

BRIEF CV OF DR. USHA RANA, DEPARTMENT OF BIO & ENVIRON SC.**COBS, CSKHPKV, PALAMPUR –176062 (HP)**

1.	Name	Dr. (Mrs) UshaRana		
2.	Father's Name	Sh. Amar Singh Rana		
3.	Designation	Professor (Plant Physiology)		
	Date of Birth	01.10.1964		
4.	Present address Tel/Fax no. (Office) Tel. No. (Residence) E-mail :	Department of Biology & Environmental Sciences, College of Basic Sciences, CSKHPKV, Palampur. 01894230311, 01894230311, 9418414393, rana.usha@rediffmail.com		
5.	Permanent Address Tel. No. (Residence) Mobile	Village Answay, PO Gharwasara, Tehsil - Sarkaghat, District - Mandi, HP-175025		
	Correspondence Address	House No. 3, Type IV, Old Campus, CSKHPKV, Palampur		
6. Educational Qualifications (UG onwards)				
	Degree	University	Year	Division
	M.Sc	HPU, Shimla	1987	First
	M.Phil	HPU, Shimla	1988	First
	Ph.D.	HPU, Shimla	1994	---
7. Title of Thesis				
	M.Phil	Hormonal Regulation of Abscission in Plants		
	Ph.D.	Studies in Drought Physiology: Free Amino acids and calcium balance in Phaseolus vulgaris seedlings		
8.	Field of specialization including sub area:	Plant Physiology (Stress Physiology)		
9. Professional experience:				
	Designation	Period	University/Institute	
	Assistant Professor	6 th Jan, 2001-5 th Jan, 2012	CSKHPKV, Palampur	
	Associate Professor	6 th Jan 2013-5 th Jan 2015	CSKHPKV, Palampur	
	Professor	6 th Jan 2016- till date	CSKHPKV, Palampur	
10.	Books: Chapters	---		
11.	Manuals:	02 (Two)		
12.	Publications:			
	a. Research Paper Published	25		
	b. Presented:	10		
	c. Book Chapters	--		
	d. Popular Article	04		
13. Awards & honors, including Scientific Leaderships				
	International Awards	----		
	National Honor/Awards	-----		

Other Honors/Awards : Fellow of the Indian Society of Agricultural Biochemists				
Scientific Leadership -----				
Research Projects				
Sr No	Name of the project	Teacher/Scientist	Funding agency	Amount (Rs. In Lakh)
As Principal Investigator				
Completed Projects -----				
On-going Projects -----				
As Co-Principal Investigator				
Completed Project				
		Dr Usha Rana	MIDH, Department of Horticulture	20 Lakhs
On-going Project				
		Dr Usha Rana	National Bamboo Mission	85,69,880 Lakhs
14.	Membership of professional societies/journals	<ul style="list-style-type: none"> ❖ Life membership of an Indian society for plant Physiologist ❖ Life membership of an Indian society of Agricultural Biochemist ❖ Life membership of Himachal Journal of Agricultural Research ❖ Life membership of society for Advancement of Human and Nature (SADHNA) SOLAN 		
15.	Conferences/ symposia attended (no. only):			
	a. National	04		
	b. International	04		
16.	MSc and PhD Students guided	: 10 MSc. Students		
17.	Trainings and foreign visits	06 (Trainings)		
	Foreign Visit	: -----		
18.	Teaching			
	Courses Taught	Under Graduate Taught Botany courses of COBS and Crop Physiology course of COA		

		<p>Post Graduate (MSc. &Ph.D)</p> <p>Taught MSc. Biology courses to the MSc. Students of the Department.</p> <p>Taught Plant Physiology minor courses to MSc & Ph.D students of COA.</p> <ol style="list-style-type: none"> 1. PP.501-Cellular Physiology and Plant water relations,2+1 2.PP.502/Biotech.552- Plant developmental biology,2+0 3. PP.503-Physiological and molecular responses of plants to abiotic stresses,2+1 4.PP.504-Hormonal regulation of plant growth and development, 2+1 5. PP.506- Physiology of crop plants- Specific case studies 2+0 6. PP.507- Photosynthesis and respiration, 2+1 7. PP.591-Master’s Seminar,1+0
19	Important Publication	
	International Journal	01 (NAAS rating 7.61)
	National Journals	01 (NAAS rating 6.11)