



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 03-04-2026

## 1. Personal Profile

Title: **Dr.** First Name: **ARUN** Last Name: **KANT**

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

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

Email: **arun107941@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. (Graduation)	HCPG college, Purvanchal University, Jaunpur	2005
M.Sc.	HCPG college, Purvanchal University, Jaunpur	2008
CSIR-JRF	HRDG	2010
Ph.D.	Department of Chemistry, University of Delhi	2017

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STANDING COMMITTEE FOR MONITORING ADMISSIONS KIRORI MAL COLLEGE, DELHI	01.May.2023 - 30.Apr.2024	NA
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	13.Oct.2022 - Till date	

CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	13.Oct.2023 - Till date	Its OK
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jul.2023 - Till date	Member of the Staff council, Standing committee for monitoring Admission
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ALL DEPARTMENT Kirori Mal College	07.Dec.2024 - 30.Jun.2024	Member of the Staff council, Member of the Canteen committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	HOSTEL ADMISSION COMMITTEE Kirori Mal College	07.Dec.2024 - Till date	Member of the Staff council, Member of the Hostel Admissions committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	07.Dec.2024 - Till date	Member of Departmental committee, Library committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	07.Dec.2024 - 30.Jun.2024	Member of Departmental committee, Seminar committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	07.Dec.2024 - 30.Jun.2024	Member of Departmental committee, Committee for catering to student diversity
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STANDING COMMITTEE FOR MONITORING ADMISSIONS Kirori Mal College	01.Jul.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CANTEEN COMMITTEE Kirori Mal College	07.Dec.2024 - 30.Jun.2024	Member of the Staff council, Member of the Canteen committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	HOSTEL ADMISSION COMMITTEE Kirori Mal College	07.Dec.2024 - 30.Jun.2025	Member of the Staff council, Member of the Hostel Admissions committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PLACEMENT CELL Kirori Mal College	06.Dec.2024 - 30.Jun.2025	Member of the Staff council, Member of the Placement Cell
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STANDING COMMITTEE FOR MONITORING ADMISSIONS Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Member of the Staff council, Standing committee for monitoring Admission
ADMINISTRATIVE ASSIGNMENTS	MEMBER	LIBRARY COMMITTEE Kirori Mal College	01.May.2024 - 30.Apr.2025	Member of Departmental committee, Library committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Kirori Mal College	30.Oct.2025 - 30.Oct.2025	Member of Departmental committee, Seminar committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Kirori Mal College	30.Oct.2025 - 30.Oct.2025	Member of Departmental committee, Committee for catering to student diversity
ADMINISTRATIVE ASSIGNMENTS	COORDINATOR	IQAC Kirori Mal College	01.May.2024 - 30.Apr.2025	Departmental IQAC Coordinator

#### 4. Other Profiles

##### Other Profile Name/ Description

##### UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

Pesticide Remediation

Project with B.Sc. H Chemistry Student

#### 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)	Elsholtzia Griffithii as an eco-friendly anticorrosive inhibitor of Mild Steel under Acid Medium	Materials Chemistry and Physics	Pebam Sanjeeta Devi, Arun Kant, Panmei Gaijon, Sudipta Ghosh, Neelu Dheer, Rajni Kanojia, Prashant Singh, M. Ramananda Singh (Joint Author)	<a href="https://doi.org/10.1016/j.matchemphys.2023.12777">https://doi.org/10.1016/j.matchemphys.2023.12777</a>	February 2023
JOURNAL PAPER (International)	Synthesis, characterization of the valuable Hydroxysodalite and its application for remediation of toxic dye: Rhodamine B	Eur. Chem. Bull.	Panmei Gaijon, M. Ramananda Singh, Sudipta Ghosh and Arun Kant (Corresponding Author)	doi: 10.31838/ecb/2023.12.4.055	March 2023

JOURNAL PAPER (International)	Extended Release of Metronidazole Drug Using Chitosan/Graphene Oxide Bionanocomposite Beads as the Drug Carrier	ACS Omega	Gyanendra Kumar, Karan Chaudhary, Navin Kumar Mogha, Arun Kant, and Dhanraj T. Masram (Joint Author)	DOI <a href="https://doi.org/10.1021/acsomega.1c02422">https://doi.org/10.1021/acsomega.1c02422</a>	October 2021
JOURNAL PAPER (International)	Synthesis of Cu@CuFe <sub>2</sub> O <sub>4</sub> nanocomposite and its applications as an efficient catalyst for the production of oxygen	Applied Surface Science Advances	Kalpita Baruah, Arun Kant, Panmei Gaijon, Sudipta Ghosh and M. Ramananda Singh (Joint Author)	<a href="https://doi.org/10.1016/j.apsadv.2021.100130">https://doi.org/10.1016/j.apsadv.2021.100130</a>	October 2021
JOURNAL PAPER (International)	Synthesis, characterizations and kinetic study of metal organic framework nanocomposite excipient used as extended-release delivery vehicle for an antibiotic drug	Inorganica Chimica Acta	Gyanendra Kumar, Arun Kant, Manish Kumar and Dhanraj T. Masram (Joint Author)	<a href="https://doi.org/10.1016/j.ica.2019.119036">https://doi.org/10.1016/j.ica.2019.119036</a>	October 2019
JOURNAL PAPER (International)	Allyl Triphenyl Phosphonium Bromide, an ionic liquid as an eco-friendly and green inhibitor for corrosion of Aluminium in hydrochloric acid: Mechanistic insights and experimental validation.	Sustainable Chemistry for the Environment	Mansi Y. Chaudhary, Meenakshi Gupta, Prerna Bansal, Yudhvir S. Sharma, Neelu Dheer, Arun Kant, M. Ramananda Singh, Sharmila Yadav (Joint Author)	<a href="https://doi.org/10.1016/j.scenv.2025.100206">https://doi.org/10.1016/j.scenv.2025.100206</a>	January 2025

## 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
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2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	International	International Conference on Basic, Analytical and Allied Sciences at the Interface of Carbohydrates and Biomass Valorisation (CARBO XXXVII),	30.Nov.2023 - 02.Dec.2023
2021	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	The catalyst for Change, Teaching Learning Centre for Social Science (TLCSS), under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), Ministry of Education, Government of India	14.Jul.2021 - 21.Jul.2021
2022	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Environmental Sciences and Public Health	01.Feb.2022 - 05.Feb.2022

**Dr. ARUN KANT**