


Curriculum Vitae

Full Name:	DR. OM PRAKASH TIWARI			
Designation:	Assistant Professor			
Department:	Botany & Microbiology			
Campus:	Srinagar Campus			
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Education Qualification:	<ul style="list-style-type: none">• B.Sc. (Botany, Zoology, Geology in 2010) with first division from H.N.B. Garhwal University, Srinagar Garhwal.• M.Sc. (Botany in 2012) with first division from H.N.B. Garhwal University, Srinagar Garhwal.• Ph.D. (Botany in 2019) from H.N.B. Garhwal University, Srinagar Garhwal.			
Teaching Experience:	07 Months	Research Experience:	09 Years	
Past Work Experience:	<ol style="list-style-type: none">1. Serve as a Research Officer in Uttarakhand Biodiversity Board, Dehradun (India) since April 1, 2019 to July 13, 2023.2. Worked as Project Fellow in DST funded research project entitled "<i>Identifying the Changes in Vegetation on Ridge Tops to Predict Climate Impact and Assisted Migration</i>" from May, 2014 to November, 2015.			
Research Interest:	<ul style="list-style-type: none">• Plant-Soil interaction.• Ecological Niche Modeling (ENM).• Biodiversity Conservation.• Plant functional traits.• Forest productivity and Carbon sequestration.			
Honours & Awards:	<ol style="list-style-type: none">1. Certificate of appreciation for active participation in the nationwide campaign on Updation cum Verification of People's Biodiversity Registers jointly organized by MoEFCC, National Biodiversity Authority and Uttarakhand Biodiversity Board, 2023.2. Certificate of participation in conservation slogan writing from Chairperson, NBA on the occasion of <i>International Day for Biological Diversity, 2022</i>.			
Membership of Scientific Organizations-	Nil			
Research Supervision-	Nil			
Research Projects/ MoU undertaken-	Nil			
Administrative Experience:-	<ul style="list-style-type: none">• Member, PG Counselling and admission committee of the Department (2023-24)			
Conference/Symposium/Workshops:	<ol style="list-style-type: none">1. Paper entitled "<i>Tree species richness, population structure and distribution along altitudinal transect in temperate forests of Garhwal Himalaya</i>" was presented in Three Days National Seminar on Crop Diversity and Entrepreneurship Development in Himalayan Environment during			

September 29 to October 1, 2016 organised by Department of Botany, PG college Uttarkashi.

2. Paper entitled "**Forest Composition and Structure of Some Broad-Leaved and Coniferous Forests in Bhagirathi Catchment Area of Western Himalaya**" was presented in 11th Uttarakhand State Science and Technology Congress, 2016-17, at Dehradun during 02-04 March, 2017.
3. National workshop on "*Popularisation of Remote Sensing Based Maps & Geospatial Information*" jointly organized by ISRS & ISRO on August 11, 2017.
4. Paper entitled "**Variation in Carbon Stock Inventory along Elevational Transect in Garhwal Himalaya**" was presented in a National Seminar on Perspective in Natural and Applied Sciences during March 9 & 10, 2018 Organised by Uttaranchal (P.G.) College of Bio-Medical Sciences & Hospital, Dehradun.
5. Roving Seminar on the Patent Cooperation Treaty (PCT) Organized by the World Intellectual Property Organization (WIPO) in Cooperation with the Indian Patent Office (IPO) at Dehradun, India on June 20, 2019.
6. National webinar on "*Issues and solutions for saving Biodiversity in Himalayan Region*" Jointly organized by the Uttarakhand State Council for Science and Technology (UCOST) and National Academy of Sciences, India, Prayagraj (U.P.) on the occasion of World Environment Day - 2020.

Research Publications:

1. **Tiwari OP** & Sharma CM (2023). Anthropogenic disturbance impact on forest composition and dominance-diversity: A case of an ecosensitive region of Garhwal Himalaya, India. *Acta Ecologica Sinica*. 43(4):662-673.
2. **Tiwari OP**, Sharma CM & Bartwal H (2022). Plant–soil interrelationship in subtropical forests of Garhwal Himalaya, India. *Brazilian Journal of Botany*. 45(2): 775-790 . **(IF- 1.368)**
3. **Tiwari OP**, Sharma CM & Rana YS (2020). Influence of Altitude and Slope-Aspects on Diversity, Regeneration and Structure of some Moist Temperate Forests of Garhwal Himalaya. *Tropical Ecology*. 61(2): 278-289. **(IF- 1.333)**
4. **Tiwari OP**, Sharma CM, Rana YS & Krishan R (2019). Disturbance, Diversity, Regeneration and Composition in Temperate Forests of Western Himalaya, India. *Journal of Forest and Environmental Science*. 35(1): 6-24.
5. Krishan R, Mishra AK, **Tiwari OP**, Rana YS & Sharma CM (2018). Variation in biomass and carbon allocation in various components of tree species along different forest types in high mountain regions. *Tropical Ecology*, 59(3):457-472. **(IF- 1.333)**
6. Sharma CM, Mishra AK, **Tiwari OP**, Krishan R & Rana YS (2018b). Regeneration Patterns of Tree Species along an Elevational Gradient in the Garhwal Himalaya. *Mountain Research and Development*, 38(3): 211-219. **(IF- 1.506)**
7. Sharma CM, **Tiwari OP**, Rana YS, Krishan R & Mishra AK (2018a). Elevational behaviour on dominance–diversity, regeneration, biomass and carbon storage in ridge forests of Garhwal Himalaya, India. *For. Ecol. Manage*, 424(2018): 105-120. **(IF- 4.384)**
8. **Tiwari OP**, Rana YS, Krishan R, Sharma CM & Bhandari BS (2018). Regeneration dynamics, population structure, and forest composition in some ridge forests of the Western Himalaya, India. *Forest Science and Technology*. 14 (2): 66–75.
9. Rana YS, **Tiwari OP**, Krishan R & Sharma CM (2018). Determination of nutritional potential of five important wild edible fruits traditionally used in Western Himalaya. *International Journal of Life Science*. 6 (1): 79-86.
10. Sharma CM, Mishra AK, **Tiwari OP**, Krishan R & Rana YS (2017). Effect of altitudinal gradients on forest structure and composition on ridge tops in Garhwal Himalaya. *Energy, Ecology and Environment*. 2(6) 404-417.

11. Krishan R, **Tiwari OP**, Rana YS, Mishra AK & Sharma CM (2017). Changes in Levels of Soil Carbon and Forest Floor Carbon Stocks in the different Temperate Forests of Garhwal Himalaya. *International Journal of Current Research and Review*. 9(7): 5-10.
12. Sharma CM, **Tiwari OP**, Rana YS, Krishan R & Mishra AK (2016c). Plant Diversity, Tree Regeneration, Biomass Production and Carbon Storage in Different Oak Forests on Ridge Tops of Garhwal Himalaya. *Journal of Forest and Environmental Science*. 32(4):329-43.
13. Sharma CM, Mishra AK, Krishan R, **Tiwari OP** & Rana YS (2016b). Impact of climate on structure and composition of Ridge Top forests in Garhwal Himalaya. *Taiwania*. 61(2):61-69. **(IF- 0.816)**
14. Sharma CM, Mishra AK, Krishan R, **Tiwari OP** & Rana YS (2016a). Variation in Vegetation Composition, Biomass Production and Carbon Storage in Ridge Top Forests of High Mountains of Garhwal Himalaya. *Journal of Sustainable Forestry*. 35(2):119-132. **(IF- 1.425)**
15. Sharma CM, Mishra AK, **Tiwari OP**, Dimri S & Baluni P (2014). Assessment of forest structure and woody plant regeneration on ridge tops at Upper Bhagirathi Basin in Garhwal Himalaya. *Tropical Plant Research*. 1(3): 62–71.
