



Faculty Details proforma for DU College Web-site



Title	Dr.	First Name	ANITA	Last Name	THAKUR	Photograph
Designation	Assistant Professor					
Address	Acharya Narendra Dev College, University of Delhi, Govindpuri, New Delhi – 110019					
Phone No Office	011-26412547 ext. 221					
Mobile	9871021236					
Email/ Web-Page	anitathakur@andc.du.ac.in					
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi				2014	
M.Sc.	University of Delhi				2010	
B.Sc. (Hons)	University of Delhi				2008	
Career Profile						
<p>Presently working as associate professor in the department of botany at Acharya Narendra Dev College, University of Delhi. I completed Ph.D. form Department of Botany, University of Delhi in year 2014. The research work highlighted new information on the physiological and biomolecular events associated with seed development in sunflower. Some of the novel findings included: maximum ROS accumulation in young seeds coinciding with high metabolic activity, temporal expressions of ROS scavenging enzymes (SOD, POD and GR) were evident, differential modulation of PKC activity during seed maturation indicating the presence of ‘conventional’ type of PKC which seems to have calcium binding regulatory domain, proteomic analysis of oil body membrane proteins accompanying the onset of desiccation phase during sunflower seed development and physiological significance of PME during seed development.</p>						
Administrative Assignments						
<ul style="list-style-type: none">• Member College Cultural Committee (2015-20).• Member College Academic Events Committee (2015-20).						
Areas of Interest / Specialization						

Subjects Taught
Plant Physiology Archegoniate Environmental Biology Cell Biology Genetics
Research Guidance
Publications Profile
<ul style="list-style-type: none"> • Thakur A and Bhatla SC (2014) A probable crosstalk between Ca²⁺, reactive oxygen species accumulation and scavenging mechanisms and modulation of protein kinase C activity during seed development in sunflower. Plant Signaling and Behaviour. • Thakur A and Bhatla SC (2015) Proteomic analysis of oil body membrane proteins accompanying the onset of desiccation phase during sunflower seed development. Plant Signaling and Behavior.
Conference / Presentations /Workshops
<ul style="list-style-type: none"> • Resource person in a three-day workshop organized in collaboration with National Bal Bhawan, under the aegis of DBT Star College Scheme (2019). • Organizing member for a three-day inter-college RBPT based workshop organized on Microbial Techniques, under the aegis of DBT Star College Scheme (2018). • Resource person in a three-day intra-college RBPT based workshop organized on Microbial Techniques, under the aegis of DBT Star College Scheme (2017). • Member of the organizing committee and participant in “International Symposium on Plant Signaling and Behavior 2014” held at Department of Botany, University of Delhi, New Delhi from 7-10 March, 2014. • Participated in the 'Indo-Italian Conference on Aromatic and Medicinal Chemistry, organized at University of Delhi, 2010. • Participated in 7th Asia-Pacific Conference on Algal Biotechnology, held at Department of Botany, University of Delhi, 2009.
Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions
<ul style="list-style-type: none"> • President Delhi University Botanical Society (DUBS) 2012-13. • Class representative M.Sc. Final (DUBS), 2009-2010. • Class representative M.Sc. Previous (DUBS), 2009-2010. • President Botanical Society, Acharya Narendra Dev College, 2007-2008 • CSIR-JRF/Net (December, 2009, Rank- 220) • Awarded the Runner up Team member in Professor B.M. Johri Shield Paper Presentation Competition 2009-2010. • Awarded "Professor K.M.M. Dakshini Commemorative Medal-2008" for securing highest marks in Ecology in B.Sc.(Honours) Botany examinations 2008 of University of Delhi.
Association With Professional Bodies
Annual member of Delhi university Botanical Society (DUBS).
Other Activities
<ul style="list-style-type: none"> • Active member of the academic events committee of the college organizing the college orientation program for the freshly admitted undergraduate student (2015-19). • Member of the core committee organizing the Annual Day (2015-19). • Core committee member of the Cultural Events Committee organizing the Annual cultural fest of the college (2015-19). • Member of the core committee organizing the Annual Theatre Production in consecutive academic years 2017 and 2018. • Member of the team which organized the educational trip of Botany and life science 2nd-year students to Tirthan, Himachal Pradesh in the academic year 2018 under the aegis of "Explore".

Dr. Anita Thakur
Signature of Faculty Member