



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



Title	Dr.	First Name	Poonam	Last Name	Mehta	Photograph
Designation	Associate Professor					
Address	Department of Botany Dyal Singh College Lodhi Road New Delhi					
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Residence	26591996					
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Web-Page						
Educational Qualifications						
Degree	Institution				Year	
BSc (H) Botany	Kirori Mal College, Delhi University				1979	
MSc Botany	Department of Botany, Delhi University				1981	
MPhil.	Department of Botany, Delhi University				1982	
PhD	Department of Botany, Delhi University				1987	
Career Profile						
<p>Dr. Poonam Mehta graduated from Kirori Mal College in 1979. She completed her postgraduation in 1981, followed by M.Phil. in 1982 and Ph,D, in 1987. She is a recipient of Junior and Senior Research Fellowship from Council of Scientific and Industrial Research (CSIR). She did her post-doctoral research from University of British Columbia (UBC), Vancouver, Canada. She was also awarded Research Associateship from CSIR. Dr. Mehta joined Dyal Singh College in 1991. She has been associated with various syllabus revision as well as college administration committees. She has published 20 research papers in reputed national and international journals of high impact factor. She has participated in various seminars, workshops, faculty development programmes and conferences. She has also been a National Jury Member of Innovation in Scientific Pursuit for Inspired Research (INSPIRE) programme of Department of Science and Technology (DST). She served as a member of the organizing committee of National Symposium on Bioimaging organized by Department of Botany, Dyal Singh College. She was the covenor of National Seminar, on Intellectual Property Right. She has been associated with various academic bodies and societies.</p> <p>Life Member, Forum for Science and peace development</p> <p>Member, Delhi University, Botanical Society.</p> <p>Member, committee of courses for undergraduate studies in Botany.</p> <p>Member, Expert Committee for designing and developing elective course of Botany under NEP.</p>						
Administrative Assignments (From 1st July 2017 onwards)						
2017-18. Teacher Incharge of Botany Department. Convenor Academic Committee and Co-covenor admission committee for Life science						
2018-19. Convenor academic committee. Member, Grievence and Discipline Committee. Teacher Mentor, Botany Hons. students 1st year.						
2019-20 Teacher Mentor, Botany Hons. - Semester 1 students, Co- Convenor Admission Committee – Botany Hons.						
2020-21. Convenor academic committee, Co-covenor Time Table Committee. OBE Exam Duty						

and Evaluation.

2021-22. Co- Convenor Admission Committee – Botany Hons. Member, Instrument and Maintenance Committee. Teacher Mentor for Botany Hons. 1st year students. Teacher Mentor for Life Science students, Semester V. Convenor for organizing National Seminar on Intellectual Property Right, Copy Rights and Bio-piracy Issues.

Areas of Interest / Specialization

Tissue Culture, Ecology, Environment Management and Cell Biology

Subjects Taught

Ecology, Cell and Molecular Biology. Environmental Biotechnology. Biomolecules and Cell Biology.

Research Guidance
Publications Profile (From 1 st July 2017 onwards)
<p>1. Pandit, M.A.; Kumar, J.; Gulati, S.; Bhandari, N.; Mehta, P.; Katyal, R.; Rawat, C.D.; Mishra, V.; Kaur, Jasleen. Major Biological Control Strategies for Plant Pathogens. Pathogens (ISSN 2076-0817) 2022, 11, 273. https://doi.org/10.3390/pathogens11020273. IF 3.018.</p> <p>2. Pandit M A, Gulati S, Bhandari N, Tarkeshwar, Mehta P, Katyal R, Rawat C D, Kaur Jasleen, Sustainable Management Strategies and Biological Control in Apple Orchards – Indian Perspective. Plant Science Today 9(2):443–453. (eISSN: 2348-1900) https://doi.org/10.14719/pst.1547.</p> <p>3. Gulati, S.; Chitralkha, P.; Pandit, M.A.; Katyal, R.; Bhandari, N.; Mehta, P.; Rawat, C.D.; Kaur, S.; Kaur Jasleen. Diversity, Succession and Seasonal Variation of Phylloplane Mycoflora of Leucaena leucocephala in Relation to Its Leaf Litter Decomposition. Journal of Fungi (ISSN 2309-608X) 2022, 8, 608. https://doi.org/10.3390/jof8060608 IF: 5.816.</p>
Conference Organization/ Presentations(From 1 st July 2017 onwards)
<ol style="list-style-type: none"> 1. Member Organizing Committee, Webinar on Biodiversity and Man, Organized by Department of Botany Dyal Singh College in collaboration with Society for ecological research and natural resource management SCRNRM, June 5, 2020. 2. Member Organizing Committee, National Symposium on Bio-imaging, organized by Department of Botany Dyal Singh College, 19 Feb. 2020. 3. Convenor National Seminar on Copyright and Bio-piracy Issues, Organized by Department of Botany Dyal Singh College Sep. 17 2021. 4. Participated in Workshop on ‘Air Quality Monitoring, June 25 2019, Workshop organized by Centre for Research on Clean Air. 5. Participated in Conference on Stubble Burning, September 20, 2019, IIT Delhi. 6. Participated in National seminar on integrated approach for management of cancer, 12-13 Jan 2020, Organized by All India Institute of Ayurveda. 7. Participated in CSE webinar of fly-ash utilization in India, 10 March 2021, organized by Centre of Science and Environment.
Research Projects (Major Grants/Research Collaboration) (From 1 st July 2017 onwards)
Awards and Distinctions (From 1 st July 2017 onwards)
Association With Professional Bodies
Member, Botanica, Published by Department of Botany, Delhi University
Other Activities like MOOCs/ Patents etc. (From 1 st July 2017 onwards)

Poonam Mehta
Signature of Faculty Member