental Languages, Andhra Loyola College, Vijayawada, in collaboration with Indian Society for Commonwealth Studies (ISCS) from 16<sup>th</sup> to 18<sup>th</sup> February 2023
2. **Mr Sanjeev Kumar Bali, Dept. of English**, presented a Research Paper on *Perceive the Perceptions* in a Three-Day International Conference on Major Issues and Challenges in English and Oriental Languages and Literatures. The Conference was organized by the Departments of English and Oriental Languages, Andhra Loyola College, Vijayawada, in collaboration with Indian Society for Commonwealth Studies (ISCS) from 16<sup>th</sup> to 18<sup>th</sup> February 2023
3. **Dr. T. Sai Mamata, Dept. of English**, presented a Research Paper on *New Geological Epoch-The Anthropocene* in Three-days National Conference on ‘Eco-criticism: A Study of Environmental Issues in English Literature’ . The Conference was organized by the Dept. of Studies and Research in English, Sharanbasva University, Kalaburagi from 01.07.2022 to 3.07.2022
4. **Dr. T. Sai Mamata, Dept. of English**, presented a Research Paper on *Sensitivity and Sensibility in the Feminist Voices* in a Two-day National Seminar on

‘Literature in Post-independent Era’. The Conference was organized by the Dept. of English, PB Siddhartha College of Arts and Science, Vijayawada on 28.10.2022 and 29.10.2022.

5. **Dr.T.Sai Mamata, Dept. of English**, presented a Research Paper on *Selfless Love is always Bound and Blind* in an International Conference on English Language and Literature and Culture, Exploring Digital Humanities: Challenges and Opportunities. The Conference was organized by the Achievers Foundation for English Studies (TAFFES), Bhadohi, UP, India in collaboration with Madan Mohan Malaviya University of Technology, UP, India and Government College, Una, HP, India from 10<sup>th</sup> & 11<sup>th</sup> December 2022
6. **Dr. T. Sai Mamata, Dept. of English**, presented a Research Paper on *Semblances and Resemblances in Verses* in a Three-Day International Conference on Major Issues and Challenges in English and Oriental Languages and Literatures. The Conference was organized by the Departments of English and Oriental Languages, Andhra Loyola College, Vijayawada in collaboration with Indian Society for Commonwealth Studies (ISCS) from 16<sup>th</sup> to 18<sup>th</sup> February 2023
7. **Dr. T. Sai Mamata, Dept. of English**, presented a Research Paper on *Intertwisted and Interweaved Lives on Earth* in the International Hybrid Conference on Science and Technology Engineering Arts, Humanities & Management. The Conference was organized by the Department of Humanities & Sciences, SVCET (Autonomous) Chittoor, Andhra Pradesh on 10<sup>th</sup> & 11<sup>th</sup> April 2023
8. **Dr.L.Subha, Dept. of English**, presented a Research Paper on *Nature blends Artificial and Natural life* at three-days National Conference on ‘Eco-criticism: A Study of Environmental Issues in English Literature’. The Conference was organized by the Dept. of Studies and Research in English, Sharanbasva University, Kalaburagi, from 01.07.2022 to 03.07.2022
9. **Dr.L.Subha, Dept. of English**, presented a Research Paper on *Nature: A True Companion for Cohorts* in a Two-day National Seminar on ‘Literature in Post-independent Era’. The Conference was organized by the Dept. of English, PB

Siddhartha College of Arts and Science, Vijayawada, on 28.10.2022 and 29.10.2022.

10. **Dr.L.Subha, Dept. of English**, presented a Research Paper on *Surreptitious, Suppression in Secluded life* in an International Conference on English Language and Literature and Culture, Exploring Digital Humanities: Challenges and Opportunities. The Conference was organized by the Achievers Foundation for English Studies (TAFFES), Bhadohi, UP, India in collaboration with Madan Mohan Malaviya University of Technology, UP, India and Government College, Una, HP, India from 10<sup>th</sup>& 11<sup>th</sup> December 2022
11. **Dr.L.Subha, Dept. of English**, presented a Research Paper on *Interdependence Between Man and Nature* in a Three-Day International Conference on Major Issues and Challenges in English and Oriental Languages and Literatures. The Conference was organized by the Departments of English and Oriental Languages, Andhra Loyola College, Vijayawada in collaboration with Indian Society for Commonwealth Studies (ISCS) from 16<sup>th</sup> to 18<sup>th</sup> February 2023
12. **Dr.L.Subha, Dept. of English**, presented a Research Paper on *Rudiments of Language Skills* in the International Hybrid Conference on Science and Technology Engineering Arts, Humanities & Management. The Conference was organized by the Department of Humanities & Sciences, Sri Venkateswara College of Engineering & Technology (SVCET) Chittoor, Andhra Pradesh, on 10<sup>th</sup>& 11<sup>th</sup> April 2023
13. **Dr. K. Sekhar, H.o.D., Oriental Languages**, presented a Research Paper on “Adunika Telugu Katha (2001-2010) - Madyataragati Kutumbala Deenastiti” in the International Online Seminar on “Telugu Sahityam - Vibhinna Prakriyalu”. The Seminar was organized by the Dept. of Telugu, T.R.R. & S.P.S.R & K.R.K Govt. Degree Colleges, Kandukuru, Addanki and Nellur, on 24<sup>th</sup>, 25<sup>th</sup> August, 2022.
14. **Dr. K. Sekhar, H.o.D., Oriental Languages**, Presented a Research Paper on “Boyi Bheemanna Kavivam - Dalita Tatvika Drukpadam” in the National Seminar on “Dalitha Sahityam – Thatvika Drukpadam”. The Seminar was



organized by the Departments of Telugu & Philosophy, Govt. Degree College (A), Rajahmundry on 21, 22<sup>nd</sup> October, 2022.

15. **Dr. K. Sekhar, H.o.D., Oriental Languages**, Presented a Research Paper on “Manchi Telugu Raasenduku Yem Cheyali?” in the International Seminar on “English, Prachya Bashalu, Sahityalu - Samsyalu, Savallu”. The Seminar was organized by Departments of English and Oriental Languages, Andhra Loyola College, Vijayawada in Collaborations ISCS, New Delhi on 16<sup>th</sup> - 18<sup>th</sup> February, 2023.
16. **Dr. K. Sekhar, H.o.D., Oriental Languages**, Presented a Research Paper on “Piniseti Saahiti Prastanam” in the U.G.C. sponsored National Seminar on “Aniseti- Piniseti Saahityam-Samajika Drukkanam”. The Seminar was organized by Department of Telugu & Oriental Languages, Acharya Nagarjuna University, Guntur on 24-25<sup>th</sup> March, 2023.
17. **Dr.D. Krupa Rao, Dept. of Telugu** presented a Research Paper on “Dalitha Sthreevada Chaithanyam” in the International Online Seminar on “Telugu Sahityam – Vibhinna Prakriyalu” organized by Department of Telugu, T.R.R. & S.P.S.R & K.R.K Govt. Degree Colleges, Kndukuru, Addanki and Nellur On 24,25<sup>th</sup> August,2022.
18. **Dr.D. Krupa Rao, Dept. of Telugu** Presented a Research Paper on “Sarkaru Gaddi Navala – Dalitha Chaithanyam”(Paper Title) in the National Seminar on “Dalitha Sahityam – Thatvika Drukpadam” (Seminar Topic). organized by Department of Telugu, Govt. Degree College, Rajamendry. On 21,22<sup>nd</sup> October,2022
19. **Dr.D. Krupa Rao, Dept. of Telugu** Presented a Research Paper on “Telugu Bhasaha Sahityalaku Paschatya Christava Missionaryla Seva” (Paper Title) in the International Seminar on “English, Prachya Bhashalu, Sahityalu – Samsyalu, Savallu” (Seminar Topic). organized by Departments of English and Oriental Languages, Andhra Loyola College, Vijayawada & ISCS, New Delhi. On 16<sup>th</sup> – 18<sup>th</sup> February,2023
20. **Dr.D. Krupa Rao, Dept. of Telugu** Presented a Research Paper on “Anisetty Subbarao Rachanalalo Samajikatha” (Paper Title) in the U.G.C Sponsered

National Seminar on “Anisetty – Pinisetty Sahityam – Samajika Drukkonam” (Seminar Topic) organized by Department of Telugu & Oriental Languages, Achary Nagarjuna University, Guntur. On 24,25<sup>th</sup> March, 2023.

21. **Ms.Snehal Vimal Shukla, Dept. of Hindi** presented a Research Paper on “Angreji Evam Prachya Bhasha Em aur Sahity Ke Mukhy Mudde Evam Chunotiya ” (Paper Title) in the International Seminar on “ English, Prachya Bhashalu, Sahityalu – Samsyalu, Savallu” (Seminar Topic). organized by Departments of English and Oriental Languages, Andhra Loyola College, Vijayawada & ISCS, New Delhi. On 16<sup>th</sup> – 18<sup>th</sup> February, 2023
22. **Dr.P.Venu Gopala Rao, Dept. of Mathematics**, presented a Research Paper on “A Note on Ideals of Gamma Semi near rings” in the International Conference on Essence of Mathematics and Engineering Applications. The Conference was organized by the Dept.of Mathematics, KL Deemed to be University, in collaboration with Science City of Andhra Pradesh, Amaravathi and APCOST, on 9<sup>th</sup> and 10<sup>th</sup> Dec.2022.
23. **Dr.P.Venu Gopala Rao, Dept. of Mathematics**, presented a Research Paper on “Theoretical investigations on the non-covalent interactions” in the Two day National Conference on Recent Trends in Materials Science. The Conference was organized by the Dept.of Chemistry, Andhra Loyola College, Vijayawada, in collaboration with the Dept.of Chemistry, ALIET on 13<sup>th</sup> and 14<sup>th</sup> Feb.2023.
24. **Dr.P.Venu Gopala Rao, Dept. of Mathematics**, presented a Research Paper on “A Note on Gas Leakage Monitoring and detection using Internet of Things” in the International Conference on Emerging Trends in Science, Engineering and Technology. The Conference was organized by the Dept. of Electronics, Andhra Loyola College, Vijayawada during 20<sup>th</sup> - 22<sup>nd</sup> Feb.2023.
25. **Dr.P.Venu Gopala Rao, Dept. of Mathematics**, presented a Research Paper on “Fuzzy relation on Gamma Semi near rings” in the International Conference on Advances and Applications in Mathematical Sciences. The Conference was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, during 14<sup>th</sup> - 16<sup>th</sup> March 2023.

26. **Dr.P.Venu Gopala Rao, Dept. of Mathematics**, presented a Research Paper on “Introduction to Fuzzy Ideals of Gamma Semi nearrings” in the UGC Sponsored Two day National Conference on Advances in Mathematical Sciences and its Applications. The Conference was organized by the Dept.of Mathematics, Acharya Nagarjuna University, in Collaboration with APTSMS on 17<sup>th</sup> and 18<sup>th</sup> March 2023.
27. **Ms.K.Anuradha, Dept. of Mathematics** presented a Research Paper on ‘Fixed points of almost generalized TAC-Contractive mappings in b-metric spaces and uniqueness’ in the International Conference on Advances and Applications in Mathematical Sciences. The Conference was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, on 14<sup>th</sup> to 16<sup>th</sup> March 2023.
28. **Ms.J. Hari Priya, Dept. of Mathematics**, presented a Research Paper on “Upper Signed Edge Unidomination Number of a Path” In the International Conference on Advances and Applications in Mathematical Sciences. The Conference was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, during 14<sup>th</sup> - 16<sup>th</sup> March 2023.
29. **Ms. G. Mary Joshna , Dept. of Mathematics** presented a Research Paper on ‘A note on Translations of Bipolar Vague Subgroups’ in the International Conference on Advances and Applications in Mathematical Sciences. The Conference was organized by the Dept. of Mathematics, Andhra Loyola College, Vijayawada, from 14<sup>th</sup> to 16<sup>th</sup> March 2023.
30. **Dr.D.Tabhita, Dept. of Mathematics** presented a Research Paper on ‘ A study on s-Recursive languages and Recursively Multitudinous Languages’ in the International Conference on Advances and Applications in Mathematical Sciences.The Conference was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, on 14<sup>th</sup> to 16<sup>th</sup> March 2023.
31. **Ms.D.Tabitha, Dept. of Mathematics**, presented a Research Paper on “A study on Ringed Automata Space over Boolean Automata Space” in the International Conference on Advances and Applications in Mathematical Sciences. The Conference was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, during 14<sup>th</sup> - 16<sup>th</sup> March 2023.

32. **Ms.B.N.Padmavathi, Dept. of Mathematics**, presented a Research Paper on “Existence of Fixed points of almost generalized TAC-Contractive mappings in B-metric spaces” in the International Conference on Advances and Applications in Mathematical Sciences. The Conference was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, during 14<sup>th</sup> - 16<sup>th</sup> March 2023.
33. **Mr.K.Naga Koteswara Rao, Dept. of Mathematics**, presented a Research Paper on “ Prime Right R-groups and Incompleteness of the prime radical of near rings” in the International Conference on Advances and Applications in Mathematical Sciences. The Conference was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, during 14<sup>th</sup> - 16<sup>th</sup> March 2023.
34. **Mr.K.Naga Koteswara Rao, Dept. of Mathematics**, presented a Research Paper on “Some radical properties of the  $1(r)$  prime radical of Near rings” in the UGC Sponsored Two day National Conference on Advances in Mathematical Sciences and its Applications.The Conference was organized by the Dept.of Mathematics, Acharya Nagarjuna University, in Collaboration with APTSMS on 17<sup>th</sup> and 18<sup>th</sup> March 2023.
35. **Dr. M.C. Rao, Dept. of Physics**, Presented as Research on Luminescence studies of  $\text{Li}_2\text{Ca}_{1-x}\text{SiO}_4:x\text{Tb}^{3+}$  phosphor for display 3rd International Conference on Recent Trends in Renewable Energy and Sustainable Development, Bhilai Institute of Technology, Raipur, 29th & 30th April, 2022.
36. **Dr. M.C. Rao, Dept. of Physics**, Presented as Research on Synthesis of  $\text{Sr}_3\text{Al}_2\text{O}_6:\text{Eu}^{3+}$  phosphor and Luminescence studies International Seminar on Advanced Materials and Applications (ISAMA 2022), The M.S. University of Baroda, Vadodara, 18th July, 2022.
37. **Dr. M.C. Rao, Dept. of Physics**, Presented as Research on Synthesis of  $\text{Li}_2\text{Ca}_{1-x}\text{SiO}_4:x\text{Sm}^{3+}$  Phosphor for White Light Emission International Seminar on Advanced Materials and Applications (ISAMA 2022), The M.S. University of Baroda, Vadodara, 18th July, 2022.

38. **Dr. M.C. Rao, Dept. of Physics**, Presented as Research on Photoluminescence studies of  $\text{Eu}^{3+}$  activated  $\text{LaCePO}_4$  phosphor for display application International Seminar on Advanced Materials and Applications (ISAMA 2022), The M.S. University of Baroda, Vadodara, 18th July, 2022.
39. **Dr P. Anila, Dept. of Chemistry** presented a Research Paper on Mixed Matrix Membrane in the UGC sponsored National Seminar on Recent Trends In Materials Science. The Seminar was organized by the Dept.of chemistry, Andhra Loyola College, Vijayawada, on 13 th and 14 th February 2023.
40. **Dr P. Anila , Dept. of Chemistry** presented a Research Paper on Equilibrium, Kinetic and Thermodynamic Study of Adsorption of Safranin O dye from Aqueous Solution by Bael Tree Bark Powder in the UGC sponsored National Seminar on Recent Trends In Smart Materials and Applications. The Seminar was organized by the Dept.of Physics, Andhra Loyola College, Vijayawada, on 27 th and 28 th February 2023.
41. **Dr P. Anila , Dept. of Chemistry** presented a Research Paper on Density Functional Theory as a Mathematical Tool for Investigation of Intermolecular Interactions in Chemical Systems) in the UGC /sponsored International Seminar on Advances and Applications in Mathematical Science. The Seminar was organized by the Dept.of Mathematics, Andhra Loyola College, Vijayawada, on 14th to 16th March 2023.
42. **Dr.Y.Subbareddy, Dept. of Chemistry**, presented a paper on “Fabrication of porous surface-activated carbon derived from biomass for the removal of synthetic dyes from wastewater” in “A two day National Conference on Recent Trends in Materials Science (RTMS-2K23) organized by Department of Chemistry, Andhra Loyola College, Vijayawada, India, held on February 13<sup>th</sup> and 14<sup>th</sup> 2023.
43. **Mr. N. Lakshmikanth, Dept. of Electronics** presented an Abstract on the topic “An Intelligent Home Automation System based on the Internet of Things” in the International Conference on “Emerging Trends in Science, Engineering and Technology” (ICESET 2023). The conference was organized by the Dept. of

Electronics, Andhra Loyola College, Vijayawada from 20<sup>th</sup> to 22<sup>nd</sup> February 2023.

44. **Mr. M. George, Dept. of Electronics** presented an Abstract on “SCR Based DC Motor Controlling for Fire Safety Circuit” in the International Conference on “Emerging Trends in Science, Engineering and Technology” (ICESET 2023)..The conference was organized by the Dept. of Electronics, Andhra Loyola College, Vijayawada from 20<sup>th</sup> to 22<sup>nd</sup> February 2023.
45. **Mr. L. Ekambaram, Dept. of Electronics** presented an Abstract on “Optimizing Electric Vehicle Charging and Discharging with Blockchain and Multi-Objective Gray Wolf Algorithm” in the International Conference on “Emerging Trends in Science, Engineering and Technology” (ICESET 2023). The conference was organized by the Dept. of Electronics, Andhra Loyola College, Vijayawada from 20<sup>th</sup> to 22<sup>nd</sup> February 2023.
46. **Mr. A. Kantha Rao, Dept. of Dept. of Electronics** presented a Research Paper on “Customizing Home Appliances Using IoT”, in the International Conference on “Emerging Trends in Science, Engineering and Technology (ICESET 2023).. The conference was organized by the Dept. of Electronics, Andhra Loyola College, Vijayawada from 20<sup>th</sup> to 22<sup>nd</sup> February 2023.
47. **Dr. B. Balaji Bhanu, Dept. of Electronics**, presented an abstract on “Leveraging Digital Disruption with AI and IoT Technologies”, in the International Conference on “Emerging Trends in Science, Engineering and Technology (ICESET 2023). The conference was organized by the Dept. of Electronics, Andhra Loyola College, Vijayawada from 20<sup>th</sup> to 22<sup>nd</sup> February 2023.
48. **Dr. B. Balaji Bhanu, Dept. of Electronics**, presented a Research Paper on “Bluetooth Based Home Automation System Using a Microcontroller”, in the International Conference on “Emerging Trends in Science, Engineering and Technology” (ICESET 2023).The conference was organized by the Dept. of Electronics, Andhra Loyola College, Vijayawada from 20<sup>th</sup> to 22<sup>nd</sup> February 2023.
49. **Dr. B. Balaji Bhanu, Dept. of Electronics**, presented a Research Paper on “Basic Functionalities of Quantum Computing”, in the International Conference

on “Emerging Trends in Science, Engineering and Technology” (ICESET 2023). The conference was organized by the Dept. of Electronics, Andhra Loyola College, Vijayawada from 20<sup>th</sup> to 22<sup>nd</sup> February 2023.

50. **Dr. B. Balaji Bhanu, Dept. of Electronics**, presented a Research Paper on “Pattern Recognition in Mathematical Sequences using Deep Learning”, in the International Conference on “Advances and Applications in Mathematical Sciences”. The conference was organized by the Dept. of Mathematics, Andhra Loyola College, Vijayawada from 14<sup>th</sup> to 16<sup>th</sup> March 2023.
51. **Dr. M. Vijaya Kumar Reddy, Dept. of History**, presented a paper on “Foreign Policy of Nehru” in two day National Seminar on “India’s Development under Nehruvian Era” organized by Depts. of History, Economics and Politics, Andhra Loyola College, Vijayawada from 3<sup>rd</sup> to 4<sup>th</sup> March 2023.
52. **Dr. M. Vijaya Kumar Reddy, Dept. of History**, presented a paper on “Contribution of Vijayanagara Empire in Literature” in the Three-Day International Conference on “Major Issues and Challenges in English and Oriental Languages and Literatures” conducted by Depts. of English and Oriental Languages, Andhra Loyola College, Vijayawada, and Indian Society for Commonwealth Studies, New Delhi from 16<sup>th</sup> Feb 2023 to 18<sup>th</sup> Feb 2023.
53. **Dr.B. Kalyani, Lecturer in History**, presented a Paper on "The Social ideology of Dr.B.R.Ambedkar" , at Two-Day National Seminar on Socio-Political Perspective of Neo-Bhuddhism held on 3rd & 4th March,2022 organized by Mahayana Buddhist Studies Acharya Nagarjuna University, Guntur.
54. **Dr.Bandi.Kalyani, Lecturer in History**, presented a Paper on " The Social Status of Women in Ancient India" at Two-Day National Conference on Women and Society:Identity Resistance & Resilience held on 25th & 26th March,2022, Organized by Dept of Arts Koneru Lakshmaiah Education Foundation, Vaddeswaram, Guntur.
55. **Dr. Poornima Ravinathan Dept. of Political Science** presented a Research Paper on India’s Foreign policy under Nehruvian Era in the Two day National Seminar on India’s Development Under Nehruvian Era. The Seminar was

organized by the Dept. of Social Science, Andhra Loyola College, Vijayawada on 3<sup>rd</sup> and 4<sup>th</sup> March 2023.

56. **Dr. Poornima Ravinathan Dept. of Political Science** presented a Research Paper on Intellectual Property Rights & Challenges Before Higher Education in the Three-day International Conference on A Primer on Intellectual Property Rights. (Emphasis on Computer Ethics). The Seminar / Webinar was organized by the Dept. of Computer Science, Andhra Loyola College, Vijayawada, on 9<sup>th</sup>, 10, 11<sup>th</sup> March 2023.
57. **Dr.A.Madhuri, Mrs.Ch.Varalakshmi, Dept. of MBA** presented a Research Paper on “A Study on Users awareness about Selected Financial Assets with reference to Hyderabad city in the National Conference on Emerging Trends in Business Management -2k23.The Conference organized by the Dept. of \_MBA Andhra Loyola College, Vijayawada on 23<sup>rd</sup>. and 24<sup>th</sup>Feb of 2023.
58. **Dr.A.Madhuri and Mrs. Ch.Varalakshmi, Dept. of MBA** presented a Research Paper on “An Empirical study on Youngsters attitude towards equity investment with reference to Guntur and Krishna Districts ”in the National Conference on Emerging Trends in Business Management -2k23.The Conference organized by the Dept. of \_MBA Andhra Loyola College , Vijayawada on 23<sup>rd</sup>. and 24<sup>th</sup>Feb of 2023.
59. **Dr.M.Shireesha, Dept. of MBA** presented a Research Paper on “Entrepreneurship Vs Employment: Perception of Young Graduates in Vijayawada City” in the National Conference on Emerging Trends in Business Management -2k23.The Conference organized by the Dept. of MBA Andhra Loyola College , Vijayawada on 23<sup>rd</sup>. and 24<sup>th</sup>Feb of 2023.
60. **Dr.M.Shireesha, Dept. of MBA** presented a Research Paper on “A Study on Equity Analysis in Selected Mutual Funds in NSE” in the National Conference on Emerging Trends in Business Management -2k23.The Conference organized by the Dept. of MBA Andhra Loyola College , Vijayawada on 23<sup>rd</sup>. and 24<sup>th</sup>Feb of 2023.
61. **Dr.M.Shireesha, Dept. of MBA** presented a Research Paper on “An Overview on Sustainable Business Practices during Post-Pandemic Business Recovery”in



the UGC Sponsored Two-Day National Conference on Emerging Trends in Business Management -2023. The Conference organized by the Dept. of MBA Andhra Loyola College, Vijayawada on 23<sup>rd</sup> and 24<sup>th</sup> March, 2023.

62. **Dr. T. Jaison Jose, Dept of Chemistry**, presented paper titled “Liquid Crystalline Carborane Diester Molecules: Structure and Ultraviolet Absorption Behavior based on DFT and Semiempirical Methods” in a two day National Seminar on the topic Recent Trends In Material Science on 13<sup>th</sup> and 14<sup>th</sup> February 2023. It was organized by the Department of Chemistry, Andhra Loyola College, Vijayawada.
63. **Dr. T. Jaison Jose, Dept of Chemistry**, presented paper titled “Thermodynamic and Ultraviolet Stabilities of Para-Azoxyanisole: A Nematic Liquid Crystal” in a two day National Seminar on the topic Recent trends in material science from 13<sup>th</sup> and 14<sup>th</sup> February 23. It was organized by the Department of Chemistry, Andhra Loyola College, Vijayawada.

#### **FACULTY DEVELOPMENT PROGRAMMES ATTENDED – 2022-2023**

1. **Mr N Ranga Babu, Department of English** attended a One Week Online Faculty Development Programme on Major Literary Theories from 26.07.2022 to 02.08.2022. It was organized by the Dept. of English, Krishna University
2. **Dr.L.Subha, Department of English**, attended a National Level Faculty Development Programme on “National Education Policy-2020 (NEP) An Overview” on 27.08.2022. It was organized by the Dept. of English, SDMS Mahila Kalasala, Vijayawada.
3. **Dr.L.Subha, Department of English**, attended a 5-Day Online Faculty Development Programme on “Communication Skills for Research Paper Writing and Professional Practices” from 4<sup>th</sup> to 8<sup>th</sup> December 2022. It was organized by the Department of Basic Sciences and Humanities, GMR Institute of Technology, Rajam, Andhra Pradesh.
4. **Dr.L.Subha, Department of English**, attended a One Week Online Faculty Development Programme on Design, Develop and Deliver Online/Blended Learning Courses from 1<sup>st</sup> to 6<sup>th</sup> May 2023. It was organized by National Institute

of Educational Planning and Administration (Deemed to be University), New Delhi.

5. **Dr.T.Sai Mamata, Department of English** attended a One Week Online Faculty Development Programme on Major Literary Theories from 26.07.2022 to 02.08.2022. It was organized by the Dept. of English, Krishna University.
6. **Dr.T.Sai Mamata, Department of English,** attended a National Level Faculty Development Programme on National Education Policy-2020 (NEP) An Overview on 27.08.2022. It was organized by the Dept. of English, SDMS Mahila Kalasala, Vijayawada.
7. **Ms. J.Haripriya, Dept of Mathematics,** attended an Online One Week Faculty Development Program on the topic “Research Opportunities & Funding Agencies” from 27<sup>th</sup> June to 2<sup>nd</sup> July 2022. It was organized by the Dept. of Research & Development Centre, Dept of Mathematics, Krishna University.
8. **Ms. J.Haripriya, Dept of Mathematics,** attended a Online One Week Faculty Development Program on the topic “Emerging Issues & Challenges” from 20<sup>th</sup> to 24<sup>th</sup> June 2022. It was organized by the Dept. of Research & Development Centre, Dept of Mathematics, Krishna University.
9. **Ms. J.Haripriya, Dept of Mathematics,** attended an online One Week Faculty Development Program on the topic “Emerging Issues & Challenges” from 11<sup>th</sup> to 16<sup>th</sup> July 2022. It was organized by the Dept. of Research & Development Centre, Dept of Mathematics, Krishna University
10. **Ms. J.Haripriya, Dept of Mathematics,** attended a Faculty Development Program on the topic “Differential Equations and its Applications” (Online) from 3<sup>rd</sup> to 5<sup>th</sup> February 2023. It was organized by the Dept. of Dept of Mathematics, School of Advanced Sciences, VIT, Chennai.
11. **Dr.G. Sahaya Baskaran Dept of Physics,** attended a State level Faculty Development Program on the topic “National Education Policy – 2020 (NEP) An Overview”. It was organized by the IQAC, SDMS Mahila Kalasala, Vijayawada on 27<sup>th</sup> August 2022.

12. **Dr. M.C. Rao, Department of Physics**, attended a One Week FDP on “Recent Advances on Material Characterizations” organized by Department of Physics, Krishna University, Machilipatnam, from 29.08.2022 to 03.09.2022.
13. **Dr. M. Vijaya Kumar Reddy, Dept. of History**, attended a One Week Online Faculty Development Programme on “Enhancing the Academic and Intellectual Environment in the Higher Educational Institutes” organized by the Dept. of Mathematics, Krishna University, from 11<sup>th</sup> to 16<sup>th</sup> July 2022.
14. **Dr. M. Vijaya Kumar Reddy, Dept. of History**, attended a One Week Online Faculty Development Programme on “Major Literary Theories” organized by Dept. of English, Krishna University from 26<sup>th</sup> July 2022 to 2<sup>nd</sup> August 2022.
15. **Dr. Poornima Ravinathan Dept. of Political Science**, attended a Six Day National Level Faculty Development Program on the topic "Emerging Trends and Technologies in Development of skills in Higher Education" from 21st to 26<sup>th</sup> November 2022. It was organized by the Dept. of English and Zoology, JMJ College for Women, Tenali.
16. **Mr.K.Moses Vandan. Dept. of Agriculture and Rural Development**, attended an International Faculty Development Program on the topic 21<sup>st</sup> Century Skills and Teaching Methodologies organized by the APSCHE and CEMCA from 19<sup>th</sup> to 22<sup>nd</sup> December 2022.
17. **Mr.K.Moses Vandan, Dept. of Agriculture and Rural Development**, attended an online National Faculty Development Program on the topic Design, Develop And Deliver Online/ Blended Learning Courses organized by NIEPA from 1<sup>st</sup> to 6<sup>th</sup> May, 2023.
18. **Mrs. Poornima N, Dept. of Agriculture and Rural Development**, attended an International Faculty Development Program on the topic 21<sup>st</sup> Century Skills and Teaching Methodologies organized by the APSCHE and CEMCA from 19<sup>th</sup> to 22<sup>nd</sup> December 2022.
19. **Mrs. Poornima N, Dept. of Agriculture and Rural Development**, attended an online National Faculty Development Program on the topic Design, Develop And Deliver Online/ Blended Learning Courses organized by NIEPA from 1st to 6th May, 2023.

20. **Mrs.J. Madhuri, Dept. of Agriculture and Rural Development**, attended an International Faculty Development Program on the topic 21<sup>st</sup> Century Skills and Teaching Methodologies organized by the APCSHE and CEMCA from 19<sup>th</sup> to 22<sup>nd</sup> December 2022.
21. **Mrs.J.Madhuri, Dept. of Agriculture and Rural Development**, attended a National Level Faculty Development Program on the topic Design, Develop And Deliver Online/ Blended Learning Courses organized by NIEPA from 1<sup>st</sup> to 6<sup>th</sup> May, 2023.
22. **Dr. K. Ramya Krishna, Dept. of Agriculture and Rural Development**, attended a Faculty Development Programme on 21<sup>st</sup> Century Skills & Teaching Methodologies organized by the APSCHE in collaboration with CEMCA on 19<sup>th</sup> to 22<sup>nd</sup> December 2022 in Andhra Loyola College, Vijayawada.
23. **Dr. B. Balaji Bhanu, Dept. of Electronics**, attended a One Week Workshop on “Industrial Approach to Internet of Things and Its Research Challenges”, from 8<sup>th</sup> to 14<sup>th</sup> February 2023. It was organized by the School of Electronics Engineering at VIT-AP University, Amaravati, technically sponsored by VI Solutions, Bangalore and IETE Vijayawada Centre.
24. **Dr. B. Balaji Bhanu, Dept. of Electronics**, attended a 5-day FDP on “Deep Learning in Computer Vision: An End-to-End Pipeline” from 27/12/2022 to 31/12/2022. It was organized by the Department of ECE, VR Siddhartha Engineering College, Vijayawada.
25. **Dr. B. Balaji Bhanu, Dept. of Electronics**, attended and successfully completed the AICTE Training and Learning (ATAL) Academy Blended / Hybrid FDP on "Internet Of Things Based Green Energy Technologies" from 17<sup>th</sup> to 25<sup>th</sup> October 2022. It was organized by Lakireddy Bali Reddy College of Engineering, Mylavaram.
26. **Dr. B. Balaji Bhanu, Dept. of Electronics**, attended a National level FDP on “VLSI Devices and Circuits for AI Applications” organized by Dr. APJ Abdul Kalam Research Forum, from 19<sup>th</sup> to 23<sup>rd</sup> September 2022. It was organized by the Dept. of Electronics and Communication Engineering, ALIET, in association

with National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.

27. **Dr. B. Balaji Bhanu, Dept. of Electronics**, attended a National level FDP on “Artificial Intelligence and Robotic Process Automation” from 12th to 17th September 2022. It was organized by the Dept. of Electronics and Computer Engineering, KL Deemed to be University.
28. **Ms. Peddiboina Lalitha, Dept of Visual Communication** and Electronic Media, attended a Week Online National Faculty Development Program on the topic Emerging Dimensions in Law from 9<sup>th</sup> to 16<sup>th</sup> January 2023. It was organized by the Guru Angad Dev Teaching Learning Centre, of the Ministry of Education under PMMMNT, Sri Guru Tegh Bahadur Khalsa College University of Delhi.
29. **Ms. K.Durga Pavani, Dept of BBA**, attended a Faculty Development Program on the topic Research opportunities and funding agencies from 27-06-2022 to 02-07-2022. It was organized by the Dept. of Commerce and Management, Krishna University, from 27-06-2022 to 02-07-2022.
30. **Mr.P. Naveen, Ms. T Vaishnavi, Ms Asha Begum, Mrs N Aparna & Ms Indira Priyadarshini, Dept of Logistics** attended an online National Faculty Development Program on the topic Pedagogy for Logistics, Ecommerce Operations & Agri Storage from 14<sup>th</sup> to 17<sup>th</sup> March 2023. It was organized by the Logistics sector Skill Council (LSC), Chennai.

#### **SEMINARS/WEBINARS/WORKSHOPS/REFRESHER COURSES ATTENDED**

1. **Dr. K. Sekhar, H.o.D., Oriental Languages**, attended an International Seminar on the topic 5<sup>th</sup> World Telugu Writers Congress on 23<sup>rd</sup> and 24<sup>th</sup> December 2022. It was organized by the Krishna District Writers Association, Vijayawada.
2. **Mr N Ranga Babu, Department of English**, attended a One-Day National Level Workshop on Skill Development in Translation Studies and Creative Writing. It was organized by the Department of English in association with the ELT Center, Andhra Loyola College, Vijayawada, on 14.11.2023.

3. **Dr.L.Subha, Department of English**, attended one-day virtual Seminar on “Teacher Identity- Reweaving the English Classroom” on 30.08.2022. It was organized by the Department of M&H, MGIT, Hyderabad
4. **Dr.L.Subha, Department of English**, attended a One-Day National Level Workshop on “Skill Development in Translation Studies and Creative Writing”. It was organized by the Department of English in association with the ELT Center, Andhra Loyola College, Vijayawada, on 14.11.2022.
5. **Dr.L.Subha, Department of English**, attended an Inter-disciplinary Six-Day National Webinar cum Faculty Development Programme on “Emerging Trends and Technologies in Development of Skills in Higher Education” from 21.11.2022 to 26.11.2022. It was organized by the Department of English and Zoology, JMJ College for Women (Autonomous), Tenali.
6. **Dr T Sai Mamata, Department of English**, attended a one-day Online Workshop on Academic Bank of Credits on 22.06.2022. It was organized by the UGC-Human Resource Development Centre, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat.
7. **Dr T Sai Mamata, Department of English**, attended a one-day Online Workshop on Multi-Entry and Exit System on 23.06.2022. It was organized by the UGC-Human Resource Development Centre, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat.
8. **Dr T Sai Mamata, Department of English**, attended a one-day Online Workshop on Educational Framework for Global Citizenship in Higher Education on 24.06.2022.. It was organized by the UGC-Human Resource Development Centre, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat.
9. **Dr T Sai Mamata, Department of English**, attended a one-day Online Workshop on Internationalisation of Higher Education on 27.06.2022.. It was organized by the UGC-Human Resource Development Centre, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat.

10. **Dr T Sai Mamata, Department of English**, attended a one-day National Webinar on Eco Feminism in Contemporary Literature on 11.08.2022. It was organized by the Department of English, SGK Government Degree College, Vinukonda.
11. **Dr T Sai Mamata, Department of English**, attended a one-day virtual Seminar on Teacher Identity - Reweaving the English Classroom on 30.08.2022. It was organized by the Department of M&H, MGIT, Hyderabad
12. **Dr T Sai Mamata, Department of English**, attended a One-Day National Level Workshop on Skill Development in Translation Studies and Creative Writing. It was organized by the Department of English in association with the ELT Center, Andhra Loyola College, Vijayawada, on 14.11.2023.
13. **Dr T Sai Mamata, Department of English**, attended an Inter-disciplinary Six-Day National Webinar cum Faculty Development Programme on Emerging Trends and Technologies in Development of Skills in Higher Education from 21.11.2022 to 26.11.2022. It was organized by the Department of English and Zoology, JMJ College for Women (Autonomous), Tenali.
14. **Snehal Vimal Shukla, Dept. of Hindi**, attended an U.G.C. Sponsored National Seminar on “Anisetty –Pinisetty Sahityam – Samajika Drukkonam” organized by the Department of Oriental Languages, Acharya Nagarjuna University, Guntur, on 24<sup>th</sup> and 25<sup>th</sup> March, 2023
15. **Dr. M. Vijaya Kumar Reddy, Dept. of History**, attended a One-Day National Level Workshop on Skill Development in Translation Studies and Creative Writing. It was organized by the Department of English in association with the ELT Center, Andhra Loyola College, Vijayawada, on 14.11.2023.
16. **Dr. M. Vijaya Kumar Reddy, Dept. of History**, attended a one week workshop on “Prominence of Speaking and Presentation Skills” organized by “Writer’s Voice” from 20<sup>th</sup> August 2022 to 3<sup>rd</sup> September 2022.

17. **Dr. M. Vijaya Kumar Reddy, Dept. of History**, attended a National Webinar on “Eco-Feminism in Contemporary Literature” organized by the Dept. of English on 11<sup>th</sup> August. 2022.
18. **Dr.B.Kalyani Dept of History**, attended a Two-day UGC Sponsored National Conference on Redesigning of Academic Management in HEIs with Perspective of New Educational Policy-2020 (RAMH-2020) on 30th and 31st March, 2022, organized by the IQAC, PVKN Govt College (Autonomous), Chittoor.
19. **Dr.B.Kalyani, Dept of History**, attended a Three-Day National Level Virtual Workshop on “Multi-Disciplinary Approaches In History” from 13<sup>th</sup> to 15th October 2022 organized by the Department of Arts, KLEF.
20. **Dr. Poornima Ravinathan, Dept. of Political Science**, attended a two day National Seminar on "Breaking the Barriers and Women: Achievements and Challenges" on 16<sup>th</sup> March & 17<sup>th</sup> March 2023. It was organized by the Dept. of Political Science and IQAC, S.R Fatepuria College. West Bengal.
21. **Dr.P.Venu Gopala Rao, Dept. of Mathematics**, attended a Two-day Workshop on Curriculum Development for 4<sup>th</sup> year of 4-year UG Honours Programmes, conducted by Andhra Pradesh State Council of Higher Education in association with Andhra Loyola College, on 10<sup>th</sup> and 11<sup>th</sup> March 2023.
22. **Ms J.Haripriya , Dept of Mathematics** attended a National Webinar on the topic Research Methodology on 18<sup>th</sup> & 19<sup>th</sup> November 2022. It was organized by the Dept. of Physical Sciences, Life Sciences and Commerce in Association with IQAC, Sir C.R. Reddy College for women, Eluru.
23. **Ms.J.Haripriya, Dept of Mathematics**, attended an International Conference on Advances and Applications in Mathematical Sciences from 14<sup>th</sup> to 16th March 2023. It was organized by the Dept. of Mathematics, Andhra Loyola College, Vijayawada.
24. **Ms. G. Mary Joshna Dept of Mathematics**, attended an International Webinar on the topic “MAT Lab - An Over View” on 20/09/2022. It was organized by the



Dept. of Mathematics and Computer Science, DNR Govt. Degree College, Palakollu.

25. **Ms. G. Mary Joshna Dept of Mathematics**, attended a National Webinar on the topic “Research Methodology” on 18/11/2022 & 19/11/2022. It was organized by the Dept. of Physical sciences, Life Sciences, and Commerce, Sir CR Reddy College for Women, Eluru, A.P.
26. **Mr. K.M.Nagarjuna, Dept. of Statistics** attended a One Day National Webinar on “Applications of Mathematical Sciences” organized by the Departments of Mathematics and Statistics, St. Joseph’s College for Women” in collaboration with UASMS & SMSMS on 29<sup>th</sup> June, 2022.
27. **Mr. K.M.Nagarjuna, Dept. of Statistics** attended a National Webinar on “Scope of Big-Data Analytics in Agriculture and allied sectors” organized by the Department of Statistics and Computer Applications, S.V. Agricultural College, Tirupati, on 26<sup>th</sup> Aug. 2022.
28. **Mr. K.M.Nagarjuna, Dept. of Statistics** attended a One Day International Webinar on “Current State of Economics and Career Prospects of Young Mind” organized by the “Department of Statistics, Central University of Rajasthan in association with Research Club on 12<sup>th</sup> September 2022.
29. **Mr. K.M.Nagarjuna, Department of Statistics**, attended an International Workshop on “Integrated Approaches of Stochastic Modelling and Data Science for Sustainable Development” organized jointly by the Department of Statistics and Indian Society for Probability & Statistics (ISPS), S.V.University, Tirupati, from 7<sup>th</sup> to 11<sup>th</sup> September 2022
30. **Dr. M.C. Rao, Department of Physics**, attended an International Seminar on Advanced Materials and Applications (ISAMA 2022) at The M.S. University of Baroda, Vadodara, on 18th July, 2022.
31. **Dr.D.Bala, Department of Chemistry**, attended a National Seminar on the topic Green technologies for sustainable environment from 22/03/2022 to 24/03/2022.

It was organized by the Department of Chemistry, Andhra Loyola College, Vijayawada.

32. **Dr. D. Bala, Department of Chemistry** attended National Conference on Recent Trends in Material Science from 13/02/2023 to 14/02/2023. It was organized by the Department of Chemistry, Andhra Loyola College, Vijayawada.
33. **Ms.P.Lalitha Dept. of Visual Communication and Electronic Media**, attended a Webinar on the topic Experiential Learning as Envisaged in NEP-2020 on 19<sup>th</sup> June 2022. It was organized by the Dept. of Guru Angad Dev Teaching Learning Centre A center of the Ministry of Education under PMMMNMT, Sri Guru Tegh Bahadur Khalsa College University of Delhi.
34. **Ms.P.Lalitha, Dept of Visual Communication and Electronic Media**, attended Workshop on the topic Role of Print and Electronic Media for Science Popularization in Andhra Pradesh and Telangana from 28<sup>th</sup> to 29 October 2022. It was organized by the Dept. of Journalism and Mass Communication, Acharya Nagarjuna University.
35. **Mr. Hemanth Challa Dept. of Visual Communication and Electronic Media**, attended a Webinar on the topic Experiential Learning as Envisaged in NEP-2020 on 19<sup>th</sup> June 2022. It was organized by the Dept. of Guru Angad Dev Teaching Learning Centre A centre of the Ministry of Education under PMMMNMT, Sri Guru Tegh Bahadur Khalsa College University of Delhi.
36. **Mr. Hemanth Challa, Dept of Visual Communication and Electronic Media**, attended a Workshop on the topic Role of Print and Electronic Media for Science Popularization in Andhra Pradesh and Telangana from 28<sup>th</sup> to 29 October 2022. It was organized by the Dept. of Journalism and Mass Communication, Acharya Nagarjuna University.
37. **Mr.M Elisha, Dept. of Visual Communication and Electronic Media**, attended a Webinar on the topic Experiential Learning as Envisaged in NEP-2020 on 19<sup>th</sup> June 2022. It was organized by the Dept. of Guru Angad Dev Teaching

Learning Centre - A Centre of the Ministry of Education under PMMMNMT, Sri Guru Tegh Bahadur Khalsa College University of Delhi.

38. **Mr.M Elisha, Dept. of Visual Communication and Electronic Media**, attended Workshop on the topic Role of Print and Electronic Media for Science Popularization in Andhra Pradesh and Telangana from 28<sup>th</sup> to 29 October 2022. It was organized by the Dept. of Journalism and Mass Communication, Acharya Nagarjuna University.
39. **Ms K.Durga Pavani, Dept of BBA** attended a Workshop on the topic Research Writings and Ethics from 28-06-2022 to 05-07-2022. It was organized by the Dept. of Accounting & finance & Corporate Secretaryship, Patrician College of Arts and Sciences.
40. **Dr. T. Jaison Jose, Dept of Chemistry**, attended a Webinar on the topic Greener Living: Sustainable Energy on 19/11/2022. It was organized by the Department of Chemistry, P.B.Siddhartha College of Arts & Science, (Autonomous), Vijayawada.

#### **SEMINARS AND WORKSHOPS ORGANIZED BY THE DEPARTMENTS:**

1. The Department of **Agriculture and Rural Development** organized a Two-Day National Conference on **Millets – Super Food for Generations** in connection with the International Year of Millets 2023 on 17<sup>th</sup> & 18<sup>th</sup> March 2023. Prof. Dr. Rakesh Mohan Joshi is the Chief Guest at the Inaugural. Shri. MCV Prasad, Agri Entrepreneur, Founder of Prakurthivanam and Shri. Gade Ashok Reddy, CEO, Chirumamilla, Farmer Producer Co.Ltd., delivered the Key Note Address on 17<sup>th</sup> March. Dr. M. Sunil Kumar, Associate Professor, Department of Agronomy, Agriculture College, Bapatla and Dr.B.S.Siddharth Naik, Young Scientist, Organic Farming and Sustainable Agriculture, Bapatla, ANGRAU, delivered the Key Note Address on 18<sup>th</sup> March. About 15 Delegates including Faculty and Research Scholars and 300 Students from different Disciplines including from Agri Supply Chain Management and Hotel Management of our College attended the Conference. The participants made six oral presentations in the Conference. All the Officials of the College were present at the inaugural.

Rev.Fr.Correspondent, Rev.Fr.Controller of Exams and Sri.G.M.Srirangam, Coordinator, Collaborative Programmes, were present at the Valedictory Session held on 18<sup>th</sup> March 2023. All the Participants were presented with the Certificates of Participation. Dr.K.Ramya Krishna, H.o.D., Agriculture and Rural Development, acted as the Organizing Secretary.

2. The Departments of **BBA and MBA** jointly organized a Two-Day National Conference on “Emerging Trends in Business Management on 23<sup>rd</sup> and 24<sup>th</sup> February, 2023. Sri.A.R.K.Chowdary, Director-Finance, Kusalava International Ltd. is the Chief Guest at the Inaugural held on 23-02-2023. Prof.Dr.Rajesh Jampala, P.B.Siddardha College, Vijayawada, delivered the Keynote Address. About 250 Delegates including Faculty Members, Research Scholars as well as Students from different Colleges and Universities across the country along with the Faculty and Students of both the BBA and MBA Departments of the host College attended the Conference. The participants presented 30 Research Papers in the Conference. All the Officials of the College were present at the inaugural. Sri.P.Raju, AGM, BSNL, is the Chief Guest at the Valedictory Session held on 24-02-2023. All the Participants were presented with the Certificates of Participation. Dr.A.Madhuri and Mrs.Uma, Faculty of the Dept. of MBA and BBA respectively acted as the Organizing Secretaries.
3. The Department of **Chemistry** in association with the Department of Chemistry ALIET, Vijayawada, organized a Two day National Seminar on Recent Trends in Materials Science on 13<sup>th</sup> and 14<sup>th</sup> February, 2023. Prof.Dr G. Ranga Rao, Dept. of Chemistry, IIT, Madras, the Chief Guest at the Inaugural delivered the Key Note Address. About 200 Delegates including Faculty Members, Research Scholars, Students from different Colleges and Universities across the country along with the Faculty Members and Students of the Chemistry Department of the host College attended the event. The participants presented 56 Research Papers in the Seminar. Rev.Fr.Principal welcomed the participants while Rev Correspondent extended the Greetings. Mr. P. Prem Kumar, IRS, Commissioner of Income Tax, was the Chief Guest at the Valedictory Session held on 14/02/2023. All the Participants were presented with the Certificates of

Participation. Dr.P.Anila, and Dr. G.V. Ramana, Faculty of the Dept. of Chemistry, acted as the Seminar's Organizing Secretary and the Convener respectively.

4. The Department of **English in association with the ELT Centre** organized a Seminar on 'Enhancing Career Opportunities and Communication Skills through E-News Paper Reading' on 27.10.2022. Sri. D. Chakrapani, Retired IAS officer, the Resource Person delivered the lecture. Dr./Mr./Ms. The Vice-Principals, Rev. Fr. I. Lourduraj, SJ, Rev.Fr.Anil Kumar, SJ, Rev.Fr.Y.T.Prabhu, SJ, Mr N Ranga Babu, H.o.D., English, Mr D Praveen, Lecturer in English, Dr B Raju, Dean of Arts as well as the Faculty of the Department were present at the lecture.
5. The Department of **English and Oriental Languages** in collaboration with Indian Society for Common Wealth Studies organized a Three-Day International Conference on "Major Issues and Challenges in English and Oriental Languages and Literature" from 16.02.2023 to 18.02.2023. Prof. Raja Shekar Patteti, Vice-Chancellor, Acharya Nagarjuna University, was the Chief Guest at the inaugural. Prof R.K. Dhawan, President, Dr Suman Bala, Secretary, Indian Society for Commonwealth Studies, Dr Babli Gupta, University of Delhi, Ms Roswitha Joshi, a German Writer and Ms Halimah Mohammed Ali, Universiti Sains Malaysia and Manisa Celal Bayar University were the Resource Persons. About 250 delegates including Faculty Members, Research Scholars, students from different Colleges and Universities across the country along with the Faculty and Students of the host Departments attended the Conference. More than 148 participants presented their Research Papers on various themes related to Language and Literature in the Conference. Rev.Fr. Principal, welcomed the participants, while Rev.Fr. Correspondent, extended the Greetings. Prof R.K. Dhawan, President, Dr Suman Bala, Secretary, Indian Society for Commonwealth Studies, Dr Babli Gupta, University of Delhi, Ms Roswitha Joshi, a German Writer, were the Chief Guests at the Valedictory Session held on 18.02.2023. All the Participants were presented with the Certificates of Participation. Dr B Raju, Lecturer in English and Mr N Ranga Babu, H.o.D.,

English acted as the Conference's Organizing Secretary and the Convener respectively.

6. The Department of **English** organized a One-Day Workshop on "Skill Development in Translational Studies and Creative Writing" on 14.11.2022. Dr M.C.Das, Management Consultant and the Former H.o.D., Commerce, Creative Writer, Dr K.Job Sudarshan, the Former H.o.D., Value Education and Sri N Eswar Prasad, Correspondent, Kennedy International School, Creative Writer and Blogger were the Resource Persons for this workshop. All the students of Literature and Psychology disciplines of the College, Faculty and students from various institutions attended the Workshop. Rev.Fr.Principal welcomed the participants, while Rev.Fr.Correspondent extended the Greetings. All the Participants were presented with the Certificates of Participation. Mr N Ranga Babu, H.o.D., English, acted as the Organizing Secretary for the Workshop
7. The Department of **Mathematics** organized an International Conference on Advances and Applications in Mathematical Sciences from 14<sup>th</sup> to 16<sup>th</sup> March 2023. Prof. K.Gangadhara Rao, Principal, University College of Sciences, Acharya Nagarjuna University, was the Chief Guest and Prof. D.B.Ratnakar, Sr.Director (Research & Publications) Genovasi University, Kuala Lumpur, Malaysia, was the Guest of Honour at the Inaugural of the Conference. Dr. T. Pathinathan, Principal, Loyola College, Vettavalam, Tamilnadu, delivered the Keynote Address. Dr.V.Maheswara Rao, Dept. of Mathematics, University of Technology and Applied Sciences, Sohar, Sultanate of Oman, delivered the Inaugural Address. About 180 Delegates including Faculty Members, Research Scholars, Students from different Colleges and Universities across the country along with the Faculty and Students of the host Department attended the Conference. The participants presented 35 Research Papers in the Conference. Rev.Fr.Principal welcomed the participants while Rev.Fr.Rector, Rev.Fr.Correspondent extended Greetings. Prof. S. Ravi Kumar of Mathematics, Andhra University, Visakhapatnam, and Dr.M.J.Subhakar, H.o.D., Mathematics, Noble College, Machilipatnam, were the Chief Guest and the Guest of Honour respectively at the Valedictory Session held on 16.03.2023. All the Participants

were presented with the Certificates of Participation. Dr. P.Venu Gopala Rao, H.o.D., Mathematics, acted as the Convener of the Conference.

8. The Department of Mathematics organized a Workshop on Preparation of Research Papers on 23-11-2022. Dr. N.V.Ramana Murty, Reader (Rtd.), Dept. of Mathematics, Andhra Loyola College, was the Resource Person. About 30 participants including Faculty of the Department attended the workshop. Dr. P.Venu Gopala Rao, H.o.D., Mathematics acted as the Workshop's Convener.
9. The Department of **Political Science in association with the Departments of History and Economics** organized a Two day Seminar on India's Development Under Nehruvian Era on 3<sup>rd</sup> and 4<sup>th</sup> March 2023. Prof. K.S.Lakshman Rao, MLC, and Prof. V. Anji Reddy from Acharya Nagarjuna University are the Chief Guest and the Guest of Honour respectively at the Inaugural. Prof. G.Omkarnath, School of Economics, Hyderabad Central University, delivered the Key Note Address. About 70 Delegates including Faculty Members, Research Scholars, Students from different Colleges and Universities across the country along with the Faculty of the host Department attended the Seminar. The participants presented 35 Research Papers in the Seminar. Rev.Fr.Principal welcomed the participants while Rev.Fr. Correspondent, extended Greetings. Prof.Dr.E. Venkatesu, Department of Political Science, Hyderabad Central University, is the Guest of Honour at the Valedictory Session held on 4<sup>th</sup> March 2023. All the Participants were presented with the Certificates of Participation. Dr. Movva Srinivasa Reddy, Dr.B.Baby Rani, Dr.A.Samuel Dayakar, Heads of History, Economics and Political Science Departments respectively acted as the Conveners of the Seminar.
10. The Department of **Visual Communication and Electronic Media** in collaboration with the Bharti Institute of Public Policy, Indian School of Business, organized a Seminar on Data Journalism, Access, and Visualisation of Data using the India Data Portal on 24 September 2022. Ms. Deepti Soni, Senior Consultant, IDP Communications and Research, and Mr. M Soma Sekhar Consultant, ISB, are the Chief Guest and the Guest of Honour at the Inaugural.

Rev. Fr. Louduraj Vice Principal welcomed the participants while Rev. Fr. Rayappa extended Greetings. All the Participants were presented with the Certificates of Participation. Mr. M.Elisha, Faculty of Visual Communication and Electronic Media Department acted as the Seminar's Organizing Convener.

11. The Department of **Visual Communication and Electronic Media** in collaboration with Canon India organized a Workshop on Photography on 29 August 2022. Mr Shaik Parveez Hussain is the Chief Guest at the Inaugural. Mr. Hemanth Challa, Dept. of Visual Communication and Electronic Media, acted as the Workshop Organizing Secretary / Convener.
12. The Department of **Electronics** in association with Society for Learning Technologies organised a three-day International Conference on "Emerging Trends in Science, Engineering and Technology (ICESET-2023)" from 20<sup>th</sup> to 22<sup>nd</sup> February 2023. Mr. Gopi Raja, CEO of Fopple Technologies was the Chief Guest for the inaugural session. Prof. Dr. Perugu Shyam, NIT, Warangal, delivered the Key Note Address on the topic "Impact of Sensors in Agriculture and Disease Prediction". All the Officials of the College were present at the inaugural of the Conference. About 187 Delegates including Faculty Members, Research Scholars, Students from different Colleges and Universities across the world including from USA, UK and Canada attended the Conference. The participants presented 46 Research Papers in the Conference which are published in the International Journal for Innovative Engineering and Management Research, an Elsevier SSRN indexed journal and also as Proceedings with an ISBN No. The Day 2 session started with a talk by Dr. Gopi Vinod Avvari, Independent Consultant for Start-ups in the bay area, California, USA. on "Challenges in taking deep learning models to reality" followed by Dr. S. Krishna Anand, Professor, Dept. of Artificial Intelligence, Anurag University, Hyderabad on "Incorporating Green Values for Data Server Optimization". The third day session had Dr. Syed Ziaur Rahman, Head - Faculty of Information Technology, Majan University College, Affiliated to University of Bedfordshire, United Kingdom, Sultanate of Oman, delivering a talk on "Artificial Intelligence: Between Myth and Reality in 21st Century" followed by Dr S Parvathi



Vallabhaneni, Assistant Professor, Department of Information Technology, PVP Siddhartha Institute of Technology, Kanuru, on “Combating Cybersecurity using Artificial Intelligence”. Dr. B. Balaji Bhanu, Head, Department of Electronics acted as the International Conference Organizing Secretary.

13. The Department of **Physics** in association with the Indian Association of Physics Teachers (IAPT) organized a National Conference on “Recent Trends in Smart Materials & Applications” on 27<sup>th</sup> & 28<sup>th</sup> February 2023. Prof. K. Rama Mohan Rao, Vice-Chairman, Andhra Pradesh State Council of Higher Education and Incharge Vice-Chancellor of Krishna University is the Chief Guest at the Inaugural. Prof. C.K.Jaya Sankar, Dept. of Physics, S.V.University, Tirupathi, delivered the Key Note Address. About 400 Delegates including Faculty Members, Research Scholars, Students from different Colleges and Universities across the country along with the Faculty and Students of the host Department attended the Conference. The participants presented around 20 Research Papers in the Seminar. Prof.D.V.Harihara Venkataraman, Department of Physics, BITS, Pilani, Hyderabad, is the Chief Guest at the Valedictory Session held on 28<sup>th</sup> February 2023. All the Participants were presented with certificates of Participation.