



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 05-07-2026

## 1. Personal Profile

Title: **Dr.** First Name: **ABHISHEK** Last Name: **VERMA**

Designation: **ASSISTANT PROFESSOR** Mobile No. -----

Phone No. (Office) ----- Phone No. (Residence): -----

Email: **abhishekvermag@kmc.du.ac.in** Webpage: -----



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Twitter: [www.twitter.com/abhishekvermag](http://www.twitter.com/abhishekvermag)

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Instagram: [www.instagram.com/abhishekvermag](http://www.instagram.com/abhishekvermag)

Youtube: -----

Research Gate Link: -----

Google Scholar Link: -----

Address: **DEPARTMENT OF CHEMISTRY, KIRORI MAL COLLEGE, NORTH CAMPUS, UNIVERSITY OF DELHI, DELHI-110007.**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
Ph.D. Chemistry	University of Delhi	2023
M.Sc. Chemistry	Indian Institute of Technology Delhi	2015
B.Sc. (H) Chemistry	Kirori Mal College, University of Delhi	2012
Senior Secondary School	Jawahar Navodaya Vidyalaya, Saharanpur, Uttar Pradesh	2008

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	CONVENER	ALUMNI COMMITTEE KIRORI MAL COLLEGE, DELHI	08.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROCTOR & DISCIPLINE COMMITTEE KIRORI MAL COLLEGE, DELHI	18.May.2023 - Till date	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	HOSTEL ADMISSION COMMITTEE KIRORI MAL COLLEGE, DELHI	18.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ALUMNI COMMITTEE KIRORI MAL COLLEGE, DELHI	18.May.2022 - 17.May.2023	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STUDENT UNION ACTIVITIES COMMITTEE Kirori Mal College	08.Apr.2023 - Till date	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### **FACULTY DEVELOPMENT PROGRAM (FDP) ORGANIZED**

Was member of the Organising Committee to organise one-week Online Faculty Development Programme on "Environmental Sciences and Public Health" from February 1st-5th, 2022 which was organised by Kirori Mal College, University of Delhi in collaboration with Mizoram University under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNMTT), Ministry of Education, Government of India.

##### **WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

Was a member of the Organizing Committee to organise the online International Conference "9<sup>th</sup> Asian Network for Natural & Unnatural Materials (ANNUM-9)" held on 8<sup>th</sup> April, 2022 in the Department of Chemistry, University of Delhi, INDIA.

## **SUBJECTS TAUGHT**

### **Organic Chemistry papers taught:**

1. Carbonyls, Carboxylic Acids, Amines, Nitro Compounds, Nitriles, Isonitriles and Diazonium salts (D.S.C.-N.E.P.; B.Sc. (H) Chemistry-III semester)
2. Basic Concepts and Aliphatic Hydrocarbons (D.S.C.-N.E.P.; B.Sc. (H) Chemistry-I semester)
3. Instrumental Methods of Analysis (D.S.E.-L.O.C.F.; B.Sc. (P) Analytical Chemistry-VI semester)
4. Separation Methods-II (Core-L.O.C.F.; B.Sc. (P) Analytical Chemistry-IV semester)
5. Analytical Biochemistry (D.S.E.-N.E.P.; B.Sc. (P) Analytical Chemistry-III semester)
6. Analytical Clinical Biochemistry (S.E.C.-L.O.C.F.; B.Sc. (P) Physical Science-VI semester)
7. Pesticide Chemistry (S.E.C.-L.O.C.F.; B.Sc. (P) Physical Science-IV semester)
7. Green Methods in Chemistry (S.E.C.-L.O.C.F.; B.Sc. (P) Analytical Chemistry-III semester)
8. Molecules of Life (G.E.-L.O.C.F.; B.Sc. (H)-II semester)

### **Inorganic Chemistry papers taught:**

1. Inorganic Chemistry III:Coordination Chemistry (Core-L.O.C.F.; B.Sc. (H) Chemistry-IV semester)
2. Inorganic Chemistry II: s- and p-Block Elements (Core-L.O.C.F.; B.Sc. (H) Chemistry-III semester)
3. Organometallics, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy (D.S.E.-L.O.C.F.; B.Sc. (P) Physical Science-VI semester)
4. Chemistry of d-Block Elements, Quantum Chemistry and Spectroscopy (D.S.E.,-L.O.C.F.; B.Sc. (P) Physical Science-V semester)
5. Periodic Properties and Chemical Bonding (D.S.C.-N.E.P.; B.Sc. (P) Analytical Chemistry-II semester)
6. Chemical Energetics, Equilibria and Functional Group Organic Chemistry-I (Core,-L.O.C.F.; B.Sc. (P) Physical Science-II semester)
7. Basic Principles and Laboratory Operations (D.S.C.-N.E.P.; B.Sc. (P) Analytical Chemistry-I semester)
8. Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons (Core,-L.O.C.F.; B.Sc. (P) Physical Science-I semester)
9. Chemistry of s- and p-Block Elements, States of Matter and Chemical Kinetics (G.E.-L.O.C.F.; B.Sc. (H)-II semester)

## AREAS OF INTEREST/ SPECIALIZATION

Area of interests:

1. Heterocyclic compounds
2. Reaction Mechanisms
3. General Organic Chemistry
4. Functional Group Chemistry

## 5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
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## 6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
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## 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (International)	Glycerol-Triazole Conjugated Rhodamine as Colorimetric and Fluorimetric Sensor for Cu <sup>2+</sup>	ChemistrySelect	Abhishek Verma, Parveen Gahlyan, Rashim Bawa, Soumya Ranjan Dash, Ashok K. Kumar and Rakesh Kumar (First Author)	<a href="https://doi.org/10.1002/slct.202102145">https://doi.org/10.1002/slct.202102145</a>	September 2021
JOURNAL PAPER (International)	Chemical libraries targeting Liver Stage Malarial infection	Chemical Biology LETTERS	Abhishek Verma, Neha Sharma, Poonam, Prakasha Kempaiah and Brijesh Rathi (Joint Author)	<a href="http://pubs.thesciencein.org/cbl">http://pubs.thesciencein.org/cbl</a>	June 2019

JOURNAL PAPER (International)	Oxygen mediated highly efficient cobalt(II) porphyrin-catalyzed reduction of functional chromones: experimental and computational studies	New Journal of Chemistry	Poonam, Pratibha Kumari, Maria Grishina, Vladimir Potemkin, Abhishek Verma and Brijesh Rathi (Joint Author)	10.1039/c9nj00266a	February 2019
JOURNAL PAPER (International)	Design and synthesis of fluorescent symmetric bis-triazolylated-1,4-dihydropyridines as potent antibreast cancer agents	SYNTHETIC COMMUNICATIONS	Rakesh Kumar, Parveen Gahlyan, Abhishek Verma, Ruchi Jain, Sharmistha Das, Rituraj Konwar and Ashok K. Prasad (Joint Author)	<a href="https://doi.org/10.1080/00397911.2017.1422521">https://doi.org/10.1080/00397911.2017.1422521</a>	November 2017

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
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## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2022	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	One-week online Faculty Development Programme on "Environmental Sciences and Public Health"	01.Feb.2022 - 05.Feb.2022
2022	FACULTY DEVELOPMENT PROGRAM ATTENDED	ORGANIZER	National	One-week online Faculty Development Programme on "Environmental Sciences and Public Health"	01.Feb.2022 - 05.Feb.2022
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSISTANT PROFESSOR	International	9th ASIAN NETWORK FOR NATURAL & UNNATURAL MATERIALS (ANNUM-9)' 2022	08.Apr.2022 - 08.Apr.2022

2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	One Week (Online) Faculty Development Programme on "Ethics and Values in Indian Knowledge System"	06.Jun.2023 - 12.Jun.2023
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**Dr. ABHISHEK VERMA**