

List of papers published/ accepted/submitted/papers presented in conferences/seminars/symposia

1. **Indu Singh**, Sheel Ratan, and R M Naik; Adsorption of Ni(II) from Synthetic Waste Water by Tea Waste Adsorbent, *International Journal of Physical and Chemical Sciences*, **2016**, 5, 1-8. (Copy of the paper attached at the end)
2. Sheel Ratan, **Indu Singh**, Joy Sarkar and R M Naik; The Removal of Nickel from Waste Water by Modified Coconut Coir Pith, *Chem. Sci. J.*, **2016**, 7, 1-6. (Other than this thesis)
3. R M Naik, Jyoti Rai, amrita Srivastava, Sheel Ratan and **Indu Singh**; Kinetic and Mechanistic Studies of Uncatalyzed Substitution of Coordinated Cyanide in Hexacyanoferrate(II) by 2,2'-Bipyridine, *International Journal of Physical and Chemical Sciences*, **2015**, 4, 105-114. (Other than this thesis)
4. R M Naik and **Indu Singh**; Optimization of Conditions for removal of Cu(II) using sugarcane bagasse as an adsorbent, *Indian Journal of Chemical Technology*, **2017 (Communicated)**
5. R M Naik and **Indu Singh**; Optimization of conditions for removal of Ni(II) using sugarcane bagasse as an adsorbent, *International Journal of Physical and Chemical Sciences*, **2017 (Communicated)**

Participated in Seminars and Conferences

1. Participated in Awareness Seminar on “**MATLAB for Data Processing & Application Development**” January 9, 2015, organized by Central facility for Computational Research (Computer Cluster), Department of Chemistry, University of Lucknow, Lucknow & Internal Quality Assistance Cell (IQAC) University of Lucknow, Lucknow.
2. Participated in “**NATIONAL SYMPOSIUM ON INNOVATIVE METHODS IN CHEMISTRY (IMCE-2015) & NATIONAL CONVENTION ON CHEMISTRY TEACHERS (NCCT-2015)**” October 8-10, 2015, organized by Department of Chemistry, University of Lucknow, Lucknow.
3. Participated in “**ONE DAY TRAINING PROGRAMME ON BIODIVERSITY & ITS CONSERVATION**” 30th July 2014, organized by Biodiversity and Wildlife Conservation Lab, Department of Zoology, University of Lucknow, Lucknow.
4. Participated in **International Symposium on Advances in Biological & Material Sciences**, 15th July 2014, organized by Humboldt Academy Lucknow & University of Lucknow, Lucknow.
5. Participated in **National Seminar in Chemistry**, 7th August 2013 and presented poster on “**newer Trends in Physico-Chemical Techniques**” organized by Department of Chemistry, Lucknow University, Lucknow
6. Participated in **World Environment Day celebrations** June 5-20, 2012, organized by University of Lucknow, Lucknow in association with UNESCO.

7. Participated in **International Conference on Chemistry and Materials Prospects and Perspectives-2012 (ICCMPP-2012)**, December 14-16, 2012, organized by Department of Applied Chemistry, School for Physical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow
8. Participated in National seminar on “**NATURAL PRODUCTS & ORGANIC SYNTHESIS – 2012**” March 2012, organized by Chemistry Department, University of Lucknow, Lucknow.