

# **Dr. MANORANJANI MEDIKONDA**

**Vice-Principal, Associate Professor & Head  
Department of Chemistry  
P.B.Siddhartha College of Arts & Science  
Siddhartha Nagar, Vijayawada – 520 010.**



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**Researcher ID AHC 4595-2022**

# RESUME

1. Name in full : **Dr. MANORANJANI MEDIKONDA**
2. Designation : Vice-Principal, Associate Professor & Head, PG & UG Department of Chemistry  
P.B.Siddhartha College of Arts & Science  
Siddhartha Nagar, Vijayawada – 520 010.
3. Date of Birth : 22-07-1970
4. Sex : Female
5. Nationality : Indian
6. Address for Communication : # 54-19-51,  
Jayaprakash Nagar, 1<sup>st</sup> line, Beside LIC  
Colony, Vijayawada – 520 008.
7. Contact Information : Mobile No: 98660 46499  
E-mail : [drmanoranjani@gmail.com](mailto:drmanoranjani@gmail.com)  
**Scopus author ID** 57194020727  
**Orcid ID** 0000-0002-0634-4309.
8. Academic Qualifications : M.Sc; M.Phil; Ph.D

Course	Board / University	Specialization / Group	Year of Passing	Percentage of Marks
Matriculation	Andhra University, AP	Biology	1984	75.4%
Intermediate	Board of Intermediate Education, AP	Bi.P.C.	1986	80.0%
B.Sc.	Nagarjuna University, AP	C.B.Z (Chemistry Main)	1989	73.6%
M.Sc.	Devi Ahilya University, Indore, MP	Organic Chemistry	1991	62.5%
M.Phil.	Devi Ahilya University, Indore, MP	Organic Chemistry	1992	87.2%
Ph.D.	Vikram University, Ujjain, MP.	Organic Chemistry	1997	Awarded

- ▶ M.Phil. Thesis Title : “ A Topological study of Alkyl Benzohydroxamates”  
▶ Ph.D. Thesis Title : “Chemical Investigation of Medicinally Important Plants”.

## Teaching Experience ;

### Research:

1. **Guideship:** Recognized as a research Supervisor by Dept of Chemistry, Acharya Nagarjuna university Nambur, Krishna university, Machilipatnam

**2. M.Phils : Awarded : 3**  
**Submitted : Nil**

**Research Guidance – M.Phil & Ph.d Degrees Awarded**

S.No.	Name of the Scholar	Topic	Specialisation	Year of award	University
1	M.Kamala Karuna	Development of extractive UV-Visible spectrophotometric methods for the quantitative estimation of drugs in formulation	Organic	<b>M.Phil,</b> March-2013	Acharya Nagarjuna University
2	T.Bhagya Kumar	Development and Validation of analytical procedures for the estimation of Quetiapine and Valsartan through spectrophotometric and new RP-HPLC methods	Organic	<b>M.Phil,</b> May – 2013	Acharya Nagarjuna University
3	D.Anitha	Development and Validation of a simple UV-Spectrophotometric and stability indicating reverse phase HPLC Chromatographic methods for Olmesartan in pure and Commercial formulations	Organic	<b>M.Phil,</b> June 2017	Acharya Nagarjuna University
4	T.Bhagya Kumar Ph.D	Organocatalytic Synthesis of Amides from aldehydes through p-nitro phenol ester activation and Purification free and Chemoselective Acylation Nucleophilic N heterocycles using Oxyma and Benzotriazole Activations	Organic	<b>Ph.D,</b> Jan- 8 <sup>th</sup> 2021	Acharya Nagarjuna University
5	D.Anitha	Development Of New Robus tRP-HPLC Process for the estimation and validation of single and Multicomponent formulations	Organic	<b>Ph.D</b> <b>Oct 31<sup>st</sup></b> <b>2022</b>	Acharya Nagarjuna University

**3. Ph.D : Awarded – 2,**  
**3 scholars** working at present

**4. Student Projects : Guided several student projects**

**5. Minor Research Project : nil**

**6. Awards/Rewards/Recognition :**

1. Cash prize for best paper presentation in Chemistry, in MP Young Scientist Congress, 1997, held in Guru Ghasidas University, Bilaspur, MP, by M.P Council of Science and Technology, Bhopal, MP
2. Recognized as Associate Fellow, AP Academy of Sciences, Amaravathi, Guntur 2019,
3. Best Women faculty award on the eve of International Womens day by UGC Studies centre, KBN college Vijayawada 2020.
4. Certified digital teacher by ICT Academy.

**Teaching Experience:** Total- 25 years

**Administration Experience:**

**Vice-Principal(Admn)** since July, 2017 onwards

Served as a pioneer in the establishment of PG Dept of chemistry

**HOD** - PG Dept. of chemistry.

**HOD** - Both UG &PG Dept of chemistry from academic year 2016 onwards.

**a) Commitees served in the college:**

1. Member executive council, PBS college
2. Member IQAC, PB Siddhartha college of Arts and Science, Vijayawada.
3. Convenor criterion III,NAAC
4. Former Member, UGC cell, Siddhartha college ,Vijayawada
5. Former Vice- President Faculty forum, Siddhartha college ,Vijayawada 2017-18
6. Member planning and Evaluation commitee Siddhartha college, Vijayawada-2016
7. Member Discipline committee, Siddhartha college, Vijayawada
8. Anti- ragging squad Siddhartha college, Vijayaawada
9. Member Special fee advisory committee 2017-18
10. Former member Library committee
11. Vice – President, Research promotion cell
12. Former Convenor IPR cell
13. Member malpractice enquiry committee.
14. Member internal assessment committee.
15. Member, Best teacher award committee.2021
16. Coordinator Autonomy Review committee 2022
17. Vice president Student council.2022.

**b) Memberships in Academic bodies:**

**I - Board of Studies:**

1. Former Member, Board of studies, Dept of chemistry, Maris Stella College, Vijayawada, 2013 -15.
2. Former Subject expert BOS, Dept of chemistry, JMJ college, Tenali.2016-2018

3. Former BOS, Member, Dept of chemistry, Krishna University, Machilipatnam, .2016-2018.
4. Chairman BOS, PG Dept of chemistry, PB Siddhartha college of Arts and Science Vijayawada.2017 onwards
5. Subject expert, BOS, St.theresa college, Eluru.2019-2021
6. Subject expert, BOS,SRR College &CVR Govt Degree college 2022 to
7. University nominee, BOS, St.theresa college, Eluru.2022-2023 onwards

## **II - Research committee:**

Former-Internal senior Faculty member, Faculty research committee (FRC), Krishna University, Vijayawada, 2013-2015.

## **III - Admissions committee:**

Member, **MCET AC, Association of Private Medical colleges** admissions committee, AP, 2016 -17

## ***Membership in professional bodies***

Life member of chemistry teachers association - **Membership No:2064**

Life member Indian science congress association - **Membership No :L35229**

Life member Andhra Pradesh Academi of Sciences, Amaravathi Guntur :**751**

## **Academic Activities:**

### **I - Guest Lectures:**

- 1.) A guest lecture on "**Green Chemistry and its Applications**", organized by Dept of chemistry, Maris Stella College, Vijayawada, Nov 22<sup>nd</sup> , 2009.
- 2.) A guest lecture on "**Green chemistry and its importance in day to day life**", organized by Dept of chemistry,SDM Siddartha Mahila Kalasala,Vijayawada on 9<sup>th</sup> Jan ,2012.
- 3) Delivered an invited talk on "**Need for Women Empowerment in India**" organized by women empowerment cell ,Govt Degree college Avanigadda, on 11<sup>th</sup> July, 2015.
- 4) A guest lecture on **Pericyclic reactions** on 9<sup>th</sup> Jan, 2016, organized by Dept of Chem, Govt Degree college Avanigadda.
- 5). A guest lecture on **Green Chemistry and its Applications**", organized by Dept of chemistry, A.G & S.G. Siddhartha Degree College of Arts & Science, Vuyyuru.on 23<sup>rd</sup> September,2017 college ,Vuyyuiru

## ***II - Faculty Development Programmes:***

1. Participated in a UGC sponsored one day state level FDP on Practicals of green chemistry Cluster on 6<sup>th</sup> Jan 2018.

2. Participated in a Two day faculty development programme on 29<sup>th</sup> Nov 2017 clusters at SRR and CVR college Vijayawada.
3. Participated in a One day faculty development programme on 29<sup>th</sup> April 2019, on Intellectual property rights (IPRs) and innovation organized by dept of Business Administration and in association with IQAC, PVP Siddhartha institute of Technology, Kanuru.
4. Participated in a One week faculty development programme on Moodle: Open source learning management system organized by E&ICT academy IIT Guwahati held from 10-14 June, 2019 in association with P B Siddhartha college of arts and Science, Vijayawada and support from Techvictus consultancy services pvt ltd`
5. Participated in a One week faculty development programme on "Utilization Of Cutting Edge Instrumental Techniques In Drug And Development" during 25<sup>th</sup> July to 1<sup>st</sup> August 2023 organised by Department of Pharmaceutical Analysis, KVSRS Scops Vijayawada

### **III - Invited Talks: Resource Person**

1. Acted as resource person for two day faculty development programme on 29<sup>th</sup> Nov 2017 clusters at SRR and CVR college Vijayawada

2. A resource person for webinar on Retrosynthetic approach in Gudivada ANR college 16<sup>th</sup>, 17<sup>th</sup> Feb 2022

### **IV - Extension Activities:**

- I – Observer** : UGC- NET, NEET & JEE conducted by CBSE, ULB exam
- II – Practical Examiner** : Appointed as an internal and external practical examiner for Krishna University and Acharya Nagarjuna University.
- III – Paper setting** : Yogi Vemana University, Cuddapah, Bapatla Engineering college, Bapatla: Gayathri vidya Parishad, Vizag. JKC college, SKVP college, Penugonda,
- IV – Paper valuation** : Examiner for theory papers for regular course & distance course in ANU & Regular course in KRU.
- V – Placement Activities** : Organized campus interviews for students, involved in student Counseling, organized Industrial Trips, organized seminars and workshops, guest lectures.
- VI – Chief Guest** : Invited as chief guest on the occasion of Chemical association, Inaugural Function by Dept of chemistry Loyola College, Vijayawada., 1999.

### **V - Academic achievements:**

## **Research Publications:**

1. Chemical examination of Citrullus colocynthis roots, Indian Journal of chemistry Vol.38B Sept, 1999, pp 1148-1150. **CSIR Publication** M.Manoranjani and B.K.Mehta ,Vikram University,Ujjain ISSN No.0376-4699
2. Study of Oil Fractions from Tridax procumbens Linn flowers, JOTAI, Vol 33, No 2, April-June,2001 M.Manoranjani, Neelima Singh B.K.Mehta, Vikram University, Ujjain. ISSN No 0970-4049
3. UV-Visible Spectrophotometric Estimation and Validation of Enalapril Maleate in Bulk and Pharmaceutial dosage forms, International Journal of Research in Pharmaceutical and Biomedical sciences vol2(4)Oct-Dec 2011 pp 1651-1656, M.Manoranjani and K.Kamala karuna. **ISSN 2229-3701**
4. RP-HPLC Method for the Estimation of Valsartan in Pharmaceutical Dosage forms. International journal of Science innovations and Discoveries," vol1, Issue 2,Sept-Oct 2011,pp101-108, M.Manoranjani and T.Bhagya Kumar .ISSN No 2249—5347
5. RP –HPLC Method for the Development and Validation for the Analysis of Quetiapine in Pharmaceutical Dosage forms," International Journals of Research Reviews in Pharmacy and Applied Sciences",vol-1 issue -4,pp 255-262,2011 M.Manoranjani and T. Bhagya kumar. ISSN No 2249-1236
6. Visible spectrophotometric estimation and validation of Metformin –HCl in bulk and pharmaceutical dosage forms" International journal of research in pharamaceutical and biomedical sciences,vol-4(2),April June 2013. M.Manoranjani and K.Kamala karuna. **ISSN 2229-3701** ,680-682
7. Synthesis of Silver nano particles by using Aegiceras Corniculatum plant Extract International Journal of Advanced research in Chemical Science,vol 2,issue-2A,2015, 37-41 ISSN No;2349-039X .M.Manoranjani N.Rohini A.Durga Nagendra, M.sudhakar, P.S.R Murthy
8. Thermodynamic and Gas sensing properties of cu<sub>2</sub> doped Sno<sub>2</sub> thin films in International Journal of chemical Concepts,vol 1,No.3:119,2015. ISSN No 2395-4256 IF 0.676
9. Validated Stability Indicating RP HPLC Method for the determination of Armodafinil in Bulk and Pharmaceutical formulations", Journal of Advanced Research In Applied science,sep 2015,2(2),83-89.google scholar IF0.533M.Manoranajni. ISSN No 2349-8442.
10. Corporate social responsibility towards environmental Management,in International Journal of Multidisciplinary Research,Vol2(5),2016,page nos;169-172 M.Manoranjani and T. Bhagya kumar. ISSN No 2395-764
11. A New Stability Indicating RP\_HPLC Method for the Assay of Olmesartan in Market Formulations ,American Journal of Pharmatech Research 2016;6(4) page no 290-

301 M.Manoranjani, D.Anitha. ISSN No 2249-3387 GIF 1.123. Indian citation Indexed

12. UV Spectrometric Method Development and Validation for the Estimation of Olmesartan in Pure and Commercial Formulations ..International journal of Pharmacy & Pharmaceutical Research July 2016 volume 6(4) page no s 453-462, M.Manoranjani , D.Anitha. ISSN No 2349-7203
13. Evaluation of Anti-bacterial Activity of Indigenous Medicinal plants Species of India. Madhu M., Sailaja V., Manorajani M, Satyadev T. N. V. S. S., Satyanarayana M. V. Pelagia Research Library Advances in Applied Science Research, 2016, 7(4):88-96. ISSN: 0976-8610. Indexed in CAS ,Google scholar IF 0.533
14. Silver nano particles – chitosan composites: preparation, characterization and solubility in acidic medium in Journal of Chemical and pharmaceutical sciences ISSN No 0974-2115 Vol 10(1) Jan-March 2017 B. Kannamba , Y. Hanumanta Rao , P. Sravani, S. Kiran Kumar and M. Manoranjani pp 580-582
15. Organocatalytic synthesis of amides from aldehydes through p-nitro phenol ester activation. M.Manoranjani and T Bhagyakumar in Rasayan Journal of Chemistry,2017 vol 10 no (2) 333-338 April June,2017 ISSN 0974-1496 elsevier scopus indexed,ugc listed
16. A simple improved solvent free transamidation using glycine M.Manoranjani and T Bhagyakumar in Rasayan Journal of Chemistry,2017 vol 10 no (2) 333-338 April June,2017 ISSN 0974-1496 elsevier scopus indexed. ugc listed
17. Identification and high performance liquid chromatography quantification of aflatoxins in red chilli (capsicum annum L.) in Guntur, Andhra Pradesh, India in Asian Journal of Pharmaceutics, October-December, 2017, volume – 11(4), S 993-997, Thomson Rueters and scopus indexed. web of science ISSN NO 0973-8398 <https://doi.org/10.22377/ajp.v11i04.1740>
18. Analytical method development and validation for the simultaneous estimation of Sofosbuvir and Daclatasvir in drug product by RP\_HPLC in European journal of biomedical and pharmaceutical sciences,vol 5(7) 544-550,july,2018ISSN NO 2349-8870
19. method development and validation for simultaneous quantification of Netupitant and Palanosetron in Bulk and Pharmaceutical dosage forms and their forced degradation study by RP-HPLC in Asian journal of pharmaceutical and clinical research, vol 12(2),119-123,march 2019 ISSN No 0974-2441 scopus indexed.
20. Identification and HPLC quantification of aflatoxins in groundnut (ARACHIS HYPOGAEA L.) samples collected in Rayalseema area,Andhra Pradesh in International journal of pharmaceutical sciences & research,vol10(3),1312-1318, March 2019, ISSN NO 2320-5148.web of science,Thomson reuters,scopus ugc listed. [http://dx.doi.org/10.13040/IJPSR.0975-8232.10\(3\).1312-18](http://dx.doi.org/10.13040/IJPSR.0975-8232.10(3).1312-18)



21. A Review on Contamination, Effects and Analysis of Aflatoxins in Different Food Products International Journal of Pharmacy and Biological Sciences-IJPBSTM (2019) vol 9 (2): 371-378 Online ISSN: 2230-7605, Print ISSN: 2321-3272, April 2019, ugc listed. <https://doi.org/10.21276/ijpbs.2019.9.2.49>
  
22. Stability indicating assay method development and validation of Netarsudil and Latanoprost by RP-HPLC and its degradation vol 6(6) 825-832 ,June 2019,Journal of Emerging Technologies and Innovative Research (JETIR) (ISSN-2349-5162),UGC listed.
  
23. A Validated Isocratic Method for The Simultaneous Estimation of Terbutaline Sulphate and Guaifenesin in Cough Syrup by RP-HPLC. Indian Journal of Research in Pharmacy and Biotechnology (IJRPB) ISSN: 2321-5674 (Print), 2320-3471 (Online) Gadipati Sowri Raj<sup>1</sup>, Modugula Jyosthna<sup>1</sup>, Dr Dasi Jeevan Mani Babu<sup>1</sup>, Mekala Sunil<sup>1</sup>, Choppavarapu Dorcas Anand<sup>2</sup>, Dr M. Manoranjani<sup>3</sup>. 7(2), 31-39.March 2019 www.ijrpb.com **CrossRef:** <https://doi.org/10.31426/ijrpb.2019.7.2.7114>.
  
24. A Validated Reversed Phase HPLC Method Development for the Assay of Ciprofloxacin in Oral Suspension. Bathula Sivannarayana<sup>1</sup>, Modugula Jyosthna<sup>1</sup>, Dr.Dasi Jeevan Mani Babu<sup>1</sup>, Mekala Sunil<sup>1</sup>, Choppavarapu Dorcas Anand<sup>2</sup>, Dr M. Manoranjani<sup>3</sup>. Indian Journal of Research in Pharmacy and Biotechnology (IJRPB) ISSN: 2321-5674 (Print), 2320-3471 (Online). 7 (2), 40-49.March 2019 www.ijrpb.com. CrossRef: <https://doi.org/10.31426/ijrpb.2019.7.2.7115>
  
25. A study of method development and validation and forced degradation for simultaneous quantification of Cisplatin and Fluorouracil in bulk and pharmaceutical dosage form by RP-HPLC vol 13(3) pp 155-161,2021 Journal of Pharmaceutical Sciences and Research ISSN 0975-1459 M.Manoranjani
  
- 26 Simultaneous Estimation of Aflatoxins (B<sub>1</sub>,B<sub>2</sub>,G<sub>1</sub> and G<sub>2</sub>) by Liquid Chromatography coupled with Mass Spectrometry (LC-MS) in Corn Samples pp 521-526 Asian Journal of Chemistry vol33 Issue no 3(2021) 521-526,ugc 8774 <https://doi.org/10.14233/ajchem.2021.23031>. **Scopus ISSN 0970-7077**
  
27. Affordable reverse phase fluid chromatographic strategy for the Assessment of Fosamprenavir in tablets Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 6, July 2021: 5118-5122 D. Anitha and Dr. M. Manoranjani<sup>1</sup>, Dr.K.Parameswararao .**scopus**
  
28. In vitro examine of Risperidone in drug tablet dose structure using reverse phase fluid chromatographic(RP-HPLC) Strategy International journal of biology pharmacy and allied sciences(IJBPAS),Dec special issue,2021 vol 10(12):pp74-80 **web of science** D.Anitha,M.Manoranjani.Parameswararao. <https://doi.org/10.31032/IJBPAS/2021/10.12.2008> ISSN No 2277-4998
  
29. Analytical Method Development And Validation Of Dexemethylphenidate And Serdexmethylphenidate By Using RP-HPLC In Bulk And Pharmaceutical Dosage Form ISSN 0975-7058 vol 14(2) pp 110-115 2022, March in International journal of Applied **Sciences Scopus** indexed DOI: <https://doi.org/10.22159/ijap.2022v14i2.43515>.

30. Assay Method Development And Validation Of Cilnidipine And Ramipril, Characterization Of Its Dedradants By Using LC-MS/MS ISSN 0975-7058 vol 14(2) pp 276-285, 2022, March in International journal of Applied Sciences pp **scopus** indexed. Doi <https://doi.org/10.22159/ijap.2022v14i2.43570>
31. New Method For The Simultaneous Estimation Of Fenofibrate And Pitavastatin By Using RP-HPLC In Bulk And Pharmaceutical Dosage Form YMER issn no 0044-0477 vol 21 issue 7 july 2022 pp 890-901. <https://www.doi.org/10.37896/YMER21.07/72> **scopus**
32. LCMS method development and validation for the estimation of Tivozanib in Rat Plasma In YMER VOL 21 ISSUE 8 pp 1012 -1022 ISSN No 0044-0477 Doi <https://www.doi.org/10.37896/YMER21.08/87> M.Manoranjani , Md Ayesha, K.Bhanu Roshini, G.Hema Shankar Naveen. ISSN 0044-0477 Aug 2022. **scopus**
33. Evaluation of Fumonisin Contamination using Liquid Chromatography Mass Spectrometry in Corn Samples Collected from Different Locations Sailaja Ommi<sup>1,2\*</sup>, Manoranjani Medikonda , Krishnaveni Gudela .ISSN No 1998-409x **Asian Journal of Pharmaceutics** • Apr-Jun 2022 vol 16 (2) 148 to 155 **web of science** <https://doi.org/10.22377/ajp.v10i04>.
34. Development and validation of RP – HPLC method for the simultaneous determination of Aspirin and Prasugrel Hydrochloride, Dr.C.A.Jyothirmayee, Dr.M.Manoranjani, Dr.K.Sreelatha, V.Vasantha, Sk.Sabeena, P.Priyanka, M.Vijayakumari, K.Harika. .ISSN No 0044 – 0477, YMER, April - 2023 vol 22 (4).

## ***Patents:***

1. Three dimensional nanoparticulate drug delivery guidance system and method thereof. The Patent Office Journal o.48/2021 publication Dated 26/11/2021
2. Nano particulate formulation for diagnosis and/or treatment of cancer. The Patent Office Journal No. 45/2021 publication Dated 05/11/2021

## **Book Chapters:**

1. Role of Water for Sustainable Development with Respect to Upland Area of West Godavari DT, AP State-Alternatives to RO Technology **chapter 1**, Dr.C.A.Jyothirmayee, Dr.M.Manoranjani, Mrs.ARN Sirisha, Mrs.Y.Rajani ISBN 978-93-86435-86-6 Title Recent Trends in Physics chemistry and Allied Sciences 2019.

## **Presentations in Conferences /Seminars:**

1. Presented a paper on “A 2D NMR Study of a novel steroid isolated from *Centratherum anthelminticum*” in The 12<sup>th</sup> MP Young Scientist Congress, Guru Ghasidas University, Bilaspur Organised by MP Concil of Science and Technology, MAPCOST, Bhopal ,MP 1997. 28<sup>th</sup> -feb 2<sup>nd</sup> march. regional
2. Presented a paper on “Environmental pollution due to vehicular traffic” in a “Regional Seminar on Environmental pollution with special reference to pesticide pollution”, sponsored by UGC 28<sup>th</sup>-29<sup>th</sup> July ,2006.

3. Presented a paper in the National Seminar on "Green Organic Synthesis In Pharmaceuticals an Overview", sponsored by SAGTE,Vijayawada and Aptituit Laurus Pvt.Ltd,Hyderabad 15<sup>th</sup> Dec 2007.
4. Presented a paper on "Development of Simple Spectrophotometric Method For Carbaryl Insecticide" In Fortified Water Samples in a UGC sponsored National Seminar on "Environmental Pollution with Special Reference to Water Pollution", Sir CR Reddy Autonomous College,Eluru on 12th December,2008.
5. Chaired a Session and presented a paper on "Nanoscience and Nanotechnology innovations in science" in the National Seminar on "The Promise of Nanoscience" sponsored by UGC ,organized by the Dept of chem. P B Siddartha College of Arts and Science on 6th & 7th March, 2009.
6. Presented a paper on " Principles of Green Chemistry-Cleaning up with Atom economy" in a UGC,DAE-BRNS&CSIR sponsored "National Youth Forum on Green Energy Solutions Meeting Global concerns" on 19th & 20th,November 2009 organised by the Dept of Physica and Chemistry,Maris Stella College, Vijayawada.
7. Presented a paper on "Characterisation of Aliphatic Compounds Isolated From Citrullus Colocynthis" in a two day **National** Seminar on Chemistry of Natural Products by Krishna University under the aegis of AP Academy of sciences, Hyderabad & AP Pollution control board,Vijayawada held during 28-29, Nov, 2011.
8. Presented a paper "On Carbohydrates as Renewable Feed Stocks" in the UGC sponsored **National** Seminar On "Significance of Green Strategies for Environmental Protection," organized by the Dept of Chemistry,KBN College Vijayawada on 14-15,Dec, 2012.
9. Presented a poster on "On RP-HPLC Method Development and Validation of Quetiapine" in a ACT sponsored **National** seminar on "Modern Trends in Chemical Sciences" held during 20th and 21st December,2013,organized by Dept of chemistry,University college of Sciences, Acharya Nagarjuna University, Nambur.
10. Chaired a session & Presented a Paper on chemical constituents From Centratherum anthelminticum(seeds) and Their Biological Activityin a **national** seminar on Role of Natural Products in Drug Discovery, organized by Dept of chemistry Krishna University under the aegis of DST, New Delhi,CSIR- New Delhi&APSCHE, Hyderabad,2013.
11. Presented a paper on synthesis of silver nano particles by using Aegiceras corniculatum plant extract" in a UGC sponsored **national** seminar on Recent Trends in Synthetic Organic and Natural Product Chemistry held during 20-21 feb2015,by Dept of Chem Noble college, Machilipatnam.
12. Presented a paper on chemical reactivity and nanocatalysis in a UGC sponsored two day **National** seminar on *Shaping The Future with Nano Sciences* on 19<sup>th</sup> & 20<sup>th</sup> Aug,2015 organized by Dept of chemistry, PB Siddartha college of Arts and Science, Vijayawada.

13. Presented a paper on Ionic Liquids: An Environmentally Friendly Alternative in a two day UGC sponsored **national** seminar on Advances in chemical science organized by Dept of chemistry KBN College ,Vijayawada, during 18th&19th sept, 2015.
14. Presented a paper in a **national** seminar on Kativa Goud-novel natural product in a seminar on Medicinal Plants for better human health sponsored by ICMR New Delhi, DST, New Delhi, Telangana state council of higher education 28-29th Jan 2016, by Dept of Botany
15. Presented a paper on “the corporate social responsibility towards environmental management “in the **International** seminar on corporate social responsibility initiatives for inclusive and sustainable development on 20 th& 21 feb ,2016 by Dept of Commerce and Management ,held at KBN college vijayawada.
16. Presented a paper on silver nano particles-chitosan composites, preparation, characterization and solubility in acidic medium in a two day **national** seminar on Advances in the Synthesis of Nanomaterials and their Multi Dimensional Applications in Chemical & Biosciences on 14th&15th Sept 2016, sponsored by DBT –MHRD Government of India-NEW Delhi, organized by Andhra Loyola College (autonomous Vijayawada).
17. Presented a paper on Management of solid waste in Pulp and Paper Industry, in a **national** seminar on Solid Waste Management, organized by PG Dept of chemistry, SRR&CVR Govt Degree & PG College vijayawada, sponsored by MHRD, Ministry of New and Renewable energy, ,DST, Ministry of science and Technology ,Govt of India, 16 & 17th Sept, 2016.
18. Presented a paper on Phytochemical and GC-MS studies of Spathodea companulata Beauv. Flower bud nectar 2nd AP Science Congress “Science and Technology for Health”, organized by AP Academy of Sciences, Amaravathi during 7-9 th Nov 2016. **regional**
19. Presented a paper on Screening & Estimation of Phytochemicals in Green Tea Plant Leaves by Visible Spectrophotometer in a UGC sponsored two day **national** seminar on Recent Trends in Chemistry and Physics of Materials on 15<sup>th</sup> & 16<sup>th</sup> sept 2017 by SRR&CVR Govt Degree College (Autonomous) Vijayawada
20. Presented a paper Nanotechnology in Agriculture: A perspective in two **day international** seminar on Materials for the societal Advancement with Emphasis on Health and Energy in association with Andhra Pradesh Academy of Sciences and APCOST on 22<sup>nd</sup> and 23<sup>rd</sup> feb ,2017 by Dept of physics PB Siddhartha college of Arts and Science, Vijayawada.
21. Presented a paper on Zinc oxide nano particles impregnated Chitosan Beads: Preparation, Characterisation, stability and removal of Hexavalent Chromium in a UGC-APPCB sponsored two day **national** seminar on Environmental Pollution- Public Responsibility on 31<sup>st</sup> January and 1<sup>st</sup> February ,2018 by Dept of chemistry Andhra Lyola College Vijayawada

22. Presented a paper on Pollution control by using modern instrumentation techniques in a APPCB sponsored one day **national** seminar on Novel Chemical Strategies for sustainable environment on 22<sup>nd</sup> march 2018 by dept of chemistry, PB Siddhartha college of Arts and Science, Vijayawada.
23. Presented a paper on Chemical literacy is Vital for environmental care in an **International** conference on State of knowledge of chemistry in industry and environment organized jointly by SVRM college and Journal of applicable chemistry at shree velagapudi Ramakrishna memorial college Nagaram Guntur dt on 22-24<sup>th</sup> June 2018
24. Presented a paper on one pot reaction for the synthesis of amides from using tertiarybutyl ammonium iodide in a UGC sponsored two day **National** Symposium on emerging trends in organic chemistry in collaboration with Krishna university by dept of chemistry kbn college Vijayawada on 28-29<sup>th</sup> September 2018.
25. Presented a paper on Scenario Of Present Education system In India in a two day seminar on New Education Policy –Goals and Imperatives organized by , P.B. Siddhartha college of arts and science, Vijayawada, held on 14<sup>th</sup>&15<sup>h</sup> march 2017.
26. Presented a paper on Synthesis and Application of Nanomaterials in a UGC sponsored one day **national** seminar on Advanced Materials and Characterisation the organized by Department of Physics ,P B Siddhartha college of Arts and Science, on 26<sup>th</sup> OCT, 2018.
27. Presented a paper on Applications of Nanomaterials in Medicines in a UGC sponsored one day **International** seminar on Nanotechnology for the future energy challenges organized in collaboration with AP Academy of sciences materials on 18<sup>th</sup> December 2018
28. Presented a paper on Role of adsorbents in the removal of metal ions in waste water in a UGC &APPCB sponsored two day **national** seminar on emerging materials for Green Environment organized by the dept of chemistry, Andhra Lyola College on 5<sup>th</sup> &6<sup>th</sup> March, 2019
29. Presented a paper on Physicochemical techniques for characterization of Nanomaterials in a UGC sponsored one day **International** seminar on 4<sup>th</sup> Jan 2019, on recent developments and applications of Physico chemical characterisation techniques organized by the Department of chemistry, JKC college, Guntur.
30. Presented a paper on Role of water for sustainable development with respect to upland area of west Godavari district, AP state- Alternatives to RO Technology in RUSA **International** Forum on Recent Trends in Physics, Chemistry and Allied sciences for Sustainable development on Sep 27-28, 2019 organized by Dept of Physics and chemistry Ch.S.D. St. Theresa college for women (autonomous), Eluru.

31. Presented a paper on Coal Fly Ash:Its Effect On Soil properties in a UGC sponsored one day **National** Seminar on Modern Applications Of Chemistry In Engineering and Sciences on 22<sup>nd</sup> Nov,2019, organized by the dept of chemistry,JMJ College for Women,Tenali.
32. Presented a paper on Treatment of wastes and effluents from Sugar Industry in 5th AP Science Congress held at Dr.B.R.Ambedkar University ,Srikakulam,during 28-30th Nov,2019.**regional**
33. Presented a paper in a UGC sponsored one day **National** seminar on Modern tools in evaluation- A shift from quantitative to qualitative techniques on 5<sup>th</sup> dec,2019
34. Presented a paper on HPLC quantification of Aflatoxins in Groundnut (Arachis Hypogae.L) merging Trends in Chemistry and its allied sciences organized by dept of chemistry,The Bapatla college of Arts & Sciences & Royal Society of chemistry ( London,UK)-Local section Deccan, India.
35. Presented a paper in a ICSSR-SRC sponsored two day **National** seminar on Women the key to ensure food security organized by the Women Empowerment cell Under Ugc women studies centre ,kbn college Vijayawada on 27th-28<sup>th</sup> December 2019
36. Presented a paper on in a UGC sponsored one day **National** symposium on innovative advances and impact of the chemical elements for sustainable development on 31<sup>st</sup> december,2019 ,organized by the dept of chemistry, JKC college,Guntur.
- 36 Presented a paper on Stability Indicating Assay Method Development and Validation of Netarsudil and Latanoprost by RP-HPLC and Its Degradation an **International** conference on recent advances in chemical pharmaceutical and biological sciences 5<sup>th</sup>-7<sup>th</sup> march,2020 by dept of chemistry Acharya nagarjuna University,Nambur.
- 37 Presented a paper on in a UGC sponsored National Seminar on Advances in Chemistry and its Allied sciences ACAS 2021 on 17<sup>th</sup> March and 18<sup>th</sup> March 2021 by Dept of chemistry Acharya Nagarjuna University Nambur.
- 38 Presented a paper on “Green Chemistry :The Need Of The Hour” in a National Seminar on Biodegradable polymers and Its Sustainable Applications held on 26<sup>th</sup> Oct 2022 at Dept of Chemistry,Royalaseema University,Kurnool,AP
39. Presented a paper on in a two day National Seminar on Recent Advances in Biological Sciences (RABS) 2022 organized by the depts of Botany and Zoology KBN College,Vijayawada

### **Participations:**

1. Participated in a one day seminar on “Creative Art Of Organic Synthesis Herbal Medicines-New opportunity For The Chemists”,on 16<sup>th</sup>,Aug.2003, organized by

Dept of Chem, Industry-Institute Partnership Cell, RVR&JC Engineering College Chodavaram Guntur.

2. Participated in a National seminar on “Nano Materials in Engineering Chemistry”, sponsored by AICTE organized by Dept of Chem, VR Siddhartha Engineering College on Sept 13<sup>th</sup>,2010.
3. Participated in a National seminar on “Recent Trends In Pharmacuetical Chemistry” by Dept of Chem, Krishna University ,APSCHE,Hyd, AP &AP Pollution Control Board during 30-31<sup>st</sup> Jan 2011
4. Participated in a Seminar on Advancing Our life,our future “Role of Chemistry In The Present Era” by Royal Society of Chemistry (London)-DS,Hyd and Krishna University, Krishna dt.on 25<sup>th</sup> Aug,2012
5. Participated in a National poster symposium-2 on “Advances in Organic/medicinal chemistry “on 21<sup>st</sup> Dec 2013. by Royal Society of Chemistry (London)-DS,Hyd and Krishna University,Krishnadt
6. Participated in a seminar on “Role of Chemistry in Drug Discovery chemistry” on 6<sup>th</sup> July 2013 by Royal Society of Chemistry (London)-DS,Hyd and Krishna University, Krishna dt.
7. Participated in a National seminar on “New Frontiers In Chemical Research” organized by Dept of Chemistry ,University college of Sciences,ANU,Guntur on 19<sup>th</sup> Nov,2011
8. Participated in a UGC sponsored Two day National seminar on “Innovations in Higher Education”, organized by, IQAC, PB Siddhartha college of arts and science, Vijayawada, held on 7<sup>th</sup>& 8<sup>th</sup> nov 2014.
9. Participated in a one day seminar on “Chemistry For The Sustainable Development” organized by Royal Society of Chemistry (London)-DS, Hyd, AP Academy of Sciences, in Association with Dept of Chem, Krishna University,Machilipatnam,26<sup>th</sup> Sept,2015
10. Participated in a UGC sponsored one day **International seminar** on technologies and innovations for societal advancement organized in collaboration with AP Akademy of sciences ,Science city of Andhra pradesh on 20<sup>th</sup> December 2019.by AG and SG college vuyyuru
11. Participated in a RUSA 2.0 component in a national seminar on Modern Tools In Evaluation.A Shift From Quantitative to Qualitative techniques on 5<sup>th</sup> Dec,2019, organized by examination committee,T-Tips and research Wing Ch.S.D.St.Theresa college for women(autonomous),Eluru.
12. Participated in a one day national work shop on Research Methodology an Interdisciplinary workshop organized by APSCHE in collaboration with AG &Sgsiddhartha Degree college of arts and science , vuyyuru

### **Workshops:Attended**

1. Participated in a National level workshop on "**Radiochemistry**" jointly organized by the **Indian Association of Nuclear Chemists and Allied Scientists(IANCAS)** and the Dept of chem., Andhra Loyola College ,Vijayawada,23<sup>rd</sup> Oct,2009
2. Participated in a workshop on "**Chromatography Techniques**" organized by the Dept of Chemistry, KBN College, Vijayawada 20<sup>th</sup> Feb 2010
3. Organised and Participated in a **UGC** sponsored two day workshop on "**Recent Analytical Methods**" organized by the Dept of chemistry PB Siddhartha college of Arts and Science ,Vijayawada,22<sup>nd</sup> &23<sup>rd</sup> July ,2011
4. Participated in a Pharmacuetical Analysis Conference and Workshop "**Siddhartha Analyticon -2011**" ON November 1<sup>st</sup> ,2011,by KVSR Siddhartha college of Pharmaceutical Sciences,Vijayawada
5. Participated in a National level workshop on "**Radiation and its uses,Nuclear Power and Environment**" jointly organized by the IGCAR and the Dept of Physics, PB Siddhartha college of Arts and Science ,Vijayawada, on 27<sup>th</sup> &28<sup>th</sup> Feb 2016.
6. Participated in a two day National Workshop on "**Recent Trends in Material Science, Nanoscience & Nanotechnology (RTMSNN – 2017)**" organized by the department of chemistry in association with Science and Engineering Research Board (SERB), New Delhi, during 3<sup>rd</sup> & 4<sup>th</sup>, January, 2017 at A.G & S.G. Siddhartha Degree College of Arts & Science, Vuyyuru.
7. **Work shop on Capacity Building for colleges and UGC coordinators by RUSA** Govt degree college, Avanigadda, AP August 2015
8. Workshop on **Radiochemistry** " jointly organized by the **Indian Association of Nuclear Chemists and Allied Scientists(IANCAS)** and the Dept of chem., PB Siddhartha college of Arts and science,Vijayawada,27<sup>th</sup>-28<sup>th</sup> Sept 2016.
9. Participated in a one day workshop on **Modern spectroscopic Techniques and their applications in structure determination** organized by dept of chemistry A.G & S.G. Siddhartha Degree College of Arts & Science, Vuyyuru.on 23<sup>rd</sup> September,2017.
10. A one day work shop on **Beat plastic Pollution with waste management** in collaboration with Central institute of Plastics Engineering and technology,Vjayawada 27<sup>th</sup> September,2018.
11. Two day work shop on **Radiochemistry** in association with,Indian Association of Nuclear chemists and Allied scientists, (IANCAS),Indira Gandhi centre for Atomic Research (IGCAR),Kalpakkamon 4<sup>th</sup> ,5<sup>th</sup> Jan,2019.
12. A one day national workshop on outcome based education(OBE)-Possibilities and Challenges on 22<sup>nd</sup> Nov 2019,organized by Akkineni Nageswara rao college Gudivada.



13. Two day national workshop on Ayursiddhi hands on training on indigenous medicine on 17<sup>th</sup> and 18<sup>th</sup> dec,2019 organized by Dept of Botany, P B Siddhartha college of Arts and Science ,Vijayawada.
14. Participated in a one day National workshop on Research methodology an interdisciplinary approach organized by IQAC And research committee in collaboration with APSCHE, AP.held during 13<sup>th</sup> dec 2022.

### ***Sessions Chaired:***

1. Chaired a Session and presented a paper on “Nanoscience and Nanotechnology innovations in science” in the National Seminar on “The Promise of Nanoscience” sponsored by UGC ,organized by the Dept of chem. P B Siddhartha College of Arts and Science on 6<sup>th</sup> & 7<sup>th</sup> March, 2009`
2. Chaired a session in a **national** seminar on Role of Natural Products in Drug Discovery, organized by Dept of chemistry Krishna University under the aegis of DST, New Delhi,CSIR- New Delhi& APSCHE, Hyderabad,2013.
3. Chaired a Session in a two day international conference on Emerging trends in medicinal and Green Chemistry ETMGC 2021 by dept of chemistry ST .Anns college for Women affiliated to Osmania University ,Hyderabad on March 17<sup>th</sup> 2021

### **Seminars, conferences/workshops/FDPs organized:**

1. Organising member of a “**Regional Seminar on Environmental pollution with special reference to pesticide pollution**”,sponsored by **UGC** 28-29 July ,2006.
2. Organising member of a National Seminar on “**Green Organic Synthesis In Pharmaceuticals an Overview**”,sponsored by SAGTE, Vijayawada and Aptituit Laurus Pvt.Ltd,Hyderabad 15<sup>th</sup> Dec 2007.
3. Organising member of a National Seminar on “**The Promise of Nanoscience**” sponsored by UGC ,organized by the dept of chem. P B Siddhartha college of Arts and Science on 6<sup>th</sup> & 7<sup>th</sup> March,2009.
4. Organizing member of a workshop on “**Recent Analytical Methods**”, sponsored by UGC 22<sup>nd</sup> &23<sup>rd</sup> July 2011,by Department of chemistry,P B Siddhartha college of Arts and Science, Vijayawada.
5. Organizing member of a National Seminar on “**Chemistry of Natural Products**” by Krishna University under the aegis of AP Academy of sciences, Hyderabad & AP Pollution control board,Vijayawada28-29 nov, 2011.
6. Organizing member of a National Poster Symposium-2 On “**Advances In Organic/Medicinal Chemistry [AOMC-2013]**”,21<sup>st</sup> Dec 2013 ,jointly organized by Royal Society of Chemistry[London]-Deccan Section,India &Krishna University,Krishna Dt,AP,India
7. Organized a One day seminar on 23-09-2011 on “**New Drug Developing Strategies & Characterisation with special reference to IR Spectroscopy**”*sponsored by*

*Siddhartha Academy of General and Technical Association Vijayawada* under the banner of Chemical Association: 2011-2012, Dept of chem.

8. Organizing secretary of a two day National seminar on “**Shaping The Future for Nano Sciences**” sponsored by UGC on 19<sup>th</sup> & 20<sup>th</sup> Aug 2015.
9. Organizing secretary of a two day workshop on **Radiochemistry** On 27 & 28 th sep 2016, in association with Indian association of Nuclear chemists and Allied scientists (IANCAS) Indira Gandhi centre for atomic Research, IGCAR, Kalpakkam.
10. Organizing member, poster committee, 2nd AP Science Congress, on “**Science and Technology for Health**” organized by AP Academy of Sciences, Amaravathi during 7-9 th Nov 2016
11. Organizing member of “**chemcolloquim-2K17**”, one day state level event organized, by dept of chemistry, P B Siddhartha college of Arts and Science, Vijayawada.
12. Organizing member of “**chemcolloquim-2K18**”, one day state level event organized, by dept of chemistry, P B Siddhartha college of Arts and Science, Vijayawada
- 13 Organizing secretary of a APPCB sponsored one day National seminar on Novel Chemical Strategies for sustainable environment on 22<sup>nd</sup> march 2018 by dept of chemistry, PB Siddhartha college of Arts and Science, Vijayawada.
- 14 Organizing secretary of a one day work shop on beat plastic pollution with waste management in association with CIPET, Vijayawada on September 2018.
- 15 Organized a two day workshop on Radiochemistry on 4<sup>th</sup>, 5<sup>th</sup> Jan 2019 in association with Indian association of Nuclear chemists and Allied scientists (IANCAS), Southern Regional Chapter, IGCAR, Kalpakkam.
- 16 Organizing secretary of a one day work shop on Emerging Trends in Plastics association with CIPET, Vijayawada on Dec 23<sup>rd</sup> 2019.
- 17 National seminar on Innovations for societal Advancement on 30.9.2019 in Association with APAS and Luminiscence Society Of India.
- 18 Organized a three day Online FDP on Recent Advances in Chemical Research from 22/9/22 to 24/9/22.

## **Webinars organized**

1. “FUNCTIONALISED QUINOXALINES AS SIRT 1 INHIBITORS” by Dept of chemistry PB Siddhartha college of Arts and Science, Vijayawada. on 27<sup>th</sup> June 2020
2. “ICT Tools to Teach Chemistry Online with Simulation Chemistry Labs” on 27th July 2020
- 3 “Tips on literature search & writing scientific papers” by Research & Development Cell, PBS college. on 24.6.2021
- 4 Basics of Intellectual property Rights on 18.12.2020 by IPR cell PBS college.

5. Antibiotic drug discovery strategies in the era of drug resistance by Dept of chemistry PB Siddhartha college of Arts and Science, Vijayawada 27.09,2021

### OTHER ACHIEVEMENTS:

S.No	Dates	Name of the Organization	Topic
<b>CERTIFICATION COURSES</b>			
1	14.6.2020	Course Era University of Toronto	Mind Control managing your mental health during covid 19
2	7.4.2020	Osmosis	COVID-19: What You Need to Know (CME Eligible)
3	7.5.2020	US San Diego	Drug Discovery
4	Certificate not given	University of Kentucky	Chemistry
5	Certificate not given	University of Kentucky	Advanced Chemistry
6	7.8.2020	University of Manchester	Introduction to Molecular Spectroscopy
7	7.29.2020	University of Illinois	Introduction to Sustainability
8	13.8.2020	University of London	How Computers Work
9	26.8.2020	University of Colorado	Methods for Solving Problems
<b>WEBINARS</b>			
1	23.5.2020 International Webinar	Department of commerce and Business administration, PB Siddhartha College	Personal Branding
2	26.5.2020	Adikavi Nannayya University, Rajamahendravaram.	IPR current issues and challenges
3	29.5.2020 National	Karnatak Arts and Science commerce college Bidar College	Empowering teachers with Moodle LMS
4	5.6.2020	Science City ,Government of AP	Protecting our environment –our responsibilities
5	7.7.2020	Department of Applied Science and Humanities (Environmental Science) of Tirumala Engineering College, Narasaraopet	PLASTICS VERSUS BIOPLASTICS FROM ENVIRONMENT AND SUSTAINABLE POINT OF VIEW”
6	9.7,2020	ANR college and APSCHE In association with IQAC cluster India	Introducing skill oriented courses in universities and colleges with special reference to NSQF
7	24 <sup>th</sup> -25 <sup>th</sup> July,2020 national	CSRSNIE Sriharasam	Webinar on chemistry and biology of natural products
8	4.8.2020 National	KRU in association with NAAC	NAAC ASSESMENT and accreditation process

9	5.8.2020 National	PVP and PB Siddhartha college of Arts and science	Future of Work: The Emerging Challenges for Business, Government and Society
10	7 <sup>th</sup> &8 <sup>th</sup> Aug2020 International	Ac college Guntur,Dept of chemistry	Trending chemical research and Applications
11	12.8.2020 National	Department of Chemistry in Association with IQAC & ACT,Mumbai,AG &SG college vuyyuru	"Hydrogen Based Economy - Future Prospects"
12	25.8.2020	UGC studies centre KBN college vuyyuru	Womens nutrition in immune response against covid 19
13	3.9.2020 National	IQAC BJR govt college hyderabad	Digital transformation pedagogical changes
14	28.9.2020 To 29.9.2020 International	Department of Chemistry, DDU Gorakhpur University, Gorakhpur, UP, INDIA via zoom-	Current Trends and Future Prospective of Chemistry in Pandemic-Era,
15	5.10.2020	UGC womens studies centre KBN college,Vijayawada	Migrant women workers:issues and challenges
16	13.10.2020	P. B. Siddhartha Institute of Technology & Research, P. B. Siddhartha College of Arts & Science, Vijayawada	One Day Webinar on New National Education Policy – 2020
17	26.10.2020	ICT	Digital teaching techniques
18	21.11.2020 National	IQAC St.Josephs college for women	Intellectual property rights &innovation driven research
19	12.12.2020	Intellectual Property Rights Cell (SAIPRC)", IIC, St. Anns College for Women-Mehdipatnam,	"Pitching and Linkage of Innovators with Innovation Ambassadors
20	18.12.2020	IPR cell,PBS college	Basics of Intellectual Property Rights
21	12`01`2021	AG SG Siddhartha Degree college of Arts and Science	Renewable feed stocks for sustainable chemicals
22	26.2.2021	Department of Commerce & Business Administration, P. B. Siddhartha College of Arts & Science	Webinar on Intellectual Property Rights - Key for Achieving Academic Excellence
23	30.3.21	Dept of chemistry KVR and MKR college Khajipalem	Recent outcomes in materials chemistry (ROMC-2021)
24	3.6.2021	Chemistry division ,VIGNAN uNIVERSITY	Recent Advances in Material chemistry
25	12.8.21	Womens cell PVP and PBS college	'Webinar on Balanced Diet: The key to Master your Metabolism'
26	24.6.2021	Research & Development Cell, P. B. Siddhartha College of Arts & Science	Tips on Literature Search & Writing Scientific Papers
27	12.2.22	Department of Chemistry in Association with IQAC AG SG Siddhartha college	"Principles Of Organic Spectroscopy and its Applications"
28	9 <sup>th</sup> nd 10 <sup>th</sup> Nov 2022	Depts of physics chemistry zoology aquaculture technology and IQAC in association with CR REDDY college and CR Reddy college for women	Environmental sustainability and development

		EluruKaikalur	
29	18 <sup>th</sup> 19 <sup>th</sup> Nov	IQAC, Sir C.R.Reddy College for Women, Eluru.	Research Methodology
30	19.11.2022	P. B. Siddhartha College of Arts & Science	Greener Living: Sustainable Energy”
31	30.6.2023	Dept of Physics KLEF, Guntur	Nano Science and nano technology for better future
<b>WORKSHOPS</b>			
1	18.5.2020 National Workshop	IQAC and Dept of chemistry by Kasturba Gandhi degree and PG college for women, West Maredpally, Secunderabad.	ICT based Teaching in Chemistry
2	12.5.2020 to 13.5.2020 Workshop	Krishna University in association with APSCE	Modern methods for remote teaching—Learning Practices
3	26 <sup>th</sup> 27 <sup>th</sup> Aug 2020 National	Krishna University	Google tools to online teaching
4	29.6.2021	IPR cell St anns college for women	Prototype validation converting a prototype into a start up
5	28.1.22 international	Govt degeree college srikakulam	Environmental sustainability
<b>FDPs</b>			
1	23.4.2020 to 28.4.2020 FDP ,one week national	Nehru Arts and Science College, Coimbatore from.	Engendering the next generation educators
2	4.5.2020 to 8.5.2020 FDP one week International	CRR Collge Eluru in association by VIT Amaravathi	online teaching tools for Video lecturing and Digital e-learning
3	7.5.2020	Santhiram Engineering college, Nandyal	Research Methodology Methods & best Practices
4	10.5.2020 to 15.5.2020 FDP one week International	santhiram college of Engineering from in collaboration with talentio solutions India Pvt Limited	Online Teaching Etiquette and best Practices
5	18.5.2020 to 20.5.2020 FDP national	Computer science department,PB Siddhartha College in association with codegnan	Tools for online classroom post covid 19
6	1.6.2020 to 7.6.2020 FDP one week International	Dept of business administration auxilium college vellore	Synergies to revitalize reform and refresh ourselves as agents to ensure quality education
7	12.8.2020 National(3days)	Dept. of AS&H, Tirumala Engineering College on	Perspectives of Green Chemistry in Research
8	17-23 <sup>rd</sup> aug 2020 National	GITAM school of science,bengaluru	Unlockdown 3.0: A period of reorienting teaching and learning
9.	26.10.20 to 31 <sup>st</sup> oct	ICT Academy	Digital teaching techniques

	2020		
10	26.7.21	Chemistry dept, KLU	Chemistry for societal advancements
11	18 <sup>th</sup> to 23 <sup>rd</sup> OCT,2021	IQAC & Research promotion and Monitoring cell, KBN college, Vijayawada	Research design and ethics and Metrics
12	22-24 <sup>th</sup> sept 2022	Dept of chemistry, PBS college Vijayawada	<b>Recent Advances in Chemical Research</b>
13	29.11.2022 to 3.12.2022	<b>Departments of Physics and Mathematics, JMJ College for Women (Autonomous), Tenali.</b>	<b>Effective Pedagogy for Science</b>
<i><b>QUIZZES</b></i>			
1	24.5.2020	Dept of chemistry Theresa college for women	Global challenges in the present Scenario
2	5.6.2020	Dept of Botany, science department, PB Siddhartha College	E quiz wed2020
3	2.6.2020	Dept of Chemistry, science department, PB Siddhartha College	General chemistry quiz
4	3.8.2020	Dept of Chemistry, JMJ college, Tenali	Environmental science

Dr.M.Manoranjani