



Faculty Details Proforma

Title	DR	First Name	PRATIBHA	Last Name	KUMARI	Photograph
Designation		Assistant Professor				
Address		Daulat Ram College, Patel Marg 4				
Phone No. Office						
Residence						
Mobile No.						
Email – ID		mh.pratibha@gmail.com				
Web Page						
Educational Qualification						
Degree		Institution			Year	
BSc (H) BOTANY		UNIVERSITY OF DELHI			2007	
MSc BOTANY		UNIVERSITY OF DELHI			2009	
M.PHIL		UNIVERSITY OF DELHI			2011	
PHD		UNIVERSITY OF DELHI			2015	
Career Profile						
1. ASSISTANT PROFESSOR (AD-HOC)- ZAKIR HUSAIN DELHI COLLEGE (UNIVERSITY OF DELHI)- AUGUST 2016- DECEMBER 2017 2. ASSISTANT PROFESSOR (AD-HOC)- DAULAT RAM COLLEGE (UNIVERSITY OF DELHI)- JANUARY 2018- 20 TH JANUARY 2023 3. ASSISTANT PROFESSOR (PERMANENT)- DAULAT RAM COLLEGE (UNIVERSITY OF DELHI)- JANUARY 2023						
Administrative Assignments						
▪ Member of Students Amenities Committee- 2018-19, 2025-26 ▪ Member of Spic Macay Society- 2018-19 ▪ Member of Garden Committee – 2018- 2024 ▪ Convenor of Garden Committee- 2024-26 ▪ Departmental Representative of College Alumni Committee – 2019-2021 ▪ Member of College Website Committee – 2021-23 ▪ Member of Prize Committee – 2022-23 ▪ Member of Annual Report Committee – 2021-23, 2025-26 ▪ Member of Women Development Cell – 2022-23 ▪ Staff Advisor of ASTITVA (Life Science Association)- 2022-23 ▪ Member Admission Redressal Committee- 2023-24 ▪ Member College Redressal Committee- 2023-24 ▪ Convenor Western Music and Dance Society-2023-24						

- Convenor Garden Committee- 2024-25
- Member Eco club Society- 2024-25
- Member Swachh Bharat- 2024-25

Areas of Interest / Specialization

ARCHEGONIATE, BIOFERTILIZER, ETHNOBOTANY, ECOLOGY, TAXONOMY, REPRODUCTIVE BIOLOGY

Subjects Taught (in the last three years)

2025-2026

1-	IInd year/III Sem	Bryophytes, Pteridophytes and Gymnosperms
2.	Ist year/I Sem	EVS
3.	Ist year/II Sem	BSc(H) Botany/ Microbiology and plant microbe interactions
4-	Ist year/II Sem	BSc(H) Botany/ Plant Resource and Economic Botany
5-	IIIrd year/V Sem	BSc(H) Botany/ Reproductive Biology of Angiosperms
6-	Ist year/I Sem	BSc(H) Botany/ Plant Diversity and Evolution
7-	Ist year/II Sem	BSc(H) Botany/Plant Systematics
8-	IIIrd year/VI Sem	BSc (Life Science)/Economic Botany and Biotechnology

2024-2025

1-	IIIrd year/V Sem	BSc(H) Botany/ Reproductive Biology of Angiosperms
2.	IIIrd year/V Sem	BSc(H) Botany/ Molecular Biology of Cell
3.	Ist year/I Sem	BSc (Life Science)/Plant Diversity and Systematics
4-	IIIrd year/VI Sem	BSc(H) Botany/ Plant Biochemistry and Metabolism
5-	Ist year/II Sem	EVS
6-	IIIrd year/V Sem	BSc(H) Botany/Plant Physiology
7-	IIIrd year/V Sem	BSc (Life Science)/Plant Physiology and Metabolism
8-	IInd year/IV Sem	BSc(H) Botany/Developmental Biology of Angiosperms, Anatomy
9-	IIIrd year/VI Sem	BSc (Life Science)/Economic Botany and Biotechnology

2023-2024

1-	IInd year/ III Sem	BSc(H) Botany/ Bryophytes, Pteridophytes and Gymnosperms
2.	IInd year/ V Sem	BSc(H) Botany/ Reproductive Biology of Angiosperms
3.	IInd year/ III Sem	BSc (Life Science)/ Cell and Developmental Biology
4-	Ist year/II Sem	BSc(H) Botany/ Microbiology and plant microbe interactions
5-	IInd year/IV Sem	BSc(H) Botany/ Ecology and Conservation
6-	IInd year /VI Sem	BSc (Life Science)/ Economic Botany and Biotechnology

2022-2023

1.	IInd Year/ III Sem	BSc (Life Science)/ Plant Anatomy and embryology
2.	IInd Year/ III Sem	BSc (H) Botany- SEC Ethnobotany
3.	IIIrd year/V Sem	BSc (H) Botany/ Reproductive Biology of Angiosperm
4.	IIIrd year/ VI semester	BSc (Life Science)/ Economic Botany and Biotechnology
5.	IInd Year/ IV Sem	BSc (H) Botany/ Ecology
6.	IIIrd year/ VI semester	BSc (H) Botany/ Plant biotechnology
7.	I year/ I Sem	BSc (Life Science)/ Plant Diversity and Systematics
8.	I year/ II Sem	BSc (Life Science)/ Genetics and Molecular Biology

2021-2022

1-	Ist year/ I Sem	BSc (H) Botany/Microbiology and Phycology
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2.	Ist year/ II Sem	BSc (H) Botany/ Archegoniate
3.	II year/ IV Sem	BSc Life Science/ Plant Physiology and Metabolism
4.	IIIrd year/ VI semester	BSc Life Science/ Economic botany and biotechnology
5.	Ist year/ II Sem	BSc Life Science/ Plant ecology and taxonomy
6.	IInd year/ III Sem	BSc Life Science/ SEC- Biofertilizer
7.	IInd year/ III Sem	BSc (H) Botany/ Ethnobotany
8.	IIIrd year/ V semester	BSc (H) Botany/ Biostatistics

Research Guidance

NIL

Publications Profile

PUBLICATIONS (Review/Research Articles)

- **Pratibha Kumari**, A.M. Otaghvari, H. Govindaparyi, Y.M. Bahuguna, P.L. Uniyal (2011). Some Ethno-Medicinally Important Pteridophytes of India. International Journal of Medicinal and Aromatic Plants. Vol 1(1): 18-22. ISSN 2249-4240.
- H. Govindaparyi, **Pratibha Kumari**, Y.M. Bahuguna, P.L. Uniyal (2012). Evaluation of Species Richness of Acrocarpous Mosses in Imphal District, Manipur, India. Taiwaniana 57(1): 14-26. ISSN 0372-333X.
- **Pratibha Kumari**, B.P. Chamola, H. Govindaparyi, R. Gupta, P.L. Uniyal (2015). Studies on Diversity of Soil Fungi (AM) Associated with Bryophytes in Uttarakhand, North-Western Himalaya, India. Annals of Forestry 23 (1): 11-19. ISSN 0971- 4022.
- Priti, **Pratibha Kumari**, Ruchi Srivastava, P.L. Uniyal (2016). Studies on the Gametophyte Development and Gametangial Ontogeny in *Microsorium scolopendria* (Burm. f.) Copel. International Journal of Plant Reproductive Biology. 8(2) 136-138. ISSN print: 0975-4296, ISSN online: 2249-7390
- Priti, **Pratibha Kumari**, G.S. Panwar, P.L.Uniyal (2017). Studies on *In-vitro* Gametophyte development of *Onychium contiguum* (Wall.) Hope. Indian Fern Journal (34) 117-134. ISSN 0970-2741.
- **Pratibha Kumari**, Meenam Bhatia, Priti Giri , P.L. Uniyal (2024). Mycorrhizal association and its relation with pteridophytes. Frontiers in Microbiology, (15) 1-14. ISSN 1664-302X.
- **Pratibha Kumari**, Priti Giri and P.L. Uniyal (2025). A Study of Arbuscular Mycorrhizal Association in Three Species of *Asterella* (Aytoniaceae, Marchantiophyta) from Western Himalayan Region, India. July 2025; *Lilloa* 61(s2):177-192. DOI:[10.30550/j.lil/2091](https://doi.org/10.30550/j.lil/2091)
- Leleeka Devi, M., Prem Lal Uniyal, Neha Mann, **Pratibha Kumari** and Sanavar. (2025). Studies on Reproductive aspects of *Willisia selaginoides* (Podostemaceae), an endemic species from Kerala. *Rheede*, 35(4), 185-194. <https://doi.org/10.22244/rheede.2025.35.04.02>
- Devayani Muley, **Pratibha Kumari**, Meenam Bhatia and Aradhana Yadav (2026). Exploring the impact of mycorrhizae on phytochemical and secondary metabolites in medicinal plants. Medicinal Plants - International Journal of Phytomedicines and Related Industries, 18(1), 32–46. <https://doi.org/10.5958/0975-6892.2026.00006.2>

- Meenam Bhatia; **Pratibha Kumari**; Aradhana Yadav and Prem Lal Uniyal (2026). In vitro development of gametophyte and sporophyte in the epiphytic fern *Phlebodium aureum* (Polypodiaceae). Lilloa63 (1): 213-226. <https://doi.org/10.30550/j.lil/2346>

BOOK CHAPTERS:

- **Potential of Bryophytes as Herbal Medicine.** **Pratibha Kumari**, Priti and P.L. Uniyal. Book: (2017) “Scope of phytochemically unexplored medicinal plants’ (Eds Savindra Kumar, Mrinal Bhargava, Ratnum Kaul Wattal, Tabassum Jehan). Published by Enriched Publication, New Delhi (India). ISBN no- 978-1-63535-013-5.
- **Diversity and Developmental Biology of Gymnosperms** (2018). Prabha Sharma, Sanavar, H. Govindaparyari, **Pratibha Kumari** and P.L. Uniyal. Book ‘Plant Diversity of India” (Eds. A K Bhatnagar, Rupam Kapoor). Published by I.K. International, New Delhi (India). ISBN no- 978-93-85909-69-6.
- **Ecological importance of bryophytes in changing climate conditions.** (2018) **Pratibha Kumari**, Priti, P.L. Uniyal. Book: Introduction to Challenges and Strategies to Improve Crop Productivity in Changing Environment. (Eds: Mohammad Wahid Ansari, Savindra Kumar, Babeeta C. Kaula, Ratnum K. Wattal). Published by Enriched Publication, New Delhi (India). ISBN no- 978-81-934634-9-9.
- Ethnomedicinal Uses of Pteridophytes for Treating Various Human Ailments in India (2021). Priti, **Pratibha Kumari**, Prabha Sharma and P.L. Uniyal. New Vistas in Indian Flora (Eds. L.J. Singh and V. Ranjan). Bishen Singh Mahendra Pal Singh Publishers, Dehradun, India. ISBN no- 978-81-943323-5-0
- Bryophytes-Why they are Important (2023). **Pratibha Kumari**, Aradhana Yadav and Meenam Bhatia. Lianas. 978- 93-92603-05-1
- Ethnobotanical Studies and Traditional Knowledge Plants (2023). Aradhana Yadav, **Pratibha Kumari** and Meenam Bhatia. Lianas. 978-93-92603-05-1
- “Exploring the Morphogenetic Diversity in fern gametophytes and their potential in Plant Science Research (2023). Meenam Bhatia, **Pratibha Kumari** and Aradhana Yadav. Lianas. 978-93-92603-05-1.
- Bio-composting and manuring: A ways towards sustainable agriculture (2024). Meenam Bhatia, **Pratibha Kumari** and Aradhana Yadav. Lianas. ISBN: 978-93-92603-46-4
- Immunological and molecular mechanism induced by indoor bio-contaminants (2024). Ravi Kumar Goswami, Mohit Kumar, Avantika Chandan, Sudeshna Mandal, **Pratibha Kumari** and Varunendra Singh Rawat. Airborne biocontaminants and their impact on human health (Eds. Rajeev Singh and Anamika Singh). Wiley. 258—278; ISBN:9781394178933.
- Introduction to spices, sources and chemistry (2024). Priti Giri, Deepika Sharma, Ravi Kumar Goswami, Anamika Singh, **Pratibha Kumari**, Hardeep Singh Tuli and Tejveer Singh. Anticancer spices: Dietary input to health (Eds. Hardeep Singh Tuli). Jenny Stanford Publishing Pte. Ltd. 1-15; ISBN: 978-981-5129-28-1 (Hardcover), ISBN: 978-1-003-53466-2 (eBook).

- **Phytotherapy: An Alternative Approach to Treat Glioblastoma (2024).** **Pratibha Kumari**, Priti Giri, P.L. Uniyal. Medicinal and Aromatic Plants. Sustainable Landscape Planning and Natural Resources Management. (Eds Kumar, L., Bharadvaja, N., Singh, R., Anand, R.) Springer, Cham. https://doi.org/10.1007/978-3-031-60117-0_13. Print ISBN978-3-031-60116-3, Online ISBN978-3-031-60117-0.
- **Biodiversity Conservation, Environment and Sustainability: Lianas 2025-26. AN INTRODUCTION TO *WITHANIA SOMNIFERA*: A PROMINENT HERB IN TRADITIONAL MEDICINE.** Seema, Anshika Yadav and Pratibha Kumari, FA DIGITAL PRODUCTIONS 18A/20 Zakir Nagar, Jamia Nagar, New Delhi: ISBN: 978-93-92603-82-2.
- **Biodiversity Conservation, Environment and Sustainability: Lianas 2025-26. MYCORRHIZAL ASSOCIATIONS: NATURE’S HIDDEN NETWORK DRIVING.** Anshika Yadav, Seema and Pratibha Kumari. FA DIGITAL PRODUCTIONS 18A/20 Zakir Nagar, Jamia Nagar, New Delhi: ISBN: 978-93-92603-82-2

Conference Organization / Presentation

- **Member of the organizing committee** Workshop on Learning reproductive biology with fluorescence microscopy organized by Department of Botany, Daulat Ram College, University of Delhi, Delhi on 25th August 2021.
- **Resource person** in the two-day In-House Skill Development Program on “Enhancing Learning through I C T Tools”, organized by the Department of Botany, Daulat Ram College, University of Delhi from 24-25 November, 2021.
- **Resource Person**-In House Skill Development program (SDP) on “Disease Prevention by Natural Remedies and Identification of active ingredients” Organized by Department of Chemistry & Botany, Daulat Ram College under the aegis of Internal Quality Assurance Cell (IQAC) From 20-27th December 2021.
- **Resource Person**- One week skill development programme for non-teaching staff on “Digital learning through ICT Tools” organized by Department of Botany and Department of Economics, Daulat Ram College, University of Delhi. 21st -28th January 2022.
- **Member of Organizing Committee** in Workshop “Basic Techniques for Home Gardening – Series – I” organized by Garden Committee, Daulat Ram College, University of Delhi on 14th and 15th September, 2022.
- **Convener** of Workshop on “Capacity Building Workshop Series 1- Mushroom Cultivation organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 28th September 2022.

- **Co- convener-** In House Skill Development program (SDP) on “Enhancing learning through ICT Tools organized by Daulat Ram College, University of Delhi on 26th- 27th November 2022.
- **Resource person-** In House Skill Development program (SDP) on “Enhancing learning through ICT Tools organized by Daulat Ram College, University of Delhi on 26th- 27th November 2022.
- **Convener** of Workshop on “Capacity Building Workshop Series II- Intellectual Property Rights organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 17th January 2023.
- **Member of Organizing Committee** of Workshop on “Learning gardening techniques: A step towards entrepreneurship–Series II- Developing a Herbal Garden: Nature to Nurture with Ayurveda” organized by Garden Committee, Daulat Ram College, University of Delhi on 10th February, 2023.
- **Member of Organizing Committee** of Workshop on “Learning gardening techniques: A step towards entrepreneurship– Series III- Bonsai and Penjing” organized by Garden Committee, Daulat Ram College, University of Delhi on 12th April, 2023.
- **Chaired the paper presentation session** in the **National Conference on “Digital ALL- Inpvation and Technology for Gender Equality”** for International Women’s Day Celebration organised by Pragati, Women’s Development Cell, Daulat Ram College, University of Delhi on 24th March 2023.
- **Member of Organizing Committee** of An International Seminar on “Microplastics and its remediation” Department of Botany, Daulat Ram College, University of Delhi on 14th June 2023.
- **Resource person in** Two- Days In-House Skill Development Programme on “ Enhancing Learning through information & communication technology (ICT) tools” organised by Daulat Ram College, University of Delhi 23rd- 24th August 2023.
- **Poster Presentation** on National Conference on Medicinal Plants: Frontier Area of Research And Development organised by Department of Botany and Research and Development Cell, Hansraj College, University of Delhi from 16th- 17th March 2023.
- **Poster Presentation** National Conference on "Ashwagandha: A Health Promoter from Fields to Pharmacy" organized by Gargi College, University of Delhi, sponsored by National Medicinal Plants Board (NMPB), Ministry of Ayush, Government of India on 18th October, 2024.
- **Poster Presentation National Conference on International Conference on** “Global perspectives of Medicinal Plants: Traditional System of Medicine to Nano-Medicine” organised by Ramjas College, University of Delhi on 20-21st March 2025.
- **Resource person for SDP** “Embracing sustainability: Upskilling for better future” organised by Department of Chemistry, Daulat Ram College, University of Delhi, from 17th to 22nd October 2024.

- **Active member of the Appraisal Committee** for the Two-Day National Workshop on “RISE AND RESPOND: YOUTH FOR A DISASTER RESILIENT FUTURE” organized by SGGSCC University of Delhi in collaboration with the National Institute of Disaster Management, Ministry of Home Affairs, Government of India, held on 16-17 April, 2025.
- **Resource person** for “Bhavisya ki ore ek Udan” organised by Daulat Ram College, in collaboration with **Ekal Sansthan**, conducted a **four-day Outreach Programme** for the children of Alipur Village, Faridabad, from 16 June 2025 to 19 June 2025.
- **Resource person** In-House Skill Development Programme on “Enhancing Learning through information & communication technology (ICT) tools” organised by Daulat Ram College, University of Delhi 11th - 12th August 2025.
- **Resource person** for two credits Skill-Based Course for BSc (Life Science) IV-year Students organised by Department of Botany, University of Delhi from 3rd -12th November 2025.
- **Convenor** Activity organised on “Grow What You Throw” organised by Vasundhara- The Botanical Society in collaboration with Garden Committee, Daulat Ram College, University of Delhi on 15th January 2026
- **Convenor** on Workshop organised on “Kokedama: An Introduction to Living Art” organised by Vasundhara- The Botanical Society in collaboration with Garden Committee, Daulat Ram College, University of Delhi on 28th January 2026.
- **Co-convenor** International Symposium on Environmental Biotechnology and Water Sustainability (ISEBWS-2026) organised by Vasundhara- The Botanical Society, Daulat Ram College, University of Delhi on 11th February 2026.
- **Session Chaired** International Symposium on Environmental Biotechnology and Water Sustainability (ISEBWS-2026) organised by Vasundhara- The Botanical Society, Daulat Ram College, University of Delhi on 11th February 2026.
- Judge Salad Dressing organised by Orchidz (Co-curricular activity) on 10th April 2026.

STUDENT’S EXTENSION PROGRAMMES

- Educational Trip to Regional Centre for Biotechnology, Faridabad- 23rd March 2023
- Educational Trip to IARI, New Delhi- 5th April 2023
- Botanical Educational Trip, Dalhousie, Khajjiar (Himachal Pradesh)- 27th - 30th September 2023
- Botanical Educational Trip, Mussoorie- Chamba (Uttarakhand)- 1st- 4th October 2024
- Visit to Carbon Garden, University of Delhi - 7th April 2026

Workshop/Conference organised for Students

- Workshop on “Capacity Building Workshop Series 1- Mushroom Cultivation organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 28th September 2022.
- Workshop on “Capacity Building Workshop Series II- Intellectual Property Rights organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 17th January 2023.

- **Convenor** Activity organised on “Grow What You Throw” organised by Vasundhara- The Botanical Society in collaboration with Garden Committee, Daulat Ram College, University of Delhi on 15th January 2026
- **Convenor** on Workshop organised on “Kokedama: An Introduction to Living Art” organised by Vasundhara- The Botanical Society in collaboration with Garden Committee, Daulat Ram College, University of Delhi on 28th January 2026.
- **Co-convenor** International Symposium on Environmental Biotechnology and Water Sustainability (ISEBWS- 2026) organised by Vasundhara- The Botanical Society, Daulat Ram College, University of Delhi on 11th February 2026.

REFERESHER COURSE/FACULTY INDUCTION/ ORIENTATION

- **Faculty Induction Programme/ Orientation** (Online) jointly organised by Daulat Ram College, University of Delhi and Guru Angad Dev Teaching Learning Centre under PMMMNMTT, Ministry of Education, SGTB Khalsa College, University of Delhi from 25th February- 27th March 2023.
- **Refresher Course** (Online) on Indian Folk Traditions: A Tapestry of Diversity organised by Atma Ram Sanatan Dharma College in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi from 25th October- 8th November 2023.
- **Refresher Course** (hybrid) Embarking on NEP: Research Methodology for Scientific Excellence. Two-Week Online Refresher Course organized by Daulat Ram College, University of Delhi in collaboration with Guru Angad Dev-Malaviya Mission Teacher Training Centre (GAD-MMTTC), SGTB Khalsa College, University of Delhi from 24th June to 07th July 2025.

SEMINARS/CONFERENCES/SYMPOSIUM/ WEBINARS

- National conference on medicinal plants of Himalayas-Traditional uses and conservation issues. 19-21st February 2009. Organized by HAPPRC H.N.B. Garhwal University Srinagar, Garhwal and Society for Conservation and Research Development of Medicinal Plants, New Delhi.
- National conference on role of biodiversity in sustainable agriculture. 4-5th March 2010. Organised by Department of Botany, Bundelkhand, University, Jhansi.
- T.N. Khoshoo Memorial Lecture and Award Function. The Orchid society of India (TOSI). Organized by Department of Botany, Panjab University and Department of Zoology, University of Delhi (1st October 2015).
- National conference on pharmacognosy scope of phytochemically unexplored medicinal plants. 12th January 2017. Organised by Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.
- National conference on challenges and strategies to improve crop productivity in changing environment: An integrated approach. 12th January 2018. Organised by Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.
- Symposium on Environment and Sustainable Development- New Perspectives (Under IQAC)-. Department of Botany, Daulat Ram College, University of Delhi, Delhi-110007. 14th February 2019.

- National Webinar on “Virtual Classes tools: Google classroom, Google meet and Youtube. Organised by Department of Botany, Gargi College, University of Delhi, Delhi. 11th May 2020.
- Evolution of science seen from historical prospective. Organised by Department of Botany, Deshbandhu College, University of Delhi, Delhi. 12-13th May 2020.
- National webinar on “Rog main Yog”. Organised by Yoga club, Bhaskaracharya College of applied sciences, University of Delhi, Delhi. 16th May 2020.
- Botanical secrets for wellness: Clued from nature signature. Organised by The Botanical society, Bhaskaracharya College of applied sciences, University of Delhi, Delhi. 16th May 2020.
- International webinar on “Prevalent crisis triggered by the COVID-19 pandemic and its appraisal”. Organised by Department of Chemistry and Biomedical sciences, Bhaskaracharya College of applied sciences, University of Delhi, Delhi. 18-19th May 2020.
- Biodiversity and public health. Organised by Eco club, Shivaji College, University of Dpelhi, Delhi and Society of Ecological research and Natural resource management (SERNRM). 19th May 2020.
- International webinar on “Biodiversity and Environment Health”. Organised by Department of Environmental studies, Shivaji College, University of Delhi, Delhi. 20th May 2020.
- Higher education in India: Pandemic paradigm. Organised by Internal Quality Assurance Cell, Dayal Singh College, University of Delhi, Delhi. 20th May 2020.
- National webinar on “Ecological revival during pandemic. Organised by Department of Chemistry, Bhaskaracharya College of applied sciences, University of Delhi, Delhi. 21st May 2020.
- Plant Biology: A journey from Earth to Space. Organised by Department of Botany, Ramjas College, University of Delhi, Delhi. 22-23rd May 2020.
- New opportunities in medicinal plants sector for farmers and entrepreneurs. Organised by Department of Life Science, Marsarovar Global University, Madhya Pradesh. 24th May 2020.
- Art and science of mentoring. Organised by Physics Department, Daulat Ram College, University of Delhi, Delhi. 1st June 2020.
- National webinar on “Entrepreneurship aspects on biodiversity conservation and indigenous healing practices of Northeast India. Organised by IBSD centre, Kalindi College. University of Delhi, Delhi. 2nd June 2020.
- Celebration Biodiversity. Organised by Daulat Ram College, University of Delhi, Delhi. 4th June 2020.
- National webinar on “Biodiversity and Man. Organised by Department of Botany, Dayal Singh College, University of Delhi, Delhi and Society of Ecological research and Natural resource management (SERNRM). 5th June 2020.
- Biodiversity: Bioindicators, monitoring and ecosystem health. Organised by Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar. 5th June 2020.
- National webinar on “Biodiversity and Conservation. Organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi. 8th June 2020.

- International conference on Effective strategies for biodiversity conservation organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi from 23 to 24th March 2021.
- Webinar on "Feeding the 10 billion: A genomics perspective" being organized by the Department of Botany (under the aegis of IQAC), Ramjas College, University of Delhi, Delhi, India. 11th April 2022.
- **National Conference** on Medicinal Plants: Frontier Area of Research And Development organised by Department of Botany and Research and Development Cell, Hansraj College, University of Delhi from 16th-17th March 2023.
- National Conference on Medicinal Plants: Frontier Area of Research And Development organised by Department of Botany and Research and Development Cell, Hansraj College, University of Delhi from 16th-17th March 2023.
- An International Seminar on “Microplastics and its remediation” Department of Botany, Daulat Ram College, University of Delhi on 14th June 2023.
- **National Conference on "Ashwagandha: A Health Promoter From Fields to Pharmacy"** organized by Gargi College, University of Delhi on 18th October, 2024, sponsored by National Medicinal Plants Board (NMPB), Ministry of Ayush, Government of India.
- **International Conference on** “Global perspectives of Medicinal Plants: Traditional System of Medicine to Nano-Medicine” organised by Ramjas College, University of Delhi on 20-21st March 2025.
- International webinar on “Plant Responses to Changing Microbial Biota” held on 14th April 2025, organized by Department of Botany, Ramjas College, University of Delhi, Delhi -110007, India.
- International webinar on “Plant Responses to Changing Microbial Biota” held on 14th April 2025, organized by Department of Botany, Ramjas College, University of Delhi, Delhi -110007, India

WORKSHOPS/FDP/SDP/

- **Workshop** on Bioinformatics in Genomics and Proteomics. Organised by Indian Institute of Technology, Kharagpur. 26-27th September 2008.
- **Workshop** on Information Literacy and Competency. Organised by Delhi University Library System, University of Delhi, Delhi. 17th February 2013.
- **National workshop** on Bryology. Organized by Department of Botany, University of Jammu, Jammu. 22-23rd February 2013.
- **National workshop** on Biostatistics: An initiative to educate the educator. 9-10th March 2017. Organised by Department of Botany, Zakir Husain Delhi College, University of Delhi, New Delhi.
- **Workshop** on Industrial and Environmental Microbiology. Organized by Department of Botany, Daulat Ram College, University of Delhi, Delhi. 19th -20th March 2018.
- **National workshop** cum Training on Bioinformatics and Computational Tools for Botanical Studies. Organized by Department of Botany, Daulat Ram College, University of Delhi, Delhi. 12-13th February 2020.

- **E- faculty development programme** on “Empowering Teaching- learning Process using google classroom & other ICT tools: A comprehensive practical approach. Department of Commerce, Daulat Ram College, University of Delhi, Delhi. 21-23rd July 2020.
- **Workshop** on Learning reproductive biology with fluorescence microscopy. Organized by Department of Botany, Daulat Ram College, University of Delhi, Delhi. 25-26th August 2021.
- **Workshop** on "Microbes for sustainable and resilient future" held under the auspices of Scientific and Engineering Research Board and organized by Delhi University Botanical Society (DUBS), Department of Botany, University of Delhi from 6th -11th December 2021.
- **Workshop** on Arbuscular Mycorrhizal Fungi: Biodiversity, Taxonomy and Propagation" organized by Department of Botany Rajiv Gandhi University, Rono Hills, Doimukh – 791112, Arunachal Pradesh from on 19-20 January 2022 and 02 April 2022
- **Faculty Development Programme** on “Environment Sustainability & Climate Change” being organised by Miranda House, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre (MHRFDC), Hansraj College from April 04 - 08, 2022.
- **Workshop** on “Basic Techniques For Home Gardening – Series – I” organized by Garden Committee, Daulat Ram College, University of Delhi on 14th -15th September, 2022.
- **Workshop** on “Capacity Building Workshop Series 1- Mushroom Cultivation organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 28th September 2022.
- **Workshop** on “Capacity Building Workshop Series 2- Intellectual Property Rights (IPR), organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 17th January 2023.
- **Workshop** on ““Learning gardening techniques: A step towards entrepreneurship–Series II- Developing a Herbal Garden: Nature to Nurture with Ayurveda” organized by Garden Committee, Daulat Ram College, University of Delhi on 10th February, 2023.
- **Workshop** on “Learning gardening techniques: A step towards entrepreneurship– Series III- Bonsai and Penjing” organized by Garden Committee, Daulat Ram College, University of Delhi on 12th April, 2023.
- **Faculty Development Programme** on Moocs and E-content Development organised by Guru Angad Dev Teaching Learning Centre under PMMMNMTT, Ministry of Education, SGTB Khalsa College, University of Delhi from 25th- 31st May 2023.
- **Faculty Development Programme** on “Unlocking Digital Pedagogies: ICT in Academics” organised by Mahatma Hansraj Faculty Development Centre (MHRFDC), Hansraj College, University of Delhi from 26th September- 1st October 2023.

- **National Workshop** on Urban Heat Island & Spreading Awareness on Emerging Challenges of Air Pollution and Climate Change on Human Health in Urban Ecosystem ” organised by Organized by: Environmental Pollution Laboratory, Department of Environmental Studies, University of Delhi, Delhi, India

In collaboration with: Delhi University Botanical Society & Department of Botany, University of Delhi, Delhi, India Sponsored by: Department of Science and Technology, Government of India on August 5-6, 2024.

- Workshop on "High Tech Laboratory Equipment's for Future Research" held on 11th February 2025 at Daulat Ram college, University of Delhi.
- Member of the Appraisal Committee for the Two-Day National Workshop on “RISE AND RESPOND: YOUTH FOR A DISASTER RESILIENT FUTURE” organized in collaboration with the National Institute of Disaster Management, Ministry of Home Affairs, Government of India, held on 16-17 April, 2025.
- One Week Faculty Development Programme (Hybrid Mode) on “**Insights into Plant Reproductive Ecology**” (01st - 08th September, 2025) under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi in collaboration with Department of Botany, Hansraj College.
- Two-Day National Workshop on “RISE AND RESPOND: YOUTH FOR A DISASTER RESILIENT FUTURE” organized by SGGSCC University of Delhi in collaboration with the National Institute of Disaster Management, Ministry of Home Affairs, Government of India, held on 16-17 April, 2025.
- Participated in One Day Training Programme on “Rainwater Harvesting” organised by Mahatma Gandhi Institute for Combating Climate Change held on 7th August 2025.