



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



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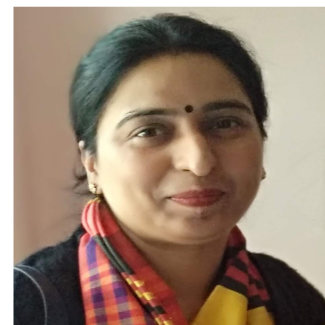
## 1. Personal Profile

Title: **Dr.** First Name: **KIRAN** Last Name: **ARORA**

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

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

Email: **kiran@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.(H) Chemistry (integrated course)	Sri Vekteswara college, University Of Delhi	2001
M.Sc	Hindu College, DU	2003
M.phil in chemistry	University of Delhi	2004

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY HINDU COLLEGE, DELHI	01.Nov.2007 - 30.Apr.2008	
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY Sri Venkteswara College- University of Delhi	03.Aug.2008 - 10.Nov.2008	
CAREER PROFILE	ASSOCIATE PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	11.Nov.2008 - Till date	

ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.May.2022 - 30.Apr.2023	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.May.2019 - 30.Apr.2021	convener, time table committee, chemistry department
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.May.2019 - 22.Apr.2023	member of departmental purchase committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	19.May.2001 - 30.Apr.2023	departmental library committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Oct.2019 - 30.Sep.2020	superintendent practical examination, chemistry department
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jun.2019 - 31.May.2023	member of garden committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jun.2019 - 31.May.2023	member of FAPS
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Jun.2020 - Till date	member of prayas
CAREER PROFILE	RESOURCE PERSON	CHEMISTRY KIRORI MAL COLLEGE, DELHI	21.Jul.2019 - 21.Jul.2019	Hands on Workshop on "UV-Visible spectrophotometry and its Application" Department of chemistry Kirori Mal College University of Delhi, Delhi under the aegis of DBT star scheme
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY kirori Mal college	01.May.2023 - 30.Apr.2024	member of time table committee.
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.May.2024 - 30.Apr.2025	

#### 4. Other Profiles

**Other Profile Name/ Description**

**CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS**

Written open educational resource Teacher's e-Kit (e-content in Four Quadrants Format) on topic : **Module 1 Dy introduction and classification. (April 2020)**

**Module 2 Chemistry of Alizarin (2021)**

**Module 3 Chemistry of Indigo (2021)**

**Module 4 Chemistry of Triarylmethane dyes (2021)**

**Module 5 Chemistry of Phthalein dyes (2021)**

**CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS**

Chemistry of Alizarin	B.Sc(H) chemistry	Organic chemistry	MHRD	UG level teacher's ekit	<a href="https://myeclass.academy/course/view.php?id=2535#section32">https://myeclass.academy/course/view.php?id=2535#section32</a>
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**CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS**

Chemistry of Indigo	B.Sc(H) chemistry	Organic chemistry	MHRD	UG level teacher's ekit	<a href="https://myeclass.academy/course/view.php?id=2535#section33">https://myeclass.academy/course/view.php?id=2535#section33</a>
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**CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS**

Chemistry of triphenylmethane dyes	B.Sc(H) chemistry	Organic chemistry	MHRD	UG level teacher's ekit	<a href="https://myeclass.academy/course/view.php?id=2535#section34">https://myeclass.academy/course/view.php?id=2535#section34</a>
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**CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS**

Chemistry of Phthalein phthalocyanine and edible dyes	B.Sc(H) chemistry	Organic chemistry	MHRD	UG level teacher's ekit	<a href="https://myeclass.academy/course/view.php?id=2535#section35">https://myeclass.academy/course/view.php?id=2535#section35</a>
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**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)	Nickel boride mediated cleavage of 1,3-oxathiolanes: a convenient approach to deprotection and reduction	Monatshefte für chemie	Kiran Arora (First Author, Joint Author)	<a href="https://www.researchgate.net/publication/285386070_Nickel_Boride_Oxathiolanes_A_Convenient_Approach_to_Deprotection_and_Reduction">https://www.researchgate.net/publication/285386070_Nickel_Boride_Oxathiolanes_A_Convenient_Approach_to_Deprotection_and_Reduction</a>
JOURNAL PAPER (International)	Effect of biopriming and nanoprimer on physio-biochemical characteristics of Cicer arietinum L. under drought stress,	plant stress	Simran Rani, Pradeep Kumar, Priyanka Dahiya, Aditi Gupta, Kiran Arora, Amita Suneja Dang, Pooja Suneja, (Joint Author)	<a href="https://doi.org/10.1016/j.stress.2024.100466">https://doi.org/10.1016/j.stress.2024.100466</a> .
JOURNAL PAPER (International)	Reduction of organic sulfones, selenones and tellurones using magnesium and methanol as reductant	Phosphorus, Sulfur, and Silicon and the Related Elements/ Taylor & Francis	Kiran Arora, Jitender M. Khurana (First Author, Corresponding Author)	<a href="https://doi.org/10.1080/10426507.2025.2463459">https://doi.org/10.1080/10426507.2025.2463459</a>
JOURNAL PAPER (International)	Functional properties of Cosmeceuticals: A Unified chemist Perspective on Urea, Salicylic Acid, Glycolic Acid, and Niacinamide”	IOSR- Applied chemistry	Kiran Arora (Sole Author, Corresponding Author)	10.9790/5736-1805011520

RESEARCH PAPERS (International)	Morphology, chemical composition, and biological activities of Aconitum balfourii: a comprehensive review of important Himalayan and highly exploited medicinal plant	vegetos/Springer	Kumar, Vikrant ; Sharma, Rajni Kant; Singh, Sunil K.; Arora, Kiran; Joshi, Mukesh C.; Rawat, Preeti; Singh, Madhulika (Joint Author)	<a href="https://doi.org/10.1007/s42535-024-00995-0">https://doi.org/10.1007/s42535-024-00995-0</a>
RESEARCH PAPERS (College)	valuating the role of biopriming and nanoprimering on the morphometric, biochemical, and yield parameters of Chickpea (Cicer arietinum L.) under drought stress	PLANT STRESS/Elsevier	Simran Rani and Priyanka Dahiya and Aarzoo Sharma and Yash Vashisth and Kiran Arora and Amita Suneja Dang and Pooja Suneja (Joint Author)	<a href="https://doi.org/10.1016/j.stress.2024.100675">https://doi.org/10.1016/j.stress.2024.100675</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
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	MEMBER	National	Environmental sciences and public health.	01.Feb.2022 - 05.Feb.2022
2022	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	TEACHER-IN-CHARGE	International	Certificate course in Forensic Science	30.Sep.2022 - 18.Oct.2022
2022	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	MEMBER	University	student development programme on Chemcollective V LABS	10.Jan.2022 - 14.Jan.2022
2023	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	TEACHER-IN-CHARGE	University	Student Development Program(SDP) on "Molecular Modeling with Jmol" i	31.Mar.2023 - 04.Apr.2023

2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	International	International Conference on Chemical and Biological Sciences (ICCBS)	27.Jan.2024 - 29.Jan.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CHAIRPERSON	National	emerging trends and future challenges in chemical sciences	12.Feb.2024 - 13.Feb.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	SPEAKER	International	International conference on basic analytical and allied science at the interface of carbohydrate and biomass valorisation	30.Nov.2023 - 02.Dec.2023

**Dr. KIRAN ARORA**