



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 25-08-2026

## 1. Personal Profile

Title: **Dr.** First Name: **GAURI** Last Name: **GARG DHINGRA**

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

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

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



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

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

Youtube: ----- Research Gate Link: [https://www.researchgate.net/profile/Gauri Garg Dhingra](https://www.researchgate.net/profile/Gauri%20Garg%20Dhingra)

Google Scholar Link: <https://scholar.google.com/citations?user=xi6IMVMAAAAJ&hl=en>

Address: **DEPARTMENT OF ZOOLOGY, 2ND FLOOR, SCIENCE BLOCK, KIRORI MAL COLLEGE, DELHI-110007**

## 2. Educational Qualifications

| Degree/ Certification | Institution                                    | Year |
|-----------------------|------------------------------------------------|------|
| B.Sc. (H) Zoology     | Sri Venkateshwara College, University of Delhi | 1996 |
| B.Ed                  | University of Delhi                            | 1997 |
| M.Sc. Zoology         | Hindu College, University of Delhi             | 1999 |
| Ph.D.                 | Department of Zoology, University of Delhi     | 2006 |
| Post-Doctorate        | Department of Zoology, University of Delhi     | 2017 |

## 3. Career Profile & Administrative Assignments

| Category       | Role/ Designation   | Department/ Committee                          | Date From - To            | Remarks |
|----------------|---------------------|------------------------------------------------|---------------------------|---------|
| CAREER PROFILE | ASSOCIATE PROFESSOR | ZOOLOGY KIRORI MAL COLLEGE, DELHI              | 12.Dec.2017 - Till date   |         |
| CAREER PROFILE | ASSISTANT PROFESSOR | ZOOLOGY Kirori Mal College University of Delhi | 06.Mar.2006 - 11.Dec.2017 |         |

|                            |                     |                                                                        |                           |                                                                                                                                                                             |
|----------------------------|---------------------|------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAREER PROFILE             | ASSISTANT PROFESSOR | ZOOLOGY GARGI COLLEGE, DELHI                                           | 11.Jan.2005 - 05.Mar.2006 | Adhoc Appointment                                                                                                                                                           |
| ADMINISTRATIVE ASSIGNMENTS | TEACHER-IN-CHARGE   | ZOOLOGY Kirori Mal College University of Delhi                         | 01.Apr.2014 - 31.Mar.2016 |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | TEACHER-IN-CHARGE   | ZOOLOGY Kirori Mal College University of Delhi                         | 11.Apr.2022 - Till date   |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | IQAC KIRORI MAL COLLEGE, DELHI                                         | 01.Jul.2021 - 30.Jun.2023 |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | NODAL OFFICER       | OTHERS KIRORI MAL COLLEGE, DELHI                                       | 01.May.2022 - Till date   | Prime Minister's Special Scholarship Scheme (PMSSS) launched by the All India Council for Technical Education (AICTE) to financially help students from weaker backgrounds. |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | PROSPECTUS COMMITTEE KIRORI MAL COLLEGE, DELHI                         | 01.Jun.2023 - Till date   |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | THE SPIC MACAY UNIT KIRORI MAL COLLEGE, DELHI                          | 01.Jun.2022 - 30.May.2023 |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | OTHERS KIRORI MAL COLLEGE, DELHI                                       | 01.Jun.2022 - 31.May.2023 | SSR, Criterion 3 (NAAC 2022)                                                                                                                                                |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | OTHERS KIRORI MAL COLLEGE, DELHI                                       | 01.Jun.2022 - 30.Nov.2022 | Poster, Signages and Notice Board Committee (NAAC 2022)                                                                                                                     |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | ALUMNI COMMITTEE KIRORI MAL COLLEGE, DELHI                             | 01.Jun.2021 - 30.May.2022 |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | PROCTOR & DISCIPLINE COMMITTEE KIRORI MAL COLLEGE, DELHI               | 01.Jun.2023 - Till date   |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | STANDING COMMITTEE FOR MONITORING ADMISSIONS KIRORI MAL COLLEGE, DELHI | 01.Jun.2019 - 31.May.2021 |                                                                                                                                                                             |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | LIBRARY COMMITTEE KIRORI MAL COLLEGE, DELHI                            | 01.Jun.2021 - 30.May.2022 |                                                                                                                                                                             |

#### 4. Other Profiles

##### Other Profile Name/ Description

##### MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

Life Member of Association of Microbiologists of India (AMI): Life membership number/ ID is 45922017

## **MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES**

Life Member of Indian Network for Soil Contamination Research (INSCR)

## **CERTIFICATE COURSE/ SHORT TERM COURSE ORGANIZED**

- ONLINE CERTIFICATE COURSE IN METAGENOMICS & BIOINFORMATICS organised by INTERNAL QUALITY ASSURANCE CELL, Kirori Mal College, University of Delhi, India in collaboration with PHIXGEN PVT. LTD., GURUGRAM, INDIA from 1st July 2022-19th July 2022

## **OUTREACH PROGRAM ORGANIZED**

Outreach Program at GSSS, Bani, Himachal Pradesh International Society for Microbial Ecology (ISME), FEMS and others from February 13-14, 2023.

## **WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

One day Lecture Series on “Antibiotics and Pharmaceuticals: The Wonder Natural Products” in Kirori Mal College sponsored by Federation of European Microbiological Societies (FEMS) on 24.02.2023

## **WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

Advanced Workshop in Cell Biology and Biotechnology” at Department of Zoology, KMC sponsored by Department of Biotechnology on 23.12.2022

## **WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

7th Annual International Conference (INSCR-2022) on “MODULATING THE MICROBES WITH ENVIRONMENT” in association with Indian Network of Soil Contamination Research (INSCR), International Society for Microbial Ecology (ISME), Federation of European Microbial Societies held online, from November 7-11, 2022.

## **WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

61<sup>st</sup> Annual International Conference of Association of Microbiologists of India (AMI-2021) and Indian Network for Soil Contamination Research (INSCR) , in association with The Energy and resources Institute (TERI) , Department of Zoology, Indian Agricultural Research Institute (IARI) abd Indian National Science Academy ( INSA) on “Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences” held online, from February 3-5, 2021.

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

PRATIKSHA MAURYAA of B. Sc Zoology (Hons), Dayalbagh Educational Institute, Agra Uttar Pradesh worked on the project, “Comparative Genomic Analysis of *Bdellovibrio Bacteriovorus* Strains” from 22-06-2022 to 15-12-2022.

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

PRERNA MAURYAA of B.Sc. Zoology (HONS.), Dayalbagh Educational Institute Agra worked on the project, “Comparative Genomic Analysis of *Bdellovibrio Bacteriovorus* Strains” from 22-07- 2022 to 15-12-2022

#### UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

SHALINI TRIPATHI, B.Sc. Biotechnology, Banasthali Vidyapith, Rajasthan; Enrollment no. 2020/1163 worked on the project, “Comparative Genomic Analysis of *Bdellovibrio bacteriovorus* Strains” from 1st May -15th December 2022

#### OUTREACH PROGRAM ORGANIZED

An Outreach Program was organized by the Academy of Microbiological Sciences (AMSc) and Association of Microbiologists of India in association with the University of Delhi Colleges - Deen Dayal Upadhyaya College (DDUC), Gargi College (GC), Kirori Mal College (KMC), Ramjas College (RJC) and Phixgen Pvt. Ltd., Noida was organized at Vanasthali Public School, Noida (VSPN) on 18.04.2022 from 9:00 AM – 12:00 PM

#### OUTREACH PROGRAM ORGANIZED

International Microorganism Day as “MICROSPHERE 2021”: An International Outreach Program on 17th September 2021 - An Outreach was organized by INSCR, Deen Dyal Upadhyaya College (DU), Gargi College (DU), IIT Rorkee, Kirori Mal College (DU), Ramjas College (DU), PG Dept. of Zoology (MU) & PhiXgen Pvt. Ltd., Gurugram in association with Acharya Narendra Dev College (DU), Maitreyi College (DU), Sri Venkateswara College (DU) & C.M.P. College (AU)

#### OUTREACH PROGRAM ORGANIZED

One-Month Outreach Program (38 hours of intensive and interactive teaching) with Government Girls Senior Secondary School, AP Block, Shalimar Bagh, Delhi organized under the aegis of Science Foundation for the promotion of Science by the Department of Botany, Chemistry, Computer Science, Electronics, Mathematics, Physics and Zoology of Deen Dayal Upadhyaya College, University of Delhi and Department of Zoology of Kirori Mal College, University of Delhi from 21st September to 20th October, 2021 for students of Class XI and XII.

#### OUTREACH PROGRAM ORGANIZED

Special Session on “Child Centric Microbiology in 62nd Annual International Conference of Association of Microbiologists of India (AMI) Microbes and Society: Current Trends and Future Prospects (MSCTFP-2022) in association with Department of Microbiology, JSS Academy of Higher Education & Research, Mysuru. sponsored by Association of Microbiologists of India & Academy of Microbiological Sciences on 22nd September 2022.

#### CERTIFICATE COURSE/ SHORT TERM COURSE ORGANIZED

SKILL ENRICHMENT PROGRAM (BASIC) on “Bacterial Genomics & Metagenomics” organized collaboratively by Dept. of Zoology, Deen Dayal Upadhyaya College (University of Delhi), PG Dept. of Zoology (Magadh University), Bhaskaracharya College of Applied Sciences (University of Delhi), Kirori Mal College (University of Delhi) & PhiXgen Pvt. Ltd., Gurugram, INDIA under the aegis of Synapses, Science Foundation & Deeksharambh, DDUC and Episteme, KMC from 15th January to 7th February 2022.

#### WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Workshop on “Art of Scientific Writing, Communication and Basics of Computational Biology” organized by the International Society for Microbial Ecology (ISME) under the ISME Ambassador program, conducted by Phixgen Pvt Ltd. on 13-14 June, 2022

### 5. Research Guidance

| Year | Guide For | Title of the Dissertation/ Thesis | Scholar Name | Status |
|------|-----------|-----------------------------------|--------------|--------|
|------|-----------|-----------------------------------|--------------|--------|

### 6. Research Projects

| Year | Title of Project | Sponsorship Agency | Duration | Amount Sanctioned | Date of Sanction |
|------|------------------|--------------------|----------|-------------------|------------------|
|------|------------------|--------------------|----------|-------------------|------------------|

## 7. Publications

| Category                            | Publication Name                                                                          | Title                          | Name of Author                                                                                                                                                                           | Reference Link/<br>DOI Link                                                                         | Publication<br>(Month-<br>Year) |
|-------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------|
| JOURNAL<br>PAPER<br>(International) | Monkey Pox Virus (MPXV): Phylogenomics, Host-Pathogen Interactome, and Mutational Cascade | Microbial Genomics             | Kumar, R., Nagar, S., Haider, S., Sood, U., Ponnusamy, K., Dhingra, G.G., Anand, S., Dua, A., Singh, M., Kumar, R., Sengar, M., Singh, I.K., Lal, R.<br>(Joint Author)<br>(Joint Author) | <a href="https://doi.org/10.1099/mgen.0.000987">https://doi.org/10.1099/mgen.0.000987</a>           | April<br>2023                   |
| JOURNAL<br>PAPER<br>(International) | Microbial Journey: Mount Everest to Mars                                                  | Indian Journal of Microbiology | Sood, U., Dhingra, G.G., Anand, S. et al.<br>(First Author)                                                                                                                              | <a href="https://doi.org/10.1007/s12088-022-01029-6">https://doi.org/10.1007/s12088-022-01029-6</a> | July<br>2022                    |
| JOURNAL<br>PAPER<br>(International) | The Alphabet of the Elementary Microbiology: Revisited                                    | Indian Journal of Microbiology | Anand, S., Lal, S., Sood, U., Gupta, V., Dhingra, G. G., Solanki, R., ... & Kalia, V. C.<br>(Joint Author)                                                                               | <a href="https://doi.org/10.1007/s12088-021-00987-7">https://doi.org/10.1007/s12088-021-00987-7</a> | October<br>2021                 |

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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|
| JOURNAL PAPER (International) | Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences                                                                      | Indian Journal of Microbiology                                    | Dhingra GG, Saxena A, Nigam A, Hira P, Singhvi N, Anand S, Kaur J, Kaur J, Dua A, Negi V, Gupta V, Sood U et al. (First Author)                          | <a href="https://doi.org/10.1007/s12088-021-00931-9">https://doi.org/10.1007/s12088-021-00931-9</a>   | March 2021     |
| JOURNAL PAPER (International) | Comparative genomics of <i>Sphingopyxis</i> spp. unravelled functional attributes.                                                                          | Genomics                                                          | Verma, H., Dhingra, G. G., Sharma, M., Gupta, V., Negi, R. K., Singh, Y., & Lal, R. (Joint Author)                                                       | <a href="https://doi.org/10.1016/j.ygeno.2019.11.008">https://doi.org/10.1016/j.ygeno.2019.11.008</a> | March 2020     |
| JOURNAL PAPER (International) | Microbial Taxonomy in the era of OMICS: application of DNA sequences, computational tools and techniques.                                                   | Antonie van Leeuwenhoek                                           | Mahato N, Gupta V, Singh P, Kumari R, Verma H, Tripathi C, Rani P, Sharma A, Singhvi N, Sood U,.... Lal, R. (Joint Author)                               | <a href="https://doi.org/10.1007/s10482-017-0928-1">https://doi.org/10.1007/s10482-017-0928-1</a>     | August 2017    |
| JOURNAL PAPER (International) | The hexachlorocyclohexane-degrading bacterial strains <i>S paucimobilis</i> B90A, UT26 and Sp+ having similar <i>lin</i> genes are three distinct species.. | International Journal of Systematic and Evolutionary Microbiology | Pal, R., Bala, S., Dhingra, G., Prakash, O., Dadhwal, M., Kumar, M., Prabakaran, S. R., Shivaji, S., Cullum, J., Holliger, C. and Lal, R. (Joint Author) | <a href="https://doi.org/10.1099/ijs.0.63201-0">https://doi.org/10.1099/ijs.0.63201-0</a>             | September 2005 |

|                                  |                                                                                                                                                    |                                                      |                                                                                                                                            |                                                                                                     |               |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------|
| JOURNAL PAPER<br>(International) | Development of cloning vectors and transformation system for Amycolatopsis.                                                                        | Journal of Industrial Microbiology and Biotechnology | Dhingra, G., Kumari, R. M., Bala, S., Lal, S., Cullum, J. and Lal, R. (First Author)                                                       | doi: 10.1007/s10295-003-0040-6.                                                                     | April 2003    |
| JOURNAL PAPER<br>(International) | Cloning and characterization of lin genes responsible for the degradation of hexachlorocyclohexane isomers in Sphingomonas paucimobilis strain B90 | Applied and Environmental Microbiology               | Kumari, R., Subudhi, S., Suar, M., Dhingra, G., Raina, V., Dogra, C., Lal, S., Holliger, C., van der Meer, J. R. and Lal, R (Joint Author) | doi: 10.1128/AEM.68.12.6021-6028.2002.                                                              | December 2002 |
| CHAPTER<br>(National)            | Microbial Bioproduction of Antiaging Molecules. In: Microbial Bioreactors for Industrial Molecules                                                 | John Wiley and Sons Ltd                              | Dua, A., Nigam, A. Saxena A, Dhingra G.G. and Kumar R. (Joint Author)                                                                      | <a href="https://doi.org/10.1002/9781119874096.ch22">https://doi.org/10.1002/9781119874096.ch22</a> | June 2023     |

## 8. Books

| Category | Book Name | Title | Name of Author | ISSN/ ISBN Number |
|----------|-----------|-------|----------------|-------------------|
|----------|-----------|-------|----------------|-------------------|

## 9. Faculty Achievements

| Year | Category of Achievement              | Role        | National/ International etc. | Name                                               | Date From-To              |
|------|--------------------------------------|-------------|------------------------------|----------------------------------------------------|---------------------------|
| 2021 | REFRESHER COURSE ATTENDED            | PARTICIPANT | National                     | REFRESHER COURSE IN PSYCHOLOGY                     | 12.Apr.2021 - 26.Apr.2021 |
| 2020 | REFRESHER COURSE ATTENDED            | PARTICIPANT | National                     | REFRESHER COURSE IN RESEARCH METHODOLOGY           | 19.Oct.2020 - 31.Oct.2020 |
| 2022 | FACULTY DEVELOPMENT PROGRAM ATTENDED | PARTICIPANT | National                     | FDP on " Environmental Sciences and Public Health" | 01.Feb.2022 - 05.Feb.2022 |
| 2021 | FACULTY DEVELOPMENT PROGRAM ATTENDED | PARTICIPANT | National                     | FDP on "Recent Trends and Challenges in Research"  | 10.May.2021 - 18.May.2021 |

|      |                                        |             |               |                                                                                                 |                           |
|------|----------------------------------------|-------------|---------------|-------------------------------------------------------------------------------------------------|---------------------------|
| 2020 | FACULTY DEVELOPMENT PROGRAM ATTENDED   | PARTICIPANT | National      | Four Week Faculty Training Programme on "Pedagogical Training for Online Teaching and Learning" | 03.Aug.2020 - 10.Aug.2020 |
| 2022 | WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED | ORGANIZER   | National      | ONLINE NATIONAL LEVEL CAPABILITY ENHANCEMENT WORKSHOP on " Exploring DNA using Biopython"       | 22.Jan.2022 - 22.Jan.2022 |
| 2021 | WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED | ORGANIZER   | International | 6th Annual International Conference of INSCR on "Microbes in Sustainable Development"           | 15.Nov.2021 - 18.Nov.2021 |
| 2021 | WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED | PARTICIPANT | International | Conference on Infections and Immunity                                                           | 08.Oct.2021 - 10.Oct.2021 |

**Dr. GAURI GARG DHINGRA**