



Faculty Detail Proforma



Name	Dr. Kamlesh Kumari	
Designation	Assistant Professor	
Address	Daulat Ram College, University of Delhi	
Email - ID	kamleshkumari@dr.du.ac.in	

Educational Qualification

Degree	Institution	Year
Ph.D. Botany	Punjabi University, Patiala	2018
M.Sc. Botany	Punjabi University, Patiala	2010
B. Ed.	Himachal Pradesh University	2009
B.Sc.	Himachal Pradesh University	2008

Career Profile

S. No.	Designation	Institution	Time Period	Nature of Appointment
1.	Assistant Professor	Daulat Ram College, University of Delhi	06/08/2019 to 29/01/2023	Ad-hoc
2.	Assistant Professor	Daulat Ram College, University of Delhi	30/01/2023 to Present	Permanent

Total teaching experience- Six years

Administrative Assignments

Name of Institute	Designation	Society/Cell/Other	Time period	Experience (years)
Daulat Ram College, University of Delhi	TIC (Convenor)	Life Science Department	2025-2026	1
Daulat Ram College, University of Delhi	Member	Discipline Committee	2025-2026	1
Daulat Ram College, University of Delhi	Member	Prize Committee	2025-2026	1
Daulat Ram College, University of Delhi	Convenor	Vasundhara, The Botanical Association	2024-2025	1
Daulat Ram College, University of Delhi	Member	Discipline Committee	2025-2026	1
Daulat Ram College, University of Delhi	Member	Poetry society	2024-2025	1
Daulat Ram College, University of Delhi	Member	Website committee	2023-2024	1
Daulat Ram College, University of Delhi	Member	Sports committee	2019-2021	2
Daulat Ram College, University of Delhi	Member	Garden committee	2019-2023, 2024-2025	5
Daulat Ram College, University of Delhi	Member	Student's amenities	2022-2023, 2025-2026	2
Daulat Ram College, University of Delhi	Member	Annual report committee	2023-2024	1

Areas of Interest / Specialization

Cell and Molecular Biology, Anatomy of Angiosperms, Biomolecules of cell, Plant taxonomy

Subjects Taught

2025-2026

S. No.	Course	Subject Taught	Semester	Year
1	B.Sc. Life Science, I year	Plant diversity and Systematics	I	2025
2	B.Sc.(H) Botany, II year	Genetics and Plant Breeding	III	2025
3	B.Sc.(H) Botany, IV year	Biodiversity Informatics	VII	2025
4	B.Sc.(H) Zoology, I year	Environmental Science	I	2025
6	B.Sc. Life Science, I year	Genetics and Molecular Biology	II	2026
7	B.Sc. Life Science, II year	Ecology and Evolution	IV	2026

8	GE (Hons.) I year	Plant Diversity and Human Welfare	II	2026
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2024-2025

S. No.	Course	Subject Taught	Semester	Year
1	B.Sc. Life Science, II year	Plant Cell and Developmental Biology	III	2024
2	B.Sc. (H) English, II year	Environmental Science-Theory Into Practice	III	2024
3	B.Sc. (H) Botany, III year	Natural Resource Management	V	2024
4	B.Sc. (H) Botany, II year	Mycology	III	2024
5	B.Sc. (H) Botany, I year	Microbiology and plant microbe interactions	II	2025
6	B.Sc.(H) Botany, III year	Analytical Technique in Plant Sciences	VI	2025
7	GE/DSE-II	Industrial and Environmental Microbiology	II	2025
8	B.Sc. Life Science, I year	Genetics and Molecular Biology	II	2025
9	B.Sc. Life Science, II year	Ecology and Evolution	IV	2025

2023-2024

S. No.	Course	Subject Taught	Semester	Year
1	B.Sc. Life Science, III year	Cell and Molecular Biology	V	2023
2	B.Sc. (H) Botany, I year	Cell Biology: Organelles and Biomolecules	I	2023
3	B.Sc. (H) Botany, I year	Plant Resources and Economic Botany	II	2023
4	B.Sc. Life Science, III year	Plant Biotechnology	VI	2023
5	B.Sc. Life Science, III year	Economic Botany and Biotechnology	VI	2023
6	B.Sc.(H) Botany, II year	Plant Systematics	II	2024
7	GE (Hons.) I year	Ethnobotany	II	2024
8	B.Sc. Life Science, II year	Plant Ecology and Evolution	IV	2024
9	B.Sc.(H) Botany, III year	Industrial and Environmental Microbiology	VI	2024
10	Skill Enhancement Courses (SEC), II year	Nursery Gardening and Landscaping	IV	2024

Research Guidance

Guided two students for Undergraduate Dissertations

- Supervised an undergraduate dissertation titled "Biochemical Analysis in the Medicinal Plant *Datura stramonium* (Solanaceae)."
- Supervised an undergraduate dissertation titled "Evaluation of Morphometric, Phytochemical and Cytological Parameters in *Sida acuta* Burm. f. (Malvaceae)."

Publications Profile

- ❖ **Saggoo, M. I. S. and Kumari, K. 2013.** Male meiosis in reed grass *Calamagrostis emodensis* Griseb. from cold desert region of Western Himalayas. *Chromosome Botany* **8**: 97-101.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2015.** Male meiosis in some species (Family Poaceae) with soil stabilization potential from District Kinnaur, Himachal Pradesh. *Cytologia* **80 (1)**:1-6.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2016.** Analysis of meiotic behavior in *Eremurus himalaicus* Baker (Liliaceae): A rare endemic perennial from Kinnaur, Himachal Pradesh, India. *Cytologia* **81**: 447-453.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2016.** Male Meiosis in Two Morphotypes of *Melica persica* Kunth (Poaceae) from Himachal Pradesh, India. *Cytologia* **81(4)**: 403-408.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2016.** Male meiosis and morphometric analysis of ethnobotanically important *Allium carolinianum* DC. From Kinnaur district of Himachal Pradesh, India. *Asian Journal of Pharmaceutical and Clinical Research* **9(4)**: 396-398.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2016.** Cytomorphology of some medicinal grasses from Hangrang valley of district Kinnaur, Himachal Pradesh. *International Journal of Pharmacy and Pharmaceutical Sciences*. **8(5)**: 187-190.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2016.** Meiotic abnormalities in some members of the Poaceae collected in District Kinnaur, Himachal Pradesh, India. *Chromosome Botany* **11(1)**: 14-20.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2017.** Male meiosis in *Polygonatum Cirrhifolium* (Wall.) Royle- An endangered medicinal plant from Kinnaur, Himachal Pradesh. *Cytologia* **82(4)**:1-4.
- ❖ **Kumari, K. and Saggoo, M. I. S. 2015.** Traditional and ethnomedicinal uses of some grasses (Poaceae) of Kinnaur, Himachal Pradesh, India. *Annals of Plant Sciences* **4**: 1195-1198.
- ❖ **Kumari, K., Kaur, M. and Akhter, A. 2015.** The Current Status and High Priority Conservation of Endangered Medicinal Plants of North West India. 'INSIGHT' an International Journal of Science. Volume 2.
- ❖ **Kumari, K. and Krishnan, R. 2024.** Pharmacological Significance and Curative Potential of Seabuckthorn- A Traditional Tibetan Medicinal Plant in Cold Desert Himalayas. *Annals of Plant Sciences* (Volume-13: Issue-11- 2024).

BOOK CHAPTERS:

- ❖ **Kumari, K. and Krishnan, R. 2024.** Airborne Particulate Matter: Unveiling Environmental and Societal Impacts. Taylor and Francis Group, ISBN-9781032834597.

- ❖ **Kathal, R., George, S. and Kumari, K. 2023.** Micropropagation-a sustainable approach for conservation of medicinal plants. Lianas College Magazine (ISBN-97893-92603-05-1)
- ❖ **Kumari, K. and Krishnan, R. 2024.** Sea buckthorn (*Hippophae rhamnoides* L.)-a wonderful stress-resistant and ecologically adaptable medicinal plant of the Himalayan cold desert region. Lianas College Magazine, ISBN-978-93-92603-46-4.
- ❖ **Pandey, V. and Kumari, K. 2016.** *Sida acuta* Burm.F.: Weed Plant with Biological Significance. Lianas College Magazine, ISBN-978-93-92603-822.
- ❖ **Sana and Kumari, K. 2016.** *Datura stramonium*: The Devil's Trumpet. Lianas College Magazine, ISBN-978-93-92603-822.
- ❖ **Kamlesh Kumari and Basanta Kumar Das. Edited Book.** 2024-2025. Lianas-Natures Pharmacy. FA Digital Productions, New Delhi, India. ISBN: 978-93-92603-24-2.
- ❖ **Kamlesh Kumari and Sunita George. Edited Book.** 2025. Handbook on Hydroponics and Aeroponics. FA Digital Productions, New Delhi, India. ISBN-978-93-92603-66-2.

Conference Organization / Presentation (in the last three years)

- **Poster Presentation in** International Conference on Global Perspectives of Medicinal Plants-Traditional System of Medicine to Nanomedicine organized by Department of Botany, Ramjus College, University of Delhi from 20th -21st March 2025.
- **Presented paper (online)-** in National Conference on Science, engineering and technology for a sustainable future-organized by Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab from February 26-27, 2026.
- **Co-coordinator** in the In-House Skill Development Program on Enhancing Learning Through ICT Tools, organized by Daulat Ram College, University of Delhi on 11th and 12th August 2025.
- **Co-ordinator**-Organized National Science Day celebration held on **23rd February 2026** organized by Astitva Life Science Association, Daulat Ram College, University of Delhi, under the aegis of IQAC on the topic-“Pleasure and purpose of doing Science.”
- **Convener**-Five days In-House Skill Development Program (SDP) on Hydroponics and Aeroponics-The Future Sustainable Farming, from 24th February-1st March 2025, organized under the aegis of IQAC, at Daulat Ram College, University of Delhi.
- **Organized** the annual Co-curricular event Mosaic 2026 of Astitva- the Life Science Association, for the academic session 2025-2026, in which, an invited talk was successfully delivered by Dr. Abhay Mishra (AIIMS-New Delhi), on **24th March, 2026**, in Daulat Ram College, University of Delhi, New Delhi. The title of the talk was, “Rewriting the code of Scientific Success”.
- **Organized** -Talk Session on “Explainable AI in Healthcare” by Dr. Ankit Rajpal, Department of computer Science, University of Delhi, under Astitva- the Life Science Association, on **29th January 2026**.
- **Organized**-Inauguration Ceremony for the Academic Session 2025–26. On this occasion, the Department of Life Sciences organized an Inaugural Talk on the topic: “Bioinformatics and Beyond: How Digital Tools Are Revolutionizing Biomolecule Research” by Speaker: Dr. Indrakanth K. Singh, Dr. B.R. Ambedkar Center for Biomedical Research, University of Delhi.

- **Organized** the inaugural ceremony of Vasundhara, The Botanical Association of Daulat Ram College, for the academic session 2024-2025, in which the inaugural talk was delivered by Prof. Balaram Pani, **Dean of Colleges**, on 9th October, **2024**, in Daulat Ram College, University of Delhi, New Delhi. The title of the talk was, “effect of air pollution on climate change.”
- **Conducted** Workshop on high tech laboratory Equipment’s on 11 February 2025 organized by Helix Instruments, BR Biochem Life Sciences Pvt Ltd, GenX Lab Instruments, Accumax Lab Instruments, at Department of Botany, Daulat Ram College, University of Delhi.
- **Conducted** one day Workshop on “Landscape designing and Gardening using AutoCAD”, on 29th April 2024, by Himanshu Singh, Head of Operations at ARCHITEVO, at Department of Botany, Daulat Ram College, University of Delhi.
- **Organized** Talk on topic ‘Nature’s Pharmacy’ on 22nd February 2025 by Dr. Chinmay Rath, Ministry of Ayush, at Department of Botany, Daulat Ram College, University of Delhi.
- **Organized** the annual Co-curricular event Orchidz 2025 of Vasundhara, The Botanical Association of Daulat Ram College, for the academic session 2024-2025, in which, an invited talk was delivered by Dr. NK Singh (IARI), on 19th march, **2025**, in Daulat Ram College, University of Delhi, New Delhi. The topic was, “Decoding Genomes of plants”.
- **Resource Person -Skill Development Programme (SDP):** Online SDP on digital learning for non-teaching staff at Department of Botany, Daulat Ram College, University of Delhi (January, 21-28, 2022).
- **Resource Person-Skill Development Programme (SDP):** SDP on ICT tools for 1st year students at Department of Botany, Daulat Ram College, University of Delhi (November, 26-27, 2022).
- **Member of Organizing Committee-Workshop-Learning** gardening techniques-a step towards entrepreneurship (Developing a herbal garden: nature to nurture with ayurveda)- Organized by Garden Committee (under IQAC), Daulat Ram College, University of Delhi (February 10, 2023).
- **Member of Organizing Committee-Workshop-Basic** techniques for home gardening series-1- Organized by Garden Committee (under IQAC), Daulat Ram College, University of Delhi (September 14-15, 2022).

Awards and Distinctions

I. GATE-XL Exam:

(Graduate aptitude test in Engineering) in Life Sciences (XL) conducted by Indian Institute of Technology Kharagpur on behalf of the National Co-ordination Board (NCB)-GATE. **(2014)**

II. STATE ELIGIBILITY TEST (SET/SLET):

Conducted by Himachal Pradesh Public Service Commission, for Assistant Professor in Botany, **2018**.

III. CSIR-UGC-NET:

Test for eligibility for Lectureship (NET) (Botany). **June-2018**

Scholarships:

UGC-BSR Research Fellowship Scheme (JRF) (UGC-New Delhi) (2015-2017)

UGC-BSR Research Fellowship Scheme (SRF) (UGC-New Delhi) (2017-2018)

Association with Professional Bodies

Member of Delhi University Botanical Society (DUBS), University of Delhi

Other Activities

- Organized Field trip of BA (H) English-AEC Environmental Studies theory in to practice, to Mahatma Gandhi institute for Combating Climate change (MGICCC) (Govt of NCT of Delhi), Bakoli, Delhi, in 12 September 2024.
 - Co-Organized Field Trip of B.Sc (H) Botany 3rd year students of DSE-Natural Resource Management to Yamuna Biodiversity Park, New Delhi, in 2024.
 - Organized Field Trip of Botany (Hons.) 4th Year students of Biodiversity Informatics to Neela Hauz Biodiversity Park, New Delhi, in 2025.
 - Organized Field Trip of GE-II students of Plant Diversity and Human Welfare to Aravalli Biodiversity Park, New Delhi, on 25th March 2026.
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