


| First Name | GAURI | Middle Name | GARG | Last Name | DHINGRA | Photograph |
|---|---------------------|--|------|-----------|-------------|---|
| Title & Designation | | ASSOCIATE PROFESSOR | | | |  |
| Address | | M-28 VIKAS PURI NEW DELHI 110018 INDIA | | | | |
| Phone Number | | | | | | |
| Office | | 011-27667939 | | | | |
| Residence | | 011-25537079 | | | | |
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| Email | | gaurigargdhingra@kmc.du.ac.in gaurigargdhingra@gmail.com | | | | |
| Web-Page | | | | | | |
| Educational Qualifications: | | | | | | |
| Degree | Institution | | | | Year | |
| Ph.D Molecular Biology | University Of Delhi | | | | 2006 | |
| M.Sc. Zoology | University Of Delhi | | | | 1999 | |
| B.Ed | University Of Delhi | | | | 1997 | |
| B.Sc Zoology (H) | University Of Delhi | | | | 1996 | |
| Career Profile: | | | | | | |
| Associate Prof. (Permanent) Zoology Dec 2017-Till Date Kirori Mal College, University of Delhi Post-Doctorate- Jan 2017-Oct 2018 Comparative Genomics (Department of Zoology) University Of Delhi Assistant Prof. (Permanent) Zoology March 2006-Till Date Kirori Mal College, University Of Delhi Assistant Prof. (Adhoc/Guest) Zoology Jan2005-Feb2006 Gargi College University of Delhi | | | | | | |
| Administrative Assignments: | | | | | | |
| Teacher -In- Charge (2014-2016) Member IQAC Member Standing Committee Admissions Member Portal Committee Convenor /Display Committee (NAAC 2015) India Today Survey 2019 Co-Ordinator Suptt. Pract. Examinations 2019, 2020 Staff Advisor 2013, 2019 | | | | | | |
| Areas of Interest / Specialization: | | | | | | |
| Genomics, Metagenomics, Computational Biology | | | | | | |
| Subjects Taught: | | | | | | |
| Molecular Biology, Cell Biology, Genetics and Genomics, Biotechnology, Biochemistry | | | | | | |
| Research Guidance: | | | | | | |
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Publications Profile:

a. Research Paper

1. Kumari, R., Subudhi, S., Suar, M., **Dhingra, G.**, Raina, V., Dogra, C., Lal, S., Holliger, C., van der Meer, J. R. **Lal, R.** 2002. Cloning and characterization of *lin* genes responsible for the degradation of hexachlorocyclohexane isomers in *Sphingomonas paucimobilis* strain B90. *Appl. Environ. Microbiol.* **68**: 6021-28.
2. **Dhingra, G.**, Kumari, R. M., Bala, S., Lal, S., Cullum, J. and **Lal, R.** 2003. Development of cloning vectors and transformation system for *Amycolatopsis*. *J. Ind. Microbiol. Biotechnol.* **30**: 195-204.
3. Pal, R., Bala, S., **Dhingra, G.**, Prakash, O., Dadhwal, M., Kumar, M., Prabagaran, S. R., Shivaji, S., Cullum, J., Holliger, C. and **Lal, R.** 2005. The hexachlorocyclohexane-degrading bacterial strains *Sphingomonas paucimobilis* B90A, UT26 and Sp+ having similar *lin* genes are three distinct species, *Sphingobium indicum* sp. nov.; *S. japonicum* sp. nov.; and *S. francense* sp. nov. and reclassification of [*Sphingomonas*] *chungbukensis* as *Sphingobium chungbukense* comb. nov. *Int. J. Syst. Evol. Microbiol.* **55**: 1965–1972.
4. Mahato, N., Gupta, V., Singh, P., Kumari, R., Verma, H.,.... **Lal, R.** 2017. Microbial Taxonomy in the era of OMICS: application of DNA sequences, computational tools and techniques. *Antonie van Leeuwenhoek* **110**: 1357-1371. ISSN: 0003-6072 (print version), ISSN: 1572-9699 (electronic version).
5. Verma, H., **Dhingra, G. G.**, Sharma, M., Gupta, V., Negi, R. K., Singh, Y., & Lal, R. (2020). Comparative genomics of *Sphingopyxis* spp. unravelled functional attributes. *Genomics*, *112*(2), 1956-1969.
6. **Dhingra, G. G.**, Saxena, A., Nigam, A., Hira, P., Singhvi, N., Anand, S., ... & Lal, R. (2021). Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences. *Indian Journal of Microbiology*, 1-5.

Conference / Workshops/Training Organized:

2017: Organized INSCR International Conference 2017 (IIC-2017) on “Role of Microbe-Plant-Animal Interactions in Human Health” under the aegis of Department of Zoology University of Delhi, Indian Network for Soil Contamination Research (INSCR) and Amity University, Noida at Department of Zoology University of Delhi from September 26-28, 2017.

2021: Organized 61st 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) and Indian National Science Academy (INSA) on “Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences” held online, from February 3-5, 2021

Creation of ICT Mediated Teaching Learning Pedagogy and Content:

Conference/Workshops/Training attended as Faculty Member:

2006: Workshop on Genetics, Genomics and Biotechnology for Zoology Teachers of University of Delhi at Department of Zoology, University of Delhi. Sponsored by University of Delhi (Aug 10 - Aug 12, 2006).

2008: 49th Annual Conference of The Association of Microbiologists of India entitled “International Symposium on Microbial Biotechnology: Diversity, Genomics & Metagenomics” at University of Delhi, Delhi (Nov 18 – Nov 20, 2008).

2016: National Workshop on Microbial Genomics and Metagenomics at Department of Zoology, University of Delhi under the aegis of IUMS-INSA (International Union of Microbiological Societies-Indian National Science Academy AMI Delhi Unit, University of Delhi and INSCR (Indian Network for Soil Contamination Research) on September 2-4, 2016.

2017: Pre-conference workshop on “Hands on to Computational Biology for (Meta) Genomic analysis” under the aegis of International Society for Microbial Ecology (ISME), Department of Zoology University of Delhi and Indian Network for Soil Contamination Research (INSCR) at Department of Zoology University of Delhi on September 26, 2017.

2017: 9th International Conference on Bioinformatics held at Paris, France, from November 13-15, 2017.

2017: AMI Conference under the aegis of Association of Microbiologists of India (AMI), Indian Network for Soil Contamination Research (INSCR), and International Society for Microbial Ecology (ISME) at Babasaheb Bhimrao Ambedkar University, Lucknow on November 16, 2017.

2018: INSCR International Conference 2018 (IIC-2018) on “**Trends in Biotechnology for Innovations in Health & Environment**” at Kalinga Institute of Industrial Technology, Bhubaneswar, Orissa on 26-28 September, 2018.

2018: 59th Annual Conference of Association of Microbiologists of India & International Symposium on Host-Pathogen Interactions on “**Microorganisms for Sustainable Development**” organized by School of Life Sciences, University of Hyderabad, Hyderabad, Telangana, India in association with Department of Microbiology, held at Osmania University, Hyderabad, Telangana, India on 09-12 December, 2018.

2019: Attended National Workshop Cum Training on “*Genome Editing CRISPR*” conducted by Kirori Mal College, University of Delhi in collaboration with Wetlab championship and Shaastra (IIT Madras Event) on 23-24th July, 2019.

2019: Attended Workshop on “*DNA Barcoding and Metagenomics*” in the Department of Botany, Kirori Mal College on 19-20th September, 2019.

2019: Attended INSCR International Conference 2019 on “Current trends in Microbiology and Microbiome Research: A Global Perspective” organized by Department of Microbiology at Maharshi Dayanand University, Rohtak on 1-2 October, 2019.

2019: Attended 60th Annual Conference of Association of Microbiologists of India (AMI-2019) and International Symposium on “Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and



Health” held at the Central University of Haryana, Mahendergarh, Haryana, India on November 15 – 18, 2019.

2020: Completed a 10 days training program on “Genomics and Metagenomics: Hands on Training Experience on Data Analysis” conducted by Phixgen Pvt.Ltd. from 1st-10th July 2020.

2020: Completed a Virtual Course on Analysing Metagenomic Assemblies using MGnify conducted by EMBL-EBI from 27-28 July 2020.

2020: Online International Workshop on Visual Note-Taking conducted by Dr.B.R. Ambedkar University on 22 September 2020.

2020: Online Training on “Understanding of data and statistical analysis using R software” conducted by VART Consulting Pvt Ltd from 14.12.2020-20.12.2020.

2021: Completed a workshop on ‘Story Drama Methodology for Educators’ conducted by Academy of Storytelling and Theatre Arts -March 2021.

Invited Lectures/Resource Persons:

2019: Keynote speaker in International Conference on Bioinformatics and System Biology on the topic, “Comparative interactomic analysis to decipher the role of genes involved in rifamycin production in genetically modified in *Amycolatopsis mediterranei* S699” held at Singapore on 20-21 March, 2019.

2019: Resource person in Two-week Nation Summer Training -cum -workshop on “*Fundamentals of Microbiology (BASIC)*” organized by Department of Zoology (under the aegis of DBT STAR college scheme), Deen Dayal Upadhyaya College, Sector-3, Dwarka, New Delhi, -78, University of Delhi from 27th June to 12th July 2019

Research Projects (Major Grants/Research Collaboration):

None

Awards and Distinctions:

Association with Professional Bodies:

Member, AMI (Association of Microbiologists of India)
Member, INSCR (Indian Network of Soil Contamination Research)

Other Activities:

Career counselling sessions at KR Mangalam World School, Vikaspuri, New Delhi.

Signature of Faculty Member