

CURRICULUM VITAE

Dr. D. RAVI KUMAR

H/O M.Narasimha Rao,
H.No: 20-165, Opp.Rytu Bazar,
NUZVID. Krishna Disrtict-521201.
Andhra Pradesh, India.



e-mail: drkumar.orgchem@gmail.com

Phone: 9848954325

PERSONAL PROFILE

Name : **RAVI KUMAR
DEVARAKONDA**

Date of Birth : 08-07-1980.

Permanent Address : Dr.D.Ravi Kumar
S/O Anjaneyulu
H.No:5-163A
Chandragudem post
Mylavaram mandal
Krishna District-521230
Andhra Pradesh state.

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 15th 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".

AREA OF RESEARCH WORK:

- Development of new UV-Visible Spectroscopic, and HPLC method for the analysis of pharmaceuticals.
- Synthesis, characterization and biological evaluation of organic molecules.

RESEARCH EXPERIENCE: 12 years.

AWARDS AND HONOURS:

- Received gold medal for stood first in M.Sc (Organic Chemistry).
- Received silver medal for stood second in S.S.C.

EMPLOYMENT HISTORY: (12 years in teaching)

- 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 Academic consultant in Chemistry at Krishna University-Dr.MRAR PG Centre, Nuzvid from July 2011 to till date.

OTHER RELATED EXPERIENCE:

- Appointed as internal/external practical examiner for the examinations of M.Sc(organic chemistry) by Acharya Nagarjuna University from 2006 to 2012.

- Appointed as University observer for PG/Professional –I &III semester,V semester MCA by Acharya Nagarjuna University in 2006 at KVR College,Nandigama.
 - Appointed as theory internal examiner for the examination of M.Sc(organic chemistry) by ANU in 2010.
 - Appointed as Observer for the examinations of UG/PG/Diploma and professional courses by ANUCDE in Dec 2015 at Gowtham degree college,Vijayawada.
 - Delivered guest lecture on Organometallic chemistry at D.A.R.College,Nuzvid in 2012.
 - Appointed and served as theory internal examiner for the examination of M.Sc(Chemistry) by Krishna University in 2016.
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- Publications : 18
 - Seminars attended & presented papers : 25 & 06
 - Seminars organized :05
 - International conferences :02
 - National Conferences :22
 - Regional conferences :01
 - Workshops attended :05

LIST OF RESEARCH PAPERS PUBLISHED: 18

1. *Development of new spectrophotometric methods for the determination of Alfuzosin hydrochloride in bulk and pharmaceutical formulations, **Oriental journal of chemistry**, 24(2),725-728, (2008).ISSN No:0970-020X.*
2. *Novel spectroscopic methods for the determination of phenolic β -lactam antibiotic (Cefprozil) in bulk and dosage forms, **Oriental journal of chemistry**, 24(2), 617-622, (2008), ISSN No:0970-020X.*
3. *Determination of Mirtazapine in tablet dosage forms by visible spectrophotometry, **Biosciences and Biotechnology Research Asia**, 5(2), 863-866, (2008), ISSN: 0973-1245.*

4. *Visible spectrophotometric methods for the quantitative estimation of Eplerenone in their formulations*, **Material Science Research India**, 5(2), 481-484, (2008),ISSN No:0973-3469.
5. *Estimation of Betamethasone in Pharmaceutical Dosage Forms by Visible Spectrophotometry*, **Asian Journal of chemistry**, 25(4), 2153-2155, (2013),ISSN No:0970-7077.
6. *Quantitative analysis of Gemcitabine in commercial dosage forms by UV-Visible spectrophotometry*, **Oriental journal of chemistry**, 24(3), 1025-1028, (2008), ISSN No: 0970-020X.
7. *Validated spectrophotometric determination of Tadalafil in Pharmaceutical formulations*, **Oriental journal of chemistry**, 25(3), 791-794, (2009), ISSN No: 0970-020X.
8. *Determination of Gemcitabine in tablet dosage forms by visible spectrophotometric methods*, **ANU J.Phy.Sci**, 1(1), 24-28, (2009), ISSN No: 0976-0954.
9. *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, (2011),ISSN No:0974-4290.
10. *Spectrophotometric determination of Valacyclovir HCl through oxidative coupling reaction in bulk and its pharmaceutical preparations*, **International Journal of ChemTech Research**,4(1),138-142,(2012), ISSN No:0974-4290.
11. *Spectrophotometric method for assay of Sulfasalazine in bulk and pharmaceutical formulations*, **International journal of Pharmaceutical Research**, 4(3), 114-115, 2012,ISSN No:0975-2366.
12. *Visible spectrophotometric methods for the quantitative estimation of Milnacipran in their formulations*, **International Journal of PharmTech Research**, 4(3),970-974,July-Sep 2012, ISSN No:0974-4290.
13. *Method Development and determination of Valacyclovir Hcl in pharmaceutical dosage forms by visible spectrophotometry*, **International Journal of PharmTech Research**, 4(3), 1009-1014, July-sep 2012, ISSN No: 0974-4290.
14. *Development and validationa of RP-HPLC method for the estimation of Raloxifene in marketed formulations*, **Analytical chemistry letters**, 2(6), 258-262, 2012,ISSN No:2229-7928.

15. 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, April-June 2012, ISSN:0974-1496.
16. 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, Jan-feb 2013, ISSN No:0796-044X.
17. Preparation and biological evaluation of phenothiazine derivatives, **Journal of Chemical and Pharmaceutical Research**, 5(5),262-266,2013,ISSN:0975-7384.
18. 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),366-374,2014.ISSN:0975-413X.

LIST OF SEMINARS ORGANIZED: 05

- Member for three days national seminar in Chemistry (NSRTME) conducted by D.A.R.College, Nuzvid in October 2005.
- Co-Ordinator for two days national seminar in Chemistry (EPRMC) conducted by D.A.R.College, Nuzvid in February 2010.
- Member for one day national seminar in Chemistry (CLF-2011) conducted by Krishna University-Dr.MRAR Campus, Nuzvid in December 2011.
- Member for one Day workshop conducted by NRDC and Krishna University-Dr MRAR PG centre, Nuzvid in February 2013.
- Member for one day national poster symposium-II[AOMC-2013] conducted by The Royal Society of Chemistry (London)-Deccan section and Krishna University, Machilipatnam in December 2013.

LIST OF SEMINARS/SYMPOSIUMS/WORKSHOPS ATTENDED: 30

1. National Workshop on Environment and pollution awareness [EPA-2004] held at D.R.W.College, Gudur on 7th August, 2004.(Participated).
2. Three days National seminar on physics of non-crystalline materials (PNCM-2004) held at Acharya Nagarjuna University P.G.Centre,Nuzvid during 29-31 December,2004.(Participated).
3. Regional Conference of Indian Council of chemists on Analysis of Pollutants in the Environment and Defluoridation techniques held at Acharya Nagarjuna University P.G. Centre on 23rd January, 2005(Participated).

4. Three days National seminar on Recent trends in analytical techniques in monitoring the environment [NSRTME] held at D.A.R.College, Nuzvid from 19th -21st October, 2005.(Member).
5. National seminar on Green organic synthesis in pharmaceuticals-An overview held at P.B.Siddhartha College of Arts & Science, Vijayawada on 15th December, 2007. (Participated).
6. Two days National seminar on nano materials & their applications held at D.A.R.College, Nuzvid from 10th-11th December 2009.(Paper Presented).
7. Two days National seminar on Environmental pollutants and the remedial methods for their control held at D.A.R.College, Nuzvid from 8th -9th February, 2010. (Co-Ordinator and Presented a paper).
8. A workshop on Chromatographic techniques held at K.B.N College, Vijayawada on 20th February 2010.(Participated).
9. Two days workshop on Recent analytical methods held at P.B.Siddhartha College of Arts & Science, Vijayawada from 22nd -23rd July, 2011.(participated).
10. 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).
11. Two days National seminar on Chemistry of Natural products [CNP-2011] held at Krishna University, Machilipatnam from 28th -29th November, 2011.(Participated).
12. National seminar on Chemistry-our life,our future[CLF-2011] held at Krishna University-Dr.M.R.A.R.Campus, Nuzvid on 29th December,2011.(Participated).
13. 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).
14. 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 25th August 2012.(Participated).
15. 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).

16. 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).
17. 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 6th July 2013.(Participated).
18. 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).
19. 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).
20. 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).
21. Three days international symposium on Environmetal pollution, Nutrition & Genetics: A special symposium on cancer Biology &Therapeutics held ay Vikrama Simhapuri University, Nellore during 27-29th December 2013.(Paper presented).
22. One day national seminar on Green chemistry-its impact on environmetal protection held at Sir C.R. Reddy autonomous college, Eluru on 6th February, 2014.(Participated).
23. 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).
24. 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).
25. 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).
26. 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).

27. 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).
28. Two days national seminar on recent trends in synthetic organic & natural product chemistry held at Noble College, Machilipatnam on 20-21st February 2015. (Participated).
29. One day seminar on Solar energy for green environment held at P.V.P Siddhardha Institute of Technology, Vijayawada on 31st March 2015. (Participated).
30. 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).