

Dr. Geeta
Assistant Professor
Department of Botany

Educational Qualifications:

Degree	Subject	University	Year of Passing
B.Sc(H)	Botany	Delhi University	1999
M.Sc.	Botany	Delhi University	2001
PhD	Botany (Plant Molecular Biology & Biotechnology)	Delhi University	2009
Post Doctoral research	Plant Molecular Biology & Biotechnology	NIPGR	2009-2012

Area of Specialization : Plant Molecular Biology and Biotechnology.

Awards and recognition:

Young Scientist Award” (Gold Medal) at National Seminar on “Physiological and Biotechnological Approaches to Improve Plant Productivity”. 15-17 March 2008. (Oral Presentation).

GenBank (Accession number):

Geeta Prakash, Amit Katiyar and Kailash C Bansal FJ971407. Title: Plastidic rps12, trnV and 16SrDNA partial gene sequence of *Datura innoxia*.

Teacher Training Program conducted by XV International Genetics Congress Trust conducted a Workshop on “Genetic Engineering in Plants” for PGT teachers of Biology of Delhi schools at the Indian Agricultural Research Institute, New Delhi on 29th and 30th August, 2008.\

Publications

Genetic Engineering for Osmolyte Overproduction for Abiotic Stress Tolerance in Plants
Geeta, International Journal of Current Research. Vol. 6, Issue,04, pp.6130-6135, April,2014. ISSN:0975-833X.

Metabolic Pathways Engineering: an emerging approach in abiotic stress tolerance in plants.
Geeta Prakash, Suresh Kumar, Khaling Mikawlrwng Journal of Pharmacognosy and Phytochemistry 2014; 3 (1): 104-107 ISSN 2278-4136. ISSN 2349-8234

Abstract and Proceedings

Geeta, Chinnusamy Viswanathan, S Sawhney and Kailash C Bansal 2008. Expression of *E. coli OtsB-A* operon in Brinjal plastids for Enhanced Tolerance to Salt and Water Stress. National Seminar on “Physiological and Biotechnological Approaches to Improve Plant Productivity”, Centre for Plant Biotechnology, Hisar, Haryana, India. (Oral Presentation)

Geeta, Chinnusamy Viswanathan, S Sawhney and Kailash C Bansal 2008. Expression of Dhsp gene Confers Tolerance to Water Deficit and Salt Stress in Tomato (*Solanum lycopersicum*). Golden Jubilee Conference “Challenges and Emerging Strategies for Improving Plant Productivity”.

Kailash C Bansal, Chinnusamy Viswanathan, Deepa Goel, **Geeta Prakash**, Divya. “Transgenic Tomatoes with Enhanced Tolerance to Abiotic Stresses” The 5th Solanaceae Genome Workshop SOL 2008. October 12-16, 2008. Germany.

Kailash C Bansal, Preeti, **Geeta Prakash** et al., 2008: biotechnological approaches for post harvest quality improvement and Value addition in “Proceedings of international conference on Post harvest technology and value addition in cereals, pulses and oilseed, ISAB.

Workshops and Conferences Attended

Poster Presentation

Geeta Prakash, Ajay K Singh, Kailash C Bansal, Chinnusamy Viswanathan. “Expression of *E.coli OtsB-A* operon in chloroplasts for enhanced tolerance to drought and salinity stresses in eggplant (*Solanum melongena*)” The 6th Solanaceae Genome Workshop SOL 2009. Nov 7 -12, 2009. Delhi.

International Symposium on “Plant Signaling and Behavior” held at at Department of Botany, University of Delhi, from 7th-10th March, 2014.

Genomics Workshop organized by Department of Botany, Ramjas College, University of Delhi, from 1st-3rd March 2012. Participated as a Staff Advisor in the workshop.

Biochemistry Workshop organized by Department of Botany, Ramjas College, University of Delhi, from 12th-14th March 2014. Participated as a Staff Organizer in the workshop.

National Seminar on “Relevance of Medicinal Plants in 21st Century”, held at Department of Botany, Ramjas College, University of Delhi, from 10th-11th February, 2015. Participated as a Staff Organizer in the Seminar.