

# CURRICULUM-VITAE

Dr. Shalini Bajpai

## Personal Details

Husband name : Dr. Rajesh Bajpai  
Date of birth : 15<sup>th</sup> July, 1980  
Nationality : India  
Language Proficiency : Hindi & English

## Education Qualification

- ❖ **High School:** in 1995 from the UP Board Allahabad  
Subject: Hindi, English, Science, Mathematics, Social Science & Biology
- ❖ **Intermediate:** in 1997 from the UP Board Allahabad  
Subject: Hindi, English, Physics, Chemistry & Biology
- ❖ **B.Sc:** In 2000 from the CSJM University, Kanpur  
Subject: Botany & Chemistry
- ❖ **M.Sc:** In 2002 from the CSJM University, Kanpur  
Subject: Chemistry (Inorganic).
- ❖ **Ph.D:** In 2008 from UP Technical University, Lucknow.

## Publication

- ✚ Kinetics and mechanism of oxidation of aminoalcohols by Nbromosuccinimide in alkaline medium.  
Shalini Pandey, N. Kembo and S.K. Upadhyay, Oxidation Communication, 27(4), 821 (2004).
- ✚ Effect of cationic micellar aggregates on the kinetics of oxidation of aminoalcohols by Nbromosuccinimide in alkaline medium.  
Shalini Pandey and S.K. Upadhyay, J.Colloid and Interface Science, 285(2), 789 (2005).
- ✚ Effect of non-ionic micellar aggregates on the kinetics of oxidation of aminoalcohols by Nbromosuccinimide in alkaline medium.  
Shalini Pandey and S.K. Upadhyay, Indian J.Chemical Tech.,11,35(2005).
- ✚ Anionic micellar catalysis on the redox reaction of aminoalcohols with N-bromosuccinimide in alkaline medium; A kinetic study.

- Shalini Pandey and S.K. Upadhyay, Indian J.Chemistry,44A, 1822(2005).
- ✚ Positive co-operativity in non-ionic micellar catalysed oxidation of aminoalcohols by N-bromosuccinimide in alkaline medium; A kinetic study.  
Shalini Pandey, N. Kembo and S.K. Upadhyay, Oxid.Comm. ,29(2), 328 (2006).
  - ✚ Hydrotropic enhancement of rate of broming reaction; A kinetic study.  
N. Kambo, Shalini Pandey and S.K. Upadhyay, J. Dispersion Science & Tech., 27(8), 1113(2006)
  - ✚ Studies on effect of diluent concentration on thermal and mechanical properties of epoxy novolac resin. Shalini Bajpai; Academic Social Research, Vol-6,2020.
  - ✚ Book chapter published in book “Environmental Science” in Feb 2024, Page no. 84-97.

### Experience

- Assistant Professor in **D.B.S. P.G. College, Kanpur** since July 2009 to till date.

### Other Activates

- Orientation programme from I.S.P.G. College, Prayagraj 16 July, 2019 to 12 Aug 2019.
- Refreshes course in “ Advanced research methodology tools and techniques from ramanujan college delhi university dated 30 Jan-14 Feb 2021.
- Refresher course in ‘chemistry’ from ramanujan college delhi university dated 30 June- 14 July 2023.
- Teacher’s award by Indian thinker society and csjm university 29 dec 2021.
- Life member of professional academic bodies i.e. Indian Sci Congress and Vigyan Bharti.
- Reviewed a paper methane adsorption on hybrid ether ketone [manu No.- JECAS-2020-08-13] J. of engineering and applied science in year -2020.

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