



DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	Dr	First Name	Vivek	Last Name	Saxena	Photograph
Designation	Associate Professor					
Address	C 28 Brahma CGHS Apartments Plot 7, Sector 7 Dwarka Delhi 110075					
Phone No. Office	011-26439565					
Residence						
Mobile	9968095528					
Email	Vivek5763@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi				2000	
M.Phil.						
PG	University of Delhi				1986	
UG	University of Delhi				1984	
Any other qualification						
Career Profile						
Associate Professor 2006-till date - (Permanent) Deshbandhu College, University of Delhi Reader - 2002-2006 - (Permanent) Deshbandhu College, University of Delhi Senior Lecturer 1999-2002 - (Permanent) Deshbandhu College, University of Delhi Lecturer – (1) 1994-1996 – (Ad-hoc) Sri Venketeshwara College, University of Delhi (2) 1996-1999 – (Permanent) Deshbandhu College, University of Delhi						
Administrative Assignments						
Member Admission Committee 1997 –1998 Member Cultural Committee 1997-1998 Member Admission Committee 1998-1999 Member Cultural Committee 1998-1999 Co-convener Admission Committee 1999 – 2000 Teacher – In-Charge – Department of Chemistry 2000-2001 Member Admission Committee 2000-2001 Teacher – In-Charge – Department of Chemistry 2001-2002 Member Admission Committee 2001-2002 Convener Purchase Committee 2001-2002 Member Admission Committee 2002-2003 Convener Purchase Committee 2002-2003 Convener Building Committee 2004-2005 Convener Building Committee 2005-2006 N.S.S. (National Service Scheme) Program Officer, 2005-2015						

Areas of Interest/Specialization			
Physical Chemistry			
Subjects Taught			
B.Sc. (Hons) Chemistry	II nd Year	Physical Chemistry	1994-2009
B.Sc. (Hons) Chemistry	III rd Year, Vsem, VI sem	Physical Chemistry	1994-2009
B.Sc. (General)	II nd,	Physical Chemistry	1996-2009
B.Sc. (program)	II nd Year, III sem, IV sem	Physical Chemistry	2009-2013
B.Sc. Hons, (FYUP)	II sem	Foundation Course	2013-2014
B.Sc. (Hons) Chemistry	III rd Year	Physical Chemistry	2014-2018
Research Guidance			
<ul style="list-style-type: none"> • <i>Innovation Project 2012-13</i>- Code DB-102 "Qualitative analysis of water and gaseous pollutants from different zones of NCR region and designing some tools and techniques to eradicate them by using absorption and adsorption techniques involving biodegradable materials." • <i>Innovation Project 2013-14</i>, Code DB-203 "Study and improvement of various existing and development of new devices harnessing renewable energy resources to make them cheaper, more energy efficient and user friendly" 			
Publications Profile			
<ul style="list-style-type: none"> • Canadian J. Chemistry. 70(1): 34-38 (1992). "Molecular dynamics simulation of Interhalogen compounds. 1. Liquid chlorine Trifluoride (ClF₃): structure and thermodynamics" (One co-author) • Canadian J. Chemistry. 71(12): 2189-2193 (1993) "Molecular dynamics simulation of Interhalogen compounds using two potential models 2. Liquid bromine Trifluoride (BrF₃) – structure and thermodynamics (independent) • Indian J. Chemistry, 27A, 1013, 1988. "A non-local pseudo-potential in FSGO model study: some typical organic molecules." (two co-authors) 			
Conference Organization/ Presentations			
<ul style="list-style-type: none"> • Poster Presentation on "Application of Molecular Modeling in AIDS research" Second International Symposium on "GREEN/SUSTAINABLE CHEMISTRY". IUPAC, 10-11 Jan 2006. Department of Chemistry, University of Delhi, Delhi 110007 & New Jersey Institute of Technology. • Paper Presentation on "Quality Education for All Young People: Challenges, Trends and Priorities." UGC National Seminar 1-3 Nov 2004 at "J. N. Vyas University, Jodhpur, India • POSTER presentation Qualitative analysis of water and gaseous pollutants from different zones of NCR region and designing some tools and techniques to eradicate them by using absorption and adsorption techniques involving biodegradable materials" - INTERNATIONAL CONFERENCE on RECENT ADVANCES IN CHEMICAL SCIENCES to be held in our Department of Chemistry, Arya P.G. College, Panipat, Haryana, INDIA ▪ Participated as resource person in Workshop on "Development of Content for Creating an Internet Based Virtual Laboratory For Class X Science (Chemistry) Practical" CIET, National Council for Education, Research and Training. N. Delhi. INDIA ▪ National Workshop on Challenges and Opportunities In Chemistry, 22- 23 Sept 2006. Department of Chemistry, Maitreyi College, university of delhi, Delhi ▪ Poster Presentation on "Application of Molecular Modeling in AIDS research" Second International Symposium on "GREEN/SUSTAINABLE CHEMISTRY". IUPAC, 10-11 Jan 2006. Department of Chemistry, University of Delhi, Delhi 110007 & New Jersey Institute of Technology. ▪ Symposium on Monte Carlo and Computer Simulation Techniques. 19 Nov 2004. CSIR, N. Delhi. A.R.S.D. College University of Delhi. Delhi. 			

- Paper Presentation on “Quality Education for All Young People: Challenges, Trends and Priorities.” UGC National Seminar 1-3 Nov 2004 at “J. N. Vyas University, Jodhpur, India
- National Seminar on Recent Trends In Chemistry, 22- 24 Sept 2004. Department of Chemistry, Maitreyi College, university of Delhi, Delhi
- UGC Sponsored Refresher Course in Chemistry. 15th April – 7th May 03. Centre for Professional Development in Higher Education (CPDHE) University of Delhi, Delhi 110007, INDIA
- UGC Sponsored Refresher Course in Chemistry. 1 – 20 Sept 2003. Centre for Professional Development in Higher Education (CPDHE) University of Delhi, Delhi 110007, INDIA.
- Participated as resource person in the workshop on “Development of a model Cooperative Learning strategy for teacher orientation in chemistry” 31st oct – 1st Nov 1999. Deptt. Of Education in Science & Mathematics, NCERT, Delhi.
- UGC Sponsored Refresher Course in Chemistry. 14th Dec '98 – 4th Jan '99. Centre for Professional Development in Higher Education (CPDHE) University of Delhi, Delhi 110007, INDIA.
- UGC Sponsored Refresher Course in Chemistry. 29th sept. – 18th Oct 1997. Centre for Professional Development in Higher Education (CPDHE) University of Delhi, Delhi 110007, INDIA.

Worked as Resource Person in **12** one/two week in computer training workshops teaching software and languages e.g. BASIC, FORTRAN etc. (Refresher Courses for University Teachers) organized by CPDHE, University of Delhi. Delhi, Year 1990-1991.

Research Projects (Major Grants/Research Collaboration)

Innovation Research Project DB-102 2012-2013- (Funded By) University of Delhi)- Completed
 Innovation Research Project DB-203 2013-2014- (Funded By) University of Delhi)- completed

Awards and Distinctions

Association With Professional Bodies

- *Editing*
- *Reviewing*
- *Advisory*
- *Committees and Boards*
- *Memberships*
- *Office Bearer*

Other Activities

Signature of Faculty
 Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.