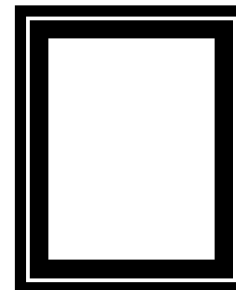


RESUME

Name : **AJAY KUMAR GUPTA**
Date of Birth : 5th September 1968
Academic Position : Professor in Chemistry
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Academic Qualifications

- 1-M.Sc. in Chemistry, 1st Division from Agra University, Agra in 1987.
- 2-Ph.D. In Chemistry from University of Rajasthan, Jaipur in 1992 under the supervision of Prof. R.N. Prasad.

Topic- Macrocyclic Complexes of Ni(II), Cu(II) and Zn(II)-Synthesis and Structural Studies.

Research Experience - Four Years

- 1-J.R.F. of C.S.I.R. project (36-45/87, 9026) entitled "Synthesis, Structural investigation and bioinorganic aspects of macrocyclic complexes of biologically important transition metals" Department of Chemistry, University of Rajasthan, Jaipur (February 1988 to February 1990).
- 2-S.R.F. of C.S.I.R. in the same project Department of Chemistry, University of Rajasthan, Jaipur (February 1990 to February 1991).
- 3- S.R.F. of C.S.I.R. (Direct){9/149(127)/91-EMR-I} Department of Chemistry, University of Rajasthan, Jaipur (January 1992to August 1992).

Field Of Specialization-

- 1-Macrocyclic Chemistry
- 2-Coordination Chemistry
- 3-Bioinorganic Chemistry

Teaching Experience- 31 Years

- 1-Lecture in Chemistry, September 1992 to 24th September 1998 in Alok Science College,Kekri (Ajmer)
- 2-Lecture in Chemistry ,25th September 1998 in Government P.G. College,Jhalawar (F1(46)EST./CCE/98/2837 Dated-22/09/1998).

Details of Last Promotions-

- 1-Assistant Professor (Senior Scale) (L-11), 25th September 2002,F1(11)PS/DCE/05/591 Dated-20/06/2006.
- 2- Assistant Professor (Senior Scale) (L-12), 25th September 2007,F1(8)PS/CCE/07/92 Dated-14/10/2010.
- 3-Associate Professor (PB-IV)(L-13A),25th September 2010,6654 by Principal,GCJ Dated 25/09/2010.
- 4-Professor (L-14) 31st July 2018,F1PS/CCE/13/Part/340 Dated21/04/2023.

Academic Counsellor

- 1-IGNOU Academic Counsellor For Programme CPLT
- 2- IGNOU Academic Counsellor For Programme PGDAC

Orientation/Refresher Courses attended-

- 1-Three week Refresher Course in Low Cost Chemical Instrumentation Sponsored by University of Delhi. Delhi and Organized by G.C. Ajmer (30/11/ 1995 to 20/12/1995).
- 2-21 days Refresher Course in Chemical Science Sponsored by UGC and Organized by ASC, MDS University, Ajmer(05/10/2005 to 25/10/2005).
- 3-20 days Refresher Course in Chemistry Sponsored by UGC and Organized by ASC, University of Rajasthan, Jaipur(30/04/2007 to 19/05/2007).
- 4- One day Orientation Programme for Academic Counselors by IGNOU and Organized by Government College, Bundi (04th February 2018).

Research Supervisor

University of Kota,Kota since 22/12/2007.

Members of Academic Bodies

- 1-Life Member of Indian Science Congress Association, L-15183, 25th November 2009.
- 2- Life Member of Rajasthan Science Congress Association, L-173, 11th May 2013.
- 3-Life Member of the Indian Chemical Society, F/7710(LM), 25th March 2014.

Technical Experience -

Microsoft Office Specialist for Office PowerPoint 2010 ,25th November 2018.

Administrative Experiences -

- 1-Worked as Observer in the University Examination at Government College,Jhalawar (2006-2016).
- 2-Member Of CM Scholarship (2015-2018).
- 3-NSS Programme Officer, Government College, Jhalawar(2011-2014).

Seminar/Conferences/Symposium Attended-

- 1-National Conference on "Human Rights are Women's Rights" (NCHRWR-2019) Organized by Government College, Jaipur, 27-28 September 2019.
- 2-National Conference on" Vertman shikshan-Tantra mai Bhartiya Sanskritik mulyo ki Aniwaryta" Organized by Shree Saty Sai P.G. Mahila College, Jaipur 20th February 2018.
- 3- National Seminar on "Biodiversity, Environmental Challenges and Wildlife Conservation" Organized by Government P.G. College, Thangazi (Alwar) 24-25th January 2018.
- 4-National Conference on "Recent Trends in Science and Social Science in Sustainable Development" (NCRD-2018) Organized by Government Girls College ,Sirohi, 22-23-January 2018.
- 5-International Conference on "Frontiers at the Chemistry-Allied Science Interface" (FCASI-2017) Organized by CAS, Department of Chemistry,University of Rajasthan, Jaipur, 22-23rd July 2017.
- 6-National Conference on "Environmental Pollution, Helth Hazards and Prevention" (NCEPHHP-2015) Organized by M.S.J. College, Bharatpur,11-12th December 2015.
- 7-State Regional Conference on "New Frontiers of Science and Technology and Innovation for Development in Rajasthan" Organized by 1st Rajasthan Science Congress held at Tagore International School Campus Jaipur,11-13th May 2013.
- 8-National Seminar on "Recent Advances in the field of Applied Chemistry" (RAAC-2006) at Government J.D.B. Girls College, Kota, 2-3rd December 2006.
- 9-National Seminar on "Chemical Aspects of Challenges for Environmental in the New Millennium" at Government College, Kota, 15-16th December 2001.

Workshops attended-

- 1-One Day Divisional label workshop of NSS at Government College , Bundi, 3rd February 2011.
- 2- One Day Divisional label workshop of NSS at Government Girls College , Jhalawar, 22nd October 2013.
- 3-Two Day Divisional label workshop of NSS at Government Commerce College, Kota, 23-24th October 2013.
- 4- Two Day Divisional label workshop of NSS at J.D.V.Government Girls College, Kota, 30-31st October 2013.
- 5--One Day Divisional label workshop of NSS at Government Girls College , Jhalawar, 18th December 2014.
- 6- Two Day Divisional label workshop of NSS at Government College, Kota, 9-10th February 2015 2013.

State Level Online Short Term Training Programme

Gyangang, Organized by Directorate College Education, Jaipur and Chemistry Department of Government College, Kota 1-6th February 2021.

Webinar Attended

- 1-“Recent Scientific Development on Environmental Protection” Organized by Government P.G. College, Jhalawar 21st June 2020.
- 2-National Wabinar on “Relevance of Modern Sanskrit Story in Projecting Contemporary Society” Organized by Department of Sanskrit, Government College, Bundi.18th August 2020.
- 3-National E-Seminar on “Environmental Ethics:Conservation and Sustainable Development” Organized by Department of Botany, Government College, Kota 6th November 2020.

Workshop Organized

Co-coordinator, 5 Days National Workshop on “Operation and Maintenance of Laboratory Equipment” Jointly Organized by Internal Quality Assurance Cell(IQAC) Government P.G. College, Jhalawar and Western Regional Instrumentation Centre, Mumbai,4-8th April 2022.

Course Organized -

- 1-Assistant Course Coordinator of Career Grooming Course (45 Days) Sponsored by “Rajasthan Mission on Skill and Livelihood (RMol)” at Government College, Jhalawar, (7/9/2008 to 10/11/2008).
- 2- Assistant Course Coordinator of Career Grooming Course (45 Days) Sponsored by “Rajasthan Mission on Skill and Livelihood (RMol)” at Government College, Jhalawar,(8/3/2009 to 3/6/2009).
- 3-Course Coordinator of “Spoken English and Employment Readiness Skills (L-2, 50 Days) Sponsored by “Rajasthan Mission on Skill and Livelihood (RMol)” at Government College, Jhalawar,(18/11/2011 to 14/2/2012).

Research Publications -

- 1-Zn(II) Complexes of Large Ring Tetraazamacrocycles Derived from α -diaminoalkanes and Benzil or 3,4-Hexadione,R.N.Prasad,**A.K.Gupta** and P.K.Rai,Journal f. pract.Chemie.,333,145-148(1991).
- 2-Tetraazamacrocyclic Complexes of Zn(II),R.N.Prasad,**A.K.Gupta** and P.K.Rai,Annali Di Chimica,Society Chimica,Italiana,81,85(1991).
- 3-Template Synthesis of Co(II) Complexes of Tetraazamacrocycles,P.K.Rai,**A.K.Gupta** and R.N.Prasad,Z.Naturforsch,47B,1701-1706(1992).
- 4-Cr(III) Complexes of Tetraazamacrocycles Derived from α -diketones and Diaminoalkanes,R.N.Prasad, P.K.Rai and **A.K.Gupta**,Korean Chemical Society,Vol.14,No.2,179-183(1993).

- 5-Formic Acid Inhibited Ag(I) Catalysed Autoxidation of S(IV) in Acidic Medium, Journal of Chemistry and Chemical Sciences, Arun Kumar Sharma, Pradeep Parasher, **A.K. Gupta**, Rashmi Sharma and D.S.N. Prasad, Vol.-5, 760-771 (Dec. 2015).
- 6-Ag(I) Catalysed Autoxidation of S(IV) and its Inhibition by Isopropyl alcohol in Acidic Medium, Arun Kumar Sharma, P. Parashar, **A.K. Gupta**, Rashmi Sharma and D.S.N. Prasad, Chemical Science Review and Letters, Vol. 5(17) 14-23 (2016).
- 7-Ni(II) Complexes of 12-membered Tetraazamacrocycles Derived from 1,8-Diamino-3,6-diazaoctane and Different α -Diketones, **Ajay Kumar Gupta**, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 7(5) 6362-6367 (2018).
- 8- Cu(II) Complexes of 12-membered Tetraazamacrocycles Derived from 1,8-Diamino-3,6-diazaoctane and Different α -Diketones **Ajay Kumar Gupta**, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 7(6) 7590-7595 (2018).
- 9-Hexaaza 18-membered Ni(II) macrocyclic complexes Derived from Different α -Diketones and 1,5-Diamino-3-azapentane, **Ajay Kumar Gupta**, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 7(7) 8259-8264 (2018).
- 10- Hexaaza 18-membered Cu(II) macrocyclic complexes Derived from Different α -Diketones and 1,5-Diamino-3-azapentane, **Ajay Kumar Gupta**, International Journal of Multidisciplinary Research, Engineering, Technology and Management (IJMRSETM) Vol. 5(8) 1628-1633 (2018).
- 11-14- TO 32-MEMBERED Large Ring Tetraazamacrocyclic Complexes Derived from 2,3-Butanedione and Diaminoalkanes, **Ajay Kumar Gupta**, International Journal of Multidisciplinary Research, Engineering, Technology and Management (IJMRSET), Vol. 4(1) 29-34 (2021).
- 12-Large Ring Tetraazamacrocyclic Complexes Of Cu(II) Derived from 2,3-Pentanedione and Diaminoalkanes, **Ajay Kumar Gupta**, International Journal of Multidisciplinary Research, Engineering, Technology and Management (IJMRSET), Vol. 4(2) 212-216 (2021).
- 13-Template Synthesis of Ni(II) Complexes of Tetraazamacrocycles, **Ajay Kumar Gupta**, Global Thout, Vol. 5(20) 53-58 (2021).
- 14-Cu(II) Complexes of Tetraazamacrocycles Derived from Benzil and Diaminoalkanes, **Ajay Kumar Gupta**, Global Thout, Vol. 6(21) 1-6 (2021).
- 15-Ni(II) Complexes of Large Ring Tetraazamacrocyclic Complexes Derived from 2,3-Pentanedione and Diaminoalkanes, **Ajay Kumar Gupta**, International Journal for Modern Trends in Science and Technology, Vol. 7(8) 140-144 (2021).
- 16- Ni(II) Complexes of Large Ring Tetraazamacrocyclic Complexes Derived from 2,3-Butanedione and Diaminoalkanes, **Ajay Kumar Gupta**, The J. of Oriental Res. Madras, Vol. MMXXI-XCII-LXIV, 36-43 (2021).
- 17-The Influence of Ethylene Glycol on the Kinetics of Atmospheric Oxidation of Dissolved SO₂ Catalysed by CoO in Alkaline Medium, M. Kumar, Ajay Gupta, Manju Bala Yadav and D.S.N. Prasad, The J. of Oriental Res. Madras, Vol. MMXXI-XCII-LXIX, 08-23 (2021).