

Talks

1. **Lightning Talk-** *“Designing and developing alternative renewable energy resources,”* Global Young Academy International Conference of Young Scientists and Anniversary Annual General Meeting at the German National Academy of Sciences-Leopoldina, Halle (Saale), **Germany**, 29 April - 3 May **2019**
2. **Talk-** *“Bioinspired Model Complexes Mimicking the [FeFe] Hydrogenase Enzyme Active Site: An Alternative Energy Resource,”* 1st Thematic Conference in Chemical Sciences (TC2S): Sustainable Chemistry, **IIT Ropar, India**, May-**2017**
3. **Talk-** *“Biomimetic versus bioinspired hydrogen converting systems,”* 5th Symposium on Advanced Biological Inorganic Chemistry (SABIC), **Kolkata, India**, January-**2017**
4. **Invited Talk** – *“Iron Thiolate Complexes as Hydrogen Converting Systems: Synthesis and Characterization by Experiment and Theory,”* Symposium on Frontiers in Inorganic and Organometallics, School of Chemistry, **IIT Indore, India**, April-**2016**
5. **Invited Talk** – *“Bioinspired versus Biomimetic Hydrogen Converting Systems: Synthesis and Characterization by Experiment and Theory,”* Indo-German workshop IIT Guwahati, **India**, February-**2016**
6. **Invited Talk-** *“Hydrogen Production using Iron-based Molecular Catalysts,”* FUB-DU Joint Research Workshop on Supramolecular Chemistry and Nanoscale Systems, Freie Universität Berlin, **Germany**, June 8-10, **2016**
7. **Invited Talk** – *“Iron Carbonyl Complexes: Bioinspired Models for the [FeFe] Hydrogenase Active Site,”* Department of Chemistry, **IIT Ropar, Punjab, India**, 27th March-**2015**
8. **Talk** – *“Catalytic Hydrogen Evolution from Iron Carbonyl Complexes: Bioinspired Models of the [FeFe] Hydrogenase Active Site,”* National conference on Molecules and Materials (M³-2014), NIT, **Kurukshetra, India**, October-**2014**
9. **Talk** – *“Models for the [FeFe] Hydrogenase Active Site: Aromatic versus aliphatic dithiolate linkers,”* 41st International Conference in Coordination Chemistry (ICCC-41), **Singapore**, July-**2014**
10. **Talk & Poster** – *“Catalytic studies with model complexes mimicking the hydrogenase enzymes: Focus on aromatic dithiolate ligand complexes,”* 9th International School of Organometallic Chemistry (ISOC), Camerino, **Italy**, Aug-Sep -**2013**
11. **Talk** – *“Electrocatalytic Hydrogen Evolution from a Mononuclear FeIIComplex with Resemblance to the FeS-cluster Free Hydrogenase Active Site,”* Consortium in Artificial Photosynthesis (CAP Meeting) -Uppsala, **Sweden**, May – **2010**
12. **Talk** – *“Electrocatalytic Hydrogen Evolution from a Mononuclear FeIIComplex with Resemblance to the FeS-cluster Free Hydrogenase Active Site,”* Consortium in Artificial Photosynthesis (CAP Meeting) -Uppsala, **Sweden**, December – **2009**
13. **Talk** – *“Mixed valency and valence state distributions in polynuclear ruthenium frameworks,”* Consortium in Artificial Photosynthesis (CAP Meeting) -Uppsala, **Sweden**, June-**2009**

- 14. Talk** – “Mixed valency in polyruthenium systems: Diverse effects of ancillary and bridging functionalities,” 229th American Chemical Society (ACS) Meeting, San Diego, California, **USA**, March – **2005**
- 15. Talk** – “Mixed valency in polyruthenium systems: Diverse effects of ancillary and bridging functionalities,” 17th Research Scholars Meet, Somaiya College of Science and Commerce, **Mumbai**, February - **2005**

Posters

- 16. Poster (online)** - National Conference on Frontiers in Organometallics and Catalysis (FOMC-2021), Dept. of Chemistry, MNIT, Jaipur, Jan-**2021**
- 17. Poster (online)** - National Convention of Chemistry Teachers 2020 (NCCT 2020) and International Webcon on Recent Advances in Chemistry Education and Chemical Research, Association of Chemistry Teachers (ACT), TIFR, Mumbai, Nov-Dec **2020**
- 18. Poster** - Modern Trends in Inorganic Chemistry (MTIC- XVIII), IIT Guwahati, **India**, Dec-**2019**
- 19. Poster** - “Iron based molecular catalysts as hydrogen converting systems: Synthesis and characterization by experiment and theory”, Indo-French Symposium on Small Molecule Activation for Fuels and Commodity Chemicals Production, Indian Association for the Cultivation of Science, Kolkata, **India**, 27th – 29th Nov-**2019**
- 20. Poster** - “An experimental and theoretical study on hydrogen evolution reaction catalysis by mononuclear manganese complexes”, Indo-French Symposium on Small Molecule Activation for Fuels and Commodity Chemicals Production, Indian Association for the Cultivation of Science, Kolkata, **India**, 27th - 29th Nov-**2019**
- 21. Poster** - “4-methylbenzene thiolate-bridged and 1,3,5-triaza-7-phosphaadamantane substituted Fe₂S₂ core: Electrocatalytic hydrogen evolution studies”, 17th Prof. K.V. Thomas Endowment Seminar & International symposium on New Trends in Applied Chemistry (NTAC-2019), Dept. of Chemistry, Sacred Heart College, Kochi, **India**, Jan-**2019**
- 22. Poster**- “Mononuclear Ruthenium Phosphine Complexes: Synthesis, characterization and DFT calculations”, 17th Prof. K.V. Thomas Endowment Seminar & International symposium on New Trends in Applied Chemistry (NTAC-2019), Post Graduate & Research Dept. of Chemistry, Sacred Heart College, Kochi, **India**, Jan-**2019**
- 23. Poster**- Hanse Chemistry Symposium, Leibniz Institute for Catalysis (LIKAT), Rostock, **Germany**, Nov-**2018**
- 24. Poster**-National Workshop on Thieme Chemistry: Science of Synthesis, Department of Chemistry, University of Delhi, **India**, Sep-**2018**
- 25. Poster**-National Conference on Chemical Sciences: Opportunities & Challenges, St. Stephen College, University of Delhi, **India**, March-**2018** (**Best poster Award**)
- 26. Poster**-Modern Trends in Inorganic Chemistry (MTIC- XVII) CSIR -NCL and IISER –Pune, **India**, Dec- **2017**
- 27. Poster**- Green Chemistry **New Zealand**, 2017, University of Auckland, Dec- **2017**

- 28. Poster-** 2nd International Conference on Electrochemical Science and Technology (ICONEST-2017), J. N. Tata Auditorium, IISc-Bangalore, **India**, August -**2017**
- 29. Poster-** International Conference on Materials Science & Technology, Conference Centre, University of Delhi, **India**, March-**2016**
- 30. Poster-** DU-JAIST Indo-Japan Symposium on Chemistry of Functional Molecules / Materials, Dept. of Chemistry, University of Delhi, **India**, February-**2016**
- 31. Poster-** 1st National Conference on emerging trends and future challenges in chemical sciences (ETFC), Department of Chemistry, Kirori Mal College, University of Delhi, **India**, 3-4 Feb **2016**
- 32. Poster –** “*Structural and Functional Mimics of the [FeFe] Hydrogenase Enzyme Active Site*”, 10th Mid-Year CRSI Symposium in Chemistry, Punjab University Chandigarh, **India**, February-**2016**
- 33. Poster –** “*Diiron Monothiolate Carbonyl Complex with Chelating Diphosphine Catalyzing Hydrogen Evolution*”, 10th Mid-Year CRSI Symposium in Chemistry, Punjab University Chandigarh, **India**, February-**2016**
- 34. Poster –** RSC Workshop, University of Delhi, **India**, December-**2015**
- 35. Poster –** “*Dinuclear Iron Carbonyl Complexes with Monodentate Phosphine Ligands: Active Site Models of the [FeFe] Hydrogenase Active Site*”, 10th Mid-Year CRSI Symposium in Chemistry, NIT Trichy, **India**, July-**2015**
- 36. Poster –** “*Monothiolate Diiron Carbonyl Complexes: Bioinspired Models for the [FeFe] Hydrogenase Enzyme Active Site*”, 10th Mid-Year CRSI Symposium in Chemistry, NIT Trichy, **India**, July-**2015**
- 37. Poster –** “*Aromatic- and Aliphatic-Dithiolato Bridged Diiron Carbonyl Complexes: Relevance to the [FeFe] Hydrogenase Active Site*”, 17th CRSI National Symposium in Chemistry, CSIR-National Chemical Laboratory, Pune, **India**, February-**2015**
- 38. Poster-** “*Biomimetic H₂ evolution catalyzed by dinuclear iron carbonyl complexes with bridged benzene dithiolate ligand*”, 17th CRSI National Symposium in Chemistry, CSIR-National Chemical Laboratory, Pune, **India**, Feb-**2015**
- 39. Poster-** “*Phosphine substituted diiron carbonyl complexes as proton reduction catalysts: Mimicking the [FeFe] hydrogenase enzyme active site*”, 20th ISCB International Conference (ISCBC-2014) on Chemistry and Medicinal Plants in Translational Medicine for Healthcare, Department of Chemistry, University of Delhi, Delhi, **India**, March-**2014**
- 40. Poster-** “*Design, Synthesis and characterization of Fluroine-18 labelled MPP derivative as novel D3 receptor ligand for PET Imaging*”, 20th ISCB International Conference (ISCBC-2014) on Chemistry and Medicinal Plants in Translational Medicine for Healthcare, Department of Chemistry, University of Delhi, Delhi, **India**, March-**2014**
- 41. Poster –** 3rd National Conference on Advances in Chemical & Environmental Sciences (ACES-2014), Arya P.G. College, Panipat, Haryana, **India**, February-2014
- 42. Poster –** 6th National Seminar on New Paradigm in Chemical Sciences (NPICS-2014), Punjabi University, Patiala, Punjab, **India**, Feb-**2014**

- 43. Poster** – Modern Trends in Inorganic Chemistry (MTIC XV), IIT Roorkee, Roorkee, **India**, December-**2013**
- 44. Poster** – International Workshop on Green Initiatives in Energy, Environment & Health, organized by Green Chemistry Centre of Excellence, The Energy and Resources Institute (TERI), Green Chemistry Network Centre, Delhi University, Gautam Buddha University and Green Chemistry Network, sponsored by Royal Society of Chemistry London (North India Section), Delhi, **India**, December-**2013**
- 45. Poster** – National Symposium on Electrochemical Science & Technology (NSEST), Indian Institute of Science (IISc), Bangalore, **India**, August-**2013**
- 46. Poster** - 9th International Hydrogenase Conference - Uppsala, **Sweden**, June-July – **2010**
- 47. Poster** - Molecular Science for Solar Fuels - Sigtuna, **Sweden**, November – **2009**
- 48. Poster** - 10th Modern Trends in Inorganic Chemistry (MTIC) at the Indian Institute of Technology (IIT) - Delhi, **New Delhi, India**, December - **2005**
- 49. Poster** - 7th National Symposium in Chemistry, Indian Association for the Cultivation of Science (IACS, Jadavpur), **Kolkata, India**, February - **2005**
- 50. Poster** - 9th Modern Trends in Inorganic Chemistry (MTIC), Indian Institute of Technology (IIT) - Bombay, **Mumbai, India**, December - **2003**

Attended

- 51.** Science Diplomacy in South Asia, Online Workshop, organized by Science Diplomacy in South Asia Working Group (GYA), 21 Nov - 13 Dec, **2020**
- 52.** GYA's e-conference, Annual General Meeting of the Global Young Academy, 8-12 June **2020**
- 53.** GYA's Virtual International Conference of Young Scientists, Heal the Earth: Sustainable Development Goals in a Changing World, 25 June - 10 July **2020**
- 54.** Online Science Days of the Lindau Nobel Laureate Meetings, 28 June - 1 July, **2020**
- 55.** 17th Ferrocene Colloquium, Universitat Rostock, **Germany**, Feb-**2019**
- 56. Alumni meet (online)** - 5th Max Planck Symposium for Alumni and Early Career Researchers, Sep-**2020**
- 57. Alumni meet** - 3rd Max Planck Symposium for Alumni and Early Career Researchers, Harnack-Haus, Berlin, **Germany**, 20th-23rd Sep-**2018**
- 58. Alumni meet** - 2nd Max Planck Symposium for Alumni and Early Career Researchers, , Harnack-Haus, Berlin, **Germany**, Aug 31st – Sep 3rd **2017**
- 59.** Workshop on electronic structure, atomistic and statistical modeling in Chemistry, Materials and Life Sciences, Department of Chemistry, University of Delhi, **India**, October-**2014**
- 60.** Mini-Symposium on Solvent Design for Chemical Production Processes, Max Planck Institute for Dynamics of Complex Technical Systems, Magdeburg, **Germany**, June-**2013**

61. Indo-German Workshop on Advanced Materials for Future Energy requirements (WAMFER), University of Delhi, **India**, Nov – **2012**
62. Consortium in Artificial Photosynthesis (CAP Meeting)-Uppsala, **Sweden**, June-**2012**
63. The Solar H₂ Workshop- Gottröra, **Sweden**, November-**2011**
64. In-House Symposium organized by the Department of Chemistry at the Indian Institute of Technology (IIT)-Bombay, Mumbai, **India**, **March - 2003; March - 2004; Aug - 2006**