

List of publications

1. **Bindi Sanghavi**, Sucheta De Mondal, Urja Verma, Suresh Balakrishnan, Sk Riyajuddin, Kaushik Ghosh, Mitesh Sarkar and Hemant P. Soni, “Amino acid-capped transition metal Ion- doped Iron oxide nanoparticles: evaluating drug delivery carrier efficiency and In-vitro magnetic resonance Image Contrast ability.” *Journal of the Iranian Chemical Society*, 2023, 20, 1605–1620.
<https://doi.org/10.1007/s13738-023-02781-2>
2. **Bindi Sanghavi** and Hemant P. Soni*, “Fe₃O₄@L-arginine and Fe₃O₄@L-histidine nanoparticles for one-pot solvent-free sequential Knoevenagel-Michael addition reactions”. *Research on Chemical Intermediates*, 2023, 49, 3963–3985.
<https://doi.org/10.1007/s11164-023-05017-3>

Conferences, Symposium, Seminar and Workshop

1. **Participated in Training Program** on “Hand-on Training Program on Sophisticated Analytical Techniques-FE-SEM, HR-TEM, AFM& XPS” to CSIR-CSMCRI , Bhavnagar on 21st-25th August 2023.
2. **Participated in International conference** on molecule to material at S.V. National Institute of Technology, Surat, India during 17th-18th December 2020.
3. **Participated in National workshop** on Advanced Analytical Techniques for Elemental Analysis (AAT-2019) at The M.S. University of Baroda, Vadodara on 28th December 2019.
4. **Participated in one day workshop** on Industrial Catalysis (ICAT-2019) at The M.S. University of Baroda, Vadodara on 23rd November 2019.
5. **Participated in A Green Conference** on Save Mother Earth at The M.S. University of Baroda, Vadodara on 10th October 2019.
6. **Poster presentation in National Symposium** on Advances In Chemical Research(ACR-2019) at The M.S. University of Baroda, Vadodara on 24th February 2019.

Title: II-VI Semiconductor Metal Chalcogenides As Support for organocatalyst for Selective Organic Transformations

7. **Poster presentation** in **National Seminar** on Frontiers in Heterogeneous Catalysis (HETCAT-2018) at The M.S. University Of Baroda, Vadodara on 23rd November 2018.

Title: Synthesis and Characterization of ZnS-Nanoparticles and their Application as Catalyst for Mannich Reaction.

8. **Poster presentation** in **National Seminar** on Recent Trends & Advances in Chemical Science and their Impact on Environment(RTACIE-2018) at AMITY UNIVERSITY, RAJASTHAN on 13th April 2018. Title: Synthesis and characterization of nanomaterial and their application for selective organic transformation