

**Dr Deepika Negi**  
**Assistant Professor (AdHoc)**  
Department of Biotechnology  
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**DOB: 10<sup>th</sup> September 1995**



### **Educational Qualifications**

- **Ph.D. in Molecular Biology & Biotechnology**, Department of Biotechnology, Dr Yashwant Singh Parmar University of Horticulture & Forestry, Nauni, Solan, Himachal Pradesh, India (2024) PhD Thesis: *In vitro* propagation and secondary metabolite production of *Angelica glauca* Edgew.- An endangered medicinal plant of Himalayas, Ph.D. Supervisor: Dr Manisha Thakur (Associate Professor, Department of Biotechnology, Dr YSP University of Horticulture & Forestry, Nauni, Solan, Himachal Pradesh)
- **M.Sc in Molecular Biology & Biotechnology**, Dr YSP University of Horticulture & Forestry, Nauni, Solan, Himachal Pradesh (2018)
- **B.Sc (Life Sciences)**, “Centre of excellence” Govt. Degree College Sanjauli, Shimla, Himachal Pradesh (2015)

### **Teaching/Research Experience**

- Date of joining- 23<sup>rd</sup> August, 2024 - till date  
Assistant Professor (AdHoc)  
Department of Biotechnology  
GGSD COLLEGE Chandigarh

### **Areas of Interest**

Plant Tissue Culture, Molecular Biology, Biochemistry

### **Publications**

#### **Journal Publications:**

#### **(Journal/Book Chapters)**

- Deepika Negi, Manisha Thakur, Bhupender Dutt, Rohit Sharma. 2024. *In vitro* propagation and secondary metabolites production of *Angelica glauca* Edgew: a threatened medicinal and aromatic herb of the Himalayas. *Plant Cell Tissue and Organ Culture* 158, 26.

#### **Book Chapters**

- Kanika Dulta, Gözde Koşarsoy Ağçeli, Priyanka Tangariya, Yogesh Kumar Awasthi, Renu Bala Sharma, Tripti Negi, Mohd Mazhar, Keshav Kumar and Deepika Negi. 2023. Potential of Nanotechnology for improving nutrient efficiency of temperate Horticulture crops In: *GIS and Novel Technological Interventions in Sustainable Horticulture*. CRC Press. Taylor and Francis.
- Nisha Thakur, Amarjit K Nath, Pooja Sharma, Deepika Negi. 2021. Biotechnological approach for the production of red banana. *NESA Newsletter, National Environmental Science Academy*. 24:9-10.
- Amarjit K Nath, Shikha Sharma, Satish Kumar and Deepika Negi. 2020. Pharmacogenomics: The promise of personalized medicine. *NESA Newsletter, National Environmental Science Academy*. 23:1-7.

**Seminars/  
Conferences/Symposiums  
(Paper Presented)**

- Participated in symposium entitled “New Horizon in Biomedical Sciences” at GGSDS College Sector-32 Chandigarh on 23<sup>rd</sup> November, 2024.
- Participated in NAHEP-CAAST Training on “Genome Editing for Crop Improvement: Strategies and Applications” from July 1-12, 2024 held at IARI, New Delhi. e-Webinar.
- Participated in oral presentation entitled “Global Approaches in Agricultural, Biological, Environment and Life Sciences for Sustainable Future” (GABELS- 2024) in 7th International Conference at Kathmandu, Nepal during 8-10 June, 2024.
- Participated in oral presentation entitled “2nd International Conference on Plant Physiology and Biotechnology (ICPPB-2023) at Lovely Professional University, Punjab, India during 20-21 April, 2023.
- Participated in e-poster presentation in APBGE-2021, International Symposium on “Advances in Plant Biotechnology and Genome Editing” & 42<sup>nd</sup> Meeting of Plant Tissue Culture Association (India) during 8-10 April, 2021 organized by ICAR-Indian Institute of Agricultural Biotechnology, Ranchi, India.
- Participated in webinar on “Plant Biotechnology-Applications, Challenges and Prospects” held on 18<sup>th</sup> March, 2021 under “Institutional Development Plan” and organized by Department of Biotechnology, Dr. Y S Parmar UHF, Nauni, Solan, H.P.
- Participated in oral presentation entitled “Rural Upliftment Through Science & Technology Interventions”, 3rd Himachal Pradesh Science Congress at IIT Mandi, Himachal Pradesh during 22-23 October, 2018.

**Refresher  
Courses/Workshops/  
Training Programmes**

- Participated in Three days Entrepreneurship Development Program on “Strengthening Entrepreneurial Knowledge of Rural Youth” from 30<sup>th</sup> May to 1<sup>st</sup> June, 2022 organized by Department of Business Management at Dr. Y S Parmar UHF, Nauni, Solan, H.P.
- Participated in a workshop on Leadership and Personality Development on 26-27th April, 2017 organized by Students Welfare Organization at Dr. Y S Parmar UHF, Nauni, Solan, H.P.

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