



# 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: **BHAGAT SINGH** Last Name: **BHAKUNI**

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

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

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



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

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

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

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

Address: **DEPARTMENT OF CHEMISTRY KIRORI MAL COLLEGE DELHI-110007**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc (Hons.) Chemistry	Kirori Mal College, University of Delhi	2007
M.Sc. Chemistry (Inorganic)	Kirori Mal College, University of Delhi	2009
Ph.D Chemistry (Organic Synthesis)	Indian Institute of Science Education and Research Bhopal (IISERB)	2014

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	14.Oct.2015 - Till date	
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY DYAL SINGH COLLEGE, DELHI	28.Jan.2015 - 06.Apr.2015	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	KIRORI MAL COLLEGE Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Hostel Committe, Kartvya civil service society, Bhoomi eco club society, Avenues the placement cell
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	CHEMISTRY Kirori Mal College	01.May.2024 - 30.Apr.2025	Admission In- charge B.Sc. (Hons) Chemistry and M.Sc. Chemistry, Co-Convener Seminar Committee, Convener Discipline Committee.

#### 4. Other Profiles

##### Other Profile Name/ Description

##### MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

- Life Member of Indian Association of Nuclear Chemists and Allied Scientists, BARC, Mumbai
- Life Member of Indian Society of Analytical Scientists, Delhi Chapter.
- Life Member of Indian Science Congress, Kolkata
- Life Member of Indian Network for Soil Contamination research (INSCR), Delhi

##### CERTIFICATE COURSE/ SHORT TERM COURSE ORGANIZED

Certificate (online) course on "Hyperspectral Remote Sensing and its applications". The course was conducted by Indian Institute of Remote Sensing (ISRO) Dehradun, during January 21, 2019 to February 01, 2019.

##### AREAS OF INTEREST/ SPECIALIZATION

Organic Synthesis

##### SUBJECTS TAUGHT

Organometallics, Bioinorganic Chemistry, Analytical Chemistry, Nuclear Chemistry, Environmental Chemistry, Solid State Chemistry, Forensic Science and Organic Chemistry

##### FIELD TRIPS ORGANIZED

Organize a Industrial visit to Sun Pharma laboratories at Gurugram for B.Sc. (H) Chemistry and B.Sc. Analytical Chemistry Final Year Students April 2023

Organize a Industrial visit to ONGC Dehradun for B.Sc. (H) Chemistry and B.Sc. Analytical Chemistry Final Year Students April 2024

##### OTHERS

Editorial board member, Chemical Science Transaction (National Journal), UGC approved journal since 2017

#### 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)	KOtBu Mediated Synthesis of Phenanthridinones and Dibenzoozepinones	Organic Letters	Dr. Bhagat Singh Bhakuni (First Author)		May 2012
JOURNAL PAPER (International)	Radical Chain Breaking Bis (ortho-organoselenium) Substituted Phenolic Antioxidants	Chemistry, an Asian journal	Dr. Bhagat Singh Bhakuni (First Author)		March 2021
JOURNAL PAPER (International)	KOtBu-Mediated Synthesis of Dimethylisoindolin-1-ones and Dimethyl-5-phenylisoindolin-1-ones: Selective C–C Coupling of an Unreactive Tertiary sp <sup>3</sup> C–H Bond	The Journal of Organic Chemistry	Dr. Bhagat Singh Bhakuni (First Author)		March 2014
JOURNAL PAPER (International)	AMVN-initiated expedient synthesis of biaryls by the coupling reaction of unactivated arenes and heteroarenes with aryl iodides	New Journal of Chemistry	Dr. Bhagat Singh Bhakuni (First Author)		January 2014
JOURNAL PAPER (International)	An efficient copper mediated synthetic methodology for benzo [d] isothiazol-3 (2H)-ones and related sulfur–nitrogen heterocycles	Tetrahedron Letters	Dr. Bhagat Singh Bhakuni (First Author)		March 2012
JOURNAL PAPER (International)	Potassium tert-Butoxide Mediated Synthesis of Phenanthridinone	Organic Synthesis	Dr. Bhagat Singh Bhakuni (First Author)		June 2013
JOURNAL PAPER (International)	Cu-catalyzed efficient synthetic methodology for ebselen and related Se? N heterocycles	Organic Letters	Dr. Bhagat Singh Bhakuni (Joint Author)		July 2010
JOURNAL PAPER (International)	Transition-metal-free synthesis of unsymmetrical diaryl chalcogenides from arenes and diaryl dichalcogenides	The Journal of Organic Chemistry	Dr. Bhagat Singh Bhakuni (Joint Author)		June 2013
JOURNAL PAPER (International)	An ebselen like catalyst with enhanced GPx activity via a selenol intermediate	Organic & biomolecular chemistry	Dr. Bhagat Singh Bhakuni (Joint Author)		December 2013
JOURNAL PAPER (International)	Copper catalyzed/mediated synthetic methodology for ebselen and related isoselenazolones	Tetrahedron	Dr. Bhagat Singh Bhakuni (Joint Author)		January 2012
JOURNAL PAPER (International)	Potassium tert-butoxide-mediated synthesis of unsymmetrical diaryl ethers, sulfides and selenides from aryl bromides	Tetrahedron	Dr. Bhagat Singh Bhakuni (Joint Author)		September 2013

JOURNAL PAPER (National)	Synthesis of Diaryl Disulfides, Sulfides and Aryl Alkyl Sulfides from Isothiazolones	Chemical Science Transaction	Dr. Bhagat Singh Bhakuni (Corresponding Author)	January 2016
JOURNAL PAPER (International)	CCDC 989948: Experimental Crystal Structure Determination N-(4-Methoxyphenyl)-2-(phenylthio)benzamide	CSD Communication	Dr. Bhagat Singh Bhakuni (Sole Author)	April 2016

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (National)	Handbook of Environmental Chemical Toxicology	Dr. Bhagat Singh Bhakuni (First Author)	Selective and Scientific Books New Delhi	ISBN8195149286

## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2022	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Faculty Development Program	29.Nov.2022 - 13.Dec.2022
2022	FACULTY INDUCTION PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	FACULTY INDUCTION PROGRAM ATTENDED	20.Oct.2022 - 18.Nov.2022
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Faculty Development Program	28.Sep.2024 - 11.Oct.2024
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Faculty Development Program	18.Mar.2025 - 24.Mar.2025
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Faculty Development Program	17.Jun.2025 - 26.Jun.2025
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Faculty Development Program	14.Feb.2025 - 22.Feb.2025
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSISTANT PROFESSOR	National	Role of Machine Learning in Genomics and Chemoinformatics	13.Feb.2025 - 14.Feb.2025

