



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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## 1. Personal Profile

Title: **Prof.** First Name: **RAJNI** Last Name: **GUPTA**



Designation: **PROFESSOR** Mobile No. **9873345150**

Phone No. (Office) **09873345150** Phone No. (Residence): -----

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

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

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

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Rajni-Gupta-12>

Google Scholar Link:

[https://scholar.google.com/citations?hl=en&user=mOdrpQUAAAJ&scilu=&scisig=AOScLA0AAAAZTISd5dYa pu7xzGjXq0j8QKYpwgdjGfmm62VjQdCzbgYFEOwGcoymN7w6Ftlf-VMgyf\\_0jlu5A8sHB6BWAhNylQI7iO377akKN38QhIwYsAo&sciund=14619506028067868817](https://scholar.google.com/citations?hl=en&user=mOdrpQUAAAJ&scilu=&scisig=AOScLA0AAAAZTISd5dYa pu7xzGjXq0j8QKYpwgdjGfmm62VjQdCzbgYFEOwGcoymN7w6Ftlf-VMgyf_0jlu5A8sHB6BWAhNylQI7iO377akKN38QhIwYsAo&sciund=14619506028067868817)

Address: -----

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc.	Govt. Degree College, Faridabad	1987
M.Sc.	Agra College, Agra	1989

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	CONVENER	OTHERS KIRORI MAL COLLEGE, DELHI	17.Oct.2020 - 15.Oct.2023	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	FAPS – THE FINE ARTS & PHOTOGRAPHY SOCIETY KIRORI MAL COLLEGE, DELHI	16.Jul.2015 - 16.May.2017	
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	BOTANY KIRORI MAL COLLEGE, DELHI	16.Jul.2017 - 30.Apr.2019	

CAREER PROFILE	CONVENER	THE SPIC MACAY UNIT KIRORI MAL COLLEGE, DELHI	16.Jul.2010 - 30.May.2012	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	GARDEN COMMITTEE KIRORI MAL COLLEGE, DELHI	17.Jul.2023 - 31.May.2024	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	G20 COMMITTEE KIRORI MAL COLLEGE, DELHI	09.Mar.2023 - 25.Jan.2024	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	GARDEN COMMITTEE Kirori Mal College, University of Delhi	17.May.2023 - 29.Oct.2023	
CAREER PROFILE	NODAL OFFICER	PWD ADMISSIONS COMMITTEE Kirori Mal College University of Delhi	17.Jun.2019 - 17.Jun.2023	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	TIME TABLE COMMITTEE KIRORI MAL COLLEGE, DELHI	17.Jul.2021 - 17.Jul.2023	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	BOTANY Kirori Mal College	19.Jul.2023 - 23.Jul.2025	
ADMINISTRATIVE ASSIGNMENTS	CO-CONVENER	BOTANY Kirori Mal College	20.Apr.2023 - 25.Apr.2023	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### SUBJECTS TAUGHT

For P.G. Courses

Mycology and Plant Pathology, Advanced Microbial Technology and Microbiology

For UG Courses

Economic Botany, Plant Systematics, Molecular Biology, Plant Diversity, Plant Anatomy, LSPT 202, Bioinformatics, Biotechnology, IPR, Cell and Molecular Biology, Plant Physiology and Metabolism, Biofertilizers, Mushroom Cultivation and Technology, Industrial and Environmental Microbiology, Mycology, Phycology and Microbiology, Plant Microbe interaction, Biodiversity and Plant Systematics.

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

Mentored Ms. Adityakiran (Botany Hons. II Semester Student) on the topic "Assessment of antimicrobial properties

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

Cultivation techniques of Mushroom cultivation, Yash Kumar, under DBT Star Scheme.

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

Mycoremediation of dyes present in nature. Yash Kumar.

**UG/ PG RESEARCH PROJECTS/ INTERNSHIPS**

Sakshi Yadav, Mycoremediation of heavy metals present in Yamuna River soil.

**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
2010	Studies on VAM Association with lower plants of Uttarakhand	UGC	I YEAR	1,00,000	18.Mar.2010
2012	Phytoremediation of Lead and Zinc polluted soils using Helianthus annuus.	Innovation project , DU	I YEAR	10,00,000	23.Jan.2012

**7. Publications**

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (International)	Application of Soil-Plant –Microbe interaction for Eco-restoration of heavy metal contaminated mining sites- a review	International Journal of Advanced Technology in Engineering and Science	Rajni Gupta and Gaurav Chugh (First Author)		August 2016
JOURNAL PAPER (International)	Plant fungal Consortia for Bioremediation of lead and zinc in Polluted Yamuna soil- A Sustainable ApproachInternational Journal of Modern Sciences and Engineering Technology .	International Journal of Modern Sciences and Engineering Technology .	Rajni Gupta and Gaurav Chugh (Joint Author)		August 2016
JOURNAL PAPER (International)	Application of Brassica juncea for Phytoremediation of lead and zinc in polluted Yamuna soil	International Research Journal of Natural and Applied Sciences.	Rajni Gupta, Gaurav Chugh, Rakesh Kumar and Reena (Joint Author)		August 2016

JOURNAL PAPER (International)	Phytoremediation of lead and zinc using Helianthus annuus -a green technology	International Journal of advance research in science and engineering	Rajni Gupta and Gaurav Chugh (Joint Author)		July 2016
JOURNAL PAPER (International)	Plants as a source of antimalarial drugs	International Research Journal of Managment science and Technology	Ram Babu, Sunil Kumar Dhiman, Rajni Gupta, Archana Singh, Leena Shakya and Sachin (Joint Author)	doi.2250-1959	October 2023
JOURNAL PAPER (International)	Microbes in plastic degradation	International Journal of Current Science Research and Review	S.K.Dhiman, Rajni Gupta, Sachin, Rohit Raj and Ram Babu (Joint Author)	DOI:10.47191/ijcsrr/V7-i7-49	July 2024
CHAPTER (International)	Mineralization of soil, carbon , Nitrogen and phosphorus and role of Nanofertilizers in soil fertility and plant growth.	Springer Nature Singapore Pte Ltd.	Rajni Gupta (Sole Author)	<a href="https://doi.org/10.1007/978-981-16-87709-9_16">https://doi.org/10.1007/978-981-16-87709-9_16</a>	November 2022
CHAPTER (International)	Mushroom cultivation in relation to vertical farming:A booming entrepreneurshp	Iterative International Publishers	Rajni Gupta, P.L.Uniyal and Yash Kumar (First Author)	<a href="http://www.doi.org/10.58532/V3BJBT20P2CH1">www.doi.org/10.58532/V3BJBT20P2CH1</a>	February 2024

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (National)	Plants, Microbes and Diseases	Rajni Gupta and Gaurav Chugh (Joint Author)	I.K. International Pvt. Ltd.	ISBN 9788194867623
BOOK (National)	Concise notes on Biotechnology	Rajni Gupta and Tarun Rajpal (First Author, Joint Author)	The Mc Graw Hill Companies	ISBN 13:978-1-25-900624-1
BOOK (National)	Unitext for Freshmen: Biology	Rajni Gupta (Sole Author)	Artz Books	ISBN 978-93-89441-18-5
BOOK (International)	BIOLOGY OF 12 TH STUDENT	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	

BOOK (International)	BIOLOGY OF 11 TH STUDENTS	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	
BOOK (National)	Plant Taxonomy past present and future	Rajni Gupta (Sole Author)	TERI PUBLICATIONS	9788179933596
BOOK (National)	The Fungi	Rajni Gupta (Sole Author)	APH PUBLISHING	9788176487375
BOOK (National)	Microbial Technology	Rajni Gupta (Sole Author)	APH Publications	8176482161
BOOK (National)	Advances in Microbial BioTechnology	Rajni Gupta (Joint Author)	APH Publications	8176480789
BOOK (National)	Text book of Mushroom Cultivation	Rajni Gupta and Ajay Singh (Joint Author)	Astral Publishing House	978-93-5461-719-5
BOOK (International)	Mushroom cultivation and technology	Rajni Gupta and Ajay Singh (First Author)	Astral Publications Delhi	ISBN 978-93-5461-719-5
BOOK (International)	Biology: A Teacher guide for grade 12	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	ISBN 978-93-95626-35-4
BOOK (International)	Biology: A teacher guide for grade 11	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	ISBN 978-93- 95626-25-5
BOOK (International)	Biology: A Text book for grade 10	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	ISBN 978-93-95626-14-9
BOOK (International)	Biology: A Guide for 10 th grade	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	ISBN 978-93-95626-15-6
BOOK (International)	Biology: A Text book for grade 12 th	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	ISBN 978-93- 95626-34-7
BOOK (International)	Biology: A Text book for 11 th class	Rajni Gupta (Sole Author)	STAR EDUCATION PUBLISHER	978-93-95626-24-8

## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2021	FACULTY DEVELOPMENT PROGRAM ATTENDED	MEMBER	International	Applications of Genomics, Metagenomics and Bioinformatics in Biological Systems'	16.Aug.2021 - 21.Aug.2021
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PARTICIPANT	International	INSCR INTERNATIONAL CONFERENCE	15.Nov.2021 - 18.Nov.2021

2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	OTHERS	College	Evaluation of Project	18.Feb.2022 - 18.Feb.2022
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	University	Meeting of BOS	15.Feb.2022 - 15.Feb.2022
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	CONVENER	College	Workshop on Cultivation of mushroom:An Entreprenouership for women	01.Apr.2023 - 26.Aug.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	College	Lecture and Workshop for students	18.May.2023 - 26.Aug.2023
2023	NATIONAL/ INTERNATIONAL FELLOWSHIPS (IOE, FRSC, etc.) ATTENDED	CONVENER	College	Gender Sensitization	15.Mar.2023 - 15.Mar.2023
2022	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	RESOURCE PERSON	National	Certificate Course	31.Oct.2022 - 31.Oct.2022
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Inter College add on Course	23.Dec.2022 - 23.Dec.2022
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	RESOURCE PERSON	National	Cultivation technique of mushroom	27.Jan.2023 - 27.Jan.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	RESOURCE PERSON	College	Workshop on Cultivation of mushroom:An Entreprenouership for women	18.Mar.2023 - 18.Mar.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CONVENER	College	Segregation of waste	10.Jan.2023 - 10.Jan.2023
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	RESOURCE PERSON	National	Capacity building workshop on Mushroom cultivation	28.Sep.2022 - 28.Sep.2022
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	College	Lecture for students	20.Sep.2021 - 20.Sep.2021
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	College	Lecture for students	20.Sep.2021 - 20.Sep.2021
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ORGANIZER	College	Workshop on Hydroponics- smart Urban Farming	11.Mar.2023 - 11.Mar.2023

2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	International Conference on Crossroads of Chemistry, Biology and Atmospheric Environment: A modern Prospective	26.Feb.2024 - 28.Feb.2024
2023	SEMINAR ATTENDED	CHAIRPERSON	National	National Seminar on Accomplishment of Nanotechnology	08.Nov.2023 - 08.Nov.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	College	Workshop on Cultivation of mushroom:An Entreprenouership for women	18.May.2023 - 18.May.2023
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CONVENER	College	Workshop on green revival	14.Feb.2024 - 14.Feb.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CONVENER	College	Webinar on Carrer counselling on New paths in science	15.Feb.2024 - 15.Feb.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	University	SEC PAPER UPDATION	06.Mar.2024 - 07.Mar.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	RESOURCE PERSON	College	Workshop on mushroom cultivation	18.May.2023 - 18.May.2023
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	National Conference	27.Nov.2024 - 29.Nov.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	SEC PAPER- Mushroom culture and technology I &II	04.Mar.2024 - 05.Mar.2024
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	RESOURCE PERSON	National	One week FDP programme	04.Feb.2025 - 04.Feb.2025
2025	NATIONAL/ INTERNATIONAL FELLOWSHIPS (IOE, FRSC, etc.) ATTENDED	MEMBER	National	Board of science meeting	04.Feb.2025 - 04.Feb.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	VISITING PROFESSOR	National	Member of RDC Meeting	29.Jan.2025 - 29.Jan.2025

**Prof. RAJNI GUPTA**