



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 21-06-2026

## 1. Personal Profile

Title: **Dr.** First Name: **ARCHANA** Last Name: **SINGH**



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

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

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

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

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

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

Google Scholar Link: -----

Address: **DEPARTMENT OF BOTANY, KIRORI MAL COLLEGE, UNIVERSITY OF DELHI**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
Ph.D	DEPARTMENT OF BOTANY, UNIVERSITY OF DELHI	2011
B.Ed.	Guru Gobind Singh Indraprastha University	2004
M.Sc Botany	UNIVERSITY OF DELHI	2003
B.Sc. (Hons.) BOTANY	UNIVERSITY OF DELHI	2000
NET/JRF	CSIR	2003

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	BOTANY KIRORI MAL COLLEGE, DELHI	11.Jan.2014 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PWD ADMISSIONS COMMITTEE KIRORI MAL COLLEGE, DELHI	25.Jul.2023 - Till date	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	GARDEN COMMITTEE KIRORI MAL COLLEGE, DELHI	18.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PRAYAS – THE ENABLING UNIT KIRORI MAL COLLEGE, DELHI	18.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	THE SPIC MACAY UNIT KIRORI MAL COLLEGE, DELHI	18.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY KIRORI MAL COLLEGE, DELHI	18.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ECO CLUB Kirori Mal College University of Delhi	18.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CDRT - CENTRE FOR DISABILITY RESEARCH AND TRAINING KIRORI MAL COLLEGE, DELHI	24.Feb.2023 - Till date	
CAREER PROFILE	ASSISTANT PROFESSOR	BOTANY SHIVAJI COLLEGE, DELHI	09.Jan.2012 - 08.May.2012	
CAREER PROFILE	ASSISTANT PROFESSOR	BOTANY SHIVAJI COLLEGE, DELHI	05.Jan.2013 - 23.Mar.2013	
CAREER PROFILE	ASSISTANT PROFESSOR	BOTANY SHIVAJI MAHAVIDYALAYA, MAHARASHTRA	26.Mar.2013 - 22.May.2013	
ADMINISTRATIVE ASSIGNMENTS	NODAL OFFICER	OTHERS Kirori Mal College	20.Jul.2023 - 30.Jun.2024	For Post graduate/Under graduate Meritorious Award for Sciences
ADMINISTRATIVE ASSIGNMENTS	MEMBER	GARDEN COMMITTEE Kirori Mal College	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PRAYAS – THE ENABLING UNIT Kirori Mal College	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	GARDEN COMMITTEE Kirori Mal College	08.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PRAYAS – THE ENABLING UNIT Kirori Mal College	08.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ECO CLUB Kirori Mal College	08.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	THE SPIC MACAY UNIT Kirori Mal College	08.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY Kirori Mal College	08.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CDRT - CENTRE FOR DISABILITY RESEARCH AND TRAINING Kirori Mal College	24.Feb.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	BOTANY Kirori Mal College	04.Sep.2023 - 30.Jun.2024	Staff Advisor of Botanical Society- MEDINI

ADMINISTRATIVE ASSIGNMENTS	MEMBER	GARDEN COMMITTEE Kirori Mal College	01.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CDRT - CENTRE FOR DISABILITY RESEARCH AND TRAINING Kirori Mal College	22.Feb.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PRAYAS – THE ENABLING UNIT Kirori Mal College	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	GARDEN COMMITTEE Kirori Mal College	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	IQAC Kirori Mal College	20.Dec.2024 - 30.Jun.2025	Departmental Coordinator IQAC
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	BOTANY Kirori Mal College	01.Jul.2024 - 30.Jun.2025	Staff Advisor of Botanical Society MEDINI
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ECO CLUB Kirori Mal College	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	THE SPIC MACAY UNIT Kirori Mal College	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY Kirori Mal College	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PRAYAS – THE ENABLING UNIT Kirori Mal College	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	BOTANY Kirori Mal College	01.Jul.2024 - 31.Aug.2025	Green Campus Committee

#### 4. Other Profiles

##### Other Profile Name/ Description

##### FIELD TRIPS ORGANIZED

Organized a **educational trip** to Yakult, Sonipat for B.Sc Botany (Hons.), 3<sup>rd</sup> year under the paper Industrial and Environmental Microbiology on 2 March 2023.

##### FIELD TRIPS ORGANIZED

**Educational Excursion** of B.Sc Botany (Hons) 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year students to Manali from 16 March 2023 to 22 March 2023.

**SUBJECTS TAUGHT****Odd Semester**

S. No.	Course	Paper Name	UPC
1	B.Sc Botany ((Hons.), I Semester	Biomolecules and Cell Biology	2162011102
2	B.Sc Botany ((Hons.), III Semester	Bryophytes, Pteridophytes and Gymnosperms	
3	B.Sc Botany ((Hons.), V Semester	Reproductive Biology of Angiosperms	32161501
4	B.Sc (Prog.) Life Sciences, V Semester	Cell and Molecular Biology	42167902

**Even Semester**

S. No.	Course	Paper Name	UPC
1	B.Sc Botany ((Hons.) II Semester	Microbiology and Plant Microbe Interaction	2162011201
2	B.Sc Botany ((Hons.) IV Semester	Ecology	32161402
3	B.Sc Botany ((Hons.) VI Semester	Industrial and Environmental Microbiology	32167601

**FIELD TRIPS ORGANIZED**

Educational Excursion of B.Sc Botany (Hons) 2nd year students to Mukteshwar, Nainital and Jim Corbett from 10 October 2023 to 15 October 2023 for study of vegetation and collection of plants for Paper-Bryophytes, Pteridophytes and Gymnosperms.

**OTHERS**

Editor of Botanical Magazine "SPECTRUM 2024".

**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
2015	"Preparation of Biocompatible Palladium-Noscapine Nanoparticles for cancer therapy: a green approach" (2015-16) KMC-304.	University of Delhi	One	400000	31.Aug.2015

## 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (International)	Effect of Vermiwash and Vermicompost on the Growth of Fenugreek (Trigonella Sp.)	International Journal of Current Science Research and Review	Leena Shakya, Archana Singh, Astha Maurya, Priya Kushwaha, Tanishka, Tamanna Goyal and Sunil Kumar Dhiman (Joint Author)	<a href="https://doi.org/10.47191/ijcsrr/V6-i10-25">https://doi.org/10.47191/ijcsrr/V6-i10-25</a>	October 2023
JOURNAL PAPER (International)	Plant as a source of antimalarial drugs	International Research Journal of Management Science & Technology	Ram Babu, Sunil Kumar Dhiman, Rajni Gupta, Archana Singh, Leena Shakya and Sachin (Joint Author)	<a href="https://doi.org/10.32804/IRJMST">https://doi.org/10.32804/IRJMST</a>	October 2023
JOURNAL PAPER (International)	Various Approaches Used to Increase the Growth and Yield of Linseed Crop	International Journal of Plant and Environment	Leena Shakya, Archana Singh, Ashish Agnihotri <sup>1</sup> , Shivangi, Jai P. Moyal, Shahid Umar <sup>3</sup> , Shubhra Barwa <sup>4</sup> , Sunil K. Dhiman (Joint Author)	10.18811/ijpen.v9i04.01	December 2023
JOURNAL PAPER (International)	Vermitechnology: A Sustainable Approach to Manage Organic Waste in Urban Areas	International Journal of Current Science Research and Review	Leena Shakya, Ram Babu, Archana Singh, Srishti Dhiman, Sunil Kumar Dhiman (Joint Author)	<a href="https://doi.org/10.47191/ijcsrr/V6-i8-05">https://doi.org/10.47191/ijcsrr/V6-i8-05</a>	August 2023

JOURNAL PAPER (International)	Crop Residue Burning and Its Relationship between Health, Agriculture Value Addition, and Regional Finance.	Atmosphere	• Singh, D.; Dhiman, S.K.; Kumar, V.; Babu, R.; Shree, K.; Priyadarshani, A.; Singh, A.; Shakya, L.; Nautiyal, A.; Saluja, S. (Joint Author)	<a href="https://doi.org/10.3390/atmos13091405">https://doi.org/10.3390/atmos13091405</a>	August 2022
JOURNAL PAPER (National)	Characterization of thermophilic amylase from an obligate thermophile, <i>Thermoactinomyces vulgaris</i> .	Journal of Plant Development Sciences	Singh, A. and Singh, V. P (First Author)		March 2014
JOURNAL PAPER (National)	Production of extracellular hydrolytic enzymes by an obligate thermophile – <i>Thermoactinomyces vulgaris</i> .	Vegetos	Singh, A. and Singh, V. P (First Author)		March 2012
JOURNAL PAPER (National)	<i>Thermoactinomyces vulgaris</i> as a causal agent of Farmer's Lung Disease.	Indian Journal of Aerobiology	Singh, V. P., Singh, A., Kedia, V. K. and Laisram N. (Joint Author)		July 2006
JOURNAL PAPER (National)	Microbial Enzymes of Industrial Interest: The Current Scenario.	The Botanica	Singh, A. and Singh, V. P. (Joint Author)		July 2006
CHAPTER (National)	Industrial enzymes of microbial origin. In: Biotechnology: A New Approach Ed. P. C. Trivedi.	Agriobios, India	Kumar, A., Singh, A., Singh, V. P. (Joint Author)		August 2011

## 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	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Refresher Course in Botany	29.Jul.2023 - 13.Aug.2023
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Faculty Development Programme on "Academic Writing for Research"	15.May.2023 - 21.May.2023
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Faculty Development Programme on "How to create your own MOOCS"	26.Apr.2023 - 02.May.2023
2021	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Faculty Development Program on "Environmental Audit"	26.Jun.2021 - 21.Jul.2021
2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	FDP on "Innovations in Scientific Research Methods"	14.Oct.2020 - 18.Oct.2020
2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Faculty Development Programme on "ICT: Instructional Design, Development and Learning Analytics"	24.Jul.2020 - 30.Jul.2020
2019	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Faculty Development Programme on "Agriculture, Health and Society"	15.Mar.2019 - 16.Mar.2019
2023	FACULTY INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	Faculty Development Programme on "National Education Policy-2020"	28.Aug.2023 - 03.Sep.2023
2023	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Inter-Disciplinary Refresher Course in "Managing Online Classes & Co-creating MOOCS"	06.Sep.2023 - 20.Sep.2023
2024	SEMINAR ATTENDED	ASSISTANT PROFESSOR	College	Lecture cum Interactive session on "Funding Schemes for Teachers in Higher Education"	09.Mar.2024 - 09.Mar.2024
2025	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Two – Week Interdisciplinary Refresher Course in "BASICS OF RESEARCH METHODOLOGY"	08.Mar.2025 - 22.Mar.2025
2025	WEBINAR ATTENDED	PARTICIPANT	College	Lecture on "Grah Chikitsa"	30.Mar.2025 - 30.Mar.2025
2024	WEBINAR ATTENDED	PARTICIPANT	College	Webinar on "How Nature Helps You Nurture The Economy"	28.Jul.2024 - 28.Jul.2024

**Dr. ARCHANA SINGH**