




DEPARTMENT OF BOTANY
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



Title	DR	First Name	NELLIE	Last Name	LAISRAM	Photograph
Designation	ASSISTANT PROFESSOR					
Address	E1B, GROUND FLOOR, VIJAY NAGAR, SINGLE STOREY, DELHI-110009					
Phone No	Office					
Residence						
Mobile	9818482337					
Email	nellielaisram.botany@dsc.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D	University of Delhi, Delhi				2009	
M.Phil	University of Delhi, Delhi				2000	
M.Sc	Jiwaji University, Gwalior				1998	
B.SC	Manipur University, Manipur				1995	
Career Profile						
<p>Dr Nellie Laisram graduated from Manipur University, Manipur. She did her post- graduation from Jiwaji University, Gwalior and obtained her M. Phil degree in Botany from the University of Delhi, Delhi on the dissertation entitled “Cellular and Molecular Cytogenetics of the genus <i>Carthamus L.</i> under the supervision of Prof. S.N. Raina. Her Doctoral degree in Botany from the University of Delhi under the supervision of Prof. Ved Pal Singh on the thesis entitled “Studies on Microbial Antagonism: Application of Soil Bacteria Showing Biocontrol Potential Against <i>Fusarium spp.</i>” was awarded the “Prof. N.S. Rangaswamy Medal-2009” for the Best Ph. D thesis in Botany-2009.</p> <p>During her Ph. D, she participated in many conferences and seminars. She was awarded the “Jwala Prasad Award” for the Best Speaker at the International Conference held at Varanasi on the topic “Isolation and Screening of Antagonistic Strains of Bacteria against <i>Aspergillus flavus</i> and <i>Fusarium spp</i>”. In: International Symposium on Integrated Management of Fungal Diseases (IMF): Technology, Development and Application, February 24-25, 2005. She also received the 2nd Best poster award at the National Symposium on Biodiversity, Biotechnology and Man: Interdependence and Future Challenges, 26-28 March, 2010 held at Govt. P. G. College, (HNBGU) Lansdowne, Pauri Garhwal, Uttrakhand on the topic “Biocontrol potential of <i>Pseudomonas fluorescense</i> against <i>Fusarium spp</i>”.</p> <p>She started her teaching career as a Guest faculty in Miranda House, University of Delhi, Delhi from August 3, 2009- March 23, 2010. She then joined S.G.T.B Khalsa College, University of Delhi as Assistant Professor (Adhoc) from October 21, 2010- June 7, 2011. She was then appointed as Assistant Professor (Adhoc) at Dyal Singh College, University of Delhi, Delhi from September 21, 2011 and since then she has been teaching in the Department of Botany. She joined as a permanent faculty in the Department of Botany, Dyal Singh College on May 20, 2023.</p> <p>She was a Co-Investigator in the Innovation project DSC 202, “Screening of Local</p>						

Anaesthetics for antifungal/antimicrobial activities” sanctioned by the University of Delhi, 2014-2015. An e-lesson “Monocot and Dicot Root” 2015 was also developed under MHRD project “National Mission on Education Through ICT” Discipline: Botany Paper: Plant Anatomy Lesson Developer: **Dr Nellie Laisram**, Dr Anita Rani and Dr AK Maurya Department of Botany, Dyal Singh College.

Dr Nellie also delivered a talk on “**Biological Control of Plant Pathogens**” at Dhanamanjuri University, Manipur on 15th June, 2019 for the P.G students.

She was awarded the ‘**DD Koshambi Teacher-mentor award, 2019**’ for her contribution to collaborative biology research, CUBE by Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research, Mumbai.

She is also involved as a Resource person for the creation and development of 10 videos for the course **TS-5: Ecology, Environment and Tourism** MOOCs offered by School of Tourism and Hospitality Services Management on SWAYAM platform of Government of India, 2021-2022.

Administrative Assignments (From 1st July 2019 onwards)

- i) Convenor, Purchase and Instrument maintenance, Department of Botany, Dyal Singh College for the session 2024-2025.
- ii) Convenor, Grievance and Discipline, Department of Botany, Dyal Singh College for the session 2024-2025.
- iii) Convenor, moderation committee, Department of Botany, Dyal Singh College for the session 2024-2025.
- iv) Member, College Garden Committee, Dyal Singh College, University of Delhi for the session 2024-2025.
- v) Member, Academic committee, Department of Botany, Dyal Singh College for the session 2024-2025.
- vi) Co-convenor, Time-table committee, Department of Botany, Dyal Singh College for the session 2024-2025.
- vii) Co-coordinator, Alumni committee, Department of Botany, Dyal Singh College for the session 2024-2025.
- viii) Convenor for Workshop on “**Exploring Opportunities in Organic Farming and Vermicomposting**” held on October 26, 2023 at Department of Botany, Dyal Singh College University of Delhi
- ix) Convenor, **Admission Committee** (2023-2034) B.Sc (Hons.) Botany, Department of Botany, Dyal Singh College.
- x) Nodal person, **Science SETU** programme, a bridge programme between National Institute of Immunology (NII) New Delhi and Dyal Singh College, University of Delhi.
- xi) Member, **College Garden Committee** (2023-2024), Dyal Singh College, University of Delhi.
- xii) Member, **North East Cell**, Dyal Singh College (2023-2024), University of Delhi.
- xiii) Member, organizing committee in the National Seminar on “**Recent Trends in Life Science Entrepreneurship in the Era of G20**” organized by Department of Botany, Dyal Singh College, University of Delhi on April 15, 2023.
- xiv) **Member, Admission Committee**, 2022-23, Department of Botany, Dyal Singh College.
- xv) **Member, External Logistics NAAC peer team visit-** August 30-31, 2022, Dyal Singh College.

<p>xvi) Co-convenor, Alumni Association, 2021-2022, 2022-2023, 2023-2024 Department of Botany, Dyal Singh College.</p> <p>xvii) Convenor, Botanical Society, 2021-22, Dyal Singh College, University of Delhi.</p> <p>xviii) Member of the Organizing Committee on the National Seminar on “Intellectual Property Rights: Copyright and Bio piracy Issues”. September 17, 2021, Dyal Singh College, University of Delhi.</p> <p>xix) Co-convenor, Botanical Society 2015, 2017, 2018, 2019, 2020 Dyal Singh College, University of Delhi.</p> <p>xx) Member, organizing committee in the “National Symposium on Bioimaging”, February 19, 2020 organized by the Department of Botany, Dyal Singh College, University of Delhi</p> <p>xxi) Co-convenor in One day workshop on “Recent Trends in Plant Systematics and Future Prospects”, March 12, 2019 organized by the Department of Botany, Dyal Singh College, University of Delhi</p>
<p>Areas of Interest / Specialization</p> <p>INDUSTRIAL MICROBIOLOGY & ETHNOBOTANY</p>
<p>Subjects Taught</p> <p>Anatomy of Angiosperms, Industrial & Environmental Microbiology, Plant Systematics, Medicinal Botany, Ethnobotany, Analytical Techniques in Plant Sciences, Phycology & Microbiology, Biodiversity, Plant Anatomy & Embryology. Plant Diversity and Evolution, Plant Diversity and Systematics, Plant Cell and Developmental Biology, Ayurveda and Nutrition.</p>
<p>Research Guidance</p> <p>Mentored 20 students for “Summer Internship Programme” from July 01 to 15th, 2019 on the topic, “Isolation and screening of bacterial and fungal strains from the rhizosphere of various plants and screening for their antagonistic potential against plant pathogens and ability to degrade soil pollutants” at Dyal Singh College, University of Delhi.</p>
<p>Publications Profile</p> <p>(Mention total no. and details from 1st July 2019 onwards only)</p> <ul style="list-style-type: none"> • Laisram N, Rahman Z and Singh VP. 2023. Antagonistic activity of <i>Pseudomonas fluorescens</i> Strain X1 against different Fusaria and it's in vivo analysis against <i>Fusarium udum</i> infected Pigeon pea. Current Microbiology. 80. Article no: 98. • Laisram N. 2019. Ethnomusicology. In: Ethnobotany Vol. 2. Pp. 206-214. ISBN 10:819338055X pp. 206-214.
<p>Conference Organization/ Presentations (From 1st July 2019 onwards)</p> <p>i) Participated in the Workshop and Hands on Training on “Bio-entrepreneurship in Hydroponics” jointly organized by Delhi University Botanical Society, Department of Botany, University of Delhi and Institute of Horticulture</p>

	<p>Technology (IHT) Greater Noida on October 4th and 5th, 2024</p> <p>ii) Participated in the workshop on “Bonsai Style and Design for Beginners” organized by Department of Botany, Hindu College, University of Delhi on August 12 and 14, 2024.</p> <p>iii) Attended the “World Nature Conservation Day” online organized by Phytomics-The Botanical Society, Bhaskaracharya College of Applied Sciences on July 28, 2024.</p> <p>iv) Participated in a two-day workshop on “Genomics and Proteomics workshop for Science Faculty” at Ramjas College, University of Delhi held from May 21-22, 2024.</p> <p>v) Presented a poster in the Standee competition at the 66th Annual Flower Show, University of Delhi on the theme “Women Nurturing Nature-A Celebration of Synergy and Sustainability”. Dr Nellie Laisram and Varisha Amir. Dyal Singh College, University of Delhi. March 01, 2024.</p> <p>vi) Attended National Conference on “Advances in Plant Biology (APB 2024): Innovations and Strategies for Sustainable Agricultural Productivity for Viksit Bharat@2047” organised by Department of Botany in collaboration with Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College under the aegis of Malaviya Mission Scheme, UGC on February 10, 2024.</p>
Research Projects (Major Grants/Research Collaboration) (From 1st July 2019 onwards)	
<p>NA</p>	
Awards and Distinctions (From 1st July 2019 onwards)	
<ul style="list-style-type: none"> • Awarded the ‘DD Koshambi Teacher-mentor award, 2019’ for contribution to collaborative biology research, CUBE by Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research, Mumbai 	
Association With Professional Bodies	
<ul style="list-style-type: none"> • Life-member of International Society of Plant Morphologists. • Life-member of Delhi University Botanical Society (DUBS). 	
Other Activities like MOOCs/ Patents etc. (From 1st July 2019 onwards)	
<ul style="list-style-type: none"> • Involved as a Resource person for the creation and development of 10 videos for the course TS5: Ecology, Environment and Tourism MOOCs offered by School of Tourism and Hospitality Services Management on SWAYAM platform of Government of India, 2021-2022 	

Nellie Laisram

Signature of Faculty Member