



Dr.P.Chitralkha

M.Sc. M. Phil. Ph.D. (University of Delhi)

Designation: Associate Professor

Specialization: Plant Reproductive Biology, Plant Biotechnology,
Analytical techniques, Plant taxonomy

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Dr. P. Chitralkha graduated from Miranda House college, Delhi, and received her M.Sc., M.Phil and Ph.D. degrees from Department of Botany, University of Delhi. Her research specialisation is in the field of reproductive biology of higher plants. She was awarded the junior research (UGC) and senior research (CSIR) fellowships. After completing her Ph.D., she worked as a Research Associate, first at National Bureau of Plant Genetic Resources, Delhi, and then at the Department of Botany, University of Delhi.

Dr. Chitralkha began her teaching career as a temporary lecturer in botany at Maitryi College, Delhi. She joined Dyal Singh College in 1993, and has been teaching undergraduate students Plant Reproductive Biology, Cell Biology, Analytical Techniques, Plant Taxonomy, and Biotechnology. She has published 10 research papers, including 8 in international journals, and has prepared two laboratory manuals along with a glossary of taxonomic terms. Her work has been presented in conferences, symposia and seminars including one in international botanical congress and two in international symposia. Three text modules for MOOCs for senior secondary school education, have been developed by her, facilitated by CIET, a constituent of NCERT. She convened a workshop for teachers in 2015, on “Reproductive Biology of Angiosperms”. She has also been instrumental in identification of trees in Dyal Singh College campus and creating the e-flora link in college website as well as in the digitisation of some of the permanent micro-slides in the Department of Botany, University of Delhi and development of e-museum.

Encouraging research at undergraduate level has been Dr. Chitralkha’s enduring passion. She co-investigated and guided undergraduate students in an innovation research project (DS 102) granted by University of Delhi, in 2012-2013. She is the nodal person of Science *Setu*, a bridge program between National Institute of Immunology, Delhi, and Dyal Singh College. Since the inception of the program in 2015, she has facilitated more than 45 students to intern with scientists at NII. She is an active participant in CUBE (Collaboratively Understanding Biology Education) programs. Through CUBE, she has not only advised school and college students from different parts of India in their research but also guided students of Dyal Singh College to undertake simple research projects and present them in CUBE meets and conferences. In the 2019 summer internship program on microbiology, organised by Dyal Singh College, she mentored 20 undergraduate students of Delhi University.

Dr. Chitralkha has received many awards. She was conferred by University of Delhi, the “Distinguished Teacher Award” in 2009, by HBCSE, Mumbai, the “D.D. Kosambi CUBE Award 2018” and “D.D. Kosambi CUBE Award 2019”, for cultivating scientific temper by remodelling the curriculum at delivery stage, and the “Anil Sadgopal CUBE Award 2019”, for popularization of science & cultivation of scientific temperament.

She holds life membership of “The International Society of Plant Morphologists” and “Association of Teachers in Biological Sciences”.