

## CURRICULUM VITAE

**Dr.P.T.S.R.K. PRASADA RAO**

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**Work Experience:** 29 years of Teaching Experience including 20years of Research Experience in the fields of Environmental Chemistry, Chemical Kinetics, Pharmaceutical Chemistry and Drugs.

### **Teaching Experience:**

Presently working as **Assistant Professor, Department of Chemistry, P.B.Siddhartha College of Arts & Science, Vijayawada, A.P., India, from July 1996 to till date.**

Worked as **part time Lecturer in P.V.P Siddhartha Institute of Technology** formerly known as Nagarjuna Institute of Technology, a sister concern of **Siddhartha Academy of General & Technical Education from 1998-2001.**

Previously Worked as a Lecturer in **Krishnaveni Degree College, Vijayawada** from June **1995 to June 1996.**

### **Professional Qualifications:**

Ph.D. : Jai Narayan Vyas University, Jodhpur, Rajasthan.

M.Sc. : Barkatullah University, Bhopal, Madhya Pradesh

### **Subjects taught:**

Organic Chemistry, General Chemistry, Hetero Cyclic Chemistry, Nano Chemistry, Green Chemistry and Environmental Chemistry

### **Research Supervision:**

**ONE** scholar awarded with Ph.D., from **Acharya Nagarjuna University, Guntur.**  
Presently **TWO** Scholars pursuing **Ph.D.**, from **Krishna University, Machalipatnam.**

### **Professional Achievements:**

Got the **Best Research Paper award & Cash Prize “ACG SCITECH RESEARCH PAPER AWARD-2019”** for the paper titled **“Extraction, quantitative determination and Spectral Identification of Carnosic Acid – a diterpene antioxidant Rosmarinus Officinalis”**, in Natural Products, published by Indian Drugs (IDMA), 2019.SCOUPS.

Appreciation and BEST TEACHER award given by **Lions Club International, District 324, C4** on the **Eve of Teachers Day Celebrations 2010**.

### **Patents Obtained:**

- **Obtained a patent Titled “*DESIGN AND IMPLEMENTATION OF SMART AIR QUALITY DETECTION SYSTEM*” from Australian Government IP Australia with validity of Eight years from 2 February 2021.**

### **Books / Chapters Published:**

- Authored a Chapter “**Graphene-Based Polymer Nanocomposites for Sensor Applications**” in the book titled “**Hybrid Nanocomposites: Fundamentals, Synthesis and Applications**” published by **Pan Stanford Publications, USA**, with ISBN 978-981-4800-34-1.
- Authored a chapter “**Inorganic, Micro and Nano Structures**” in the book of “**Materials for Biomedical engineering**” published by **Elsevier Publications** with ISBN 978-0-08-102814-8.

- ❖ **35 Research papers** published in International and National Journals
- ❖ **Given 6** Invited talks / guest lectures
- ❖ **Presented 50 Research Papers** presented in various National and International Seminars/Conferences
- ❖ **Participated 31** National & International Seminars / Conferences / FDPS
- ❖ **Participated in 18** National workshops
- ❖ **Participated 27** online Faculty Development Programmes, Webinars

### **Fellowships & Professional Memberships:**

- **Fellow of Indian Chemical Society**
- **Life Member of Indian Chemical Society**
- **Life Member of Indian Science Congress**
- **Life Member of Association of Chemistry Teachers**
- **Former Council Member of Indian Chemical Society**
- ❖ Vijayawada City coordinator for **International Australian National Chemistry Quiz (ANCQ)** conducted in all CBSE schools
- ❖ by **Royal Australian Chemical Institute (RACI), North Melbourne, Australia.**

## **Academic activities:**

### **1. Paper setter for:**

- a) Yogi Vemana University, Kadapa.
- b) Andhra Loyola College, Vijayawada.(Autonomous)
- c) KBN College, Vijayawada (Autonomous).
- d) JKC College, Guntur. (Autonomous).
- e) Gayatri Vidya Parishat, Visakhapatnam .(Autonomous)

### **2. Practical Examiner for:**

- a) Krishna University, Machilipatnam.
- b) S.V. University, Tirupati
- c) Sri Padmavati Mahila Kalasala, Tirupati(Autonomous)
- d) Sri Krishna Devaraya University, Annapur.
- e) Acharya Nagarjuna University, Guntur.
- f) Andhra Loyola College, Vijayawada (Autonomous).
- g) KBN College, Vijayawada.(Autonomous)
- h) Gurughasidas University, Bilaspur, Chattisghar

### **3. External Paper Evaluator for:**

- a) Acharya Nagarjuna University, Guntur.
- b) S.V. University, Tirupati
- c) Yogi Vemana University, Kadapa.

## **Additional Responsibilities handled:**

- a. NAAC Coordinator for Alumni Association during 2019-20.
- b. Student Welfare Committee 2016 to till date.
- c. Member of Sports Committee 2015-19.
- d. Member of Canteen Committee 2017 to till date.
- e. Member of Feedback Committee 2017-19
- f. **Treasurer for Alumni Association** of P.B. Siddhartha College of Arts & Science during 2015-2019
- g. Served as **Incharge ANO 8 (A) NAVAL WING during 2001-2004.**
- h. Served as **NSS Programme Officer**, conducted many programmes like, Janma Bhoomi, Literacy & Awareness Camps, Plantation, Health Camps and Blood Donation Camps. **1995-2000.**

## **Community Service:**

Served through **Rotary Club** by conducted various programmes, adopted Slum areas for providing public toilets and bus stops, provided infrastructure facilities in Government Schools and served in different positions like Member - Rotarian, Governing Body Member, Sargent in-arms, Treasurer, Vice President and **President for Rotary Club of Vijayawada, (East), 2005-06**

## **RESEARCH PAPERS PUBLISHED:**

### **International:**

1. Published a paper entitled “ Bio-inspired green synthesis of nickel nanoparticles using sterculia foetida leaf extract and its application for removal of trivalent chromium from aqueous solution” in **Journal of INDIAN DRUGS, SCOUPS 60 (06) JUNE 2023.**
2. Published a paper entitled “Screening of Aegialitis Rotundifolia Roxb. leaves for their antioxidant potential, polyphenol content and flavonoid content” in **Journal of Indian Drugs,Scopus 60(04) April 2023.**
3. Published a paper entitled “Green synthesis of Zinc oxide nano particles using the leaf extract *Causonois Trifolia* and its applications on germination and growth enhancement of mustard seeds. **Asian Journal of Chemistry Vol.35 No.4 (2023)March 2023.923-928.**
4. Published a paper entitled “Green synthesis of Bimetallic ZnO-CuO Nano catalyst for the Hydro-dechlorination of 1,2-Dichlorobenzene and 3-Chlorophenol” in **Asian Journal of Chemistry Vol.35, No.3 (2023), February 2023 576-584.**
5. Published a paper entitled “Green synthesis of manganese oxide nano particles using *Kigelia Africana*(LAM) benth.Aqueous root extract and influence on chickpea (*Cicer arietinum* linn) Seed germination and plant growth. In **Journal of INDIAN DRUGS, SCOUPS 59 (04) April, 2022.**
6. Published a paper entitled “HPLC method development and validation of Lercanidipine HCL and atenolol, characterization of its degradants by LC-MS/MS” in **International journal of Applied Sciences.Vol 14,issue 2, Scoups 2022.**
7. Published a paper entitled “ Green synthesis , characterization, antioxidant, antibacterial and photocatalytic activity of *Suaeda maritime*(L) dumort aqueous extract mediated copper oxide nanoparticles” in **Journal of Genetic engineering and biotechnology,SPRINGER,Scoups,2021. (I.F. 3.82)**
8. Published a paper entitled “A study of Method Development and validation for simultaneous Estimation of Pemetrexed and cisplatin using RP – HPLC” in **J. Pharm. Sci. & Res. , Scoups-indexed Vol. 13(3), 2021, 143-148.**
9. Published a paper “Nano silver particles catalyzed synthesis, molecular docking and bioactivity of  $\alpha$ -thiazolyl aminomethylene bisphosphonates” in **Phosphorus, Sulfur, and Silicon and Related Elements, Taylor & Francis group, 2020, VOL. 195, NO. 5, 409–420, (ELSEVIER), SCOUPS.**
10. Published a paper entitled “Green synthesis of Ni nano particles using sterculiaFoetida leaf extract and application of Antioxidant photocatalytic and

antibacterial activity” in **Journal of Indian Chemical Society**, vol.96, Nov:2019, Pg Nos:1403 – 1408.(ELSEVIER)

**11.** Published a paper entitled ”**Alumini Hydroxide Gel & Its derivatives using Removal of Fluoride from Drinking water**” in the **Journal of Engineering Sciences International Research Journal**, IMRF Biannual Peer Reviewed ( Referred) International Journal, **SE Impact Factor 2.54, ISSN 2320-4338, Vol.7 Issue 2 Octo.2019.ELSEVIER**

**12.** Published *Electrochemical Analysis of Novel Schiff’s Bases Containing a Coumarin Moiety* in **Der Pharma Chemica**, ISSN 0975-413X, 10(12), **75-84.,2018, (SCOUPS).**

**13.** Published a paper entitled “*Rp-Hplc Method Development and Validation for the Simultaneous Estimation of Dolutegravir and Lamivudin in Drug Product*” In European Journal of Biomedical and Pharmaceutical sciences. ISSN 2349-8870, 5(7), 538-543, **2018. SJIF 4.918.**

**14.** Published a paper entitled, ”Heavy metal assessment in industrial ground water in and around Vijayawada”, International Journal of Aquatic Sciences and Technology, **13-27, 2014, 2320-6772, ISSN: 2008-8019 (I.F.2.902)**

**15.** Published a paper entitled, ”Sensing Ascorbic Acid with DNA/Purssian Blue Carbon Paste Electrode”, European Chemical Bulletin, Hungaria, **2014, 3(12):1136 - 1141, ISSN: 2063-5346.( I.F. 0.312)**

**16.** Published a paper entitled, ”Removal of Fluoride from drinking water by quaternary aminated resins from saw dust” , in **European chemical bulletin**, February,**2014; 3(3):242 – 246, ISSN: 2063-5346. (I.F.0.315)**

**17.** Published a paper entitled “Oxidation of DL-methionine by Imidazolium dichromate: kinetics and mechanistic study” in International Journal of current chemistry, Vol 5,no. 1-4, J-December **2014.**

**18.** Published a research paper entitled “*Oxidative regeneration of carbonyl compounds from oximes of pyridium fluoro chromate a kinetic & mechanism study*” in **Asian Journal of chemistry**, vol.25, No.5, **2013. 0970-7677.(I.F.0.542)**

**19.** Published a research paper entitled “*Structure –reactivity correlation in the oxidation of substituted benzaldehydes by tetraethyl ammonium chlorochromate*” in **Asian journal of Chemistry**, vol.23, No.3, **2011.(I.F.0.542)**

**20.** Published a research paper entitled “*Kinetics & Mechanism of the oxidation of DL-Methionine by imidazolium fluorochromate*” in **International journal of chemical sciences –Vol.8 (1943-1952), March 2010. ISSN 0.972-768X**

**21.** Published a research paper entitled “*Kinetics and Mechanism of Oxidation of DL-Methionine by Morpholinium Chlorochromate*” in “Oxidation Communications” (**International Journal – Bulgaria**), 31, No.4, 860-866 (**2008).(I.F.0.248)**

22. Published a research paper entitled "*Kinetics and Mechanism of Oxidation of Aliphatic Aldehydes by Quinolinium Bromochromate*" in "*Oxidation Communications*" (*International Journal – Bulgaria*), 30, No.1, 97-104 (2007) (SCOPUS), Impact Factor 0.361.

23. Published a research paper entitled "*Removal of Chromium(VI) from Industrial Effluents by Hydrous Aluminium Gel to its Derivatives*" in "*International Journal of Chemical Sciences*" in 5(5), 2237-2248, 2007.

24. Published a research paper entitled "*Bioaccumulation of Heavy Metals by Wheat and Raira Plants Grown in Contaminated Soils*" in *International Journal of Chemical Sciences*, 3(1), 2005, 91-98.(I.F.0.159).

### **RESEARCH PAPERS PUBLISHED:**

#### **National:**

1. Published a paper "Development and Validation of Adapalene & Dapsone in Bulk and pharmaceutical dosage form by RP – HPLC and its degradation" in **Journal of Emerging Technologies and Innovative Research**, ISSN 2349-5162, 6(6), 2019, 754-759 UGC Approved. ISSN: 2349-5162
2. Published a paper entitled "Extraction, quantitative determination and spectral identification of carnosic acid-A diterpene antioxidant from Rosmarinus officinalis in **INDIAN DRUGS 56 (05) may 2019**
3. Published a paper entitled "Oxidation of some vicinol and non-Vicinol diols by Imidazolium Dichromate: Kinetic and mechanistic Study", *Journal of Applicable Chemistry*, 6(6) – 1139 – 1148, 2017, 2278 – 1862. **UNIVERSAL IMPACT FACTOR: 1.206**
4. Published a paper entitled "*Trace analysis of heavy metals in ground waters of Vijayawada, Industrial area*, in *Journal of Environmental Science, Computer Science & Engineering Technology*, August 2016, Sec-A, Vol-5, No.3, 413-428, ISSN No.2278-179X.
5. Published a research paper entitled "*Oxidation of some organic sulphides by benzyl trimethyl ammonium chloro bromated, kinetic & mechanistic approach*" in *Journal of progress in reaction kinetics & mechanism of sciences* revias, vol.37, 263-276, 2012.
6. Published a research paper entitled "*Oxidation of Some unsaturated acids by tetraethyl ammonium chlorochromate*" in *International journal of chemical sciences*, Feb, 2010, vol-8(3)1567-1579.

7. Published a research paper entitled "*Oxidation of some thioacids by tetraethylammonium chloro chromate*" in *Journal of Indian chemical society*, vol 86, 1320-1324, December, 2009.
8. Published a research paper entitled "*Adsorption of Dyes on Saw Dust Phosphate; Kinetics and Equilibrium Studies: Reclamation of Textile Effluents*" in "*Indian Journal of Chemical Technology*" in vol.15, 146-154, March, 2008 ISSN 0975-0991 (CSIR).
9. Published a research paper entitled "*Treatment of Textile effluent by Cationic starches - Reclamation of waste water*" in *journal of Pollution Research*, 26(1):19-25, 2007.
10. Published a research paper entitled "*The Kinetics and mechanism of oxidation of aliphatic aldehydes by benzytriethylammonium chlorochromate*" in *Journal of Indian Chemical Society*, vol.83, February 2006, 191-194 (SCOPUS).
11. Published a research paper entitled "*Studies on the Removal of Wool Dyes by Sodium Hydroxide Treated Saw Dust*" in *Journal of Chemical & Environmental Research*, vol 15(1&2), 27-39, 2006.(I.F.0.254)

#### *INVITED / GUEST LECTURES*

1. Delivered a invited talk on "**Chromatographic Techniques**" in one day national workshop on "**Research Methodology-An interdisciplinary approach**" organized by **IQAC & Research Committee in collaboration with APSCHE** held on **13<sup>th</sup> December 2022** at AG & SG Siddhartha Degree college of arts & Science, Vuyyuru.
2. Delivered an Invited talk on **CHEMISTRY IN DAILY LIFE** in one day **INTRTERNATIONAL SEMINAR** on Emerging trends in chemistry and it's Allied sciences organized by **ROYAL SOCIETY OF CHEMISTRY (London, U.K)-local section deccan, india** and department of chemistry, the **Baptla College of Arts and Science, Baptla, on 23<sup>rd</sup> December,2019**
3. Delivered an **invited lecture** in two day UGC & APPCB sponsored *National Seminar* on "**Effect of Pollution on climatic changes**" on **29<sup>th</sup> & 30<sup>th</sup> September, 2010** by **Sri Ramakrishna Memorial College, Nagaram, Guntur.**
4. Delivered an *Invited Talk* on "**Green Synthesis Atom Economy**" in *National Seminar* on "**Popularisation of Green Chemistry**" organized by *Association of Chemistry Teachers (ACT)*, India held at **Sri Chaitanya Educational Institutions, Vijayawada, on 18-02-2011.**
5. A **guest lecture** was given on "**Nano Materials & its Applications**" held at Department of Chemistry, Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada held on **8<sup>th</sup> July, 2015.**

6. **Delivered an invited talk on “Separation Techniques - by Chromatography Methods”** in the two day national workshop organized by department of chemistry, A.G & S.G.Siddhartha College, Vuyuru in association with Association of Teachers on **3<sup>rd</sup> & 4<sup>th</sup> January, 2020.**
7. Acted as **judge** for the event of Demo Experiments Conducted on the eve of Chem Fest 2011, on **13<sup>th</sup> December, 2011** at Sri Durga Malleswara Siddhartha Mahila Kalasala.

#### **SEMINARS, CONFERENCES/WORKSHOPS 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, Vijayawada 28-29 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 & Characterization 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 member 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 Member of a two day workshop on **Radiochemistry** On 27 & 28<sup>th</sup> 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, Amravati during 7-9<sup>th</sup> 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 member of an 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 member 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 member 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.

#### **PAPERS PRESENTED AT SEMINARS / CONFERENCES:**

##### **International:**

1. Presented a paper “**Removal of Fluoride from drinking water by Lanthanum(III) treated fly ash in International Conference on Recent Advances in chemical, Pharmaceutical and Biological Sciences** organized by Department of Chemistry, Acharya Nagarjuna University during 5-7<sup>th</sup> march 2020
2. Presented a paper “**Aluminium Hydroxide Gel and It’s derivatives using Removal of fluoride from drinking water**” in International Conference on

**“Recent Advances in Chemical , Pharmaceutical and Life Processes”**Organized by Andhra University, Visakhapatnam during 13<sup>th</sup>-15<sup>th</sup> July, 2019.

3. Presented a paper **“Aluminium Hydroxide Gels (selected) and its derivatives using removal of Fluoride from drinking water”** in **International Conference on Innovations in Physics, Electronics and Chemistry** organized by **Andhra Loyola College (Autonomous),collaboration with IMRF Institute of Higher Education and Research, India, during October 21-22, 2019**
4. Presented a paper **“Removal of water pollutants by Adsorption Methods”**in **UGC Sponsored One day International seminar on Recent Developments and Applications of Physico-Chemical Characterization Techniques** at **Jagarlamudi Kuppuswamy Choudary College (Autonomous) on 4<sup>th</sup> January, 2019.**
5. Presented a paper entitled **“Nano materials and their Applications ”** in the **UGC sponsored one day International Seminar on Nanotechnology for the Future Energy Challenges** organized by **Departments of Chemistry and Physics, P B Siddhartha College of Arts & Science, Vijayawada** in association with **Andhra Pradesh Akademi of Sciences, Amaravathi** on **18<sup>th</sup> December 2018.**
6. Presented a paper *Removal of Cr (Vi) from Industrial Effluents by different gels* in an *International Symposium on “Effect of emissions & effluents on Environment, EEE-2011, on 23<sup>rd</sup> & 24<sup>th</sup> December, 2011* organized by **Department of Engeering chemistry, AU College of Engineering, Andhra University, Visakhapatnam.**
7. Presented a paper in the **47<sup>th</sup> Annual convention of chemists 2010 & International conference on Recent Research Advances in chemical sciences** held at **Pt. Ravi Shankar, Shukla University, Raipur, Chattisgarh, during 23<sup>rd</sup> to 27<sup>th</sup> December, 2010**
8. Presented a research paper in **International seminar** entitled **“Kinetics and Mechanism of the oxidation of some organic sulphides by Benzyltrimethyl Ammonium Chlorobromate”** in **45<sup>th</sup> Annual convention of chemists 2008** and **International conference on recent advances in chemistry** organized by **Indian Chemical Society at Karnataka University, Dharwad,** sponsored by **DST,CSIR, UGC & Institution of chemists, Kolkata** during **23-27 November, 2008.**
9. Presented a paper *‘Removal of Fluoride from drinking water by quaternary aminised resin from saw dust’* in the **47<sup>th</sup> Annual convention of chemists 2010 & International conference on Recent Research Advances in chemical sciences** held at **Pt. Ravi Shankar, Shukla University, Raipur, Chattisgarh,** between **23<sup>rd</sup> to 27<sup>th</sup> December, 2010.**

**National:**

1. Presented a paper “ Nano Chemistry every day life” in **UGC sponsored National seminar on Advanced Nanomaterials for energy and catalysis** organized by department of Nanotechnology, Acharya Nagarjuna University, Guntur during **20<sup>th</sup> and 21<sup>st</sup> February, 2023.**
2. Presented a paper “ **Recent techniques used in Biological sciences**” two day national seminar on “**Recent Advances in Biological Sciences**” organized by KBN college in collaboration with Krishna University, Machilipatnam held on **28<sup>th</sup> & 29<sup>th</sup> October 2022.**
3. Presented a paper “ **Importance of Polymers and its applications**” in **National seminar on Biodegradable polymers and its sustainable applications** organized by department of chemistry Rayalaseema University, Kurnool. During **26<sup>th</sup> October 2022**
4. Presented a paper “Studies on Adsorption of copper from Industrial Effluents by using Daturastermonium as adsorbent”in **UGC sponsored National seminar on Advances in chemistry and its allied sciences** organized by Department of chemistry, **Acharya Nagarjuna University, Guntur, during 17<sup>th</sup> and 18<sup>th</sup> March-2021.**
5. Presented a paper “Green Synthesis and characterization of metal Nano particle using plant extract in **UGC sponsored National seminar on Modern Applications of Chemistry in Engineering and Sciences** organized by department of chemistry, J.M.J college for Women (Autonomous), Tenali,on **22<sup>nd</sup> November, 2019**
6. Presented a paper “**removal of some inorganic pollutants from water by sawdust derivatives**” in **UGC Sponsered One day National Syposium “Innovative Advances and Impact of the Chemical Elements for Sustainable Development”**organized by **Jagarlamudi Kuppuswamy Choudary College (Autonomous), Guntur, on 31<sup>st</sup> December,2019.**
7. Presented a paper “**Removal of Fluoride from drinking water by selected Gel and its derivatives**” in **UGC and APPCB sponsored Two day National Seminar on Emerging materials for Green Environment** at **Andhra Loyola College (Autonomous) Vijayawada** during **5<sup>th</sup> and 6<sup>th</sup> March, 2019.**
8. Presented a paper entitled “**Defluoridation of Drinking Water by Modified Biopolymers**” in a two day National Symposium on **Challenges and Opportunities in Chemistry** organized by **Department of Chemistry, Bapatla College of Arts & Science, Bapatla** in association with **Bapatla Engineering**

College and Royal Society of Chemistry, London on 29<sup>th</sup> and 30<sup>th</sup> November 2018.

9. Presented a paper "*Synthesis of Novel Pyrazine Derivative to exploit their activities*" in **Andhra Pradesh Science Congress 2018 held at Yogi Vemana University, Kadapa during 9<sup>th</sup> -11<sup>th</sup> November, 2018.**
  
10. Presented a paper entitled "**Water Treatment by Nanomaterials**" in the UGC sponsored one day National Seminar on **Advanced Materials and Characterization organized by Department of Physics, P B Siddhartha College of Arts & Science, on 26<sup>th</sup> October 2018.**
  
11. Presented a paper entitled "**Novel Trends in Organic Chemistry**" in the UGC sponsored two day national symposium on **Emerging Trends in Organic Chemistry** organized by **Department of Chemistry, KBN College, Vijayawada in collaboration with Krishna University, Machilipatnam on 28<sup>th</sup> and 29<sup>th</sup> September 2018.**
  
12. Presented a paper entitled "**Chemical Literacy is Vital for Environment Care**" in the **International Conference on State of Knowledge of Chemistry in Industry and Environment**" organized jointly by **SVRM College, Nagaram and Journal of Applicable Chemistry during 22<sup>nd</sup> – 24<sup>th</sup> June 2018.**
  
13. Presented a paper entitled "*Study of Heavy Metals in Ground Water of Vijayawada Industrial Area by Trace Analysis*" in one day National seminar on *Novel Chemical Strategies for sustainable Environment* organized by **Department of Chemistry, P B Siddhartha College of Arts & Science, Vijayawada in association with AP Pollution Control Board on 22<sup>nd</sup> March, 2018.**
  
14. Presented a paper entitled "**Nano Medicine**" in UGC-APPCB two day Sponsored National seminar on **Environmental pollution public responsibility**, organized by **Department of Chemistry, Andhra Loyola College, Vijayawada held on 31<sup>st</sup> January and 1<sup>st</sup> February, 2018.**
  
15. Presented a paper "**Analysis of Heavy metal pollutants in water in and around, Vijayawada**" at **36<sup>th</sup> Annual National Conference of Indian Council of Chemists** held at School of Chemistry, **Andhra University, Visakhapatnam during 26<sup>th</sup> – 28<sup>th</sup> December, 2017.**
  
16. Presented a paper **Role of Chemistry in Materials Synthesis** in two day UGC-SERO Sponsored National Seminar on Recent Trends in Chemistry and Physics of Materials (RTCPM- 2017) *organized by Departments of Chemistry*

*and Physics, SRR and CVR Govt Degree College, Vijayawada, during 15<sup>th</sup> and 16<sup>th</sup> September 2017.*

17. Presented a paper “Scenario of present education system in India” in two day **National Seminar** on “New Education Policy-Goals and imperatives” at **P.B.Siddhartha College of Arts and Science** Collaboration with **Andhra Pradesh State Council of Higher Education (APSCHE), Amaravathi** on **14<sup>th</sup> - 15<sup>th</sup> March, 2017.**
18. Presented a paper in the two day *International Seminar* on “*Materials for the Societal Advancement with Emphasis on Health and Energy*” organized by *Department of Physics, P B Siddhartha College of Arts & Science, in association with AP Akademi of Sciences (APAS) and A P State Council of Science and Technology (APCOST)* on **22<sup>nd</sup> and 23<sup>rd</sup> February, 2017.**
19. Presented a paper in *the Second AP Science Congress* jointly organized by *Krishna University, Machilipatnam. Acharya Nagarjuna University, Guntur, and NTR Health University, Vijayawada* held during **7<sup>th</sup> – 9<sup>th</sup> November, 2016.**
20. Presented a paper “Water Pollution” in *the MHRD, Ministry of New and Renewable energy and DST jointly sponsored National Seminar* on “*Solid Waste Management – Issues, Challenges and Opportunities*” organized by *PG Department of Chemistry, SRR and CVR Government Degree and PG College, Vijayawada* in Collaboration with *Dept of Biotechnology, ANU, Guntur and KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada* held on **16<sup>th</sup> and 17<sup>th</sup> September, 2016.**
21. Presented a paper **Study of heavy metals in water by trace analysis** in the **53<sup>rd</sup> Annual Convention of Chemists** organized by *Indian Chemical Society at GITAM University, Visakhapatnam*, sponsored by *DST, CSIR & UGC, New Delhi.* during **27<sup>th</sup> to 29<sup>th</sup> December, 2016**
22. Presented a paper **Nano in our life** in the *DST-MHRD sponsored National Seminar* on “*Advances in the Synthesis of Nano Materials and their Multi-Dimensional Applications in Chemical and Bio-sciences*” organized by *Department of Chemistry, Andhra Loyola College, Vijayawada* held on **14<sup>th</sup> and 15<sup>th</sup> September, 2016.**
23. Presented a paper **Metal pollutants and their impacts on human Health** in *National seminar on “Environmental protection and sustainable development issues and challenges* organized by the *Departments of Chemistry, Botany and Zoology, Sir C.R.Reddy College, Eluru,* on **22<sup>nd</sup> & 23<sup>rd</sup> September, 2016.**
24. Presented a paper **New Trends in Organic Synthesis** in **UGC Two day National Seminar** on **Advances in chemical Science** at **K.B.N College (Autonomous),** collaboration with **KRISHNA UNIVERSITY,** during **18<sup>th</sup> and 19<sup>th</sup> September-2015**

25. Presented a Paper **“Removal of AsIII and AsV from drinking water by combustion derived nanocrystalline MgO and ZnO powders”** in UGC sponsored National Seminar on **“Shaping the Future with Nano Science”** at P.B.Siddhartha College of Arts and Science, Vijayawada during 19-20 August-2015.
26. Presented a paper **“Green chemistry: Role and Importance in Sustainable Environment”** in Two day National Seminar on **“Applications of Green Chemistry In Sustainable Development”** at KVSRR Siddhartha College of Pharmaceutical Sciences in 29<sup>th</sup> and 30<sup>th</sup> July, 2015.
27. Presented a paper **“Silver nano particles supported on WO<sub>3</sub> nanostructure catalyst for selective oxidation of propylene to propylene oxide with molecular oxygen”** conducted by Indian Chemical Society 50<sup>th</sup> Annual Convention of Chemists 2013, held at Department of chemistry & Centre for Advanced Studies in chemistry, Punjab University, Chandigarh during 4<sup>th</sup> to 7<sup>th</sup> December, 2013.
28. Presented a paper entitled **“A Promising Technology for waste water treatment by Advanced Oxidation Processes”** conducted by 49<sup>th</sup> Annual Convention of Chemists 2012 held at Department of Applied Sciences, NITTTR, Bhopal, M.P during 12<sup>th</sup>-15<sup>th</sup> December, 2012.
29. Presented a paper: Removal of pollutants from Water in a National Conference on **“Emerging trends in Chemical Research”** sponsored by A.P.Coast, held at Gitam University, Visakhapatnam on September 7- 8<sup>th</sup>, 2012.
30. Presented a paper **“Effect of polymer molecular Weight and concentration weight of water”** in 48<sup>th</sup> Annual Convention of Chemists, Indian Chemical Society, 2011 hosted by Department of Chemistry, University of Allahabad, Allahabad during 12<sup>th</sup> to 16<sup>th</sup> March 2011
31. Presented a paper **“Different types of analytical techniques used in pharmaceutical chemists”** in National Seminar on **“Recent Trends in Pharmaceutical Chemistry”** organized by Krishna University & APSHE, AP. Pollution Control Board on 30<sup>th</sup> & 31<sup>st</sup>, January, 2011.
32. Presented a Research paper **“Removal of fluoride from drinking water by aluminium hydroxide gel and its derivatives”** in 98<sup>th</sup> Indian Science Congress held at SRM University, Chennai on 3<sup>rd</sup> to 7<sup>th</sup>, January, 2011.
33. Presented a paper **“Removal of Inorganic elements from waste water by hydrous Aluminium gel and its derivatives”** in the UGC sponsored National seminar on **“Environmental Pollutants & the periodical methods for their control** held at Dharma Appa Rao College on 8<sup>th</sup> and 9<sup>th</sup> February, 2010.
34. Presented a paper **“Kinetics and mechanism of oxidation of aliphatic aldehydes by different acids”** in the 46<sup>th</sup> Annual convention of chemists 2009 &

**International conference on *Recent research trends in chemical sciences* held at VIT University, Chennai during 2<sup>nd</sup> and 6<sup>th</sup> December, 2009.**

35. Presented a paper “ ***Role of Green Chemistry Pharmaceutical Industry***” in an UGC, DAE-BRNS & CSIR Sponsored “National Youth Forum on Green Energy Solutions Meeting Global Concerns” organized by **Maris Stella College, Vijayawada on 19<sup>th</sup> and 20<sup>th</sup> November, 2009.**
36. Presented a research paper “***Treatment of textile effluents by cationic starches***” in ***National conference on “Emerging advances in Chemistry***” organized by **Indian Association of chemistry teachers, Gayatri Vidya Parishad, Visakhapatnam on 14<sup>th</sup> and 15<sup>th</sup> November, 2009.**
37. Presented a paper “***Synthesis and spectroscopic study of some nanoorgano nickel (IV) derivatives of salicyldeneimine***” in UGC sponsored National Seminar on “***Nanotechnology***” organized by J.M.J.College, Tenali during **21-22<sup>nd</sup> August, 2009.**
38. Presented a paper in UGC sponsored National Seminar on “**The Promise of Nanoscience**” organized by **P.BS.College of Arts & Science,Vijayawada on 6<sup>th</sup> & 7<sup>th</sup> March,2009.**
39. Presented a paper “ **Polluted water in Environment**” in UGC sponsored National Seminar on “***Environmental Pollution with special reference to water pollution***” organized by **Sir C.R.Reddy College, Eluru on 12<sup>th</sup> December,2008.**
40. Presented and chaired a session in National seminar on “***Water and health (NSWAH-2008)***” organized by Science Division, Kakinada and Sponsored by **Board of Research in Nuclear Sciences, department of Atomic Energy, Bhabha Atomic Research Centre, Mumbai, Indian National Committee on Hydrology, Rurkee and Chaitanya PG College, Kakinada during September 6 – 7, 2008.**
41. Presented a paper “***Green Synthesis in some Organic Reactions***” in the **National seminar on “Green organic synthesis in pharmaceuticals an overview**” sponsored by Aptituit Larus organized by P.B. Siddhartha College of Arts & Science, Vijayawada on **15<sup>th</sup> December, 2007.**
42. Presented a paper ‘***Removal of Pollutants from drinking water***’ in the **National Seminar on “Modern Trends in Chemistry Education**” under the auspices of Indian Association of Chemistry Teachers (IACT - Southern Zone) at GITAM College, Visakhapatnam during **21-22 December, 2006.**
43. Presented a paper “***Role of Food in Women Health***” in UGC sponsored National Seminar on “***Women’s Role in Environment, Health and Food – ‘A FUTURISTIC VIEW’***”, organized by **Maris Stella College, Vijayawada, on 24<sup>th</sup> & 25<sup>th</sup> August, 2006.**
44. Presented two papers entitled “***Removal of Chromium (VI) from industrial effluents by Hydrous Aluminium gel and its derivatives***” and “***Study on the***

*quality of water from aquaculture ponds*”, UGC sponsored Regional Seminar on **Environmental Pollution with Special Reference to Pesticide Pollution** at **P.B. Siddhartha College of Arts & Science, Vijayawada during 28-29 July, 2006**

45. Presented two research papers in the National Seminar on **Recent Advances in Analytical Chemistry (RAAC-2004)** at **Jai Narayan Vyas University, Jodhpur** entitled “**Deflouridation of water by cationic derivatives**” abstract no..CP-36 and “**Uptake of heavy metals my cereals plants growing contaminated soils**” Abstract no.CP-56 during **Nov.-29 – Dec.01, 2004.**

### **WORKSHOPS PARTICPATIONS**

1. Participated in two day National Workshop on “**Separation Techniques - by Chromatography Methods**” organized by department of chemistry, **A.G & S.G.Siddhartha College, Vuyyuru** in association with **Association of Teachers** on **3<sup>rd</sup> & 4<sup>th</sup> January, 2020.**
2. Participated in a two day National Workshop on “**AYURSIDDHI**” hands on training on indigenous Medicine organized by Department of Botany, **P.B.Siddhartha College of Arts and Science, on 17<sup>th</sup> and 18<sup>th</sup> December, 2019.**
3. Participated in one day International workshop on “**Outcome based Education (OBE) – Possibilities and Challenges**” conducted by **ANR College, Gudiwada** under **Assistance of UGC Autonomous Grant** on **22<sup>nd</sup> November, 2019.**
4. Participated in a two day *National Workshop* on “**Radio Chemistry**” organized by *Indian Association of Nuclear Chimists and Allied scientists and Indira Gandhi Centre for Atomic Research, Kalpakkam* at **P.B.S.College of Arts & Science, Vijayawada, during 4<sup>th</sup> – 5<sup>th</sup> January 2019.**
5. Participated in one day work shop on “**Beat plastic Pollution with waste Management**” organized by **Central Institute of Plastics Engineering & Technology (CIPET), at P.B.S.College of Arts & Science, Vijayawada, on 27<sup>th</sup> September, 2018.**
6. Participated in a one day *Workshop* on “**Modern Spectroscopic Techniques and their Applications in Structure Determination** ” organized by the *Department of Chemistry* in association with **IQAC** by **A.G & S.G. Siddhartha Degree College of Arts & Science, Vuyyuru** on **23<sup>rd</sup> September, 2017.**
7. Participated in one day workshop on “ **Small Molecule Analysis by NMR Spectroscopy and Mass Spectrometry**” organsied by **Department of Chemistry, Akkineni Nageswara Rao College, Gudiwada** on **25<sup>th</sup> March, 2017.**



8. Participated in a two day *National Workshop* on “*Recent Trends in Material Science, Nano Science & 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.
9. Participated in a workshop on “*Radio Chemistry*” organized by *Department of Chemistry, P B Siddhartha College of Arts & Science*, in association with *Indian Association of Nuclear Chemists and Allied Scientists (IANCAS), Kalpakkam* on **27<sup>th</sup> and 28<sup>th</sup> September, 2016**.
10. Participated in two day workshop on “*Radiation and its uses, Nuclear Power and Environment*” organized by *Department of Physics, P B Siddhartha College of Arts & Science*, in association with *Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam* during **27<sup>th</sup> and 28<sup>th</sup> February, 2016**.
11. Participated in a *workshop* on “*DNA Finger Printing*” organized by *Department of Zoology & Botany, P.B.S. College of Arts & Science* on **21st January, 2012**.
12. Participated in a *workshop and conference* “*Siddhartha Alalyticon – 2011*” organized by *K.V.S.R.Siddhartha College of Pharmaceutical Sciences, Vijayawada* held on **1<sup>st</sup> November, 2011**.
13. Participated in a *Workshop* on “*Recent Analytical Methods*” sponsored by *UGC and organized by P.B.S.College of Arts & Science, Vijayawada*, during **22- 23<sup>rd</sup> July, 2011**.
14. Participated in the *National level workshop* on “*Radio Chemistry*” Jointly organized by the *Indian Association of Nuclear Chemists and Allied Scientists* and the *Department of Chemistry, Andhra Loyola College*, on **24<sup>th</sup> October, 2009, Vijayawada**.
15. Participated in *UGC* sponsored *National Workshop* on “*Instrumental Techniques in Chemistry (WINTEC 2007)*” held at *Annamalai University, Tamilnadu* during **3-4 November, 2007**.
16. Participated in “*National Workshop On Green Chemistry - 2006*” at *Osmania University, Hyderabad* during **24 – 25<sup>th</sup> January, 2006**.
17. Attended and participated in *59<sup>th</sup> National Workshop* on “*Radiochemistry and Applications of Radio isotopes*” sponsored by *Board of Research in Nuclear Sciences, DAE* conducted by *GITAM, Visakhapatnam* and *Indian Association of Nuclear Chemists and Allied Scientists (IANCAS)* during **21-29, November, 2005**.
18. Participated in the *workshop* on “*Patent Awareness*” held at, *GITAM, Visakhapatnam*, sponsored by the *PFC, Technology Information, Forecasting*

and Assessment Council, **Department of Science and Technology**, Government of India, *New Delhi, on 30<sup>th</sup> July, 2005.*

#### **SEMINARS / CONFERENCES ATTENDED:**

##### **International:**

1. Participated in International Seminar on **“Technologies and innovations for societal advancement** “organized by **AP Akademy of Sciences & AP Science City** held at **AG&SG Siddhartha Degree College of Arts & Science, Vuyyur** on **20<sup>th</sup> December, 2018.**
2. Participated in **one day International Symposium on Recent Trends in Chemical Biology**, held at **University College of Science, Osmania University, Hyderabad 28<sup>th</sup> November, 2018.**
3. Participated in *Asian Symposium on Medicinal Plants, Spices and Other Natural Products (ASOMPS)-XIII-2008*, held at *IICT, Hyderabad*, during **3-6<sup>th</sup> November, 2008.**
4. Attended and participated in *“International Symposium on Advances in Organic Chemistry (INSOC) – 2006”* at **Mahatma Gandhi University, Kottayam (Kerala)** during *9-12 January, 2006.*

##### **National:**

1. Participated in **One day National Seminar on “Modern Tools in Evaluation – A shift from Quantitative to Qualitative Techniques”** organized by **Ch.S.D.ST.Theresa’s College for Women(A), Eluru** funded **RUSA 2.0 Under Component – 8** held on **5<sup>th</sup> December, 2019.**
2. *Participated in one day Faculty Development Program on “ Intellectual Property Rights IPRs) & Innovation”* conducted by *Department of Business Administration with IQAC, PVP Institute of Technology, Kanuru, Vijayawada* on **29<sup>th</sup> April 2019.**
3. Participated in **two day National Seminar on “Scenario of present education system in India - New Education Policy-Goals and imperatives”** at **P.B.Siddhartha College of Arts and Science** Collaboration with **Andhra Pradesh State Council of Higher Education (APSCHE), Amaravathi** on **14<sup>th</sup> - 15<sup>th</sup> March, 2017.**
4. Participated In **National Seminar** on **“Conjunctive use of Surface Water and Ground water”** organized by **Water Resources Department – Ground Water**

**Wing, Govt, of A.P, co convened by V.R.Siddhartha Engineering College, Vijayawada on 11<sup>th</sup> & 12<sup>th</sup> February 2016**

5. Participated in one day Seminar on **“Chemistry for the Sustainable Development”** organized by the Royal Society of Chemistry, AP Akademy of Sciences held at Krishna University, **Dr. MRAR PG Centre, Nuzvid on 26<sup>th</sup> September, 2015.**
6. Participated in one day seminar on **“Solar energy for Green Environment”** organized by Faculty of Engineering Chemistry, Department of Freshman Engineering held at **P.V.P. Siddhartha Institute of Technology, Vijayawada on 31<sup>st</sup> March, 2015.**
7. Participated in Seminar on **“Recent Trends in Synthetic Organic & Natural Product Chemistry”** organized by **Department of Chemistry, Noble College, Machilipatnam in association with Krishna University, Machilipatnam, held at Noble College, Machilipatnam on 20<sup>th</sup> & 21<sup>st</sup> February, 2015.**
8. Participated in a two-day national Seminar on **“Innovations in Higher Education”** organized by the Internal Quality Assurance Cell held at P.B.Siddhartha College of Arts & Science on **7<sup>th</sup> & 8<sup>th</sup> November, 2014.**
9. Participated in Seminar on **“The Role of Natural Product Chemistry in Drug Discovery”** organized by **Department of Chemistry, Krishna University, Machilipatnam, held at Siddhartha Auditorium on 11 & 12<sup>th</sup> September, 2014.**
10. Participated in the **101<sup>st</sup> “Indian Science Congress”** held at University of Jammu, Jammu from **February, 3<sup>rd</sup> to 7<sup>th</sup>, 2014.**
11. Participated in Seminar on **“National Poaster Symposium”** conducted by **Royal Society of Chemistry (London)-DS,Hyderabad and Krishna University, Machilipatnam, held at Siddhartha Auditorium on 21<sup>st</sup> December, 2013.**
12. Participated in a National Seminar on **“Modern Trends in Chemical Sciences”** conducted by Acharya Nagarjuna University, Guntur on **20<sup>th</sup> & 21<sup>st</sup> December, 2013.**
13. Participated **50<sup>th</sup> Annual Convention of Chemists 2013**, held at **Department of chemistry & Centre for Advanced Studies in chemistry, Punjab University, Chandigarh during 4<sup>th</sup> to 7<sup>th</sup> December, 2013.**
14. Participated in Seminar on **“Role of chemistry in Drug Discovery”** conducted by **Royal Society of Chemistry(London)-DS, Hyderabad and Krishna University, Machilipatnam, on 6<sup>th</sup> July, 2013.**
15. Participated in the **100<sup>th</sup> Indian Science Congress** held at **Calcutta University, Kolkata from January 3<sup>rd</sup>-7<sup>th</sup>, 2013.**
16. Participated in a National Conference on **“Emerging trends in Chemical Research”** sponsored by **A.P.Coast, held at Gitam University, Visakhapatnam on September 7- 8<sup>th</sup>, 2012.**

17. Participated in a National Seminar on *“Role of Chemistry in the present era”* conducted by the **Royal Society of Chemistry, (LONDON) –DS**, held at **Department of Chemistry, Krishna University, Dr.MRAR PG Centre, Nuzvid** on *25<sup>th</sup> August, 2012*.
18. Participated in a **99<sup>th</sup> Indian Science Congress Bhubaneswar** hosted by **KIIT University & NISER, Bhubaneswar** during 3<sup>rd</sup> to 7<sup>th</sup> January, 2012.
19. Participated in a National Seminar on *“New Frontiers in Chemical Research”* organized by **Department of Chemistry, University College of Sciences, Acharya Nagarjuna University, Guntur** on 19<sup>th</sup> November, 2011.
20. Participated in a National Seminar on *“Pharmaceutical Sciences in the New Century: Emerging Trends and Challenges with Emphasis on Environmental Aspects”* organized by **K.V.S.R.Siddhartha College of Pharmaceutical Sciences, Vijayawada** held on 16<sup>th</sup> September, 2011.
21. Participated in *98<sup>th</sup> Indian Science Congress* held at **SRM University, Chennai** on *3<sup>rd</sup> to 7<sup>th</sup>, January, 2011*
22. Participated in a National seminar on *“Nano Materials in Engineering Chemistry”* sponsored by **V.R.Siddhartha Engineering College, Vijayawada** on *13<sup>th</sup> September, 2010*.
23. Participated in National Seminar on *“Emerging Trends in Pharmaceutical Analysis”* organized by **K.V.S.S.College of Pharmaceutical Sciences**, on *4<sup>th</sup> & 5<sup>th</sup> February, 2009*.
24. Participated in *“Asian Symposium on Medicinal Plants, Spices and other Natural Products (ASOMPS) XIII - Natural Products in Drug Discovery”* organized by **Indian Institute of Chemical Technology (IICT), Hyderabad** sponsored by **DST, CSIR, UNESCO, IFS. OPCW** during 3-6 November, 2008.
25. Participated in **National Conference on “Green Chemistry and its Perspective”** organised by **Sant Gadge Baba Amravati University, Amravati**, on *11<sup>th</sup> & 12<sup>th</sup> February, 2008*.
26. Participated in **UGC sponsored National Seminar on “Agricultural Credit by Commercial Banks”** at **S.D.M.S.Mahila Kalasala, Vijayawada** during *21 – 22<sup>nd</sup> July, 2006*.
27. Participated in one day seminar on *“ Creative Art of Organic Synthesis and Herbal Medicines- new Opportunity for Chemists”* at **RVR &JC College of Engineering, Guntur** on *16<sup>th</sup> August 2003*.

**ONLINE INTERNATIONAL / NATIONAL FDPS / WEBINARS / WORKSHOPS  
/ COURSES / TRAININGS / SEMINARS**

Faculty Development Programmes			
1	1 <sup>st</sup> to 7 <sup>th</sup>	Kumaraguru College of	International Virtual Faculty Development

	September 2020	Technology, Coimbatore	Programme on “ Smart Technologies for Drug Design, Energy and Environment ( IFSDE-20)
2	17 <sup>th</sup> to 23 <sup>rd</sup> August, 2020	Department of Chemistry, GITAM School of Science, Bengaluru.	<b>One Week National FDP</b> on Unlock down 3.0: A Period of Reorienting the Teaching and Learning.
3	3 <sup>rd</sup> to 8 <sup>th</sup> August, 2020	Department of Chemistry, Yogi Vemana University, Kadapa	<b>Six day FDP</b> on Recent Developments in Chemical Research for Societal Applications
4	25 <sup>th</sup> to 30 <sup>th</sup> May 2020	SBVR College, Badvel, KADAPA District	<b>One week International FDP</b> on “ Technology Assisted Teaching and Virtual Learning Through ICT – Tools.”
5	18 <sup>th</sup> to 20 <sup>th</sup> May 2020	Codegnan IT Solutions in association with Department of Computer Science, PB Siddhartha College of Arts & Science and Computer Society of India- Vijayawada Chapter.	<b>Three day National Level FDP</b> on “Tools for Online Classroom Post Covid-19.”
6	12 <sup>th</sup> and 13 <sup>th</sup> May 2020	Krishna University, Machilipatnam in Association with AP State Council of Higher Education.	<b>Two day National Level Workshop</b> on “Modern Methods for Teachin- Learning Practices.”
7	07 <sup>th</sup> May 2020	Santhiram Engineering College, Nandyal in collaboration with Netaji Subhas Institute of Technology, Patna.	Research Methodology - Methods & Best Practices

S.No.	Dates	Name of the Organization	Topic
<i>Trainings/Courses</i>			
1.	7 <sup>th</sup> August 2020	<b>Coursera</b>	<b>Certificate course on”COVID-19 What You Need to Know” ( CME) Eligible</b>
2.	1 <sup>st</sup> November 2018	Dr.Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation, Chinna Avutapalli, Krishna Dt., A.P	<b>One Day Training Programme on “ Basic First Aid &amp; CRP”</b>

S.No.	Dates	Name of the Organization	Topic
<i>WEBINARS</i>			
1.	9 <sup>th</sup> August 2021	<b>National Institute of Disaster Management</b> , New Delhi, in collaboration with Department of	<b>Online Training Programme</b> on “ Online Process Orientation Programme on Child Centric, Disaster Risk

		Environmental Sciences, <b>Acharya Nagarjuna University.</b>	Reduction”
2.	29 <sup>th</sup> November -1 <sup>st</sup> December 2020	<b>Association of Chemistry Teachers</b> c/o. Homi Bhabha Centre for Science Education, Mumbai	<b>International Webcon</b> on “ Recent Advances in Chemistry Education and Chemical Research”
3.	22 <sup>nd</sup> September, 2020	Department of Biochemistry <b>Krishna University</b> Dr MRAR PG Centre, Nuzvid	<b>National level one day webinar</b> on “ <b>Evolution and treatment options of COVID-19</b> ”
4.	3 <sup>rd</sup> September, 2020	<b>IQAC, B J R Govt Degree College,</b> Narayanaguda, <b>Hyderabad</b>	<b>National Webinar</b> on Digital Transformation- Pedagogical Changes
5.	29 <sup>th</sup> August, 2020	PB Siddhartha College of Arts & Science, Vijayawada, Andhra Pradesh, India in association with <b>NHRD Network,</b> Vijayawada <b>Chapter</b>	<b>National Webinar</b> on New Education Policy – Implications to HR
6.	25 <sup>th</sup> August 2020	<b>UGC Women’s Studies Centre,</b> K.B.N. College, Vijayawada	<b>One day webinar</b> on “ <b>Women Nutrition in Immune Response Against COVID-19</b> ”
7.	19 <sup>th</sup> August 2020	Department of Chemistry, <b>SRM Institute of Science &amp; Technology,</b> Ramapuram Campus, Chennai-9	Webinar on “ Laboratory Safety Practices”
8.	12 <sup>th</sup> August, 2020	Department of Chemistry, <b>AG &amp; SG Siddhartha College</b> in Association with ACT, Mumbai.	<b>National Webinar</b> on Hydrogen Based Economy- Future Prospects
9.	27 <sup>th</sup> July, 2020	Department of Chemistry, <b>P B Siddhartha College of Arts &amp; Science,</b> Vijayawada	<b>National Webinar</b> on ICT Tools to Teach Online with Simulation Chemistry Labs
10.	24 <sup>th</sup> to 26 <sup>th</sup> July, 2020	<b>Andhra University,</b> Visakhapatnam and Andhra Pradesh Akademi of Sciences.	<b>Presented a talk</b> on “Alumini Hydroxide Gel & Its derivatives using Removal of Fluoride from Drinking water
11.	27 <sup>th</sup> June 2020	Department of Chemistry, <b>P B Siddhartha College of Arts &amp; Science,</b> Vijayawada	<b>International Webinar</b> on Functionalised Quinoxalines as SIRT 1 Inhibitors
12.	9 <sup>th</sup> June 2020	<b>Association of Chemistry Teachers</b> in collaboration with Madhav Post Graduate College, Ujjain & Kamala Nehru Maha Vidyalaya, Nagpur	<b>International webinar</b> on “Material Science (IWMS-2020).

13.	5 <sup>th</sup> and 6 <sup>th</sup> June 2020	<b>Andhra University,</b> Visakhapatnam and Andhra Pradesh Akademi of Sciences.	<b>two day webinar (FDP)</b> on “Enhancing research Effectiveness using Scopus, Sciencedirect and Mendely”
14.	26 <sup>th</sup> May, 2020	Department Of Chemistry <b>Adikavi Nannaya University</b> <b>Rajahmundry</b> In Association With Our Staffing Solutions Hyderabad.	“Intellectual Property Rights: " Current Issues and Challenges
15.	22 <sup>nd</sup> May 2020	KASC Funding Development Cell, <b>Kongu Ats and Science</b> <b>College (Autonomous), Erode</b>	Open Educational Resources
16.	18 <sup>th</sup> May 2020	S R Polytechnic College, <b>Sagar,</b> <b>Madhya Pradesh</b>	“Vastu Shastra- The Science of Dwelling”
17.	18 <sup>th</sup> May 2020	Department of Chemistry, Akkineni Nageswara Rao College, Gudiwada	<b>Online Talk</b> / Lecture on Online Lectures in Chemistry for CSIR aspirants
18.	15 <sup>th</sup> May 2020	<b>SRM University, AP</b>	<b>One day webinar on “Post COVID-19: Resurgence of Indian Industry and R&amp;D”</b>
19.	5 <sup>th</sup> and 6 <sup>th</sup> May 2020	<b>Kurukhetra University,</b> Kurukhetra in collaboration with Elsevier (Under the Aegis of PMMMNMTT, MHRD. Govt of India)	<b>Two day National FDP</b> on Analytical and Diagnostic Tools in Chemical and Life Sciences
Workshops			
1	26 <sup>th</sup> & 27 <sup>th</sup> August, 2020	<b>Krishna University</b> Dr MRAR PG Centre, Nuzvid	<b>Two day National Level</b> Workshop on Google Tools to Online Teaching