



**DEPARTMENT OF _BOTANY_
DYAL SINGH COLLEGE, UNIVERSITY OF
DELHI**



FACULTY DETAIL

Title	Dr.	First Name	Chitralekha	Last Name	P.	Photograph
Designation		Associate Professor				
Address		09 Dakshinapuram, JNU Campus, New Delhi 110067				
Phone No Office		24367819				
Residence Mobile		- 9910687801				
Email		pchitralekha@dsc.du.ac.in, p_chitralekha@yahoo.co.in				
Web-Page		-				
Educational Qualifications						
Degree		Institution			Year	
B.Sc.(H) Botany		University of Delhi			1979	
M.Sc. Botany		University of Delhi			1981	
M.Phil.		University of Delhi			1982	
Ph.D.		University of Delhi			1987	
Career Profile						
<p>Permanent teacher in Department of Botany, Dyal Singh College, University of Delhi, since January, 1993. Temporary lecturer in Department of Botany, Maitreyi College, University of Delhi, from August, 1991 to December, 1992. Research Associate (C.S.I.R.) in Department of Botany, University of Delhi from March, 1989 to July, 1991. Research Associate in National Bureau of Plant Genetic Resources, from October, 1988 to February, 1989.</p> <ul style="list-style-type: none"> ● Have been teaching undergraduate students plant reproductive biology, cell biology, analytical techniques, plant taxonomy, plant metabolism and plant biotechnology. ● Authored 10 research publications, and prepared two laboratory manuals along with a glossary of taxonomic terms for undergraduate students; three text modules for MOOCs for senior secondary school education, have been developed by her, facilitated by CIET, a constituent of NCERT. ● Paper presented at the International Botanical Congress, Berlin, (1987), and at the XI international Symposium on "Embryology and Seed Reproduction", at Leningrad (1990). ● Convened a workshop for teachers in 2015, on "Reproductive Biology of Angiosperms". ● Identified trees in Dyal Singh College campus and created an eflora. ● Nodal person of Science Setu programme, a bridge program between National Institute of Immunology, Delhi, and Dyal Singh College. Since the inception of the program in 2015, have facilitated more than 45 students to intern with scientists at NII. ● An active participant in CUBE (Collaboratively Understanding Biology Education) program, an initiative of HBCSE (Homi Bhabha Centre for Science Education) which is a National Centre for TIFR (Tata Institute of Fundamental Research), Mumbai. ● Mentored 20 undergraduate students of Delhi University, in the 2019 summer internship program on microbiology organised by Dyal Singh College. ● Was conferred with the Distinguished Teacher Award in 2009, by University of Delhi, the D.D. Kosambi CUBE Award 2018 and D.D. Kosambi CUBE Award 2019, by HBCSE, Mumbai, for cultivating scientific temper by remodelling the curriculum at delivery stage, and the Anil Sadgopal CUBE Award 2019 & 2020 for popularization of science. 						
Administrative Assignments (From 1st July 2017 onwards)						
<p>Additional Secretary in the Executive Council (2020-2025) of International Society of Plant Morphologists. Member, College Garden Committee for the academic sessions 2019-2020 and 2020-2021. Convener of student admission (2020) in the Department of Botany, Dyal Singh College.</p>						

Teacher In-charge of Botany Department of Dyal Singh College from May, 2019 to April, 2020. Convener of student admission (2018) in the Department of Botany, Dyal Singh College. In charge of garden and museum of Department of Botany, Dyal Singh College, for the academic session 2017- 2018.
Areas of Interest / Specialization
Plant reproductive biology, Plant structure, Analytical techniques, Plant physiology and metabolism.
Subjects Taught
Plant reproductive biology, Cell biology, Plant metabolism, Plant identification and classification, Plant biotechnology and Analytical techniques.
Research Guidance
NA
Publications Profile (From 1st July 2017 onwards)
NA
Conference Organization/ Presentations (From 1st July 2017 onwards)
Staff adviser in the 'National Symposium on Bioimaging', organized by Department of Botany, Dyal Singh College, on February 19, 2020. Member of organizing committee for workshop on "Recent Trends in Plant Systematics and Future Prospects", organized by Department of Botany, Dyal Singh College, on March 12, 2019.
Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards)
None
Awards and Distinctions (From 1st July 2017 onwards)
(i) D.D. Kosambi CUBE Award 2018 , for cultivating scientific temper by modeling the curriculum at the delivery stage, conferred by Homi Bhabha Centre for Science Education, TIFR, Mumbai. (ii) D.D. Kosambi CUBE Award 2019 , for cultivating scientific temper by modeling the curriculum at the delivery stage, conferred by Homi Bhabha Centre for Science Education, TIFR, Mumbai. (iii) Anil Sadgopal CUBE Award 2019 , for popularization of science & cultivation of scientific temperament, conferred by Homi Bhabha Centre for Science Education, TIFR, Mumbai. (iv) Anil Sadgopal Award for popularization of science & contribution to science outreach 2020 , conferred by Homi Bhabha Centre for Science Education, TIFR, Mumbai.
Association With Professional Bodies
Life member of "The International Society of Plant Morphologists", and "Association of Teachers in Biological Sciences"
Other Activities like MOOCs/ Patents etc. (From 1st July 2017 onwards)
Mentored 20 students (including students from other colleges) in a Summer Internship Program, "Isolation of bacterial and fungal strains from rhizosphere of various plants and screening for their antagonistic potential against selected plant pathogens and ability to degrade soil pollutants", held from 1st to 15th July, 2019, organized by Department of Botany, Dyal Singh College, under the aegis of Internal Quality Assurance Cell, Dyal Singh College.

P. Chitralekha
Signature of Faculty Member