

Teacher Profile

- Name DR. KIRAN PRABHA
- Department BOTANY
- Designation ASSOCIATE PROFESSOR
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Educational Qualifications			
Qualification	Title/Course	University	Year
Undergraduate	B.Sc. Botany Hons.	Delhi University	1973
Postgraduate	M.Sc. Botany	Delhi University	1975
M.Phil.	--	--	--
Ph.D. Botany, "Studies on sporophytic self-incompatibility in Brassicaceae and Convolvulaceae." Delhi University 1983			
Post Doctoral Research			
• UGC Research Associate- "Biochemical aspects of self incompatibility". (Dec. 1983-Aug.1984) Department of Botany University of Delhi.			
• Research Scientist- "Improvement of Forest Trees through tissue culture". (Dec. 1986-May 1987) in PL 480 project. Department of Botany.			

Research Publications:

- **Prabha K.** and Gupta S.C. 1984. Effect of floral age and flowering season on self-incompatibility vigour in *Ipomoea fistulosa*. Beitr. Biol. Pflanzen. 59: 359-366.
- Sood R.; **Prabha K.** and Gupta S.C. 1983. Overcoming self-incompatibility in *Brassica campestris* cv. Pusa Kalyani by bud and delayed pollination. Biol. der. Pflanzen. Physiol. 58: 59-65.

- **Prabha K.**; Sood R. and Gupta S. C.1982. High temperature induced-inactivation of sporophytic self-incompatibility in *Ipomoea fistulosa*. New Phytologist. 92: 115-122.
- Sood R.; **Prabha K.** & Gupta S.C. 1982. Is the rejection reaction inducing ability in sporophytic self-incompatibility systems restricted to pollen and tapetum? Theor. Appl. Genet. 63: 27-32.
- Sood R.; **Prabha K.**; Govil S. & Gupta S.C. 1982. Overcoming self-incompatibility in *Ipomoea cairica* by IAA. Euphytica. 31: 333-339.
- **Prabha, K.**; Sood, R.; Govil, S. & Gupta, S.C. 1981. Overcoming self-incompatibility in *Brassica campestris* by naringenin. Incompatibility Newsletter 13: 52-60 .
- Govil, S.; Sood, R; **Prabha, K.** & Gupta, S.C. 1981. Overcoming self-incompatibility in *Argyreia campanulata* by cycloheximide. Incompatibility Newsletter 13: 61-68.
- Sood, R.; **Prabha, K.** & Gupta S.C. 1980. Overcoming self-incompatibility in *Ipomoea cairica* by GA. J. Indian bot. Soc. 59: (Suppl.): 118.
- **Prabha, K.** & Gupta, S.C. 1979. SDS mobilized sub-parpillar callose deposition in *Brassica campestris* J. Indian bot. Soc. 58 (suppl.) 93-94.

Career profile		
Teaching Experience in years	Area of Specialization	Courses and Subjects taught
31 years	Plant physiology, metabolism and Reproductive Biology.	B.Sc (Hons), B.Sc. Life Science (Physiology, Metabolism, embryology, Env. Science, Taxonomy)

Seminars Organized:

- Organized and convened National symposium on “Our Environment: Sustainable development. Botany Department, Gargi college. Dec. 21-22, 1990.
- Member of Organizing committee, National Seminar on “Recent Advances in Biological sciences” Botany Department, Gargi college Nov. 4-5, 1996.
- Member of Organizing committee, National Seminar on “Recent Advances in Biotechnology.” Botany Department, Gargi college Nov. 4-5, 1999.

Seminars Attended:

- Symposium on Biotechnology and Human Society, organized by IWSA at Daulat Ram College, April 29-30, 1994.
- National Symposium on microbes in Plant improvement and environment protection, organized by Department of Botany, University of Delhi, Dec 23-24, 1997 to commemorate the Golden Jubilee of the Department of Botany, University of Delhi.
- Symposium on “Frontiers in Biomedical research” organized by B.R. Ambedkar Centre for Biomedical research, March 31-April 2, 1998, University of Delhi.
- Symposium on Contribution of Women in Biotechnology, January 1999.
- National seminar on Genetically modified organisms. Biosafety aspects, March 10-11, 2005, Department of Botany, University of Delhi.
- National Symposium on “Biotechnology in the Post Genomic Era, April 9-10, 2009, Department of Biochemical Technology, Sri Venkateshwara College, University of Delhi.
- National Symposium on Frontiers in Plant Molecular Biology, Sept. 27-28th, 2013, Department of Plant Molecular Biology, University of Delhi.

Refresher and Orientation Courses attended:

- Refresher courses in Biochemistry -01 organized by CPDHE, University of Delhi, March 30-April 18, 1990.
- Orientation Courses in Energy and Environment OR-18 organized by CPDHE, University of Delhi, March 30-April 26, 1993.
- Refresher courses in low cost instrumentation organized by CPDHE and Chemistry Department, University of Delhi, May 7-14, 1993.
- Orientation Course in Education OR-24 organized by CPDHE and Gargi College, Academic session, 1994-95.

- Orientation Programme on “Role of e-technology in academic research and teaching learning interaction held at Gargi College, University of Delhi, 8-9th Dec. 2011.

Workshops Attended:

- Workshop on Environment management of Water-Borne Diseases organized by Department of Environmental Biology and Microbiology, October 29, 1999.
- Workshop on Instrumentation Organized by Jawaharlal Nehru University, February 7-14, 2000.
- Workshop on “Biosystematics” (14 days) organized by the School of Environmental Studies, University of Delhi, March 2001.
- Workshop on “The New Botany syllabus- Challenges ahead” organized by the Centre for Science Education and Communication, University of Delhi, from March 29th to 8th April, 2004.
- Workshop on “Bioresources and Biotechnology in sustainable development”- organized by CEMDE, University of Delhi, January 23-6th February, 2006.
- Workshop on “Reproductive Biology of Angiosperms” held on 16th & 17th March, 2015 organized by Centre for Professional Development in Higher Education, organized by Organized by Institute of Life Long Learning, UDSC and Department of Botany, Dayal Singh College, D.U

Workshops Organized:

- Experimental workshop for third year botany Hons students (2006-07 academic year) under CPE programme.
- Summer workshop, 2009.
- Work shop for Laboratory staff of Gargi college on Familiarization with common plants in Gargi College (August 2013).
- Summer workshop on Interdisciplinary Sciences for the students of Gargi College (May 26-31, 2014).
- Summer workshop on Plant Tissue Culture Techniques (16th June, 2015)

Areas of Interest:

Academic: Plant Physiology, Plant metabolism, Reproductive Biology and Environment Science

Non Academic: Contribution in various activities and programmes of the college.

Participation in Curriculum Restructuring

- Participated as member of committee of courses and studies for undergraduate studies in Botany, organized in Department of Botany, University of Delhi during 2003-05 and 2013 –15.
- CSES, University of Delhi- 29th March- 8th April, 2004.
- Member Core Committee for Four Year Undergraduate Programme (FYUP) of University of Delhi for restructuring courses of Plant Physiology, Plant Metabolism, Functional Biology and Analytical Techniques.

Corporate Participation at the College:

Contribution to the Gargi College Administration was rendered under following capacities

- Editorial Board of Gargi College Magazine.
- Member of library committee since 1987.
- Member Editorial Board of Gargi College Magazine
- Member College Admission Committee
- Deputy Superintendent Gargi College for Annual University Examination
- Organizing several National level symposium, seminar and Intercollege Botanical Festivals.
- Served as part time Assistant Co-ordinator of Gargi College IGNOU study center.
- Member XII five year plan committee
- Member of study leave committee

Corporate Participation at the Departmental Level

Contributed to Botany Department in the various capacities since 1987 as:

- Teacher-Incharge
- Botany Museum Incharge
- Botany Excursion Incharge
- Student Advisor GCBS
- Participated and contributed in all the departmental Activities organized

Members of Professional Association/s

- Delhi University Botany Society (DUBS)
- Gargi College Botanical Society (GCBS)

Consultancy / Expert on committees

- Assistant Co-ordinator IGNOU for Gargi College Study Centre (Jan 2004-May-2011)

Awards and Scholarships

- Merit Scholarship Centre of Advanced Studies, Department of Botany, University of Delhi for the period 1973-75 during M.Sc.
- UGC-JRF and CSIR- SRF during Ph.D. (1977-onwards till completion)
- UGC research Scientist for post doctoral research (1983).