

Deeksha Ranjan, Ph.D. (Chemistry)

E-mail: drdeeksha.r@gmail.com

Cell Phone: 9415525879, 9335599619

Summary

- 9.9 years of research and teaching experience at level of Assistant Professor.
- 2 years of research and teaching experience as SRF.
- Well published author with above 20 publications (having impact factor above 30), book, book chapters, and conference presentations and a citation over 400 (h-factor 11).
- Excellent team player and individual contributor along with good communication, presentation skills and analytical mind set. Very adaptable to changing demands and priorities.

Academic Qualification

Ph.D. - Chemistry (2009)

Indian Institute of Technology, Banaras Hindu University, Varanasi- INDIA

Title: “*Studies on the remediation of arsenic and selenium from water*”

M.Sc. – Inorganic Chemistry (2005)

Lucknow University, Lucknow, U.P.

B.Sc. – ZBC (2003)

Sacred Heart Degree College, Sitapur (CSJM Kanpur University, Kanpur, U.P.).

Research Focus

Water and waste water treatment with special interest in the following areas:

- *Biosorption for removal of water pollutants (heavy metals, dyes);*
- *Batch and fixed-bed continuous column modes of sorption;*
- *Optimization of the process variables with the help of RSM design.*

Professional Experience

1. Assistant Professor of Chemistry, University Polytechnic (Diploma), Rama City, Kanpur, UP

(01.08.2019 – till date)

2. Assistant Professor of Chemistry, Arni University, Kangra, HP, India*(14.09.2011 – 28.05.2015)*

Teaching Chemistry in Ph.D., M.Phil., M.Sc. and B.Sc. courses and guiding the masters (M.Sc. and M.Phil.) and doctoral projects. Research was focused in field of *Adsorption for treatment of water pollutants*. I have guided 7 M.Phil. and 8 M.Sc. projects. Taught following subjects at doctoral, master and bachelor levels: *Advanced Chemistry, Organometallic Chemistry, Symmetry and Group theory, Analytical Chemistry, Biophysical Chemistry, Physical Chemistry, Engineering Chemistry, Inorganic Chemistry.*

I have been recognized for discipline, regularity, motivation and effective teaching.

3. SRF in IIT (BHU) *(April 2009 to March 2011)*

Taught B.Tech. (Chemistry) students and conducted practical labs of B.Tech. and Integrated M.Tech. students.

Personal Profile

Date of Birth: June 15th, 1982 Gender: Female Marital Status: Married
Corresponding Address: 124/ 156, C-Block, Govind Nagar, Kanpur - 208006, U.P.