




Shivaji College Faculty Details Proforma

Title	First Name	Last Name	Photograph
Dr	Vandana	Katoch	
Designation	Assistant Professor		
Address	Flat-2 Shivaji College Staff Flats Raja Garden Delhi 110027		
OfficePhone No.	011-25191458		
Residence	011-25101244		
Mobile	8447707080		
Email	vandanakatoch2@gmail.com		
Web-Page			
Educational Qualifications			
Degree	University/Institute	Year	
Ph.D.	Delhi University	1999	
M.Phil./M.Tech.	NA		
PG	M.Sc (Chemistry)	1991	
UG	B.Sc	1989	
Any Other Qualification	NA		
Career Profile			
I had taught for seven years in Maitreyi College and joined Shivaji College in 2006.			
Administrative Assignments			

Worked as a Teacher Incharge of Chemistry Deptt in 2016-17

Areas of Interest/Specialisation

Physical Chemistry, Environmental Chemistry

Subjects Taught

Inorganic, Organic, Physical Chemistry and, Environmental Chemistry

Innovation Project/Research Projects (Major Grants/Research Collaboration)

NIL

Publications Profile (Research Papers/Books)

1 Kakkar,R., Katoch, V.- Theoretical study of the excited state intramolecular proton transfer in barbituric acid. *Journal of Molecular Structure (Theochem)* 578 (2002) 169-175.

2 Kakkar, R., Sarma,B.K., Katoch, V. - Theoretical study of the mechanism of proton transfer in tautomeric system: Alloxan. *Proc. Indian Acad. Sci-(Chem.Sci)*, Vol. 113, No 4, August 2001, 297-306.

3 Kakkar,R., Katoch, V.-AM1 Study of Proton- Transfer Reactions of Barbituric Acid *International Journal of Quantum Chemistry*, Vol. 74, 327-336 (1999)

4 Kakkar,R., Katoch, V.- A semiempirical MO study of tautomerism and the electronic structure of barbituric acid. *Proc. Indian Acad. Sci.* Vol. 110, No.6, December 1998,535-543.

Conference/Seminar/Faculty Development Programme/Workshop

1. National workshop on challenges and opportunities in chemistry held on September 2006 at Maitreyi College.
2. DU-NERI (AU) Workshop on Atmospheric Science and Climate Change held on February 2009 at department of chemistry DU.
3. Management of Waste from Electronics & Renewable Energies held on January 2010 at Bhaskaracharya College Of Applied Sciences.
4. ICT workshop for capacity building of DU faculty in April 2010.
5. Workshop on Foundation course of Science and Life held on June 2013.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Awards and Distinctions

Memberships

Other Academic Activities

Cultural/ Extracurricular Activities

MEMBER OF WOMEN DEVELOPMENT CELL IN 2015-16

Signature of Faculty Member