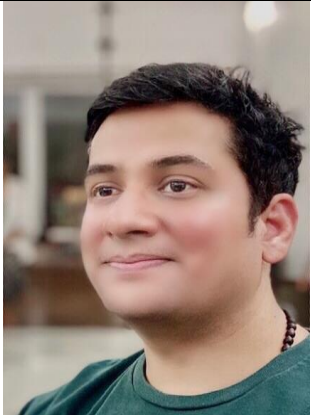


CENTRAL UNIVERSITY OF JAMMU

FACULTY PROFILE PERFORMA

First Name	DEEPAK	Middle Name		Last Name	BHARDWAJ	Photograph (attach below)
Title & Designation		ASSOCIATE PROFESSOR				
Address		Botany Department Central University of Jammu Rahya Suchani Samba district Bagla, J&K, 181143				
Phone Number						
Office		01923249658				
Residence						
Mobile						
Email		dbhardwajpmb@gmail.com				
Web-Page						
Educational Qualifications:						
Degree	Institution				Year	
PG Diploma (Environment and Sustainable Development)	Indira Gandhi National Open University					
Post-Doctoral Fellow	International Centre for Genetic Engineering and Biotechnology, New Delhi (ICGEB)					
Ph.D.	Botany Department, Delhi University & International Centre for Genetic Engineering and Biotechnology, New Delhi (ICGEB)					
M.Phil.	Botany Department, Delhi University					
M.Sc.	Hindu College, Delhi University					
B.Sc.	Sri Venkateswara College, Delhi University					
Career Profile:						
Assistant Professor, Central University of Jammu				July 2016 - Nov 2023		
Assistant Professor, Kirorimal College, Delhi University				July 2015 - July 2016		
Assistant Professor, Dyal Singh College, Delhi University				Aug 2015 - Dec 2016		
Assistant Professor, PGDAV College, Delhi University				Aug 2014 - June 2015		
Assistant Professor, Hansraj College, Delhi University				Jan 2014 - May 2014		
Assistant Professor, SGTB Khalsa College, Delhi University				Jan 2014 - April 2014		
Post-Doctoral Fellow in a Indo-French project, ICGEB, New Delhi				May 2013 - Jan 2014		
Administrative Assignments:						
Member, Board of Research, Botany Department, Central University of Jammu						
Areas of Interest / Specialization:						
G-proteins mediated cell signaling in plants CRISPR cas9 mediated gene editing Nitric oxide signaling with respect to heat stress and stomatal regulation. Environmental challenges and agricultural output with the involvement of biofertilizers Nutrient sensing in plants						
Subjects Taught:						

Phycology, Gymnosperms and Paleobotany, Molecular Biology and Plant Biotechnology, Environmental Biology, Plant Physiology and Biochemistry, Economic Botany, Bryology and Pteridology

Research Guidance:

1 PhD students (ongoing)

4 M.Sc. dissertation (Awarded)

Publications Profile:

a. Publications

- Sharma B, Ganotra J, Biswal B, Sharma K, Gandhi S, **Bhardwaj D***, Tuteja N*. (2023). An atypical heterotrimeric G α and its interactome suggest an extra-large role in overcoming abiotic and biotic stress. *Physiology and Molecular Biology of Plants*. doi: 10.1007/s12298-023-01378-6.
- Sharma S, Ganotra J, Samantaray J, Sahoo RK, **Bhardwaj D***, Tuteja N*. (2023). An emerging role of heterotrimeric G-proteins in nodulation and nitrogen sensing. *Planta*. 258.1-17. doi.org/10.1007/s00425-023-04251-8.
- Ganotra J, Sharma B, Biswal B, **Bhardwaj D***, Tuteja N*. (2022). Emerging role of small GTPases and their interactome in plants to combat abiotic and biotic stress. *Protoplasma*. doi: 10.1007/s00709-022-01830-6.
- **Bhardwaj D**, Sahoo RK, Naqvi AR, Lakhanpaul S, Tuteja N. (2020). Pea G β subunit of G-proteins has a role in nitric oxide-induced stomatal closure in response to heat and drought stress. *Protoplasma*. 257:1639-1654. doi: 10.1007/s00709-020-01529-6.

Conference/Workshops/Training attended as Faculty Member:

- Attended a Hands-On workshop on "Re-designing Smart Crops for Sustainable Agriculture: Dynamics of CRISPR-Cas Breeding, NGS and beyond" organized by the International Centre for Genetic Engineering and Biotechnology collaboration of Department of Biotechnology, New Delhi, India, 5th-10th November 2023.
- Attended a Hands-On Online workshop on "Molecular Docking and Biological Software Packages for Data Analysis" Organized by the Centre for Molecular and Nanomedical Sciences. International Research Center, Sathyabhama Institution of Science and Technology, Chennai, India, 07th-9th September 2023.
- Convened the 'Promoting Applied Research in Plant Sciences - 2022' event at the Department of Botany, Central University of Jammu, Samba, India, 9th-10th November 2022."
- Attended a Hands-on Online Work workshop on "CRISPR -Cas Gene editing" Shree Guru Gobind Singh Tricentenary (SGT) University, and Alliance of Biodiversity International and CIAT, Gurugram, India, 23rd-27th March 2021.
- Organized a program on "Van Mahotsav Celebration -2018" at the Central University of Jammu, Samba, India, 30th July 2018.
- Attended an Inter-Disciplinary Refresher Course on "Online Teaching Learning and Assessments" at Central University of Jammu, Samba, India, 25th May-8th June 2018.
- Attended a workshop on "Transacting Students' engagement for Rural Community development" at Central University of Jammu and National Council of Rural Institutes (NCRI), Hyderabad, MHRD, Government of India, Samba, India, 26th-27th April 2017.

<ul style="list-style-type: none"> • Attended a workshop on “Universal health coverages: Everyone, everywhere” at Central University of Jammu, Samba, India, 9th April 2018. • Attended a workshop on professional development “Programme on Online Teaching, Learning, And Assessment Using Moodle MOOC Platform and Open Educational Resources” at Central University of Jammu, Samba, India, 15th-16th September 2017.
Invited Lectures/Resource Persons:
<ul style="list-style-type: none"> • Delivered a lecture on ‘Diversity of Pea G-Protein Gamma Subunit Confers Abiotic and Biotic Stress Tolerance at the International Conference on Emerging Trends in Biosciences and Chemical Technology- 2022, Sri Mata Vaishno Devi University in collaboration with Indian Institute of Integrative Medicine, Katra, India, 3rd-5th December 2022. • Delivered lecture on G-Proteins and Environmental Stress at International Centre for Genetic Engineering and Biotechnology, New Delhi.
Research Projects (Major Grants/Research Collaboration):
Engaged in various residential and consultancy projects pertaining to landscape Architecture and Horticulture.
Awards and Distinctions:
<ul style="list-style-type: none"> • Dr. M. J. Thirumalachar Young Scientist Award-2017 for best oral presentation on the role of G-proteins in plants. • Received the gold medal for the award of APSI best paper presentation award-2017 for the paper presented on the role of abiotic stress alleviation in plants. • Young Scientist Award in the Jammu Kashmir Science Congress, 2017, held in Jammu, 02nd- 04th March 2017. • Received Best Poster Award in the International Conference on Plant Biotechnology for Food Security: New Frontiers, 2012, New Delhi. • Received Post-Doctoral Fellowship awarded by Indo–French Centre for the Promotion of Advanced Research In the project titled “Nutrient sensing in plants”. • Qualified and received Junior Research Fellowship in 2006 sponsored by University Grant Commission • Qualified the <i>UGC-NET-2005</i> for eligibility for <i>Lectureship</i>
Association with Professional Bodies:
An active member of Climate Reality Leadership Corps.
Other Activities:
Writing scientific columns for newspaper and scientific magazine