




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

Title	Dr.	First Name	Vaishali	Last Name	Thakral	Photograph
Designation	Assistant Professor					
Address	C-5A, H.No. 73, 1 st floor, Janakpuri, New Delhi-110058.					
Phone No. Office	01126439565					
Residence Mobile	+919818885179					
Email	vthakral@db.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi				2013	
M.Phil.						
PG	University of Delhi				2007	
UG	University of Delhi (Hansraj College)				2005	
Any other qualification						
Career Profile						
<ul style="list-style-type: none"> ■ Working as Assistant Professor at Department of Chemistry, Deshbandhu College, University of Delhi, Delhi-110 019 (Since Oct 2014–till date). ■ Worked as Assistant Professor (Ad-hoc) at Department of Chemistry, Deshbandhu College, University of Delhi, Delhi-110 019 (Since July 2012– Oct 2014). ■ Worked as Assistant Professor (Ad-hoc) at Department of Chemistry, HansRaj College, University of Delhi, Delhi-110 007 (July 2011–July 2012). 						
Administrative Assignments						
<ul style="list-style-type: none"> ■ NCC Officer (Girls) Deshbandhu College (July 2013-Feb 2018) <p>Member of various committees in Deshbandhu College University of Delhi, Delhi–110 019, India</p> <ul style="list-style-type: none"> ■ Member, Canteen Committee, 2019-20 ■ Member, Garden Committee, 2019-20 ■ Member, Union Advisory Committee, 2014-15, 2017-18. ■ Member, Sports Committee, 2016-17. ■ Member, Financial Assistance Committee, 2018-19. 						
Areas of Interest/Specialization						
Materials Chemistry, Crystallography, Coordination Chemistry and Organometallics .						
Subjects Taught						
All topics of INORGANIC CHEMISTRY of B.Sc(H) AND B.Sc(Prog) Courses.						
Publications Profile						

Vinod Kumar, Neha Bhardwaj, Nobel Tomar, **Vaishali Thakral** and S. Uma, Novel lithium containing honeycomb structures, *Inorganic Chemistry Communications*, 51 (2012) 10471.

Vaishali Thakral, Neha Bhardwaj and S. Uma, Synthesis and structural investigation of a unique columnar phase in the $\text{Bi}_2\text{O}_3\text{-TeO}_2\text{-V}_2\text{O}_5$ system, *Inorganic Chemistry*, 51 (2012) 462.

Vaishali Thakral and S. Uma, Investigation of visible light photocatalytic behavior of $\text{Bi}_4\text{V}_2\text{O}_{11-8}$ and BIMEVOX (ME= Al, Ga) oxides, *Materials Research Bulletin*, 10 (2010) 1250.

S. Uma, Jyoti Singh and **Vaishali Thakral**, Facile room temperature ion-exchange synthesis of Sn^{2+} incorporated pyrochlore-type oxides and their photocatalytic activities, *Inorganic Chemistry*, 48 (2009) 11624.

Conference Organization/ Presentations

- **Member**, "Indo-Portuguese Workshop on Emerging Trends of Nanotechnology in Chemistry and Biology (INCB-2016)" organized by Department of Chemistry, Deshbandhu College & Department of Chemistry, Hansraj College, University of Delhi, Delhi-110 019, India *In Association with* Centro de Química da Madeira, University of Madeira, Portugal. **12th & 13th February 2016**.
- Novel lithium containing honeycomb structures, Vinod Kumar, Neha Bhardwaj, Vaishali Thakral, S. Uma. (Presented at: ISMC-2012 BARC, Mumbai and won the third best poster prize)
- Investigation of the synthesis, structure and photocatalytic applications of anion incorporated layered oxides, Vaishali Thakral, Vinod Kumar, S. Uma. (Presented at: ISMC-2010 BARC, Mumbai and won the third best poster prize)
- Controlled synthesis of Fe_3S_4 and FeS_2 from a single solvent system, Prashant Kumar, Vaishali Thakral, R. Nagarajan. (Presented at: Indian Association for the Cultivation of Science (2010), Kolkata)
- Synthesis and Investigation of Structural and Photocatalytic Properties of mixed Metal Oxides, S.Uma, Jyoti Singh, Mamta Kharkwal and Vaishali Thakral. (Presented at: ISMC-2008 BARC, Mumbai)

Research Projects (Major Grants/Research Collaboration)

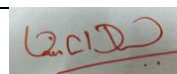
Innovation Project entitled, "Silver chalcogenide nanoparticles for their catalytic and biomedical applications (DBC-303/2015-16)", by University of Delhi, New Delhi-110007.

Awards and Distinctions

- ✚ **Best Poster Prize (3rd prize) in International Symposium of Materials Chemistry-2010, Bhabha Atomic Research Centre.**
- ✚ **Senior Research Fellowship under UGC scheme July 2010- July 2011.**
- ✚ **Junior Research Fellowship under UGC Scheme July 2008-June 2010.**
- ✚ **Awarded the UGC fellowship for meritorious students in February 2008.**
- ✚ **Qualified Joint CSIR-UGC test NET (Lectureship) in June 2007.**
- ✚ **Awarded Certificate of Merit by Central Board of Secondary Education (CBSE) for being among the Top 0.1% of successful candidates in the AISSE Examination in Mathematics.**

Association With Professional Bodies

- Lifetime Member of Society of Materials Chemistry, Bangalore.



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.