

Biosketch

Faculty Name: Dr. Ranjana Shukla



Areas of Interest:

Cancer Research, Environmental Pollution

Education

- Ph.D., Kanpur University, Kanpur.

Academic/Industrial Experience

1. Professor, B.B.D.Educational Group, Joining 1 Feb 2001 till continue
2. Assistant Professor, M.M.E.C. Gorakhpur, 20-7-1998 to 30-12-1998

Selected Publications

1. **Differential Refractometric Studies on the Charge Transfer Interaction of 4-Nitroquinoline-1-Oxide with some π and n -Donors**, *Asian Journal of Chemistry*, Vol.11 (2), 584-590, (1999).
2. **Energy Production From Spent Wash – A Waste From Lucknow Distillery**, *Indian Journal of Environmental Protection*, Vol. 25(7), 617-619, (2005).
3. **'Water Quality Index of Surface Water in an Industrial Area in Kanpur City'**, published in *Environmental Engineering Journal of IEI*, Vol. 92, 18-22, Sep. 2011. [This paper receipt award from *The Institution of Engineers (India)*, as co-author with "*Surendranath Mukherjee Memorial Prize*" on date. Dec. 14, 2012 in 27th Indian Engineering Congress held at Vigyan Bhawan, New Delhi] **Now a date this journal is International Journal with tie-up with Springer.**
4. **'Minimization of Contact Time for Two-Stage Batch Adsorber Design Using Second-Order Kinetic Model for Adsorption of Methylene Blue (MB) on used Tea Leaves'** *International Journal of Scientific and Innovative Research* vol-2 (1),58-66,2014.
5. **E-Waste as an emerging problem**, [International Journal of Applied Environmental Science & Technology \(IJAEST\): ISSN : 2321-8223](#), Vol. 3(1) 2015, pp.9-15.

6. **Health hazards by E-Waste at global level**, [International Journal of Applied Environmental Science & Technology \(IAEST\): ISSN: 2321-8223](#), Vol. 3(1) 2015, pp. 25-37.
7. Research paper on **“Adsorptive capacity of sawdust for the adsorption of MB dye and designing of two-stage batch adsorber”** in **Cogent Environmental Science**, (International Journal of Taylor and Francis group) published on 17 August 2015. **1:1075856**
8. Research Paper on **“Conductometric Studies on the Charge Transfer Interaction of Some Genetic Bases with 4-Nitroquinoline-1-Oxide”** published in International Journal of Innovative Research in Science, Engineering & Technology, ISSN-online: 2319-8753/Print: 2347-6710, Vol. 6, Issue 7, July-2017.PP 14896-14899.
9. Research Paper on **“Spectrophotometric Studies on the Charge Transfer Interaction of 4-Nitroquinoline-1-Oxide with some pi- and n-Donors”** published in International Journal of Innovative Research in Science, Engineering & Technology,ISSN-Online:2319-8753/Print:2347-6710, Vol. 6, Issue 7, July-2017.PP 14882-1488
10. Research Paper on **“Solid Charge Transfer Complexes of 4-Nitroquinoline-1-Oxide With Ph₃M (M=P,As,Sb)** published in International Journal of Applied and Natural Sciences (IJANS) ISSN-Online:2319-4022,ISSN-Print:2319-4014, Vol.8,Issue 4 Jun-Jul 2019;27-32
11. Research Paper on **“Quantitative Treatment of HSAB Principle in Molecular interactions between 4-Nitroquinoline-1-Oxides and some n-Donors”** published in International Journal of Applied and Natural Sciences (IJANS) ISSN-Online:2319-4022; ISSN-Print:2319-4014,Vol.8,Issue 4,Jun-July 2019;47-60
12. Research Paper published in **Global Journal of Engineering Science and Researches “Cancer, Mutagens and Carcinogens”** [COTII 2019] ISSN 2348-8034, 179-183
13. Research Paper on **“Charge Transfer Complexation Theory”** published in International Journal of Multidisciplinary Educational Research ISSN-2277-7881 ,Vol.9,Issue 10 (1), October 2020, 90-95
14. Research Paper on **“4-Nitroquinoline-1-oxide as carcinogen and some theories and model for chemical induction of cancer”** published in International Journal of Research and Analytical Reviews (IJRAR) ISSN Online 2348-1269,ISSN-Print-2349-5138Volume 8,Issue 4 ,December 2021 ,516-522.

Other Details:

- Member of Board of Studies (B.O.S.) of Chemistry, Uttar Pradesh Technical University, Lucknow for syllabus revision of chemistry for the session from 2004-2008.
- LIFE MEMBERSHIP of ASSOCIATION OF CHEMISTRY TEACHERS, dated 09/11/2013 (LM No. 851).
- LIFE MEMBERSHIP of THE ACADEMY OF ENVIRONMENTAL BIOLOGY dated 05/04/2015 (Ref No AEB/736/2015)
- Member of Women Grievance Committee, BBDNITM, Lucknow.(2013,2014)
- NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India) on course Ecology and Environment, August-October, 2018.
- NPTEL Online Certification & FDP (Funded by the Ministry of HRD, Govt. of India) on- course Accreditation and Outcome Based learning, August-October, 2019
- NPTEL Online Certification & FDP on Course -Entrepreneurship and IP Strategy , Sep-Nov 2020
- NPTEL Online Certification on Course NBA Accreditation and Teaching – Learning in Engineering (NATE) , Jan-Apr 2020
- NPTEL Online Certification & FDP, Course -Roadmap for Patent Creation , Jan-March 2021
- LIFE MEMBERSHIP of INDIAN ACADEMY of BIOMEDICAL SCIENCES (IABS) dated **25/6/2019** (Life Membership No.257/19)
- LIFE MEMBERSHIP of U P Academy of Science **2019**
- LIFE MEMBERSHIP of Vigyan Bharti **2019**
- LIFE TIME MEMBERSHIP Of U.P.AMATEUR ASTRONOMERS CLUB (Membership No. 86) dated **29 January 2020**