

Oral and Poster Presentations

1. Poster presentation entitled **“Synthesis, Characterization and Catecholase Activity of μ -alkoxo and μ -acetato doubly bridged Dinuclear Copper (II) Complexes derived from Isomeric Acetonaphthones”** at International Conference On Structural And Inorganic Chemistry held by CSIR-NCL, IISER Pune, and SP Pune University ICSIC 2014 on 4th -5th December, 2014.
2. Presented Poster entitled **“Synthesis, Characterization and Catecholase Activity of a new binuclear Copper (II) Complex derived from Histamine”** at **National Seminar on Frontier Areas in Chemical Sciences** on 19th March 2016 organized by Department of Chemistry (UGC-CAS II Program), The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India. **Selected as one of the five best posters and was given special opportunity for oral presentation.**
3. Presented Poster entitled **“Synthesis, Characterization and SOD Mimic Activity of μ -alkoxo and μ -acetato doubly bridged Dinuclear Copper (II) Complexes”** at **National Symposium on Advances in Chemical Research (ACR-2019)** on 24th February 2019 organized by Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.
4. Presented Poster entitled **“Synthesis, Characterization and Oxidase Enzyme Activity of Dinuclear Copper (II) Complexes”** at **7th Asian Network for Natural and Unnatural Materials (ANNUM- VII)** during 27th – 29th September 2019 organized by Department of Chemistry, Gujarat University, Ahmedabad, Gujarat, India.
5. Presented Poster entitled **“Synthesis, Characterization and Oxidase Enzyme Activity of endogenous Phenoxo Bridged Dicopper (II) Complexes derived from Biomolecules”** at **Mordern Trends in Inorganic Chemistry (MTIC XVIII)** during 11-14th December 2019 organized by Department of Chemistry, Indian Institute of Technology Guwahati, Assam, India.
6. Oral presentation entitled **“Phenoxo Bridged Dicopper (II) Complexes of Biogenic amines as Synthetic Models for Oxidase Enzymes: Synthesis, Characterization and Biomimetic Activity”** at **Science Conclave 2020** on 28th February 2020 organized by Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.
7. Oral Presentation entitled **“Synthesis, characterization and Oxidase Enzyme activity of Endogenous Phenoxide Bridged New Dinuclear Copper(II) complexes”** at 58th Annual Convention of Chemists and International Conference on Recent Trends in Chemical Sciences (ACC-RTCS-2021) organized by the Indian Chemical Society, Kolkata from 21st – 24th December 2021.

Conferences and Workshops

1. Attended the “**National Workshop on X-ray Crystallography**” held on 19-25th January 2015 organized by Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.
2. Attended the National Workshop on “**Advanced Analytical Techniques for Elemental Analysis (AAT-2019)**” on 28th December 2019 organized by Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.
3. Participated in the National Seminar on “**Advances in Chemistry of Bioactive Molecules (ACBAM-2020)**” on 17-18th January 2020 organized by Department of Chemistry (Under UGC-CAS II Program), The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.
4. **Workshop on Advanced Analytical Techniques for Elemental Analysis** held at the Department of Chemistry, The Maharaja Sayajirao University of Baroda on 28th December, 2019.
5. Attended the 5 day “**Workshop on Computational Chemistry**” during 03-07th March 2020 organized by Department of Chemistry (Under UGS-CAS II Program), The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.
6. Participated in One Day National Seminar on “**Decadal Trends in chemistry Research: The Perspective of Women Scientist (W-CHEM 2020)**” on 8th March 2020 organized by Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.
7. **One Day National Symposium on Frontiers in Chemistry and Medicinal Chemistry (FICM-2021)** organized by Department of Chemistry, The Maharaja Sayajirao University of Baroda on 11th October, 2021.
8. **National Symposium on Frontiers in Chemistry (NSFC-2022)** organized by Department of Chemistry, The Maharaja Sayajirao University of Baroda on 25th June, 2022.

Papers Published

1. Priyanka Salunke, Aditya Puranik and Neelima Kulkarni*, Histamine derived dimer of μ -Chlorido- μ -Phenoxido Dicopper(II) complex as a Potential Enzyme Mimic with Catecholase activity, *Polyhedron*, 2022, **216**, 115700.
2. Aditya Puranik, Priyanka Salunke and Neelima Kulkarni*, Supramolecular Birefringent Metallogels formed by Trinuclear Copper (II) Complexes with Myo-inositol and Bipyridyl Ligands, *New J. Chem.*, 2019, **43**, 14720-14727.
3. Varsha Bhardwaj, Priyanka Salunke, Aditya Puranik, Neelima Kulkarni* and Amar Ballabh*, Design and synthesis of novel heterocyclic pivalamide ligands and their copper(II) complexes: Structure, BSA/DNA interactions and SOD synzyme activity, *Polyhedron*, 2022, **225**, 116054.

Manuscript under preparation

- Priyanka Salunke, Aditya Puranik and Neelima Kulkarni*, Synthesis, Characterization and Oxidase enzyme activity of μ -alkoxo and μ -acetato doubly bridged Dinuclear Copper (II) Complexes derived from Isomeric Naphthones and aldehydes.
- Priyanka Salunke, Aditya Puranik and Neelima Kulkarni*, Synthesis, Characterization and Oxidase enzyme activity of μ -phenoxide and μ -hydroxide doubly bridged dinuclear Copper (II) Complexes derived from 2,6-diacetyl-4-methylphenol.