

## CURRICULUM VITAE

### **Dr. RAVI KUMAR DEVARAKONDA**

H/O S. Murali Krishna,  
H.No: 24-381/1, LIC Office Road,  
Employees Colony, Nuzvid.  
Krishna District -521201.  
Andhra Pradesh, India.  
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**Career objectives:** To be shine performer in Academics and Research.

**Research Interest:** Synthesis and Characterization of biologically active molecules and determination of drugs using novel analytical techniques.

**Date of Birth:** 08.07.1980

### **Educational Qualifications:**

- **Doctor of Philosophy in Chemistry** (2011) from Acharya Nagarjuna University, Andhra Pradesh.
- **Master of Philosophy in Chemistry** (2005) with “A” grade from Acharya Nagarjuna University, Andhra Pradesh.
- **Master of Science in Chemistry** (2003) with first division (66.7%) from Acharya Nagarjuna University, Andhra Pradesh.
- **Bachelor of Science in Mathematics, Physics and Chemistry**, (2001) with distinction (75.5%) from Kakatiya University, Andhra Pradesh.
- **Intermediate in Mathematics, Physics and Chemistry**, (1998) with first division (68.1%) from Board of Intermediate Education, Andhra Pradesh.
- **S.S.C.**, (1996) with first division (79.1%) from Board of Secondary Education, Andhra Pradesh.

### **Additional Qualifications:**

- Qualified **State Eligibility Test (SET-TS&AP-2014)** for eligibility for Assistant Professor/Lectureship in Chemical Sciences held on 15<sup>th</sup> February 2015 conducted by Osmania University, Hyderabad.

**Research Topic:**

“High Performance Liquid Chromatography (HPLC) and Spectrophotometric methods for the determination of selected drugs in pure and pharmaceutical formulations”.

**Teaching Experience:** (17 years)

- Appointed as Lecturer(Assistant Professor) in PG Chemistry by the selection committee of D.A.R. College, Nuzvid on the campus of ANU from 2004 to 2011 (Seven years) at D.A.R. College, Nuzvid.
- Appointed and serving as Assistant Professor (Adhoc) in Chemistry at Krishna University-Dr. MRAR PG Centre, Nuzvid from July 2011 to till date.

**Awards and Recognition:**

- Won a silver medal in S.S.C.
- Won a gold medal in M. Sc (Chemistry).
- Honored as Associate Fellow of Andhra Pradesh Academy of Sciences (APAS) on 9<sup>th</sup> November 2018.

**Administrative and Academic Experience:**

1. Coordinator in Chemistry at Krishna University Dr. MRAR PG Centre, Nuzvid from 16.09.2020 to till date.
2. Member for NAAC committee from Chemistry Department at Krishna University Dr. MRAR PG Centre, Nuzvid from 27.06.2020 to till date.
3. Member for Seminar hall Infrastructure related committee from Chemistry department at Krishna University Dr. MRAR PG Centre, Nuzvid from 27.06.2020 to till date.
4. Judge for National Science Day events -2020.
5. Member Grievance committee of Krishna University-Dr. MARR PG Centre, Nuzvid during 2015-16 Ac. Year.
6. NSS Programme Officer Unit-II at Krishna University Dr. MRAR PG Centre, Nuzvid from 16.07.2016 to 16.07.2019.
7. Judge for Krishna Pushkara Sambaralu, Govt. of AP conducted during 12<sup>th</sup> -23<sup>rd</sup> August 2016 at Krishna University-Dr. MRAR PG Centre ,Nuzvid.
8. Member Grievance committee of Krishna University-Dr. MARR PG Centre, Nuzvid during 2016-17 Ac.Year.

**University Examinations duties:**

1. Observer/KRU PG & MBA exams/Oct 2020 during 12.10.2020 to 17.10.2020.
2. Member/Special squad/ANU/B.Ed /Exams/ Feb 2018 during 21.02.2018 to 27.02.2018.
3. Observer/ANU/CDE PG & Professional exams/Jan 2017 on 29<sup>th</sup> Jan 2017.
4. Observer/ANU/CDE PG & Diploma courses/exams/Dec 2016 during 5-28 Dec 2016.
5. Observer/ANU/CDE PG & Diploma courses/exams/May 2016 during 21<sup>st</sup> May-11 June 2016.
6. Observer/ANU/CDE PG & Diploma courses/exams/Dec 2015 during 31 Dec-4 Jan 2015.
7. Examiner/Practical/ANU/Exams during 30<sup>th</sup> April and 1<sup>st</sup> May 2011.
8. Examiner/Practical/ANU/Exams during 28<sup>th</sup> and 29<sup>th</sup> April 2011.
9. Examiner/Practical/ANU/Exams during 26<sup>th</sup> and 27<sup>th</sup> march 2011.
10. Examiner/ External/Theory/ANU exams several times.
11. Examiner/Theory/KRU since 2016.

**Orientation/Refresher Courses/Training Programmes Participated:**

1. Participated in Royal Society of Chemistry Yusuf Hamied inspirational chemistry programme during 28<sup>th</sup> and 29<sup>th</sup> April 2019 at IIIT Nuzvid, RGUKT-AP.
2. Participated in state level training on PFMS & EAT module of NSS on 9<sup>th</sup> May 2018, conducted by NSS, Krishna University, Machilipatnam at Andhra Loyola College, Vijayawada.
3. Participated in the 202<sup>nd</sup> Orientation course organized from 28.09.2016 to 04.10.2016 by the University training and orientation centre, Andhra University, Vishakhapatnam held at Montessori Mahila Kalasala, Vijayawada.

➤ <b>Research Publications</b>	:National -19 : International-11
➤ <b>Seminars organized</b>	:08
➤ <b>Seminars participated</b>	: 43
➤ <b>Presented papers</b>	: 11
➤ <b>Webinars participated</b>	: 11

### **Registrations in Vidwan /Orcid etc.**

1. **ORCID iD:** <https://orcid.org/0000-0002-1220-6394>
2. **Google scholar:**  
<https://scholar.google.com/citations?hl=en&user=a6F8cqMAAAAI>
3. **Research Gate:** (Score 10.84) :  
<https://www.researchgate.net/profile/Devarakonda-Ravi-Kumar>

### **Seminars/Conferences/Workshops Organized:**

1. Member for APSC-2016 conducted by Krishna University, Acharaya Nagarjuna University and Dr.NTR University of health sciences during Nov 7-9, 2016.
2. Member for one day national poster symposium-II[AOMC-2013] conducted by The Royal Society of Chemistry (London)-Deccan section and Krishna University, Machilipatnam on 21<sup>st</sup> December 2013.
3. Member for one Day workshop conducted by NRDC and Krishna University-Dr MRAR PG centre, Nuzvid on 5<sup>th</sup> February 2013.
4. Member for one day seminar on[RCPE-2012] conducted by Krishna University-Dr. MRAR PG Centre, Nuzvid and the Royal Society of Chemistry (London)-Deccan section, Hyderabad on 25<sup>th</sup> August 2012.
5. Member for one day national seminar in Chemistry (CLF-2011) conducted by Krishna University-Dr. MRAR Campus, Nuzvid on 29<sup>th</sup> December 2011.
6. Co-Ordinator for two days national seminar in Chemistry (EPRMC) conducted by D.A.R. College, Nuzvid during 8<sup>th</sup> and 9<sup>th</sup> February 2010.
7. Member for two days national seminar on NSNMA-2009 conducted by D.A.R. College, Nuzvid during 10<sup>th</sup> and 11<sup>th</sup> December 2009.
8. Member for three days national seminar in Chemistry (NSRTME) conducted by D.A.R. College, Nuzvid during 19<sup>th</sup> -21<sup>st</sup> October 2005.

### **Book/Book Chapter published:**

1. D. Ravi Kumar and C. Rambabu, Analytical Assay of Betamethasone Pharmaceutical Dosage Forms by Visible Spectrophotometry, **New Innovations in Chemistry and Biochemistry Vol. 2, Chapter 2**, Print ISBN: 978-93-91882-28-0, eBook ISBN: 978-93-91882-38-9.B P international.

## RESEARCH PUBLICATIONS: 31

### National:

1. Sivannarayana,P., Ravi Kumar D., Rambabu, K. (2019) Validated RP-HPLC Method for the Simultaneous Determination of Tazobactam and Cefepime in Injectable Generic Combination Formulation, Jour. of Applicable Chemistry 8(3), 1439-1446.
2. Naga Raju, T., Ravi Kumar, D., Ramachandran, D. (2017) Assay of Valsartan and Sacubitril in Combined Dosage Form by RP-HPLC (Method Development and Validation. Journal of Applicable Chemistry, 6(5), 1004-1011.
3. Naga Raju, T., V.M. Vardhan,S., Ravi Kumar, D., Ramachandran, D. (2017) A New RP-HPLC Method for the Simultaneous Assay of Sofosbuvir and Ledipasvir in Combined Dosage Form, International Journal of ChemTech Research,10(7),761-768.
4. S.K. Sharma, R., Krishna Kumar, R., Ravi Kumar, D., Srikanth H, Havele., V. Murali Mohan Rao, S. (2017) Synthesis, characterzition, biological and pharmacological appilications of pyrazole-benothiazolamine conjugates. Asian Journal of chemistry, 29(5), 1029-1034.
5. Pullarao, B., Khasim Sharif, SD., Ravi Kumar, D., Ramachandran, D. (2016) Design, synthesis and biological evaluation of thiophene based pyrimidine-4-one derivatives as new type of anti microbial agents, Asian Journal of Chemistry, 28(9), 1997-2000.
6. Ravi Kumar, D., Vardhan, SVM., Ramachandran, D., Rambabu, C. (2013) Estimation of Betamethasone in Pharmaceutical Dosage Forms by Visible Spectrophotometry, Asian Journal of chemistry, 25(4), 2153-2155, (2013)
7. Srinivasa Rao, M., Ravi Kumar, D., Shanmukha kumar, JV., Ramachandran, D. (2013) Novel spectrophotometric methods for the assay of tenofovir Disoproxil Fumarate in bulk and dosage forms, International journal of pharmaceutical sciences Review and Research, 18(1), 18-20.
8. Venkata Rao, SV., Ramu, G., Ravi Kumar, D., Rambabu, C. (2012) A new isocratic RP-HPLC method development for the assay of Granisetron HCl in API and dosage forms, Rasayan Journal of Chemistry, 5(2),229-233.
9. Sivarama Krishna, V., Ravi Kumar, D., Malleswara Rao, NV., Rambabu, C. (2012) Method Development and determination of Valacyclovir Hcl in pharmaceutical dosage forms by visible spectrophotometry, International Journal of PharmTech Research, 4(3), 1009-1014.

10. Srinivasa Rao, M., Ravi Kumar, D., Sivarama Krishna, V., Ramachandran, D. (2012) Visible spectrophotometric methods for the quantitative estimation of Milnacipran in their formulations, International Journal of PharmTech Research, 4(3),970-974.
11. Sivarama Krishna, V., Sudha Lakshmi, PB., Ravi Kumar, D., Rambabu,C.( (2012) Spectrophotometric determination of Valacyclovir HCl through oxidative coupling reaction in bulk and its pharmaceutical preparations, International Journal of ChemTech Research,4(1),138-142.
12. Srinivasa Rao, M., Ravi Kumar, D., Vardhan, SVM., Ramachandran, D. (2011) Development of validated spectrophotometric methods for the assay of Abacavir sulfate in bulk and pharmaceutical formulations, International Journal of ChemTech Research, 3(3),1200-1202.
13. Srinivasa Rao, M., Murali Krishna ,CH., Ravi Kumar, D., Vardhan, SVM., Rambabu,C.( (2009) Determination of Gemcitabine in tablet dosage forms by visible spectrophotometric methods, ANU J.Phy.Sci, 1(1), 24-28.
14. Naga Lakshmi,V., Ravi Kumar, D., Vardhan, SVM., Rambabu, C. (2009) Validated spectrophotometric determination of Tadalafil in Pharmaceutical formulations, Oriental journal of chemistry, 25(3), 791-794.
15. Srinivasa Rao, M., Vardhan, SVM., Ravi Kumar, D., Rambabu,C.(2008) Quantitative analysis of Gemcitabine in commercial dosage forms by UV-Visible spectrophotometry, Oriental journal of chemistry, 24(3), 1025-1028.
16. Ravi Kumar, D., Naga Lakshmi,V., Vardhan, SVM., Rambabu, C. (2008) Visible spectrophotometric methods for the quantitative estimation of Eplerenone in their formulations, Material Science Research India, 5(2), 481-484.
17. Ravi Kumar, D., Naga Lakshmi,V., Vardhan, SVM., Rambabu, C. (2008) Determination of Mirtazapine in tablet dosage forms by visible spectrophotometry, Biosciences and Biotechnology Research Asia, 5(2), 863-866.
18. Ravi Kumar, D., Vardhan, SVM., Ramachandran, D., Rambabu, C. (2008) Novel spectroscopic methods for the determination of phenolic  $\beta$ -lactam antibiotic (Cefprozil) in bulk and dosage forms, Oriental journal of chemistry, 24(2), 617-622.
19. Ravi Kumar, D., Vardhan, SVM., Ramachandran, D., Rambabu, C. (2008) Development of new spectrophotometric methods for the determination of Alfuzosin hydrochloride in bulk and pharmaceutical formulations, Oriental journal of chemistry, 24(2),725-728.

## International:

1. Rasvan Khan, P., Deepti, K., P.Kamble Dhanraj, P., Ravi Kumar ,Devarakonda., Naga Raju, Talam., Kavuluri, Pushpalatha., Mandava V. Basaveswara Rao. (2021). Magnesium catalyzed biphasic solvent mediated microwave assisted synthesis of 5-hydroxymethyl furfural. Chemical data collections, 34,100728.
2. Neerada, Perupogu., Ravi Kumar, Devarakonda., Ramachandran, Dittakavi.(2020). Anti cancer activity of newly synthesized 1,2,4-Oxadiazole linked 4-(Oxazolo[5,4-d] pyrimidine derivatives. Chemical data collections, 27,100363.
3. Mohan, Bavireddi., Ravi Kumar, D., S.K. Sharma, R., V. Murali Mohan Rao, S., V.S. Venugopal, N. (2019) Validated RP-HPLC method for estimation of related impurities in Dasatinib. Eurasian Journal of Analytical Chemistry, 15(1),51-58.
4. Mohan, Bavireddi., S.K. Sharma, R., Ravi Kumar, D., V. Murali Mohan Rao, S., V.S. Venugopal, N. (2019) Determination of genotoxic alkylp-toulene sulfonates in Cabazitaxel using LC-MS method. Current Pharmaceutical Analysis,15(7),753-761.
5. Pullarao, B., Khasim Sharif, SD., Ravi Kumar, D., Ramachandran, D. (2018) Synthesis and characterization of novel benzimidazole connected pyrazoles as novel antibacterial agents. European Jour. of Biomed and Pharm.Sciences, 5(3), 259-264.
6. S.K. Sharma, R., Krishna Kumar, R., Ravi Kumar, D., Srikanth H, Havele., V. Murali Mohan Rao, S. (2017) Synthesis, biological evaluation and characterzation of Thiazolidine-4-one derivatives as antihyperglycemic agents. International Journal of Pharmaceutical Research, 9(1), 51-56.
7. Krishna Kumar, R., S.K. Sharma, R., Ravi Kumar, D., Srikanth H, Havele., V. Murali Mohan Rao, S. (2016) Synthesis, characterization and biological study of new benzoxazole based sulphonamide derivatives. Der Pharma Chemica, 8(20), 114-120.
8. Krishna Kumar, R., S.K. Sharma, R., Ravi Kumar, D., Srikanth H, Havele., V. Murali Mohan Rao, S. (2016) Characterization, synthesis and biological evaluation of naphthalene based piperazines as antibacterial agents. Der Pharma Chemica, 8(18), 374-379.
9. Sivarama Krishna, V., Ravi Kumar, D., Balamuralikrishna, K., Rambabu, C. (2014) Development and validation of stability indicating RP-HPLC method for the determination of Clopidogrel bisulphate in bulk and its dosage forms, Der Pharma Chemica, 6(2), 366-374.

10. Satyanarayana, B., Murali Krishna, P., Ravi Kumar, D., Ramachandran, D. (2013) Preparation and biological evaluation of phenothiazine derivatives, Journal of Chemical and Pharmaceutical Research, 5(5), 262-266.
11. Pulla Reddy, S., Vardhan, SVM., Ravi Kumar, D., Shanmukha kumar, JV., Ramababu, C. (2012) Development and validation of RP-HPLC method for the estimation of Raloxifene in marketed formulations, Analytical chemistry letters, 2(6), 258-262.
12. Tirumaleswara Rao, B., Sudheer, CH., Ravi Kumar, D., Rambabu, C. (2012) Spectrophotometric method for assay of Sulfasalazine in bulk and pharmaceutical formulations, International Journal of Pharmaceutical Research, 4(3), 114-115.

**Paper presented in Seminars/ Conferences/Workshops etc:**

1. Ravi Kumar, D., Siva Ramakrishna, V., Benjamin, T., Naga Raju, T., Ramachandran, D. (2020) Development and validation of RP-LC method for Aripiprazole in pharmaceutical formulations in International Conference during 5<sup>th</sup> - 7<sup>th</sup> March-2020 at Acharya Nagarjuna University, Guntur.
2. Ravi Kumar, D., Sharma SK, R., Gopala Krishna, D., Rajasekhar, M., Mohini, G. (2019) 'Synthesis and characterization of potential impurities in Chronic Myelogenous Leukemia (CML) drug substances' in Three days AP Science Congress-2019 during 28<sup>th</sup> -30<sup>th</sup> November 2019 at Dr. B.R. Ambedkar University, Srikakulam.
3. Ravi Kumar, D (2018) Determination of genotoxic impurity hydrazine in Ursodeoxycholic acid using RP-LC method. Three days AP Science Congress-2018 during 9-11 November 2018 at Yogi Vemana University, Kadapa.
4. Ravi Kumar, D., Naga Raju, T., Pushpa Latha, K., VM Vardhan, S., VVS Ramarao, P. (2018) Role of Chemistry in Industry and Environment. Three days international conference on State of knowledge of chemistry in industry and Environment on 22<sup>nd</sup> - 24<sup>th</sup> June 2018 jointly organized by SVRM college, Nagaram and Journal of Applicable chemistry.
5. Venkateswara Rao, L., Naga Raju, T., Ravi Kumar, D., Vardhan SVM. (2013) 'Impact of Excessive usage of mobile (cell) phones in developing countries on thyroid gland' in Three days international symposium on Environmental pollution, Nutrition & Genetics: A special symposium on cancer Biology & Therapeutics held at Vikrama Simhapuri University, Nellore during 27-29<sup>th</sup> December 2013.
6. Satyanarayana, B., Naga Raju, T., Ravi Kumar, D., Ramachandran, D. (2013) 'Synthesis and characterization of an antipsychotic agent of paliperidone' in Two



days national seminar on Modern trends in chemical sciences [MTCS-2013] held at Acharya Nagarjuna University, Nagarjuna Nagar on 20<sup>th</sup> and 21<sup>st</sup> December 2013.

7. Mohana Rao, S., Sreenivasulu, BV., Vardhan, SVM., Ravi Kumar, D., Ramachandran, D. (2012) 'A new LC-MS method for quantification of Pranlukast in human plasma and its application in pharmacokinetic studies' in Two days International seminar on Current trends in environmental toxicology and experimental therapeutics [ISETET-2012] held at Vikrama Simhapuri University, Nellore, A.P., during 18<sup>th</sup> - 19<sup>th</sup> December, 2012.
8. Vardhan, SVM., Ravi Kumar, D., Ramachandran, D. (2012) 'Application of statistics to pharmcovigilance studies' in Two days National seminar on modern trends in Mathematical and Physical Sciences held at D.A.R.Collge, Nuzvid during 20<sup>th</sup>.21<sup>st</sup> January, 2012.
9. Ravi Kumar, D., Naga Raju, T., Ramarao, PVVS., Ramachandran, D. (2011) 'Recent advances in molecular chemistry of fullerene' National seminar on Chemistry-Our life, Our future[CLF-2011] held at Krishna University-Dr. MRAR Campus, Nuzvid on 29<sup>th</sup> December,2011.
10. Sudha Lakshmi, PB., Ravi Kumar, D., Vardhan, SVM., Ramachandran, D.(2010) 'A study on physico –chemical characteristics of Bhadrachalam paper mill effluent, Bhadrachalam' in Two days National seminar on Environmental pollutants and the remedial methods for their control held at D.A.R.College, Nuzvid from 8<sup>th</sup> -9<sup>th</sup> February, 2010.
11. Sudha Lakshmi, PB., Ravi Kumar, D. (2009) 'Role of nanofilters in water purification' in Two days National seminar on nano materials & their applications held at D.A.R. College, Nuzvid from 10<sup>th</sup>-11<sup>th</sup> December 2009.

#### **Seminars/ Conferences/Workshops etc Participated:**

1. One day International seminar on Recent advances in Chemistry & its role in drug design on 12<sup>th</sup> July 2018 at Sri Siddhartha Pharmacy College, Nuzvid with RSC(London)-Deccan section and APAS , Amaravati.
2. Two days national seminar on Recent trends in Chemistry and Physics of materials (RTCPM-2017) during 15<sup>th</sup> and 16<sup>th</sup> September 2017 at SRR & CVR Govt. Degree college, Vijayawada.

3. One day international symposium on Recent innovations in Engineering materials (RIEM) on 31<sup>st</sup> August 2017 at SRKR Engineering College, Bhimavaram.
4. One day national seminar on Solid waste disposal and management to protect environment-Wealth from waste on 4<sup>th</sup> June 2017 organized by Journal of Applicable chemistry and Sri Siddhardha pharmacy college, Nuzvid.
5. Two days international seminar on materials for the societal advancement with emphasis on health and energy on 22<sup>nd</sup> and 23<sup>rd</sup> February 2017 at P.B. Siddhardha college of arts and science, Vijayawada.
6. One day workshop on Structure determination of compounds by spectroscopic techniques a problem solving approach on 28<sup>th</sup> October 2016 at ANR college, Gudivada.
7. Two days workshop on Radio chemistry on 27<sup>th</sup> and 28<sup>th</sup> September 2016 at PB Siddhartha college of arts and science, Vijayawada.
8. One day National workshop on Spectrophotometry and Chromatography held at Sir C R Reddy College, Eluru on 20<sup>th</sup> June 2016.
9. One day seminar on Chemistry for sustainable development(CSD-2015) held at Krishna University-Dr.MRAR PG centre, Nuzvid by The Royal Society of Chemistry (London)-Deccan section, Hyd and Krishna University, APAS, Krishna University and DAR College, Nuzvid on 26<sup>th</sup> September 2015.
10. One day seminar on Solar energy for green environment held at P.V.P siddhardha institute of technology, Vijayawada on 31<sup>st</sup> March 2015.
11. Two days National seminar on recent trends in synthetic organic & Natural Product chemistry held at Noble College, Machilipatnam during 20-21<sup>st</sup> February 2015.
12. International seminar on glasses and other functional materials organized by Department of Physics, Acharya Nagarjuna University during 11<sup>th</sup> -13<sup>th</sup> Dec 2014.
13. Two days national seminar on The role of natural product chemistry in drug discovery (RNPCDD-2014) held at Siddhartha Academy Auditorium organized by Krishna University, Machilipatnam on 11-12<sup>th</sup> September 2014.
14. Two days national seminar on shaping the future with green chemistry (SFGC-14) held at S.P.M.H. Kalasala, Machilipatnam on 27-28<sup>th</sup> June 2014.

15. Two days national seminar on Conceptual advances& impact of plant derived drugs on human diseases (NSCAPDHD-2014) held at Krishna University-Dr.MRAR PG centre, Nuzvid during 5-6<sup>th</sup> March 2014.
16. Two days national workshop on Green chemistry, its need and role in our society held at D.A.R. College, Nuzvid on 10<sup>th</sup> and 11<sup>th</sup> February 2014.
17. Two days national conference on Conservation of wet lands for sustainable development (CWSD-2014) held at Krishna University-Dr.MRAR PG Centre, Nuzvid on 1-2<sup>nd</sup> February 2014.
18. One day national seminar on Green chemistry-its impact on environmental protection held at Sir C.R. Reddy autonomous college, Eluru on 6<sup>th</sup> February, 2014.
19. One day national poster symposium-II on advances in Organic/Medicinal Chemistry [AOMC-2013] held at Siddhardha Academy, Vijayawada conducted by The Royal Society of Chemistry (London)-Deccan section and Krishna University on 21<sup>st</sup> December 2013.
20. Two days national seminar on recent trends in surface science and nanotechnology [RTSSN2013] held at PCMR College of Engineering and Technology, Vijayawada on 29<sup>th</sup> and 30<sup>th</sup> November, 2013.
21. One day seminar on Role of chemistry in drug discovery conducted by Royal society of Chemistry(London) DS, Hyd and Krishna University-Dr.MRAR PG centre at KRU-Dr.MRAR PG Centre, Nuzvid on 6<sup>th</sup> July 2013.
22. One day workshop on Intellectual property and innovation management in knowledge era organised by NRDC and Krishna University at Krishna University-Dr. MRAR PG Centre, Nuzvid on 5<sup>th</sup> February, 2013.
23. One day seminar on Role of chemistry in the present era conducted by Royal society of Chemistry(London).DS, Hyd and Krishna University-Dr. MRAR PG centre conducted at KRU-Dr. MRAR PG Centre, Nuzvid on 25<sup>th</sup> August 2012.
24. Two days National seminar on Chemistry of Natural products [CNP-2011] held at Krishna University, Machilipatnam from 28<sup>th</sup> -29<sup>th</sup> November, 2011.
25. Two days National seminar on Emerging technologies in pollution control for sustainable development held at S.V.R.M College, Nagaram from 18<sup>th</sup> -19<sup>th</sup> November, 2011.

26. Two days workshop on Recent analytical methods held at P.B. Siddhartha College of Arts & Science, Vijayawada from 22<sup>nd</sup> -23<sup>rd</sup> July, 2011.
27. A workshop on Chromatographic techniques held at K.B.N College, Vijayawada on 20<sup>th</sup> February 2010.
28. National seminar on Green organic synthesis in pharmaceuticals-An overview held at P.B. Siddhartha College of Arts & Science, Vijayawada on 15<sup>th</sup> December, 2007.
29. Three days National seminar on Recent trends in analytical techniques in monitoring the environment [NSRTME] held at D.A.R. College, Nuzvid from 19<sup>th</sup> - 21<sup>st</sup> October, 2005.
30. Regional Conference of Indian Council of chemists on Analysis of Pollutants in the Environment and Defluoridation techniques held at Acharya Nagarjuna University PG Centre on 23<sup>rd</sup> January, 2005.
31. National seminar on Physics of Non crystalline materials organized by Department of Physics, Acharya Nagarjuna University P.G. Centre, Nuzvid during 29<sup>th</sup> -31<sup>th</sup> Dec 2004.
32. National Workshop on Environment and pollution awareness [EPA-2004] held at D.R.W.College, Gudur on 7<sup>th</sup> August, 2004.

#### **Webinars participated:**

1. Participated in the One Day State Level Webinar on “ **One Year After Implementation of NEP-2020**” organized by Y.V. Rao Siddhartha College of Education, Kanuru, Vijayawada, held on 2<sup>nd</sup> February 2022.
2. Participated in international workshop on Environmental Sustainability on 28.01.2022 organised by Department of Chemistry Govt. Degree College, Srikakulam, Andhra Pradesh.
3. Participated one one week FDP on Chemistry for Societal Advancements from 26<sup>th</sup>-31<sup>st</sup> July 2021 organised by KL (Deemed to be) University.
4. Participated in National webinar on nano materials and their applications on 3<sup>rd</sup> August 2021, organised by Department of Chemistry, Krishna University, Machilipatnam and K.B.N. College, Vijayawada.
5. Participated in one day International webinar on Quality and Safety of Phytochemicals in Finished Products-Exogenous Components in Botanical Dietary Supplements on 9<sup>th</sup> August, 2021, Organised by Department of Chemistry, Krishna University College of Arts & Science, Machilipatnam

6. Participated in national level One Week Online FDP on "Research Methodology" organised by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur, India from 26<sup>th</sup> April 2021 to 01<sup>st</sup> May 2021.
7. Participated in two days National Level Online conference on "Impact of COVID-19 on lifestyle disorders" organized by the Department of Biochemistry, Maris Stella College(Autonomous), Vijayawada, Krishna District, Andhra Pradesh during 26<sup>th</sup> and 27<sup>th</sup> February, 2021.
8. Participated in the National Level One Day Online Workshop on "Evolution and Treatment Options of COVID-19" organized by the Department of Biochemistry, Krishna University Dr.MRAR PG Centre, Nuzvid, Krishna District, Andhra Pradesh on 22<sup>nd</sup> September, 2020.
9. Participating in One Day National Webinar on Intellectual property rights, Patent Application, Prosecution, Granting in Indian Perspective, Organized by IQAC Cell, Krishna University, Machilipatnam on 31-08-2020.
10. Participated in the two day National level online workshop on Goolge Tools to online Teaching, Organized by Krishna University Dr. MRAR PG Centre, Nuzvid on 26<sup>th</sup> and 27<sup>th</sup> August, 2020.
11. Participated three days international webinar on Chemistry for the Societal Advancement organized by Dr.B.R. Ambedkar University, Srikakulam and APAS Amaravati from 16-18<sup>th</sup> August 2020.
12. Participated in the National Webinar on NAAC Assessment and Accreditation Process organized by Krishna University, Machilipatnam in association with NAAC, Bangaluru on 04<sup>th</sup> August, 2020.
13. Participated in the Virtual Conference entitled Impact of Chemical Disasters on Biota organized by Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences from 24 to 26<sup>th</sup> July, 2020.
14. Participated in the two days national webinar (FDP) on Analytical and Daignostic tools in Chemical and Life sciences, organised by Andhra University, Vishakapatnam and APAS, Amaravati from 05.06.2020 to 06.06.2020.
15. Attended One Week Online FDP on Materials: Recent Trends & Engineering Applications during 02-07 June, 2020 organized by Gokaraju Rangaraju Institute of Engineering and Technology.

16. Participated in two days webinar on Modern methods for remote teaching learning practices, organized by Krishna University, Machilipatnam from 12 -13 May 2020.