




Faculty Details Proforma For College Web-site



Title	Dr	First Name	Kamlesh	Last Name	Kumari	Photograph 
Designation	Assistant Professor					
Address	Daulat Ram College, University of Delhi					
Phone No. Office	-					
Residence	-					
Mobile No.	-					
Email - ID	kamlesh11negi@gmail.com					
Web Page						
Educational Qualification						
Degree	Institution				Year	
Ph.D	Punjabi University, Patiala				2018	
M.Sc. Botany	Punjabi University, Patiala				2010	
B.Sc.	Himachal Pradesh University				2008	
Career Profile						
<p>Assistant Professor at Daulat Ram College from 06/08/2019 to 29/01/2023 as Ad-hoc, Assistant Professor at Daulat Ram College from 30/01/2023 to Present as permanent faculty Total teaching experience- Five years</p>						
Administrative Assignments						
<ul style="list-style-type: none">• Member-Sports committee, Daulat Ram College, University of Delhi (2019-2021)-two years• Member- Garden committee, Daulat Ram College, University of Delhi (2019-till now)• Member-Students amenities, Daulat Ram College, University of Delhi (2022-2023)- one year• Member-Students amenities, Daulat Ram College, University of Delhi (2023-2024)-one year• Member-Annual report committee, Daulat Ram College, University of Delhi (2023-2024)-one year• Member-Website committee, Daulat Ram College, University of Delhi (2023-2024)-one year• Member- Garden committee, Daulat Ram College, University of Delhi (2024-2025)• Member- Poetry society, Daulat Ram College, University of Delhi (2024-2025)						

- Staff advisor of Vasundhara, The Botanical Society, Daulat Ram College, University of Delhi (2024-2025)-one year

Areas of Interest / Specialization

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

Subjects Taught

2023-2024

S. No.	Course	Subject Taught	Semester	Year
1	B.Sc.(H) Botany, II year	Plant Systematics	II	2024
2	GE (Hons.) I year	Ethnobotany	II	2024
3	B.Sc. Life Science, II year	Plant Ecology and Evolution	IV	2024
4	B.Sc.(H) Botany, III year	Industrial and Environmental Microbiology	VI	2024
5	Skill Enhancement Courses (SEC), II year	Nursery Gardening and Landscaping	IV	2024

2022-2023

S. No.	Course	Subject Taught	Semester	Year
1	B.Sc. (H) Botany, II year	Genetics	III	2022
2	B.Sc. (H) Botany, II year	Anatomy of angiosperms	III	2022
3	B.Sc. (H) Botany, II year	Ethnobotany	III	2022
4	B.Sc. (H) Botany, III year	Plant Physiology	V	2022
5	GE(Hons.)-II year	Environmental Biotechnology	III	2022
6	B.Sc. Life Science, III year	Cell and Molecular Biology	V	2023
7	B.Sc. (H) Botany, I year	Cell Biology: Organelles and Biomolecules	I	2023
8	B.Sc. (H) Botany, I year	Plant Resources and Economic Botany	II	2023
9	B.Sc. Life Science, III year	Plant Biotechnology	VI	2023
10	B.Sc. Life Science, III year	Economic Botany and Biotechnology	VI	2023

2021-2022

S. No.	Course	Subject Taught	Semester	Year
1	B.Sc. (H) Botany, I year	Biomolecules and Cell Biology	I	2021
2	B.Sc. Life Science, I year	Biodiversity	1	2021
3	B.Sc. Life Science, III year	Cell and Molecular Biology	V	2021
4	B.Sc. Life Science, II year	Plant anatomy and embryology	III	2021
5	B.Sc. Life Science, I year	Plant ecology and taxonomy	II	2022
6	Botany (H) Botany, III year	Plant metabolism	VI	2022
7	B.Sc. (H) Botany, III-year	Plant Biotechnology	VI	2022
8	B.Sc. Life Science, III-year	Economic Botany and Biotechnology	VI	2022
9	B.Sc.(H) Mathematics and B.A. (H), Economics	Environmental Sciences	II	2022

Research Guidance

NIL

Publications Profile

- ❖ **Saggio, 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 Saggio, 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 Saggio, 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 Saggio, 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 Saggio, 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 Saggio, 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 Saggio, 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 Saggio, 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 Saggio, 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

Conference Organization / Presentation (in the last three years)

- ❖ **Skill Development Programme (Resource Person-SDP):** Online SDP on digital learning for Non-Teaching staff at Department of Botany, Daulat Ram College, University of Delhi (January, 21-28, 2022)
- ❖ **Skill Development Programme (Resource Person-SDP):** SDP on ICT tools for 1st year students at Department of Botany, Daulat Ram College, University of Delhi (November, 26-27, 2022)
- ❖ **Online Faculty Induction Programme (FIP)-**Organized by Daulat Ram College and GADTLC-SGTB Khalsa College (February, 25-March, 27, 2023)
- ❖ **Online Faculty Development Programme (FDP)-** On MOOCs and e-content Development-Organized by Daulat Ram College and GADTLC-SGTB Khalsa College May, 25-31, 2023
- ❖ **Online Faculty Development Programme (FDP)-** on *FORENSIC SCIENCE (INTERDISCIPLINARY)* (UGC-MMTTC/GAD-MMTTC), SGTB Khalsa College and University of Delhi, 6-18 April 2024
- ❖ **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)
- ❖ **Workshop-**Basic techniques for home gardening series-1- Organized by Garden Committee (under IQAC), Daulat Ram College, University of Delhi (September 14-15, 2022)
- ❖ **International Conference-** Effective Strategies for Biodiversity Conservation organized by Department of Botany, Daulat Ram, College, University of Delhi (March, 23-24, 2021)
- ❖ **Workshop-**Learning of Reproductive Biology with Fluorescence Microscopy- Organized by Department of Botany, Daulat Ram College, University of Delhi August, 25-26, 2021
- ❖ **National Webinar-** On Biodiversity and Conservation- Organized by Department of Botany (under IQAC), Daulat Ram College, University of Delhi (June 8, 2020)

Research Projects (Major Grants/Research Collaboration)

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.