

List of papers published/ presented

1. List of papers published

Sr. No.	Author(s)	Name of the Journal	Title
1.	Rahul Kadu , Vinay. K Singh, Sanjay K. Verma, Pallepogu Raghavaiah, Shaikh M Mobin.	<i>Journal of Molecular Structure</i> 1033 (2013) 298-311.	Effect of substituents on crystal packing of functionalized 4,4'-bis-(benzylideneamino)diphenyl ether(s) and their reduced benzyl forms: synthesis, characterization, optical and thermal properties.
2.	Sanjay K. Verma, Rahul Kadu , Vinay. K Singh.	<i>Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry</i> 44:3, (2014) 441-448.	A Facile Synthesis, Crystallographic, Spectral, Thermal and Electrochemical Investigations of Neutral [Cu ₂ (Et ₂ dtc) ₄] Dimer
3.	Vinay. K Singh, Rahul Kadu , Hetal Roy.	<i>European Journal of Medicinal Chemistry</i> 74 (2014) 552-561.	4,4'-Diaminodiphenyl ether derivatives: Synthesis, spectral, optical, thermal characterization and in-vitro cytotoxicity against Hep 3B and IMR 32 human cell lines

2. Papers presented at National /State Level Seminars / Conferences

Sr. No.	Author(s)	Date	Theme, Organizing Body, Place, and Date of Seminar/Conference	Title of Paper
1.	Rahul Kadu and Vinay K Singh <i>(Oral and Poster presentation)</i>	February 19-20, 2011.	National Symposium on Emerging Trends in Chemical Sciences (ETCS-2011), Banaras Hindu University, Varanasi.	Metal Directed Self-assembly of Xanthate Ligands Bearing Diphenyl Ether Spacer Group (-C ₆ H ₄ OC ₆ H ₄ -) and Their Degradation Products: Synthesis, Characterization and X-ray Study.
2.	Rahul Kadu , Vineeta Nair and Vinay K Singh. <i>(Oral presentation)</i>	September 17, 2011	Western India Research Scholars's Meet 2011 (WIRSM-2011), Department of Chemistry, M. S. U, Baroda.	Metal Directed Self-Assembly of Bis-Dithiocarbamates Bearing Diphenyl Ether Linkers: Synthesis and Characterization.
3.	Rahul Kadu and Vinay K Singh. <i>(Oral presentation)</i>	December 8-10, 2011	International Conference on Synthetic and Structural Chemistry (ICSSC 2011). Department of Studies in Chemistry, Mangalore University.	Macrocyclisation of Diphenyl Tin(IV) With Bis-Dithiocarbamates Bearing Novel Linkers: Synthesis and Characterization.
4.	Vinay K. Singh, Sanjay K. Verma, Rahul Kadu and Shaikh M. Mobin	December 10-13, 2011	Modern Trends in Inorganic Chemistry (MTIC-XIV), School of Chemistry, University of Hyderabad.	Complexes Based on Coumarin Schiff Bases: Synthesis, Characterization and Anti-Bacterial Studies.
5.	Rahul Kadu , Sanjay K. Verma, Shaikh M. Mobin and Vinay K Singh	December 10-13, 2011	Modern Trends in Inorganic Chemistry (MTIC-XIV), School of Chemistry, University of Hyderabad.	A Facile Synthesis of Bimetallic Bis-N, O-bidentate Schiff Base Complexes From Their Corresponding Bis-Xanthate Macrocycles.

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6.	Vinay K. Singh, Rahul Kadu , Hetal Roy and S. K. Singh	December 13-14, 2012	International Conference on Interface between Chemistry and Environment, Ramjas College, University of Delhi, Delhi.	<i>In vitro</i> Cytotoxicity of Novel Polycyclic Aromatic Hydrocarbons Against Hep 3B and IMR 32 Human Cell Lines
7.	Rahul Kadu , Sweta Sharma and Vinay K Singh.	December 14-16, 2012	International conference on Chemistry and Materials: Prospects and Perspectives-2012 (ICCMPP-2012), Department of Applied Chemistry, School of Physical Sciences, BBAU, Lucknow	Transition metal-directed self-assembly of tris-dithiocarbamate ligands: Macrocyclic hosts as molecular receptors
8.	Vinay K Singh, Rahul Kadu and Vineeta. S. Nair	January 31 and February 1-3, 2013	15 th CRSI National Symposium in Chemistry and 7 th RSC-CRSI Symposium in Chemistry, Banaras Hindu University, Varanasi.	4,4'-Oxydianiline's Derivatives as Supramolecular Precursors: Synthesis, Characterization and Biological Applications
9.	Sanjay K. Verma, Rahul Kadu , Vinay K Singh and Shaikh M. Mobin	March 21-23, 2013	National Symposium on Modern Trends in Chemistry, Department of Chemistry M.S. University of Baroda, Vadodara.	Novel Organic Precursors for the Development of Monometallic dtc Complexes.
10.	Vinay K Singh, Rahul Kadu (<i>Best Poster award</i>)	October 18-19, 2013	National Conference on Supramolecules and Nanotechnology, Institute of Research and Development, Gujarat Forensic Sciences University, Gandhinagar.	Piperazine Derivatives as Versatile Supramolecular Synthons: A study on Crystal Packing patterns of 1,4-Disubstituted Piperazines.
11.	Rahul Kadu , Vinay K Singh.	January 6-8, 2014	International Conference on Science & Engineering of Materials (ICSEM-2014), School of Engineering and Technology Sharda University Greater Noida.	Metal-directed Self-assembly of Bis-xanthates: Macrocyclic Hosts as Molecular Receptors
12.	Rushikesh Kadu, Rahul Kadu , Mahendra Borse and Vinay K. Singh	December 22-23, 2014	National Conference on Current Innovations in Chemical Research (NCCICR-2014), K. J. Somaiya college of Arts, Commerce and Science, Kopargaon.	4,4'-Diaminodiphenyl Ether as Functional Linkers for the Development of Self-Assembled Structures of Dithiocarbamates
13.	Rushikesh Kadu, Rahul Kadu , Mahendra Borse and Vinay K. Singh (<i>Best Poster award</i>)	December 22-23, 2014	National Conference on Current Innovations in Chemical Research (NCCICR-2014), K. J. Somaiya college of Arts, Commerce and Science, Kopargaon.	Xanthates: Exploitation for Development of Self-Assembled Macrocyclic Structures