

Dr. RAVULA MOGILI

Assistant Professor
Department of Chemistry
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Assistant Professor: 1. Department of Chemistry, Kakatiya Government college Hanumakonda, Telangana Since July- 2018
2. Department of Chemistry, Government Degree & P.G College, Bhadrachalam, Bhadradri –Kothagudem Dist. Telangana. May - 2013 to June- 2018

HOD: Department of Chemistry, Government Degree & P.G College, Bhadrachalam, Bhadradri –Kothagudem Dist. Telangana. (July 2015 to June 2017)

Ph.D.: Department of Chemistry, Kakatiya university (awarded in November- 2007)

M.Sc. Chemistry: Inorganic Chemistry, Kakatiya University Campus, Warangal, Telangana (awarded in 1997)

B.Sc. Chemistry: Kakatiya Government College, Hanumakonda, Osmania University, Hyderabad, Telangana (awarded in 1995)

Research Areas of Interest: Synthesis, Characterisation and Biological activity of metal complexes of Quinoxaline Schiff's Bases

Course Taught Previously

UG Theory courses: Chemistry all semester

UG Lab courses: Chemistry all semester

PG Theory courses: Inorganic Chemistry

PG Lab courses: Inorganic Chemistry all semester and Physical Chemistry sem-I&II

Publications

1. Metal complexes with anti cancer activity, Ramesh Bangalore, Sunnyvale, CA(US), Bharani Srikonda, Sunnyvale, CA(US), Ramakrishna Devarakonda, Sunnyvale, CA(US), St.Louis, MO (US), **Mogili Ravula**, Warangal (IN), Srihari Somu, Warangal (IN), Ramanarsimha Reddy, Warangal (IN), Ravindar Manchala Warangal (IN). US Patent Application Publication, Aug.19,2010, US 2010/0209537A1.
2. Synthesis and Spectral Charecterisation of Metal Complexes of Quinazolyl schiff bases. Journal of Indian Council of Chemists, K. Mamatha, **R. Mogili**, M. Ravindar and S. Srihari, Vol.24, No.1,2007,pp.1-
3. Synthesis and Antibacterial activity of some Quinazoline derivatives and their Metal Complexes. Oriental Journal of Chemistry, K. Mamatha, **R. Mogili**, M. Ravindar and S. Srihari, Vol.23, No.2,2007,pp.605-608B.
4. Synthesis and Charecterisation of OxoVenadium,Co(II), Ni(II), Cu(II) and Pd(II) Complexes of some Coumarin-Based Schiff bases. Journal of Indian Chemical Society, Rupini, K. Mamatha, **R. Mogili**, M. Ravindar and S. Srihari 84,2007, pp.1-3
5. Synthesis Charecterisation and Antimicrobial activity of some Quinoxaline derivatives and their Metal Complexes. Journal of Pharmacy and Chemistry, Vol.1, 2007,pp.35-39 R.Mogili, M. Ravindar, K. Mamatha, N. Padmaja and S. Srihari
6. Synthetic and spectral studies on Fe(III), Ni(II), Cu(II), Ru(II) and Pd(II) Complexes of some Phenylhydrazones. International Journal of Chemical Science K. Govinda Chary, K. Mamatha, **R. Mogili**, M. Ravindar and S. Srihari, 5(3), 2007,1039-1046
7. Synthetic and Spectral studies of OxoVenadium,Co(II), Ni(II), Cu(II) and Pd(II) Complexes of some Coumarin-Based Schiff bases. International Journal of Chemical Science. B. Rupini, K. Mamatha, **R. Mogili**, M. Ravindar and S. Srihari, 5(5), 2007,2203-2210
8. Synthesis and spectral and Antifungal studies on Fe(III), Ni(II), Cu(II), Ru(II) and Pd(II) Complexes of some Phenylhydrazones. International Journal of Computational intelligence, Research and Application. K. Govinda Chary, K. Mamatha, **R. Mogili**, M. Ravindar and S. Srihari, Vol.1No.2,2007,pp 199-205
9. Metal Complexes of some Phenyl hydrazones-Synthesis and Spectral Studies. Asian Journal of Chemistry. K. Govinda Chary, K. Mamatha, **R. Mogili**, M. Ravindar and S. Srihari Vol.20,No.20, 2008, pp 1437-1443
10. Synthesis and Spectral and Antimicrobial Activity of Zn(II),Cd(II) and Hg(II) Complexes of some Quinoxaline Schiff bases. International Journal of Modern Chemistry and Applied Science, **R. Mogili** and K. Somireddy 2016,3(2),378-381

11. Synthesis and Characterization of OxoVanadium(IV), Cr(III) and Mn(II) and Fe(III) Complexes of some Quinoxaline Schiff bases. Journal of Chemical and Pharmaceutical Sciences, **R. Mogili** and S. Srihari, Special Issue-2014 pp 51-53.
12. Synthesis and Spectral Characterisation of OxoVanadium(IV), Cr(III) and Mn(II) and Fe(III) Complexes of some Quinoxaline Schiff bases. International Journal of Research Culture Society. **R. Mogili** , Vol.2, 2018, pp 107-111.

Publications in Conference Proceedings

1. **Ravua.Mogili**, Structural studies on the metal complexes of Quinoxaline hydrazones of some carbonyl compounds in UGC sponsored National symposium on Emerging Research Trends and developments in Chemistry. University Arts & Science College, Kakatiya University Warangal, India during 16th and 17th December,2003.
2. **Ravua.Mogili**, Studies on Metal Complexes of Quinoxaline hydrazones in 23rd Annual Conference of Indian Council of Chemists. Organized by Department of Chemistry, KC College, Mumbai During 29th to 31st October-2005
3. **Ravua.Mogili**, Synthesis and Characterization of metal complexes of Quinoxaline Schiff bases, UGC sponsored National Seminar on Recent developments in Co-Ordination and Bio-Inorganic Chemistry Kakatiya University Warangal, India during 11th and 12th March-2005.
4. Synthesis and Spectral studies on Fe(III), Ni(II), Cu(II), Ru(II) and Pd(II) Complexes of Phenyl hydrazones. UGC Sponsored National Seminar on New Frontiers in Chemistry, Kakatiya University, Warangal, India During 23rd and 24th February-2007.

Short Term Training Courses /Workshops

1	Online STC on ICT Tools in Higher Education	UGC-HRDC, OU, Hyderabad	12.8.2020
2	Workshop on 'Teaching and Learning Nanoscience and Technology through Hands-on Experience	TLC, NIT, Warangal	10-02-2020

Convener of National seminar:

UGC Sponsored national seminar on "Emerging Trends and Challenges in Chemical Research". Department of Chemistry, Government Degree College , Bhadrachalam. 18th and,19thDecember 2015 .

FDPs/OCs/RCs Attended

1	Orientation Course (OC)	JNTU Hyderabad	06-02-2017	04-03-2017
2	Refresher Course (RC)	JNTU Hyderabad	08-08-2016	30-08-2016
3	Refresher Course (RC)	TLC, Ramanujan College, Delhi	22-04-2022	06-05-2022

Seminars attended

1. National workshop on modern chromatographic techniques and their applications in chemistry, Biochemistry and Pharmacy. 29th December 2003 to 2nd January 2004, Department of chemistry, NIT Warangal and Analytical chemistry Division, ICT-Hyderabad.
2. UGC Sponsored national seminar on recent developments in coordination and bioinorganic chemistry. Department of Chemistry, Kakatiya university, Warangal, during 11, 12, March, 2005.
3. UGC Sponsored national seminar on "New Frontiers in Chemistry", and bioinorganic chemistry. Department of Chemistry, Kakatiya university, Warangal, during 23 & 24, February, 2007.
4. National Seminar on "Shifting Paradigms on New Chemical Entities in India – Role of Process Chemistry, Department of Chemistry, C.K.M Arts and Science College, Warangal. February 22-23, 2014
4. National seminar on Recent Trends in Separation Processes in Pollution Control, Department of Chemistry, KRR Government College Arts & Science College, Kodad, Nalagonda, 12th & 13th July 2014
5. UGC Sponsored national seminar on "Emerging Trends and Challenges in Chemical Research". Department of Chemistry, Government Degree College, Bhadrachalam. 18th and 19th December 2015.
6. UGC Sponsored Two day National seminar on Role of Chemistry in Human Health and Environment. Department of Chemistry, J.V.R., Sathupally, Kammam, 27th and 28th January, 2017.
7. DST Sponsored Three day International Conference on Chemistry and Allied Sciences, Department of Chemistry, Pingle Govt College for Women (A), Hanumakonda, 25th, 26th and 27th August, 2022

8. RUSA Sponsored Two Day National Seminar on Recent Advances in Science and Technology for Sustainable Development, Department of Chemistry, Government Degree College for Women, Karimnagar, 16th and 17th September, 2022
9. RUSA & TSCHE Sponsored Two Day National Seminar on Recent Advances in Chemistry and Environmental Sciences, Department of Chemistry, Kakaatiya Govt College, Hnumakonda, 21st and 22nd September, 2022

Additional Responsibilities:

1. Member in College Research committee
2. Member in College Time –Table committee
3. Member in Alumni committee

Extension Activity:

- 1 Jury member 46th JAWAHARLAL NEHURU NATIONAL SCIENCE , MATHEMATICS & ENVIRONMENT EXHIBITION, STATE LEVEL SCIENCE EXHIBITION 2018-19
2. Jury member , INSPIRE-MANAK Warangal Rural District level exhibition and project competition, 8th to 10th January-2019.
3. Jury member , INSPIRE Awards –MANAK, Jayashankar Bhupalpally and Jangoan, exhibition and project competition, 7th to 9th January-2019