



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 02-06-2026

## 1. Personal Profile

Title: **Dr.** First Name: **LEENA** Last Name: **SHAKYA**

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

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

Email: [leena.shakya@kmc.du.ac.in](mailto:leena.shakya@kmc.du.ac.in) Webpage: -----



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

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

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Leena-Shakya/publications>

Google Scholar Link: <https://scholar.google.com/citations?hl=en&user=8NCHsEEAAAJ>

Address: -----

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc.	Acharya Narendra Dev College, Delhi University	1998
M.Sc.	Department of Botany, Jamia Hamdard	2006
Ph.D.	Department of Botany, Jamia Hamdard	2011
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## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	BOTANY KIRORI MAL COLLEGE, DELHI	12.Aug.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	THE SPIC MACAY UNIT Kirori mal college	24.Mar.2024 - Till date	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	BOTANY Kirori Mal College	25.Sep.2025 - 25.Sep.2025	
CAREER PROFILE	CONVENER	THE SPIC MACAY UNIT Kirori Mal College	11.Apr.2025 - Till date	organizes Virasat 2025 Orientation Historical Field Visit
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY Kirori Mal College	04.May.2024 - 04.Apr.2025	
CAREER PROFILE	REPRESENTATIVE	BOTANY Kirori Mal College	01.Jan.2026 - Till date	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### FIELD TRIPS ORGANIZED

S. No	Year	Nature of activity	level (UG/PG)	Institution/department	Fr
1	2023	Field visit at HAIC Mushroom and Agri. Dev. Centre, Murthal, Haryana.	UG	Department of Botany Kirori Mal College, University of Delhi	27 Oc
2	2023	Educational trip for B.Sc. Botany (H).3rd year to Yakult, Sonipat	UG	Department of Botany Kirori Mal College, University of Delhi	Mar

##### SUBJECTS TAUGHT

##### Odd Sem July 2024

1. B.Sc. (H) Botany DSC 7 - (NEP) III 2162012301 Phycology -the World of Algae Theory and practical Sem III
2. GE -(NEP) III 6794002002 Environmental Biotechnology and Management Theory and practical Sem III
3. B.Sc. (LS) DSC3-LS Bot III 2162522301 Plant Cell & Dev. Biology Practical Sem III
4. SEC V- Nursery, Gardening, and Landscaping

##### Even Sem Jan 2025

1. B.Sc. (H) Botany (22556) DSC-12: Developmental Biology of Angiosperms: Form, Anatomy & F (Practical) Sem IV
2. GE-IV:Environmental Monitoring and Ecosystem restoration (Theory and Practical) Sem IV
3. SEC-Greenbelt development in smart cities SEM II
4. B.Sc. (LIFE SCIECE) (22583)

##### MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

- Lifetime membership of international Society of Environmental Botanists (ISEB)
- Membership of GCNC-Green Chemistry Network Centre

##### AREAS OF INTEREST/ SPECIALIZATION

Environmental Botany, Ecology, Economic Botany, Anatomy

## OTHERS

- 1.Participated in teacher Summit organised by Vidya Bharti Uchcha Shiksha Sansthan held at AICTE Auditorium on 4th November 2023.
- 2.Participated in Rashtrabhasha Samiti Kirori Mal College on 7th November 2023.
- 3.Completed the quiz Cyber Hygiene Practices organized as part of "STAY SAFE ONLINE CAMPAIGN" under India's G20 partnership from 1st December, 2022 to 30th November, 2023

## SUBJECTS TAUGHT

Odd Semester July 2024

- Botany III 2164002002 Environmental Biotechnology & Management
- SEC V- Nursery, Gardening, and Landscaping
- 225566 B.Sc. (H) Botany Sem IV / Developmental Biology of Angiosperms Form Anatomy and Function (2162012403), Theory & Practical
- GE 4 Botany Sem IV Environmental Monitoring and Ecosystem Restoration (2164002007) Theory & Practical
- B.Sc. Life Science(SEC) Sem VI Intellectual Property Right (32173906) Theory
- SEC-All programs Sem II Green Belt Development and Smart cities(216000006) Practical

## SYLLABUS FORMATION

Actively involved in Preparation of Guidelines for the teaching of **practical** of the course 'Sem VI, NEP: GE Plant health and Disease Diagnostics, B.Sc.(H) Botany/Life Sciences.

## FIELD TRIPS ORGANIZED

field visit to the Biodiversity Park, Tughlaqabad (Delhi) for GE Students on 21 September 2024

**SUBJECTS TAUGHT****Odd Sem July 2024**

1. B.Sc. (H) Botany DSC 7 - (NEP) III 2162012301 Phycology -the World of Algae Theory and practical Sem III
2. GE -(NEP) III 6794002002 Environmental Biotechnology and Management Theory and practical Sem III
3. B.Sc. (LS) DSC3-LS Bot III 2162522301 Plant Cell & Dev. Biology Practical Sem III
4. SEC V- Nursery, Gardening, and Landscaping

**Even Sem Jan 2025**

1. B.Sc. (H) Botany (22556) DSC-12: Developmental Biology of Angiosperms: Form, Anatomy & Function (Practical) Sem IV
2. GE-IV: Environmental Monitoring and Ecosystem restoration (Theory and Practical) Sem IV
3. SEC-Greenbelt development in smart cities SEM II
4. B.Sc. (LIFE SCIENCE) (22583) Ecology and Evolution (Theory and Practical) SEM IV

**SUBJECTS TAUGHT**

Semester	Subject Code	Subject Name	Paper Type
3	2164002002	ENVIRONMENTAL BIOTECHNOLOGY AND MANAGEMENT	GE
3	2162522301	PLANT CELL AND DEVELOPMENTAL BIOLOGY	DSC
1	2166000003	HYDROPONIC AND AEROPONIC FARMING	SEC
4	2162512401	ECOLOGY AND EVOLUTION	DSC
4	2162012403	DEVELOPMENTAL BIOLOGY OF ANGIOSPERMS: FORM, ANATOMY & FUNCTION	DSC
2	2166000006	GREEN BELT DEVELOPMENT FOR SMART CITIES	SEC
4	2164002007	ENVIRONMENTAL MONITORING AND ECOSYSTEM RESTORATION	GE
8	N/A	ADVANCES IN GENETICS, GENOMICS AND PLANT BREEDING	DSE
4	2162012402	ECOLOGY AND CONSERVATION	DSC

**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)
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JOURNAL PAPER (International)	Crop Residue Burning and Its Relationship between Health, Agriculture Value Addition, and Regional Finance	Atmosphere	Devesh Singh, Sunil Kumar Dhiman , Vijay Kumar , Ram Babu , Karuna Shree , Anjali Priyadarshani , Archana Singh, Leena Shakya , Aparna Nautiyal and Shukla Saluja (Joint Author)	<a href="https://www.mdpi.com/2073-4433/13/9/1405">https://www.mdpi.com/2073-4433/13/9/1405</a>	August 2022
JOURNAL PAPER (International)	Vermitechnology: A Sustainable Approach to Manage Organic Waste in Urban Areas	International Journal of Current Science Research and Review	Dr. Leena Shakya, Dr. Ram Babu, Dr. Archana Singh, Srishti Dhiman, Dr. Sunil Kumar Dhiman (First Author)	<a href="https://ijcsrr.org/single-view/?id=11993&amp;pid=11944">https://ijcsrr.org/single-view/?id=11993&amp;pid=11944</a>	August 2023
JOURNAL PAPER (National)	Various Approaches Used to Increase the Growth and Yield of Linseed Crop.	International Journal Of Plant and Environment	Dr. Leena Shakya <sup>1</sup> , Dr. Archana Singh ,Dr. Ashish Agnihotri <sup>1</sup> , Shivangi, Dr. Jai P. Moyal, Dr. Shahid Umar, Dr. Shubhra Barwa, Dr. Sunil K. Dhiman (First Author)	DOI: 10.18811/ijpen.v9i04.01	December 2023
JOURNAL PAPER (National)	Effect of Vermiwash and Vermicompost on the Growth of Fenugreek (Trigonella Sp.)	International Journal of Current Science Research and Review	Sunil Kumar Dhiman Leena Shakya, Archana Singh, Astha Maurya , Priya Kushwaha , Tanishka , Tamanna Goyal (Joint Author)	DOI: <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 (National)	Plants as a source of antimalarial drugs	International Research Journal of Management Science & Technology/ iSaRa Solutions	Dr. Ram Babu, Dr. Sunil Kumar Dhiman, Prof. Rajni Gupta, Dr. Archana Singh, Dr. Leena Shakya, Sachin (Joint Author)	<a href="https://doi.org/10.32804/IRJMST">https://doi.org/10.32804/IRJMST</a>	September 2023

## 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 INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	Faculty induction Programme	22.Mar.2023 - 20.Apr.2023
2023	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Refresher course in Botany	18.Feb.2023 - 04.Mar.2023
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	"National Education Policy-2020"	01.Feb.2023 - 07.Feb.2023
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	Skill Enhancement Workshop on Mushroom Farming: A Route to Empowerment	18.May.2023 - 18.May.2023
2024	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	MEMBER	National	"NEP 2020 Orientation & Sensitization Programme"	02.Apr.2024 - 12.Apr.2024
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	University	Shoshashan avum samvedansheel prashashan mei Rajbhasha Hindi Ki bhumika	07.Nov.2023 - 18.Dec.2024
2025	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Two Week (online) Refresher Course on "Basics of Research Methodology (Interdisciplinary)"	08.Mar.2025 - 22.Mar.2025
2025	WEBINAR ATTENDED	PARTICIPANT	National	'Gender Gap in Financial Inclusion: Evidence from Emerging Economics	07.Mar.2025 - 07.Mar.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	National	Sci., Tech., and Economics in Plant Biolgy	07.Jan.2025 - 07.Jan.2025
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	University	Skills starts up and enterpreneurship Expo	04.Oct.2024 - 06.Oct.2024
2026	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	"Carbon Garden: An Urban Ecosystem Services Model to Combat Toxic Air Pollution"	25.Mar.2026 - 25.Mar.2026
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	College	Kirori Mal College & Shiksha Sanskriti Uthan Nyas	19.Aug.2025 - 19.Aug.2025

**Dr. LEENA SHAKYA**