



# 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: **PRIYANKA** Last Name: **JHAJHARIA**

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

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

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



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

LinkedIn: ----- Instagram: -----

Youtube: ----- Research Gate Link: -----

Google Scholar Link: -----

Address: -----

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc.	University of Rajasthan, Jaipur Maharani's College, Jaipur	2003
M.Sc(Organic Chemistry)	Department of Chemistry, University of Rajasthan, Jaipur	2005
Ph.D(Chemistry)	Department of Chemistry, University of Rajasthan, Jaipur	2011
NET	-	2005
UGC(JRF)	-	2006

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	24.Oct.2009 - 11.Apr.2022	
CAREER PROFILE	ASSOCIATE PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	12.Apr.2022 - Till date	

ADMINISTRATIVE ASSIGNMENTS	IN-CHARGE	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jul.2023 - 30.Jun.2024	Admission In-Charge:- B.Sc.(H)Chemistry and M.Sc. Chemistry
ADMINISTRATIVE ASSIGNMENTS	CONVENER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jul.2023 - 30.Jun.2024	Student Faculty Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jul.2017 - Till date	Library Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jul.2018 - 21.Nov.2023	Committee for Catering to Students Diversity
ADMINISTRATIVE ASSIGNMENTS	MEMBER	TIME TABLE COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jul.2022 - Till date	Chemistry Department Time-Table & Workload Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jul.2023 - 30.Jun.2024	Fee Concession Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jul.2023 - 30.Jun.2024	Canteen Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jul.2023 - 30.Jun.2024	Hostal Admission Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jul.2023 - 30.Jun.2024	Kartavya-The Civil Service Society
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	CHEMISTRY Department of Chemistry, Kirori Mal College	01.May.2024 - 30.Apr.2025	
ADMINISTRATIVE ASSIGNMENTS	ASSOCIATE PROFESSOR	CHEMISTRY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Admission in-charge's B.Sc.(H) Chemistry UG & PG
ADMINISTRATIVE ASSIGNMENTS	CONVENER	CHEMISTRY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Screening Committee-Convenor (Chemistry)
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Hostel Admission Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FEE CONCESSION COMMITTEE Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Departmental Seminar Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROCTOR & DISCIPLINE COMMITTEE Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	MUSOC – THE MUSIC SOCIETY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Moderation Committee-Member
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Department of Chemistry, Kirori Mal College	01.Jul.2024 - 30.Jun.2025	KHRUSOS-The Chemistry Festival
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	CHEMISTRY Department of Chemistry, Kirori Mal College	01.May.2024 - 30.Apr.2025	
ADMINISTRATIVE ASSIGNMENTS	ASSOCIATE PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.May.2024 - 30.Apr.2025	Teacher In-charge
CAREER PROFILE	TEACHER-IN-CHARGE	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.May.2024 - 30.Apr.2025	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### AWARDS AND DISTINCTIONS

CSIR UGC-(NET) Qualified in Chemical Sciences in December ,2005

##### AWARDS AND DISTINCTIONS

UGC JRF Qualified in Chemical Sciences in June, 2006.

##### AREAS OF INTEREST/ SPECIALIZATION

Organic Chemistry, Organophosphates, Coordination Chemistry, Green Methods in Chemistry, Elements in Biological Systems, Study of waste water, Pesticide Chemistry and Organic Synthesis.

#### 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
2024	Synthesis of Aminosilane Functionalized Magnetic Clay Nanoparticles as Supersorbent for Wastewater treatment	KMC Research Project	01 Year	20000	17.May.2024
2025	Chemical Modification of Polysaccharides to Develop Novel and Functional Biomaterials with Antimicrobial Properties	KMC Research Project	12 Months	40000	10.Jun.2025

#### 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link
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JOURNAL PAPER (International)	Phosphorylation and Thiophosphorylation of 2-Substituted Benzoxazole and Their Biological Activities	Phosphorus, Sulfur, and Silicon and the Related Elements/Taylor & Francis	P. Jhajharia (Joint Author)	
JOURNAL PAPER (International)	Phosphorylation and Thiophosphorylation of 2-Substituted Benzoxazole and Their Biological Activities	Phosphorus, Sulfur, and Silicon and the Related Elements/Taylor & Francis	Priyanka Jhajharia (First Author)	
JOURNAL PAPER (International)	Synthesis, Characterization and Biological Activity of Organophosphates Derived from Substituted Benzoxazole	Heteroatom Chemistry/Wiley	Priyanka Jhajharia (Joint Author)	
JOURNAL PAPER (International)	Synthesis of Biologically Active Phenoxy Derivatives of Substituted Benzothiazole Organophosphates	Heteroatom Chemistry/Wiley	Priyanka Jhajharia (First Author)	
JOURNAL PAPER (International)	Synthesis and Antimicrobial Studies of Organophosphates Derived from 2-(2'-Hydroxynaphthyl)Benzoxazole	Phosphorus, Sulfur, and Silicon and the Related Elements/Taylor & Francis	Priyanka Jhajharia (First Author)	
JOURNAL PAPER (International)	Thermodynamics and Kinetics of Biosorption of Aqueous Co(II) ions on Pectin bead-based Teabag	Chemical Engineering Science/Elsevier	Priyanka Jhajharia (Joint Author)	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0009250922000011">https://www.sciencedirect.com/science/article/abs/pii/S0009250922000011</a>
JOURNAL PAPER (International)	The Peril of Plastics: Atmospheric Microplastic in Outdoor, Indoor, and Remote Environments	Sustainable Chemistry	PRIYANKA JHAJHARIA (Joint Author)	<a href="https://doi.org/10.3390/suschem5020011">https://doi.org/10.3390/suschem5020011</a>
RESEARCH PAPERS (International)	Exploring the potential of isatin hybrids as anticancer agents: recent advances and future prospective	Medicinal Chemistry Research/Springer	Priyanka Jhajharia (Joint Author)	<a href="https://link.springer.com/article/10.1007/s00044-022-03670-0">https://link.springer.com/article/10.1007/s00044-022-03670-0</a>
RESEARCH PAPERS (International)	Shape-engineered Ag/Ag <sub>2</sub> O/CuO nanostructures for synergistic agrochemical remediation and microbial inhibition	Environmental Science: Nano/Royal Society of Chemistry	Priyanka Jhajharia (Joint Author)	<a href="https://doi.org/10.1039/D5EN00156K">https://doi.org/10.1039/D5EN00156K</a>
RESEARCH PAPERS (International)	Shielding the future: The role of innovative materials in electromagnetic interference mitigation	Journal of Alloys and Compounds/Elsevier	Priyanka Jhajharia (Joint Author)	<a href="https://doi.org/10.1016/j.jallcom.2025.179969">https://doi.org/10.1016/j.jallcom.2025.179969</a>
RESEARCH PAPERS (International)	Towards Zero waste discharge(ZWD) in agar production: <i>Gracilaria dura</i> byproduct-based activated carbon for sustainable environmental remediation	International Journal of Biological Macromolecules/Elsevier	Priyanka Jhajharia (Joint Author)	<a href="https://doi.org/10.1016/j.ijbiomac.2025.143729">https://doi.org/10.1016/j.ijbiomac.2025.143729</a>

RESEARCH PAPERS (International)	Exploring the Potential of Ti3+ in TiO2 through experimental analysis and response surface methodology: Photocatalytic degradation of pharmaceuticals	Energy & Environment/Sage	Priyanka Jhajharia (Joint Author)	<a href="https://doi.org/10.1177/0958305X251343065">https://doi.org/10.1177/0958305X251343065</a>
CHAPTER IN EDITED BOOKS (International)	Chiral Ionic Liquids as Organocatalysts for Asymmetric Organic Transformations/IMIDAZOLIUM PROPERTIES, APPLICATIONS AND BIOLOGICAL SIGNIFICANCE	NOVA	PRIYANKA JHAJHARIA (Joint Author)	<a href="https://novapublishers.com/shop/imidazolium-pro biological-significance/">https://novapublishers.com/shop/imidazolium-pro biological-significance/</a>
CHAPTER IN EDITED BOOKS (International)	Recent Advances in Wastewater Treatment/Integrated Waste Management	SPRINGER	PRIYANKA JHAJHARIA (Joint Author)	<a href="https://link.springer.com/book/10.1007/978-981-9">https://link.springer.com/book/10.1007/978-981-9</a>
CHAPTER IN EDITED BOOKS (International)	Sustainable Nuclear Waste Management: A Nano Materials Perspective/Integrated Waste Management	SPRINGER	PRIYANKA JHAJHARIA (Joint Author)	<a href="https://link.springer.com/book/10.1007/978-981-9">https://link.springer.com/book/10.1007/978-981-9</a>
CHAPTER IN EDITED BOOKS (National)	Seaweed-Derived Biodegradable Design and Textile for a Sustainable Future/Seaweed-Based Valuable Products: Production, Functionalization and Applications	Studera Press, Tri Nagar, Delhi	PRIYANKA JHAJHARIA (Joint Author)	
CHAPTER IN EDITED BOOKS (International)	Homogeneous Catalytic Epoxidation of Olefins/Advances in Homogeneous Catalysis: Homogeneous Oxidation Reactions	Elsevier	Priyanka Jhajharia (Joint Author)	<a href="https://shop.elsevier.com/books/homogeneous-o reactions/rahimpour/978-0-443-15620-5">https://shop.elsevier.com/books/homogeneous-o reactions/rahimpour/978-0-443-15620-5</a>

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number

## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2020	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	University	Annual Refresher Programme in Teaching (ARPIT) "Online Refresher Course in Chemistry For Higher Education"	01.Sep.2019 - 31.Dec.2019

2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	University	One Week FDP on “E - Learning and Developing MOOCs for Teaching Process in Higher Education”	14.Dec.2020 - 20.Dec.2020
2021	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	University	One Week FDP on “ICT – based Learning and Developing MOOCs for Teaching Process in Higher Education”	29.Dec.2020 - 04.Jan.2021
2021	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	University	Online Two week Refresher Course on “Managing Online Classes & Co-creating MOOCS 5.0”	11.May.2021 - 25.May.2021
2022	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	University	One Week FDP on “Environmental Sciences and Public Health”	01.Feb.2022 - 05.Feb.2022
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSISTANT PROFESSOR	International	International Conference on “Contribution of Acharya Prafulla Chandra Ray as a Chemist and Freedom Fighter”	02.Aug.2022 - 03.Aug.2022
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSOCIATE PROFESSOR	National	“Workshop on Interpretation of Instrumental Methods( WIIM-2024)”	08.Jan.2024 - 11.Jan.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSOCIATE PROFESSOR	National	Conference	13.Dec.2024 - 13.Dec.2024

**Dr. PRIYANKA JHAJHARIA**