




DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	Dr.	First Name	Anju	Last Name	Chhibbar	Photograph
Designation		Assistant Professor (Ad hoc)				
Address		E-95 second floor Kalkaji, New Delhi- 1100119				
Phone No. Office						
Residence		NA				
Mobile		9999691112				
Email		anjuchhibbar@gmail.com				
Web-Page						
Educational Qualifications						
Degree		Institution				Year
Ph.D.		University of Delhi				2002
M.Phil.		NA				NA
PG		University of Delhi				1989
UG		University of Delhi				1987
Any other qualification		B.Ed., M.Ed.				1991, 1993
Career Profile						
<ul style="list-style-type: none"> ➤ Taught XI & XII classes from 16.09.1986 to 09.01.1987 in Kerala Education Society, Sr. Sec. School, Canning Road, New Delhi. ➤ Worked as T.G.T. Biology in Air Force Golden Jubilee Institute, Dhaula Kuan on ad-hoc basis from 04.04.1990 to 18.05.1990. ➤ Worked as T.G.T. Biology in Kalka Public School, Alaknanda from 02.07.1990 to 31.07.1992 and was promoted as P.G.T. Biology on 01.08.1992. The post was served till 07.07.1997. ➤ Worked as a Research Assistant in Centre for Rural Development & Appropriate Technology at I.I.T. Delhi from 12.11.1997 to 16.03.1998. ➤ Worked as a Lecturer in Miranda House, University of Delhi, (as a guest lecturer), w.e.f. 29.07.03 to 14.12.03. ➤ Worked as a Research Associate in a project entitled “Characterization of abiotic stress responses/tolerance and genetic manipulation of mulberry” at Department of Plant Molecular Biology, University of Delhi, South Campus, Dhaula Kuan, New Delhi-110021, from 						

15.12.03 to 31.03.04

- Worked as a Research Scientist in a project entitled “Tissue Culture and Genetic Engineering in Cereals (Rice and Wheat)” in Centre for Plant Molecular Biology at DPMB, UDSC, Dhaula Kuan, New Delhi – 110 021 , from 02.04.2004 to 11.01.2011 .
- Worked as a Lecturer in Miranda House, University of Delhi, (as a guest lecturer), since 21.07.11 to 19.11.11.
- Worked as an ad–hoc Lecturer in Acharya Narendra Dev College , University of Delhi, w.e.f. 12.01.12 to 22.05.12.
- Worked as an ad–hoc Lecturer in DEEN Dayal Upadhyaya College , University of Delhi, w.e.f. 26.07.12 to 15.12.12.
- Presently Working as an ad–hoc Lecturer in Deshbandhu College , University of Delhi, w.e.f. 4.01.2013

Administrative Assignments

Areas of Interest/Specialization

Plant Physiology and Biochemistry
Plant Molecular Biology and Biotechnology
Environmental Studies

Subjects Taught

B.Sc. (H)	B.Sc. (P)	AECC/SEC/GE	
Microbiology and Phycology	Economic Botany and Biotechnology	Environmental studies	
Mycology and Phytopathology	Anatomy and Embryology	Medicinal Botany	
Reproductive biology of angiosperms		Economic Botany and Biotechnology	
Biostatistics		IPR	
Plant Systematics		Environmental Biotechnology	
Plant Biotechnology			
Analytical Techniques in Plant Science			
Molecular Biology			

Research Guidance

List against each head (If applicable):

1. Supervision of awarded Doctoral Thesis
2. Supervision of Doctoral Thesis, under progress
3. Supervision of awarded M.Phil. dissertations
4. Supervision of M.Phil. dissertations, under progress

Publications Profile

List against each head (If applicable) (as Illustrated with examples)

1. Books/Monographs (Authored/Edited)

Biology :The science of Life and Diversity, S.K. Aggarwal, Aparna Gairi Nautiyal, Anju Chhibbar, MEDTECH Publications.

2. Research papers published in Refereed/Peer Reviewed Journals

a) Research papers published in Academic Journals Refereed/Peer Reviewed Journals

- Kumar A. and Bhatla S.C. (2006). Polypeptide markers for low temperature stress during seed germination in sunflower. *Biologia Plantarum* , 50(1): 81-86.
- Khurana P., Vishnudasana D. and Chhibbar A.K. (2008) Genetic approaches towards overcoming water deficit in plants – specific emphasis on LEAS. *Physiology and Molecular Biology of Plants* 14(4) : 277- 298.
- Das M., Chauhan h., Chhibbar A., Rizwanul Haq Q.M. and Khurana P. (2010) High efficiency transformation and selective tolerance against biotic and abiotic stress in mulberry, *Morus indica* cv. K2, by constitutive and inducible expression of tobacco *osmotin* . *Transgenic Research* : DOI 10.1007/s 11248-010-9405-6.
- Checker V.G., Chhibbar A.K. and Khurana P. (2011) Stress-inducible expression of barley *Hva1* gene in transgenic mulberry displays enhanced tolerance against drought, salinity and cold stress. DOI 10.1007/s 11248-011-9577-8.

b) Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals

c)

d) Research papers published in Refereed/Peer Reviewed Conferences

e) Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences

3. Other publications (Edited works, Book reviews, Festschrift volumes, etc.)

- Anju Chhibbar (2014) “Lipids” In *Fundamentals of Biochemistry*, ILL, University of Delhi.
- Vibha Checker and Anju Chhibbar (2014) “Role of biotechnology in Agriculture” In *Plant Biotechnology*, ILL, University of Delhi.
- Sunita Yadav and Anju Chhibbar (2018). “Plant-Virus interactions” in *Molecular Aspects of Plant-Pathogen Interaction*. A. Singh, I. K. Singh (eds.), doi.org/10.1007/978-981-10-7371-7_3

- Khurana P., Chhibbar A., Singla B., Chauhan H., Chaudhary N. and Ratnu V. (2008) Wheat Biotechnology : From Genes to Genomics. In : Utilization of Biotechnology in Plant Sciences, Arya I.D. and Arya S. FRI, Dehradun (India).
- Khurana P., Chhibbar A.K., Sashi V. and Rao U. (2009) Nematode resistance in wheat transgenics expressing potato proteinase inhibitor gene (*pin2*) and its influence on plant yield and nematode fecundity. In : Cereal Cyst Nematodes: Status, Research and outlook. (Eds IT Riley, JM Nicol, AA Dababat) pp. 200-203. (CIMMYT: Ankara , Turkey).

Conference Organization/ Presentations

List against each head(If applicable)

1. *Organization of a Conference: None*
2. *Participation as Paper/Poster Presenter :*
 1. **Attended “National conference on “Advances in environmental sciences and plant Biotechnology” (2013) at Deen Dayal Upadhyaya college, University of Delhi.**

Nature of Participation : Published an article

2. *National Symposium on Improving crop productivity in an Ecofriendly Environment : Physiological and molecular Approaches, Organised by Department of Plant Physiology, Pantnagar , Uttranchal, October,2003*

Nature of Participation : Oral Presentation

3. 2nd International Congress of Plant Physiology, IARI, New Delhi (2003).

Poster presented entitled “Low Temperature induced changes in the expression pattern of amylases and starch debranching enzyme isoforms during seed germination in sunflower.”

Nature of Participation : Poster Presentation

- National conference on “Plant Science Research : Looking beyond 21st century for environmental and agricultural revolution” (2016) at Department of botany, University of Delhi.

Nature of Participation : Poster Presentation

Bela Bhatia and Anju Chhibbar,
Botryococcus braunii- a green source of liquid hydrocarbon fuel.

- National workshop on “Skill Development to Build Clean India” June 7-8, 2018 at Department of botany, University of Delhi.

Nature of Participation : Poster Presentation

Anju Chhibbar and Meenakshi Prajneshu
“Environmental Carcinogenesis”.

B. International

- 4th International workshop on desiccation tolerance and sensitivity of seeds and vegetative plant tissues, South Africa, August,2003

Nature of Participation : Oral Presentation

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

Association With Professional Bodies

- *Editing*
- *Reviewing*
- *Advisory*
- *Committees and Boards*
- *Memberships*
- *Office Bearer*

Other Activities

- **Worked as a resource person in the INSPIRE INTERNSHIP PROGRAMME – 2013-2017, organized by Deshbandhu College, University of Delhi.**
- **Actively participated in organizing the co-curricular activities in the college.**

Dr Anju Kanwar Chhibbar

Signature of Faculty Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.