

LIST OF TECHNICAL PUBLICATIONS

Refereed Journal

1. Sinha, A. and Bose, P. (2006) "Dehalogenation of 2-chloronaphthalene by cast iron". *Water Air and Soil Pollution*, **172** (1-4), pp. 375-390.
2. Sinha, A. and Bose, P. (2007) "Interaction Of 2-Chloronaphthalene with High Carbon Iron Filings (HCIF): Adsorption, Dehalogenation And Mass Transfer Limitations". *Journal of Colloid and Interface Science*, **314** (2), pp. 552-561.
3. Sinha, A. and Bose, P. (2009) "Interaction Of Chloroethanes And Chloroethenes With Un-Rusted And Rusted High Carbon Iron Filings". *Journal of Environmental Engineering Science*, **26**(1), pp. 61-70.
4. Sinha, A. and Bose, P. (2009) "Interaction of 2,4,6-Trichlorophenol with High Carbon Iron Filings: Reaction and Sorption Mechanisms". *Journal of Hazardous Materials*, **164**(1), pp. 301-309.

International Conference

1. Sinha A., Agrahari P.K. and Bose P., "Reductive Dechlorination of 2-Chloronaphthalene by Cast Iron", proceedings of International Conference on Hydrological Perspectives for Sustainable Development (HYPESD-2005), IIT Roorkee, Vol. II, pp 973-982, Feb 2005.
2. Agrahari P.K., Sinha A. and Bose P., "Application of Advanced Oxidation Processes for Degradation of Organic Micropollutants in Water- A Review", proceedings of International Conference on Hydrological Perspectives for Sustainable Development (HYPESD-2005), IIT Roorkee, Vol. II, pp 962-972, Feb 2005.
3. Sinha A. and Bose P., "Reductive Dechlorination Of 2,4,6-Trichlorophenol By Cast Iron", proceedings of International Conference on Environmental Management, JNTU, Hyderabad, October 2005.
4. Sinha A. and Bose P., "Enhancement in Reductive Dechlorination Of 2-Chloronaphthalene by Rusted Cast Iron", International Conference on Management of Water, Wastewater and Environment: Challenges for the developing countries, Sept 13-15, 2006, Nepal.
5. Sinha A. and Bose P., "Effect of Corrosion Product Development on Reductive Dehalogenation by Cast Iron Treating 2-Chloronaphthalene: Sorption and Reactivity", Environmental Research Event (ERE-2006), Dec 10-13, 2006, Macquarie University, NSW, Australia.
6. Sinha A. and Bose P., "Reactive Transport Of 2-Chloronaphthalene through Cast Iron Filings", International conference on Civil Engineering in the New Millenium: Opportunities and challenges (CENeM -2007), Jan 11-14, 2007, Bengal Engineering and Science University, WB, India.
7. Singh, G., Kakkar, D., Verma, P.K. and Sinha, A. "Discoloration of Azo-Dyes by Zero-Valent Iron", International Conference on Emerging Technologies in Environmental Science and Engineering, AMU, Aligarh, pp 55-62, Oct 26-28, 2009.
8. Sinha, A., Singh, G. and Srivastava, R. "Jharia Action Plan: An Opportunity for Roof Water Harvesting" International Conference on Water Harvesting, Storage and Conservation (WHSC-2009), IIT Kanpur, pp. 18-19, Nov. 23-25, 2009.
9. Srivastava, R.K. and Sinha, A. "Application of Zero-Valent Iron in Remediation of Chromium in Groundwater" International Conference on Recent Advances in Environmental Protection (RAEP-2009), St. John's College, Agra, pp 570-577, Dec. 17-19, 2009.
10. Singh, G., Sinha, A. and Srivastava, R. "Review on Endocrine Disrupting Chemicals: Remedial Options" Proceedings of International Conference on Environmental Health and Technology (EH&T 2010), CESE, IIT Kanpur, pp. 109, March 15-17, 2010.
11. Srivastava, R.K. and Sinha, A. "Modeling of Reduction of Chromium (VI) by Zero-Valent Iron" Proceedings of International Conference on Mother Earth: Save it for Future Generation (ICME 2010), University of Burdwan, Burdwan, pp 69, Feb. 13-15, 2010.

National Conference

1. Sinha A. and Bose P., “Zero-Valent Iron Mediated Dehalogenation of Chlorinated Organic Compounds”, proceedings of National Conference on Advances in Environmental Science and Engineering, IIT Bombay, WW -02, December 2003.
2. Sinha A., Bose P. and Agrahari P.K., “Zero-Valent Iron: A Boon for remediation of Groundwater Pollution”, proceedings of Workshop on Environmental Pollution: Perspectives and Practices, I.E.T. Lucknow, pp 193-197, April 2004.
3. Sinha A. and Bose P., “Predicting Long Term Performance of Cast Iron Permeable Reactive Barrier Treating 2-Chloronaphthalene”, National conference on Environmental conservation (NCEC 2006), Sept 1-3, 2006, BITS Pilani.
4. Sinha A. and Kumar P., “Application of Nano-Technology in Remediation of Groundwater”, proceedings of 4th National Seminar on Recent Strategies of Management, Technology and Environmental Control, pp 83-86, Feb 9-10, 2008, S.D.C.E.T., Muzaffarnagar.