

CURRICULUM VITAE

Dr. NAGARAJU TALAM

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EDUCATIONAL QUALIFICATIONS:

- ✓ **Doctor of Philosophy in Chemistry** (2019) from Acharya Nagarjuna University, Andhra Pradesh.
- ✓ **Master of Science in Chemistry** (2006-2008) with first division (64.45%) from Andhra University, Andhra Pradesh.
- ✓ **Bachelor of Science in Mathematics, Physics and Chemistry**, (2003-2005) with first division (69%) from Andhra University, Andhra Pradesh.
- ✓ **Intermediate in Mathematics, Physics and Chemistry**, (2000-2002) with first division (61.4%) from Board of Intermediate Education, Andhra Pradesh.
- ✓ **S.S.C.**, (2000) with first division (69%) from Board of Secondary Education, Andhra Pradesh.

ADDITIONAL QUALIFICATIONS:

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

Awards and Recognition:

- Honored as Associate Fellow of Andhra Pradesh Academy of Sciences (APAS) November 2020.

TEACHING EXPERIENCE (13 Years):

- ✓ Worked as lecturer in Chemistry PG from 2008 to 2011 (Three years) at Dr C S N Degree and PG College, Bhimavaram, Affiliated to Andhra University, Vishakapatnam.
- ✓ Working as Assistant Professor (Ad-hoc) in Chemistry from June 2011 till to date at Krishna University-Dr.MRAR C PG studeis, Nuzvid.

OTHER EXPERIENCE:

- ✓ Delivered guest lecture in B.Pharmacy from 2008 to 2011 (Three years) at Dr C S N Degree and PG College, Bhimavaram, Affiliated to Andhra University.

- ✓ Appointed and served as theory internal examiner for the examination of M.Sc (Chemistry) by Krishna University in 2016.

RESEARCH TOPIC:

- ✓ Development of new **UV-Visible Spectroscopic, HPLC and LC-MS** method for the analysis of pharmaceuticals.

University Examinations duties:

1. Observer/KRU B.Pharmacy & B.Ed/S.PI B.Ed/B.P.E.d/D.P.Ed exams/Apr 2021 during 26.03.2021 to 08.04.2021.
2. Member/Special squad/ANU/B.Ed /Exams/ Feb 2018 during 21.02.2018 to 27.02.2018.

Orientation/Refresher Courses/Training Programmes Participated:

1. Participated in Royal Society of Chemistry Yusuf Hamied inspirational chemistry programme during 28th and 29th April 2019 at IIIT Nuzvid, RGUKT-AP.

Paper presented in Seminars/ Conferences/Workshops etc:

International: 3

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 5th - 7th March-2020 at Acharya Nagarjuna University, Guntur.
2. 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 on 22nd - 24th June 2018 jointly organized by SVRM college, Nagaram and Journal of Applicable chemistry.
3. 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 Environmetal pollution, Nutrition & Genetics: A special symposium on cancer Biology &Therapeutics held at Vikrama Simhapuri University, Nellore during 27-29th December 2013.

National: 3

1. 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 20th and 21st December 2013.

- Two days National seminar on modern trends in Mathematical and Physical Sciences held at D.A.R.Collge, Nuzvid from 20th -21st January, 2012 (Paper presented).
- 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 29th December,2011.

SEMINARS/SYMPOSIUMS/WORKSHOPS ATTENDED: 23

- Certificate Training programme on GC, HPLC and Wet Analysis conducted by Active Pharma Labs, Dr.CSN College, Bhimavaram on 13th June, 2010 (Participated).
- Two days National seminar on Emerging technologies in pollution control for sustainable development held at S.V.R.M College, Nagaram from 18th -19th November, 2011 (Participated).
- Two days National seminar on Chemistry of Natural products [CNP-2011] held at Krishna University, Machilipatnam from 28th-29th November, 2011 (Participated).
- National seminar on Chemistry-our life, our future [CLF-2011] held at Krishna University-Dr.MRAR Campus, Nuzvid on 29th December, 2011 (Participated).
- Two days National seminar on modern trends in Mathematical and Physical Sciences held at D.A.R.Collge, Nuzvid from 20th -21st January, 2012 (Paper presented).
- One day seminar on Role of chemistry in the present era conducted by Royal society of Chemistry(London).DS,Hyd and Krishna University-Dr.MRA centre conducted at KRU-Dr.MRAR PG Centre, Nuzvid on 25th August 2012 (Participated).
- Two days International seminar on Current trends in environmental toxicology and experimental therapeutics [ISETET-2012] held at Vikrama Simhapuri University, Nellore, A.P., during 18th -19th December, 2012 (Paper presented).
- One day workshop on Intellectual property and innovation management in knowledge era held at Krishna University-Dr.M.R.A.R.P.G.Centre, Nuzvid on 5th February, 2013 (Participated).
- One day seminar on Role of chemistry in drug discovery conducted by Royal society of Chemistry(London) DS, Hyderabad and Krishna University-Dr.MRAR PG centre at KRU-Dr.MRAR PG Centre, Nuzvid on 6th July 2013.(Participated).
- Lecture sessions on Research Methodology conducted by KL University 9th July 2013 (Participated)
- Two days National seminar on recent trends in surface science and nanotechnology [RTSSN2013] held at P.C.M.R.College of Engineering and Technolgy, Vijayawada on 29th and 30th November, 2013(participated).
- Two days National seminar on Modern trends in chemical sciences [MTCS-2013] held at Acharya Nagarjuna University, Nagarjuna nagar on 20th and 21st December 2013 (Paper presented).

13. 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 21st December 2013 (Participated).
14. Three days International symposium on Environmental pollution, Nutrition & Genetics: A special symposium on cancer Biology & Therapeutics held at Vikrama Simhapuri University, Nellore during 27-29th December 2013 (Paper presented).
15. One day National seminar on Green chemistry-its impact on environmental protection held at Sir C.R. Reddy autonomous college, Eluru on 6th February, 2014 (Participated).
16. Two days National conference on Conservation of wet lands for sustainable development [CWSD-2014] held at Krishna University-Dr. MRAR PG centre, Nuzvid on 1-2nd February 2014 (Participated).
17. Two days National workshop on Green chemistry, its need and role in our society held at D.A.R.College, Nuzvid on 10th and 11th February 2014 (Participated).
18. Two days National seminar on shaping the future with green chemistry [SFGC-14] held at S.P.M.H.kalasala, Machilipatnam on 27-28th June 2014 (Participated).
19. 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 11-12th September 2014 (Participated).
20. 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 on 5-6th March 2014 (Participated).
21. Three days international seminar on glasses and other functional materials [ISGFM-2014] held at Acharya Nagarjuna University, N.Nagar during 11-13th December, 2014 (Participated).
22. Two days National seminar on recent trends in synthetic organic & natural product chemistry held at Noble College, Machilipatnam on 20-21st February 2015 (Participated).
23. 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 26th September 2015 (Participated).

RESEARCH PAPERS PUBLISHED: 8

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. 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. Novel spectrophotometric methods for the assay of Glibenclamide in pure and dosage forms, **Der Pharma Chemica**, 2012, 4(6):2449-2452, ISSN: 0975-413x.
5. Determination of Felodipine in bulk drug and its dosage formulations using bromophenol blue and bromothymol blue as reagents, **Am. J. Pharmtech Res.** 2013; 3(1) ISSN: 2249-3387.
6. Cost effective spectrophotometric methods for the analysis of Gemifloxacin in pure and pharmaceuticals, **Bulletin Of Pharmaceutical And Medical Sciences** (Bopams), Vol.2.Issue.3., 2014, E-ISSN:2341-4103.
7. A new stability indicating RP-HPLC assay method of Troxipide in API's [pure] and dosage forms, **Bulletin Of Pharmaceutical And Medical Sciences** (Bopams), Vol.2.Issue.4., 2014, E-ISSN:2341-4103.
8. A new validated stability indicating RP-HPLC method for the determination of Zifirlukast in pure and pharmaceuticals, **International Journal Of Engineering Research-Online**, Vol.2., Issue.6, 2014, ISSN: 2321-7758.

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 2nd February 2022.
- 2.
3. Participated in one day national webinar on Recent Advances In chemistry organized by Department of chemistry & IQAC Govt. G N A PG College, Bhatpara (C.G), 26th July 2021.
4. Participated one week FDP on Chemistry for Societal Advancements from 26th-31st July 2021 organized by KL (Deemed to be) University.
5. Participated in National webinar on nano materials and their applications on 3rd August 2021, organised by Department of Chemistry, Krishna University, Machilipatnam and K.B.N.College, Vijayawada
6. Participated one day FDP on CHEM ONLINE on 26th August 2021 organized by B V RAJU College, Bhimavaram.
7. Participated in 9-days national level online faculty development program on foregrounding the spectrum of character building in modern human life organized by department of humanities and sciences, Balaji institute of technology and science, Warangal from 25th June-03rd July 2021.

8. Participated in two days international E-conference on recent advances in chemical, physical and biological sciences organized by Nabira mahavidyalaya, Katol and Association of chemistry teachers(ACT) from 29th -30th june 2021.
9. Participated in one day workshop for faculty on Microsoft teams organized by Krishna University, Machilipatnam from 2nd July, 2021.
10. Participated in one day national webinar on Diversity Oriented Synthetic Strategies organized by department of pharmacognosy, school of pharmaceutical sciences, Vels institute of science and technology & advanced studies Chennai 18th June, 2021.
11. Participated in two days webinar on modern methods for remote teaching learning practices, organized by Krishna University, Machilipatnam from 12 -13 may 2020.
12. Participated in the two days national webinar (FDP) on Analytical and Diagnostic tools in Chemical and Life sciences, Organised by Andhra University, Vishakapatnam and APAS,amaravati from 05.06.2020 to 06.06.2020.
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 26th July, 2020.
14. Participated in the National Webinar on NAAC Assessment and Accreditation Process organized by Krishna University, Machilipatnam in association with NAAC, Bangaluru on 04th August, 2020.
15. Participated three days international webinar on Chemistry for the Societal Advancement organized by Dr.B.R.Ambedkar University, Srikakulam and APAS Amaravati from 16-18th August 2020.
16. Participated in on day National webinar entitled Challenges in Chemistry Research in the post COVID-19 era, organized by koneru Lakshmaiah Education Foundation-Deemed to be University, Vadedeswaram, Guntur, AP in association with Andhra Pradesh Akademi of Sciences, Amaravati, AP on 21st August, 2020.
17. 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.
18. Participated in one day webinar on The magnetometer XRS-next generation, low field nuclear magnetic resonance spectrometer, organized by SWAN Scientific on 05.11.2020.