




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



Title	DR.	First Name	NEERU	Last Name	BHAN-DARI	Photograph
Designation	Associate Professor					
Address	A-450 SARITA VIHAR NEW DELHI. 110076 Department of Botany Dyal Singh College University of DELHI Lodi Road New Delhi-110003					
Phone No Office	24367819					
Residence	1140634692					
Mobile	9818693030					
Email	neeru3030@yahoo.in neerubhandari@dsc.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
BSc Hons Botany	Hindu College University of Delhi				1982	
MSc botany	Hindu College University of Delhi				1984	
M Phil Botany	Department of Botany University of Delhi				1985	
Phd Botany	Department of Botany University of Delhi				1990	
Career Profile						

Dr. Neeru Bhandari graduated from Hindu College, in 1982, and did her M.Sc.(1984), M.Phil. (1985) and Ph.D. (1989) from University of Delhi. Her Ph.D. thesis entitled “Ultrastructural and Histochemical studies on seed development in *Sesbania speciosa* Taubart Ex Engler” was submitted to the Department of Botany, University of Delhi. She was a Senior Research Fellow of Council of Scientific and Industrial Research (CSIR) from January 1987 to December 1989, and Research Associate (CISR) at Department of Botany, University of Delhi, from July 1990 to September 1991.

Dr. Bhandari started her teaching career as lecturer (Adhoc) in Department of Botany, Hindu College, during the academic session 1989-90. She joined Dyal Singh College in 1991 and since then has been teaching undergraduate students courses on Cell Biology, Cell and Molecular Biology, Genetics, Economic Botany and Reproductive Biology. She has published 15 research papers and 2 popular articles. She was associated with DU Innovation Research Project 2013-15, project code DSC201 on the topic, “Removal of toxic chemicals from laboratory effluents using green technologies”, as a coproject investigator. She presented Poster on the topic ;Removal of Toxic Metals using Phytoremediation by *Eichhornia crasipes* and *Salvinia* sp at DST-SERB supported National Conference on Climate Change ;Impacts,Adaptation,Mitigation Scenario and Future Challenges in Indian Perspective March 2015 She was the Staff Advisor of the workshop for teachers on “Recent Trends in Plant Systematics and Future Prospects”, organised by Department of Botany, Dyal Singh College, in March, 2019. She was Co-mentor for Bsc(H)Botany and BSc Life Sciences students during Summer Internship held from July 1,2019 to July15,2019 in the area of Microbiology.

She served as Member Organizing Committee in National Symposium on Bioimaging,organised by the Department of Botany ,Dyal Singh College,University of Delhi,in February 2020 She was the Convener of National Seminar on ‘Intellectual Property Rights; Copyright and Biopriacy issues’Organized by Department of Botany,Dyal Singh College,University of Delhi September 17,2021

She has participated in three international, four national conferences, ten workshops ,three-Faculty Development Programs and more than forty Webinars. She has been a convener of Screening Committee for Botany in her college in 2014 and 2015, Member of Central Screening Committee for Botany, University of Delhi in 2017 and Member of Screening Committee for Zoology in her college in 2020

Convener Screening Committee for Humanities ,for Promotion to Associate Professor February 2021 to June 2021

She has been associated with various academic bodies/societies as

- Life member, Forum for Science and Peace Development
- Member, International Society of Plant Morphologists
- Member, Delhi University Botanical Society
- Member, Committee of Courses and Studies for Undergraduate Studies in Botany 2001 and 2009
- Member, Syllabus Setting Committee for certificate course on Energy and Environment (1993), started by CPDHE and is currently discharging responsibilities as
- Member, Syllabus Setting and Improvement Committee for CBCS courses
- Member, Expert committee meeting to design and develop the elective course of Botany

Administrative Assignments (From 1 st July 2017 onwards)
<ul style="list-style-type: none"> • 2017 : Member of Central Screening Committee of Botany University of Delhi • 2017-18 : Worked as Convener Admission Committee of Department of Botany BSc Hons Botany, Board of Paper Setters University of Delhi • 2017-18 : Worked as Practical Superintendent of Department of Botany • 2018-19 : Worked as Teacher in charge of Botany Department ,Member expert committee to design and develop the elective course of Botany entitled Cell and Molecular Biology in IGNOU • 2019 -20 : Worked as Convener of Library committee of Botany Department ,Member Syllabus Setting and improvement Committee for CBCS Courses,Member Managing Committee of Kendriya Vidyalaya Pragti Vihar Lodi Road • 2020-21 : Worked as Convener Botanical Society, Member of Screening Committee of Zoology Convener Screening Committee of Humanities for promotion to Associate Professor ,Member Managing Committee of Kendriya Vdyalaya Lodi Road , Member Committee for preparing guidelines for Theory and Practical Exam of Paper 7 Genetics LOCF,,OBE Exam Duty and Evaluation • 2021-22; Worked as Convener Library Committee of Botany Department ,Member Managing Committee of Kendriya Vidyalaya Pragti Vihar Lodi Road, Member Purchase and Instrument Maintenance Committee,Coordinator Alumnae Association,Coordinator to organise Remedial classes Member Sub committee of Library for NAAC,Convener, National Seminar on Intellectual Property Rights;Copyright and Biopriacy issue
Areas of Interest / Specialization
Plant Reproductive Biology Cell Biology , Genetics , Economic Botany
Subjects Taught
Biomolecules and Cell Biology, Cell and Molecular Biology , Genetics , Economic botany and Biotechnology
Research Guidance
Publications Profile (From 1 st July 2017 onwards)

Pandit, M. A.; Kumar, J.; Gulati, S.; Bhandari, N.; Mehta, P.; Katyal, R.; Rawat, C. D.; Mishra, V.; Kaur, J.; Major Biological Control Strategies for Plant Pathogens. *Pathogens* 2022, 11, 273, <http://doi.org/10.3390/pathogens11020273>

Pandit M A , Gualti S, Bhandari N , Tarekeshwar, Mehta P, Katyal R, Rawat C D Kaur J. Sustainable Management Strategies and Biological Control in Apple Orchards - Indian Perspective. *Plant Science Today* 9(2); 443-453. <http://doi.org/10.14719/pst.1547>

Gulati, S Chitralakha, P; Pandit, M A ; Katyal R, Bhandari, N; Mehta, P ; Rawat, C D; Kaur, S; Kaur, J;

Diversity, Succession, and Seasonal Variation of Phylloplane Mycoflora of *Leucaena leucocephala* in Relation to its Leaf Litter Decomposition *J of Fungi* 2022, 8, 608. <http://doi.org/10.3390/jof8060608>

Conference Organization/ Presentations (From 1st July 2017 onwards)

- Staff advisor for workshop on Recent Trends in plant systematics and future prospects (March 12 2019, organised by the department of botany, Dyal Singh College, University of Delhi)
- Organised first alumni meet on 30 March, 2019 as teacher in charge of Department of Botany, DSC, University of Delhi
- Co-mentor for BSc (Hons) Botany and BSc Life Sciences student during summer internship held from 1st July to 15th July 2019 in the area of microbiology by Department Of Botany, Dyal Singh College, University of Delhi
- Member, Organising committee in National Symposium on “Bioimaging” organised by the Department Of Botany, Dyal Singh College, University of Delhi on 19th February 2020
- Member, Organising committee for the webinar on Biodiversity and Man organised by the department of botany, Dyal Singh College, University of Delhi in collaboration with Society for Ecological Research and Natural Resource Management SERNRM on June 5th 2020
- Convenor for Inaugural Lecture/Webinar of Botanical Society on developing scientific temper with lesson from nature on November 10th 2020
- Convener for National Seminar on Intellectual Property Rights ; Copyrights and Biopriacy Issues, 17 September 2021.

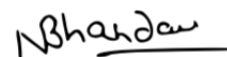
Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards)

Awards and Distinctions (From 1st July 2017 onwards)

Association With Professional Bodies

- Member, Syllabus Setting and Improvement Committee for CBCS courses LOCF Courses
- Convener ,Member for making course content (Theory and Practicals)DSE,SEC ,GE, AND CORE PAPER,NEP 2022
GE paper ; Industrial and Environmental Microbiology
Core paper ; Genetics and Plant Breeding.
DSE paper ; Evolutionary Biology of Plants
- Member, Expert committee to design and develop the elective course of Botany entitled Cell and Molecular Biology, in IGNOU
- Member, Managing Committee of Kendriya Vidyalaya, Pragati Vihar

Other Activities like MOOCs/ Patents etc. (From 1st July 2017 onwards)



Signature of Faculty Member