



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 15-02-2026

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=mOdrpQUAAAAJ&scilu=&scisig=AOScLA0AAAAAZTISd5dYapu7xzGjXq0j8QKYpwgdjGfmm62VjQdCzbgYFEOwGcoymN7w6Ftlf-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 | |

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| 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 of various medicinal plants".

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 |

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| 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) | https://doi.org/10.1007/978-981-16-87709-9_16 | November 2022 |
| CHAPTER (International) | Mushroom cultivation in relation to vertical farming:A booming entrepreneurship | Iterative International Publishers | Rajni Gupta, P.L.Uniyal and Yash Kumar (First Author) | www.doi.org/10.58532/V3BJBT20P2CH1 | 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 | |

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| 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 |

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| 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 |

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| 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