


Curriculum Vitae

Full Name	Dr. Vijay Laxmi			
Designation	Assistant Professor			
Department	High Altitude Plant Physiology Research Centre (HAPPRC)			
Campus	Birla campus			
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Education Qualification	Ph.D (2018), Hemvati Nandan Bahuguna Garhwal University			
Teaching Experience	03 Years	Research Experience	03 Years	
Areas of Interest/ Specialization				
<ol style="list-style-type: none"> 1. Dioecious Plants 2. Conservation Biology 3. Eco-physiology of plants 4. Plant propagation techniques (<i>in vitro</i> and <i>in vivo</i>) 5. Physiology and biochemistry of high altitude plants 				
Honours & Awards				
<ol style="list-style-type: none"> 1. Teaching Assistantship in M.Sc for three semesters. 2. Qualified CSIR-NET in Life sciences in 2013,14 and 15 				
Member of Academic Institutions				
NIL				
Membership of Scientific Organization				
NIL.				
Research Supervision (No. of Ph.D. Degree Awarded/ Registered)				
NIL				
Research Projects/ MoU undertaken				
NIL				
Administrative Experience				
NIL				
Scientific Visits Abroad/International Collaboration				
NIL				
Conference/Symposium/Workshop Attended during last five years (2014-2019).				
<ol style="list-style-type: none"> 1. Dharam Chand, Jyoti Sati, Vijaylaxmi Trivedi and M. C. Nautiyal “Uncontrolled Anthropogenic Activities in High Altitude Areas of Garhwal Himalaya”, in International Conference on Advances in Science, Engineering & Technology (ICASET-2016), organized by International Journal of Advanced Research and Innovation & International Council for Man and Nature (MANU), 29-30 Jan. 2016. 2. Vijay Laxmi and M.C.Nautiyal “Hippophae salcifolia D. Don: An Aletrnative of Hippopae rhamnoides in Uttarakhand Himalaya” National Conference on Agrotechnology,Commerece and Sustainable Use of Medicinal and Aromatic Plant, jointly organized by society for conservation and resource development of medicinal plants (SMP) New Delhi and High Altitude Plant Physiology Research Centre (HAPPRC), HNBGU Srinagar Garhwal-Uttarakhand (Feb. 06-07-2016). 3. Dharam Chand, Jyoti Sati, Vijaylaxmi Trivedi and M. C. Nautiyal —Diversity of High Altitude MAPs: Strategies and Challenges in its Conservation in Uttarakhand Himalaya”, National Seminar on Crop Diversity and Entrepreneurship in Himalayan Environment” Organized by Department of Botany RCU Government Post Graduate College 				

Uttarkashi (29th Sept. To 01st Oct. 2016).

4. **Vijaylaxmi Trivedi**, Jyoti Sati, Dharam Chand and M. C. Nautiyal —**Solid Wastes-Condition and Management in Some Holy Shrines and Alpine Meadows of Uttarakhand Himalaya.**” Organized by Department of Botany RCU Government Post Graduate College Uttarkashi (29th Sept. To 01st Oct. 2016).
5. **Vijaylaxmi Trivedi** and M. C. Nautiyal “ **Economical and Nutritional Potential of Wild Edible Fruits of Uttarakhand Himalaya**” two days National Conference, ESDR-1, organised by TBS, Bharderwah Campus, University of Jammu on 08-09 September, 2017.
6. Dharam Chand, Jyoti Sati, **Vijaylaxmi Trivedi** and M. C. Nautiyal “**Prioritization of Medicinal Plants Cultivation for Economic Development in Himalayan Region**” two days National Conference, ESDR-1, organised by TBS, Bharderwah Campus, University of Jammu on 08-09 September, 2017.
7. **Vijay Laxmi** and M. C. Nautiyal “**In-vitro Propagataion of Male and Female Plants of *Hippophae salcifolia* D. Don.**” Uttarakhand State Science and Technology Congress organized by UCOST, Dehradun (2nd March to 4th March, 2017).
8. **Vijaylaxmi Trivedi** and M. C. Nautiyal. **Antioxidant Potential of Male and Female Plants of *Hippophae salcifolia* D. Don.**” NMPB Sponsored National Conference on Recent Advances in Ayurvedic Herbal Medicine-From Source to Manufacturing, organized by Faculty of Biomedical Sciences, Uttarakhand Ayurvedic University, Dehradun on 15th and 16th September, 2017 at CSIR-IIP, Dehradun.

Total Number of Research Publications:10+2 book chapters

1. Antioxidant enzyme activities in male and female plants of *Hippophae salicifolia* D. Don in different pheno-phases, **V L Trivedi**, MC Nautiyal, J Sati, DC Attri, Acta Physiologiae Plantarum, ISSN: 1861-1664, (2020) , 42 (64), DOI: <https://doi.org/10.1007/s11738-020-03049-5>. (Impact factor :1.760)
2. In vitro propagation of male and female *Hippophae salicifolia* D.Don. **VL Trivedi**, MC Nautiyal, J Sati, DC Attri, In Vitro Cellular and Developmental Biology- Plant, ISSN: 0971-7811, (2020), 56: 98–110, DOI: <https://doi.org/10.1007/s11627-019-10020-8>. (Impact factor: 1.814)
3. Phenological variations of Primary biochemicals in male and female plants of *Hippophae salicifolia* D. Don. **VL Trivedi**, D C Attri, J Sati , MC Nautiyal, Journal of Plant Biochemistry and Biotechnology , ISSN: 0974-1275, 0971-7811, (2020), 29: 225–235, DOI: <https://doi.org/10.1007/s13562-019-00527-x>. (Impact factor 0.773)
4. Antioxidant Potential of Herbal Tea from *Rhododendron anthopogon* D. Don and *Hippophae salcifolia* D. Don **VL Trivedi**, J Sati, D Chand and MC Nautiyal, Journal of Non-Timber Forest Products, ISSN: 0971-9415, (2017), (3)131-135.
5. Antimicrobial activity of dried stolon extracts of *Picrorhiza kurrooa* Royle ex. Benth. An endemic and endangered Himalayan herb, **V Laxmi** and Preeti Chaturvedi, ENVIS Bulletin Himalayan Ecology, ISSN: 0971-7447, (2015), 23: 127-132.
6. Antimicrobial Potential of Acetone and Methanol extracts of *Rhus parviflora* Roxb, M Panwar, **V Laxmi**, D Chand, MC Nautiyal, Indian Journal of Forestry, ISSN: 0971-9431 (2016), 39(3): 225-230.
7. Status of Priority based Subsidized MAP Species for Cultivation and Conservation in Chamoli District, Uttarakhand Himalaya, D Chand, **V Laxmi**, J Sati, MC Nautiyal, Journal of Non-Timber Forest Products, ISSN: 0971-9415, (2016) 23(4) 181-189.
8. Evaluation of Antioxidant Activity of Rhizome Extract of *Paris polyphylla* Smith, J Sati, **V Laxmi**, D Chand, MC Nautiyal, Journal of Non-Timber Forest Products, ISSN: 0971- 9415, (2017), 24(3) 147-151.
9. Effects of Anthropogenic Activities in High Altitude Areas of Garhwal Himalaya: An Overview. D Chand, J Sati, **V Laxmi**, MC Nautiyal, ESSENCE - International Journal for Environmental Rehabilitation and Conservation, ISSN: 0975 – 6272, (2016), 7(1):78 – 87.
10. Effect of Chilling treatment and different growth media on seed germination and seedling growth performance of *Picrorhiza kurrooa*: An endangered medicinal herb. D Chand , MC Nautiyal, **V Laxmi**, J Sati, Journal of Non-Timber Forest Products, ISBN: 0971- 9415, (2018), 25 (1) 57-62 .

Proceedings/ Book Chapters

1. Dharam Chand, **Vijay Laxmi**, Jyoti Sati and M. C. Nautiyal. **Policies & Schemes of Medicinal Plants Farming: An Innovative Effort towards Livelihood Security in Indian Himalayan Region**” has been accepted for publication in the second edited book entitled **Dynamics of Socio-Economic Development**” *Bharti Publication, New Delhi* ISBN: **978-93-86608-31-4**.
2. **Vijay Laxmi Trivedi**, Dharam Chand, Jyoti Sati and M. C. Nautiyal. *Hippophae salicifolia*

(Seabuckthorn): Source of Economic Development in Higher Himalayan Region“ has been accepted for publication in the second edited book entitled „**Dynamics of Socio-Economic Development**“ Bharti *Publication, New Delhi* ISBN: **978-93-86608-31-4**.

