



Debabrata Saha

Assistant Professor of Chemistry,
Suri Vidyasagar College, Suri, Birbhum, 731101

Address for correspondence

VILL-HUSNABAD, PO+PS- SURI, DIST-BIRBHUM, 731101, WB.

Mobile number: 9475669983, 7908155401 Email: mathur2583@gmail.com

Educational Qualification: M.Sc., Subject- Chemistry, Spl. Paper-Inorganic Chemistry

Teaching Experience: **13 Years +**

Research Activities:

Completed Project: Minor Research Project on "Micellar catalysis on the reaction of Cr(VI) oxidation of organic substrates" during 27th Feb'13 -26th Feb'15, granted by UGC of ₹1,79,000/-.

Published Papers in Refereed Journals:

1. "A review on sources, toxicity and remediation technologies for removing arsenic from drinking water", Ankita Basu, **Debabrata Saha**, Rumpa Saha, Tuhin Ganguli, Bidyut Saha*, *Res. Chem. Intermed.*, 2014, 40(2), 447-485.
2. "Surfactant-assisted enhancement of bioremediation rate for hexavalent chromium by water extract of Sajina (*Moringa oleifera*) flower", Kakali Mukherjee, Rumki Nandi, **Debabrata Saha**, Bidyut Saha*, *Des. Wat. Treat.*, 2015, 54(2), 525-532.
3. "Surfactant-assisted bioremediation of hexavalent chromium from contaminated water", K Mukherjee, R Nandi, **D Saha**, B Saha*, *Des. Wat. Treat.*, 2015, 53(3), 746-751.
4. "Combination of the most efficient promoter and micellar catalyst for rate enhancement of chromic acid oxidation on 2-butanol to 2-butanone conversion in aqueous media at room temperature", **Debabrata Saha**, Aniruddha Ghosh, Bidyut Saha*, *Res. Chem. Intermed.*, 2015, 41(11), 8527-8544.
5. "Micellar effect on hetero-aromatic nitrogen base promoted chromic acid oxidation of 1,3-propanediol in aqueous media at room temperature", Susanta Malik, **Debabrata Saha**, Monohar Hossain Mondal, Pintu Sar, Aniruddha Ghosh, Kalachand Mahali, Bidyut Saha*, *Journal of Molecular Liquids*, 2017, 225, 207- 216.
6. "A lanthanide doped metal-organic framework demonstrated as naked eye detector of a trace of water in organic solvents including alcohols by monitoring the turn-on of luminescence" Prakash Majee, Pooja Daga, Debal Kanti Singha, **Debabrata Saha**, Partha Mahata, Sudip Kumar Mondal, *Journal of Photochemistry and Photobiology A: Chemistry*, 2020, 402, 112830.