



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 15-02-2026

## 1. Personal Profile

Title: Dr. First Name: **KAMLESH** Last Name: **KUMAR**



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

Phone No. (Office) **011-71219084** Phone No. (Residence): -----

Email: [kamlesh@kmc.du.ac.in](mailto:kamlesh@kmc.du.ac.in) Webpage:

<https://sites.google.com/view/kamleshkyadavphd/home>

Facebook: ----- Twitter: -----

LinkedIn: <https://www.linkedin.com/in/kamlesh-k-yadav-phd-7a828a287/> Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/K-Kumar-45>

Google Scholar Link: <https://scholar.google.co.in/citations?user=Lypi6dAAAAAJ&hl=en&authuser=2>

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

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
BSc	DDU Gorakhpur University	2006
MSc	DDU Gorakhpur University	2008
BEd	DDU Gorakhpur University	2010
MTech	Delhi Technological University	2015
PhD	Kumaun University	2021

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY KUMAUN UNIVERSITY, UTTARAKHAND	17.Nov.2020 - 23.Aug.2021	
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	24.Aug.2021 - Till date	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	AUDIO-VISUAL FACILITIES AND EQUIPMENT MAINTENANCE COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY KIRORI MAL COLLEGE, DELHI	01.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ECO CLUB KIRORI MAL COLLEGE, DELHI	01.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	SENSATION – THE DANCE SOCIETY KIRORI MAL COLLEGE, DELHI	01.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	CHEMISTRY IQAC coordinator, Department of Chemistry, Kirori Mal College	20.Dec.2024 - 31.Jul.2025	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### AREAS OF INTEREST/ SPECIALIZATION

1. Synthetic Organic Chemistry
2. Stereoelectronic effects and reaction mechanism
3. Molecular docking and simulation
4. Medicinal chemistry

##### SUBJECTS TAUGHT

1. Carbonyls, carboxylic acid, carboxylic acid derivatives, amine, nitro compounds, nitriles, isonitriles, and diazonium salts.
2. Medicines in daily life
3. Fundamentals of organic chemistry, Stereochemistry and hydrocarbons
4. Haloalkanes/Arenes/Haloarenes/Alcohols
5. Chemistry of carboxylic acids and its derivatives
6. Polynuclear Hydrocarbons
7. Molecules of life
8. Carbohydrates, lipids heterocycles
9. Analytical clinical biochemistry

##### AWARDS AND DISTINCTIONS

Qualified joint CSIR-UGC test for NET/JRF exam conducted by CSIR

Qualified GATE exam conducted by IITs/IISc

## 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
JOURNAL PAPER (International)	A Route to 2?Alkenyl?3?(tert?butyldiphenylsilyl)amines and Application to the Construction of a Tricyclic Ring System	European Journal of Organic Chemistry	Veejendra K Yadav, Bharat D Narhe, Kamlesh Kumar, Vijaykumar Hulikal (Joint Author)	<a href="https://doi.org/10.1002/ejoc.201300319">https://doi.org/10.1002/ejoc.201300319</a>
JOURNAL PAPER (International)	IBX-TfOH mediated oxidation of alcohols to aldehydes and ketones under mild reaction conditions	Tetrahedron Letters	Kamlesh Kumar, Prashant Kumar, Penny Joshi, Diwan S Rawat (First Author)	<a href="https://doi.org/10.1016/j.tetlet.2020.15174">https://doi.org/10.1016/j.tetlet.2020.15174</a>
JOURNAL PAPER (International)	Structurally modified compounds of hydroxychloroquine, remdesivir and tetrahydrocannabinol against main protease of SARS-CoV-2, a possible hope for COVID-19: Docking and molecular dynamics simulation studies	Journal of Molecular Liquids	Deepak Mishra, Radha Raman Maurya, Kamlesh Kumar, Nupur S Munjal, Vijay Bahadur, Sandeep Sharma, Prashant Singh, Indra Bahadur (Corresponding Author)	<a href="https://doi.org/10.1016/j.molliq.2021.1161">https://doi.org/10.1016/j.molliq.2021.1161</a>
JOURNAL PAPER (National)	A short overview of N-Heterocycle based FDA approved anti-cancer drugs	Chemistry & Biology Interface	Diwan S Rawat* Kemant Pratap, Kamlesh Kumar Yadav (Joint Author)	<a href="https://www.researchgate.net/profile/K-K-45/publication/365370972_CHEMISTRY_Heterocycle_based_FDA_approved_anti-cancer_drugs/links/6372f5b954eb5f547cdshort-overview-of-N-Heterocycle-based-F">https://www.researchgate.net/profile/K-K-45/publication/365370972_CHEMISTRY_Heterocycle_based_FDA_approved_anti-cancer_drugs/links/6372f5b954eb5f547cdshort-overview-of-N-Heterocycle-based-F</a>

JOURNAL PAPER (International)	(±)-Camphor sulfonic acid assisted IBX based oxidation of 1° and 2° alcohols	Tetrahedron Letters	Kamlesh Kumar, Penny Joshi, Diwan S Rawat (First Author)	<a href="https://doi.org/10.1016/j.tetlet.2021.15329">https://doi.org/10.1016/j.tetlet.2021.15329</a>
JOURNAL PAPER (International)	Investigate the efficacy of size exclusion chromatography for the isolation of extracellular vesicles from <i>C. elegans</i>	Journal of Chromatography B	Sharon Thomas, Jaspreet Kaur, Robinsh Kambhoj, Swati Thangariyal, Rahul Yadav, Kamlesh Kumar, Narender K Dhania (Joint Author)	<a href="https://doi.org/10.1016/j.jchromb.2023.123">https://doi.org/10.1016/j.jchromb.2023.123</a>
JOURNAL PAPER (International)	Novel multi-epitope vaccine candidate for lumpy skin disease: Computational design and recombinant expression	Veterinary World	Aman Kumar, Kamlesh Kumar, Savita Budania, Kamlesh Kumari, Pawan Kumar, Sushila Maan, Kanisht Batra, Narender K Dhania (Joint Author)	10.14202/vetworld.2025.2273-2286
CHAPTER (International)	Waste Management: Strategies, Challenges and Future Directions	Nova Science Publishers	Garima Chand, Deepa Kholia, Kamlesh Kumar, Rishendra Kumar, Santosh K. Upadhyay, Penny Joshi (Joint Author)	<a href="https://doi.org/10.52305/SBRJ2174">https://doi.org/10.52305/SBRJ2174</a>
CHAPTER (International)	An Overview of Imaging Techniques for Diagnosis of Debilitating Neurodegenerative Diseases	Springer Singapore	Kumar, K., Dahiya, T.R., Aggarwal, J., Dhania, N.K. (First Author)	<a href="https://doi.org/10.1007/978-981-97-4288-2">https://doi.org/10.1007/978-981-97-4288-2</a>

## 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	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	National	Faculty Development Program	29.Nov.2022 - 13.Dec.2022
2022	FACULTY INDUCTION PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	A 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	20.Oct.2022 - 18.Nov.2022
2024	FACULTY INDUCTION PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME	07.May.2024 - 16.May.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	College	Invited Lecture on "Artificial Intelligence: The Future for Organic Chemistry"	02.Apr.2024 - 02.Apr.2024
2024	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	ASSISTANT PROFESSOR	National	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	07.May.2024 - 16.May.2024
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	International	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	29.Aug.2025 - 29.Aug.2025
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	07.May.2024 - 16.May.2024
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSISTANT PROFESSOR	National	2-Day conference on "Breakthroughs in Drug Design: The Synergy of Machine learning and HPC"	29.Nov.2024 - 30.Nov.2024

Dr. KAMLESH KUMAR