

JAGDEEP VERMA

PhD, MPhil

Assistant Professor (Botany)

[Tel.: +91 94188 28064]

[E-mail: jagdeep@spumandi.ac.in]

AREA OF SPECIALIZATION

- Field Botany (Collection, identification and documentation of orchids of the North-Western Himalaya and adjoining plains)
- Applied Botany (Development of tissue culture protocols using different explants, Synthetic seeds for germplasm delivery and storage, molecular characterization of plant species)

ACADEMIC QUALIFICATIONS

- PhD in Botany, Panjab University, Chandigarh (North Western Himalayan Orchids: Taxonomic Assessment and Ecological Adaptations)
- MPhil in Botany, Panjab University, Chandigarh (*In vitro* propagation of *Aerides multiflora* Roxb. and *Liparis rostrata* Reichb. f.)
- MSc in Botany, Dr Bhim Rao Ambedkar University, Agra
- BSc in Biology, HP University, Shimla

AWARDS AND HONOURS

- University Medal for standing first with distinction in MPhil
- Young Achiever Award, Society of Advancement of Human & Nature, Dr YS Parmar University of Horticulture and Forestry, Solan
- 1st Rank in HP Public Service Commission (Shimla) declared list of Assistant Professors in Botany (2017)
- Best Poster Awards in National Seminars/ Conferences: 3
- Best Oral Presentation Award during International Conference: 1

POST PhD TRAININGS

- Two-weeks Research Training in plant taxonomy capacity building at Forest Research Institute (ICFRE), Dehradun (2010)
- One-week National workshop on Advances in Electron Microscopy and allied fields at Shoolini University, Solan (2011)
- Two-months Research Training in plant molecular biology at NEH University, Shillong under IASc-INSa-NASi Summer training fellowship programme (2012)
- Four-weeks General Orientation Course at UGC-HRD Centre, Panjab University, Chandigarh (2018)

TEACHING AND POST PhD RESEARCH EXPERIENCE

- 14 years (PG: 9 years, UG: 5 years)

RESEARCH STUDENTS GUIDED

- PhD (2 awarded)
- MPhil (2 awarded)

PUBLICATIONS

- Book: 1 (Orchids of Himachal Pradesh. 2013. Bishen Singh Mahendra Pal Singh, Dehradun. ISBN: 978-81-211-0862-1)
- Research Papers: 38
- Book Chapters: 3
- General Articles in Newspapers/ Newsletters: 7
- Papers Presented in Seminars/ Conferences: 35

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- Life Member of The Orchid Society of India (TOSI)
- Life Member of Him Science Congress Association (HSCA)

PROFESSIONAL RECOGNITION

- Head, Department of Botany, Shoolini Institute of Life Sciences & Business Management, Solan (2010 - 2017)
- Member, Content Development Committee, Directorate of Distance Education, IKG Punjab Technical University, Jalandhar (2015 - 2018)
- Member, Board of Studies (Biotechnology), IKG Punjab Technical University, Jalandhar (2017 - 2019)
- Reviewer, Botanical Journal of the Linnean Society, Biologia, Lankesteriana, Journal of The Orchid Society of India, Saudi Journal of Biological Sciences, etc.