

ANKITA CHANDOLA
M.Sc. & Ph.D. PLANT PHYSIOLOGY
ASRB (ICAR)-NET, ICAR SRF, UGC FELLOW
Email Id: ankycd@gmail.com
Contact no: +917247842737



CAREER OBJECTIVE

With my sincere, honesty and hardworking nature, seeking a career opportunity in the field of Education and Research to implement the knowledge gained thereby for growth and development of society. It should simultaneously give me an opportunity to make a difference along with my professional and personal growth.

EXPERIENCE – 7 Years

- * Currently, working as an Assistant Professor (Guest Faculty) in Sardar Bhagat Singh P.G. Govt. Degree College, Rudrapur, Udham Singh Nagar *from 07/August/2024 – Present*
- * Worked as an Assistant Professor (Guest Faculty) in Government Degree College, Haldwani City, Uttarakhand *from 03/March/2022 – 20/ July1/2024*
- * Worked as an Assistant Professor (Guest Faculty) in MBGPG College, Haldwani, Uttarakhand. *From 23/Nov-2017 - 10/Jan/2022.*
- * Worked as an Assistant Professor (Guest Faculty) in LBS, Halduchaur, Haldwani, Uttarakhand. *From 16/Nov/2017 - 22/Nov/2017.*
- * Worked as a Counselor at Uttarakhand Open University (UOU). *From Dec 2017 - Jan 2022.*

RESEARCH EXPERIENCE

- * Field and lab experimentation experience during Ph.D. research work at B.H.U. Varanasi, U.P.
- * Experience of **Tissue culture** during my M.Sc. research at G.B. Pant University of Agriculture & Technology, Pantnagar.

FELLOWSHIP/AWARDS

- * Best Oral Presentation Award in International Conference, 2017, held at Kathmandu, Nepal
- * Best Poster Presentation Award in International conference, 2014, held at Lucknow
- * Awarded UGC fellowship for Doctoral research programme (2011-2015)
- * Qualified ICAR-SRF (Non Fellow), 2011
- * Qualified ASRB-NET (ICAR) in the year 2010
- * Recipient of Graduate Research Teaching Assistantship for 2 years (2007-2009)

AREAS OF EXPERTISE

- * Tissue Culture in Medicinal Plant (*Withania somnifera*) and Abiotic Stress
- * **Field Skill:** Laying out experiment, Various Sampling from field, Data collection etc.
- * **Molecular Skill:** Molecular work (SDS-PAGE Protein Profiling).

- * **Biochemical skill:** Various biochemical techniques performed
- * **Statistical Skill:** Data analysis using Statistical Software (SAS).

INSTRUMENT HANDELLING

*Dealt with many physiological and some molecular work-related instruments.

PUBLICATIONS and CONFERENCES

AUTHORS	YR	TITLE WITH FULL REFERENCE	JOURNAL WITH VOLUME & PAGE NUMBER
(i) Research Paper/s (NATIONAL): (01)			
Ankita Chandola, SC Shankhdhar and Deepti Shankhdhar	2011	Effect of growth hormones on seed germination and <i>in vitro</i> culturing of <i>Withania somnifera</i> L. (Dunal)	Journal of Medicinal and Aromatic Plant Sciences 33(4): 457-462
		ISSN No. 0253-7125 (NASS Rating: 4.49)	
(ii) Research Paper/s (INTERNATIONAL): (01)			
Ankita Chandola, Vijai Pandurangam and J.P. Srivastava	2016	Genotypic Variations in Tomato (<i>Lycopersicon Esculentum</i> Mill.) for Acquired Thermotolerance to Temperature Induction Response ISSN No. 0974-1712	International Journal of Agriculture, Environment and Biotechnology 9(4): 649-657
		(NASS Rating: 4.69)	
(iii) Review Article/s (INTERNATIONAL): (01)			
Ankita Chandola and Vijai Pandurangam	2015	Autophagy: Self-Eating Pathway in Plants	Trends in Biosciences 8(7): 1725-1735
		ISSN No. 0974-8431 (NASS Rating: 3.94)	
(iii) Other Publications			
Book Chapters (03)			
Navin Pradhan., R.M. Ram., A.K. Singh., K.K. Jangid., A. Chandola and B. Pant	2015	Seed priming induced stress tolerance in germination seeds.	Novel Innovations & strategies for boosting production & productivity in agriculture. Mahima Research Foundation & Social Welfare. Page no.
		ISBN No. 978-81-926935-4-5	263-269.
Ankita Chandola, Vijai Pandurangam and Kamla Dhyani	2017	Small Heat Shock Proteins: The Thermal Stress Managers	Advances in Plant Physiology. Vol:17. Page no. 71-80
Kamla Dhyani, Ankita Chandola, Shweta Sahni and Alok Shukla	2017	Physiological Approach of Heat Tolerance in Wheat: A Good Tool to Screen Wheat for Heat Tolerance	Advances in Plant Physiology. Vol:17. Page no. 81-95

AUTHORS	YR	TITLE WITH FULL REFERENCE	JOURNAL WITH VOLUME & PAGE NUMBER
Abstract/Seminar/ Extended summary/ Conference (05)			
Ankita Chandola, Vijai Pandurangam and J.P. Srivastava	2013	Screening of tomato genotypes for thermotolerance	In: National conference of plant physiology on “Current Trends in Plant Biology Research”
	2014	Screening of tomato (<i>Lycopersicon esculentum</i> Mill.) genotypes for thermotolerance using Temperature Induction Response (TIR) technique.	In: International conference on Environmental Technology and Sustainable Development: Challenges & Remedies
Ankita Chandola, Deepti Shankhdhar and Vijai Pandurangam	2014	Effect of plant growth hormones on <i>in vitro</i> studies of <i>Withania somnifera</i> (L.) Dunal	In: National conference on Science of Omics for Agricultural Productivity: Future Perspectives
	2014	Photosynthesis and carbon sequestration: A boon of Nature	In: International conference on Novel innovations and strategies for boosting production and productivity in agriculture, held at Banaras Hindu University, Varanasi, U.P. page no.121.
K.K. Jangid, P. Dwivedi, Navin Pradhan, B.Pant and Ankita Chandola	2014	Nitric oxide: Response to Plants under drought stress.	In: International conference on Novel innovations and strategies for boosting production and productivity in agriculture, held at Banaras Hindu University, Varanasi, U.P. page no.144.
Ankita Chandola, Vijai Pandurangam and J.P. Srivastava	2016	Screening of tomato (<i>Lycopersicon esculentum</i> Mill.) genotypes for acquired thermotolerance using temperature induction response	In: National conference on Strategies in Plant Physiological Response for Meeting Challenges in agriculture, held at Banaras Hindu University, Varanasi, U.P.
		(TIR) technique.	page no.109.
Workshop attended (03)			
Participated in Work shop on IACW 2008 mutually organized by KGCCI (Kumaun & Garhwal Chambers of Commerce & Industries) & UCOST (Uttarakhand State Council for Science & Technology) at College of Basic Sciences & Humanities , G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand.			
Participation in workshop on Importance of food processing industry , held on 11th October, 2014 at Banaras Hindu University, Varanasi. U.P.			
Invited speaker in state level workshop on ' NEP EDUCATION POLICY -2020 ADMISSION GUIDELINES IN UNIVERSITIES OF UTTARAKHAND ' held at Governemnt Degree College, Haldwani City, Uttarakhand.			
Conducted many in house departmental workshops on Skill Development Courses in Government Degree College, Haldwani City			
FDP and PDP (01)			
Participated and successfully completed the UGC approved Short-term PDP on ' Implementation of NEP - 2020 for University			

MEMBERSHIP / OTHER ACTIVITIES

*Life member of Prof. H.S. Srivastava Foundation for Science and Society, Lucknow (U.P.)

*Life member of The Indian Science Congress Association, Kolkata, Membership No.L24370

*Thesis topic in Doctor of Philosophy (Ph.D.) (Session2011-2015):

“Temperature Induction Response of Tomato Cultivars in Mitigation of water and heat stress”

*Thesis topic in Master of Science in Agriculture (M.Sc.) (2007-2009):“Physiological and biochemical characterization of *in-vitro* & field grown plants of *Withania somnifera*”

ACADEMIC QUALIFICATION

Passing year	Course	Subjects	Name of the Institution	Board/University	%Marks/ OGPA
2020	M.Sc.	Botany	Uttarakhand Open University	Uttarakhand Open University	76
2016	Ph.D. (Ag)	Plant Physiology	Institute of Agricultural Sciences	Banaras Hindu University	76.8
2009	M.Sc.	Plant Physiology	College of Basic Sciences & Humanities	G. B. Pant University of Ag. & Tech. Pantnagar	75.63
2007	B.Sc.	Zoology, Botany, Chemistry	MBPG college, Haldwani	Kumaun University, Uttarakhand	60
2004	Intermediate	Hindi, English, Physics, Chemistry and Biology	St. Paul's Sr. Sec. School, Haldwani	C.B.S.E.	63.4
2002	High School	Hindi, English, Maths, Science, SST	St. Paul's Sr. Sec. School, Haldwani	C.B.S.E.	65

COMPUTER SKILLS

Three years Advance Diploma in Software Engineering (ADSE) from **APTECH LTD.** (under project 'Shikhar' initiated in collaboration with Uttarakhand Govt). Covered different types of software application & installation, Basic courses, Photoshop, Web designing etc.

HOBBIES & INTEREST

*To learn more & more about latest Lab Techniques.

*Listening songs, Gardening & landscape.

PERSONAL DETAILS

- Date of Birth: 15th Dec 1987
- Father's name: L.M. Chandola
- Marital Status: Married
- Nationality: Indian
- Language known: Hindi & English

Declaration

I hereby declare that the information furnished above is true, complete and correct to the best of my knowledge and belief.

Your's faithfully

A photograph of a handwritten signature in blue ink on a light green background. The signature is written in a cursive style and appears to read 'Ankita Chandola'.

(Ankita Chandola)