


Curriculum Vitae

Full Name:	Laxman Singh Kandari	
Designation:	Assistant Professor	
Department:	Department of Forestry	
Campus:	Chauras campus	
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Mobile:	7060214658	
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Date of Birth:	09/10/1975	
Educational Qualification:	Ph.D.	
Fields of Specialization: Seed Technology/ Wildlife Management/Natural Resource Management.		
Teaching Experience: 8 years and five months in India and Abroad		
<ul style="list-style-type: none"> ➤ Associate Professor at Mizan Tepi University, Ethiopia, under United National Development Programme (UNDP) (2017-2019) ➤ Associate Professor at University of Gondar, Ethiopia, under United National Development Programme (UNDP) (2016-2017) ➤ Associate Professor and Head of Department of Forestry, Himgiri Zee University, Dehradun, Uttarakhand (2015-2016). 		
Area of Interest: Natural Resource Management (NRM) and Sustainable Forest Management (SFM).		
Honours & Awards: Post-Doctoral Fellowship from National Research Foundation (NRF), Pretoria, South Africa (2009-2011).		
Membership/Associations:		
<ul style="list-style-type: none"> ➤ <i>Indian Science Congress Association</i>, Calcutta (Life Membership). ➤ <i>Medicinal and Aromatic Plant Association of India</i>, (Life Membership). ➤ <i>Society for Environment and Development (SED)</i> (Life Membership). ➤ <i>Indian Society of Plant Genetic Resources</i> (Yearly membership) 		
Research Supervision (No. of PhD. Degree Awarded/ Submitted/Registered): NA		
Research Projects/ MoU undertaken (Title, Funding Agency, Total Cost, Completed/ Ongoing): NA		
<p>Title: Multiplication, Cultivation, Standardization of Post-Harvest Processing and Product Development of High-Altitude Aromatic Plants of Western and Eastern Himalaya. (On going) (Co-PI).</p> <p>Funded Agency: DBT, Govt of India.</p> <p>Total Cost: 35 Lakh</p>		
<ul style="list-style-type: none"> ➤ Title: Developing Emission Inventory for Non- Attainment Cities of India” Funded by: CSTEP, Bangalore, (Ongoing), (PI) Total cost: 8 Lakh 		
Administrative Experience:		
<ul style="list-style-type: none"> ➤ Senior Programme Officer, NSS Birla Campus, HNBG University, Srinagar Garhwal, Uttarakhand ➤ Head of Department (HOD) Forestry, Department of Forestry, Himgiri Zee University, Dehradun, Uttarakhand 		

Scientific visits Abroad/ International Collaboration:

- Associate Professor at Mizan Tepi University, Ethiopia,
 - Associate Professor at University of Gondar, Ethiopia
 - Assistant Professor at Haramaya University, Ethiopia, Under United National Development Programme (UNDP) Ethiopia
- and
- Post Doc Fellow at University of KwaZulu-Natal, Pietermaritzburg, South Africa (2009-2011)

Conference/Symposium/Workshops Attended during the last 5 years:

- Participated in a Webinar on “**Biodiversity and Human Wellbeing**” on the occasion of World Environment Day (05/06/2020) Organized by Uttarakhand Science Education & Research Centre, Dehradun, Uttarakhand and Department of Science and Technology, Government of Uttarakhand.
- Participated in Online Program for **Capacity Building on Climate Change and Sustainability Development** (December 14-18 2020) (Timing 3:30 -4:45)
- An International Web Conference on “**New Dimensions of Training Exercise & Health for Modern Day Life Style**” (8-9 March, 2021) Organized by Department of Physical Education under the aegis of PMMNT Scheme of Government of India.
- Attended One-week Online Training Program Faculty Development Program on “**Emerging Trends in E-Learning: Catalyst for Reforming Higher Education**” Organized by HNB Garhwal University, December, 10-16, 2020).
- Attended One-week Online Training Program Faculty Development Program on “**Pedagogy of Digital Learning and New Education Policy**” Organized by HNB Garhwal University, January 19-25, 2021).
- Participated in the Webinar on *International Mountain Day 2020* (11 December, 2020), Organized by Uttarakhand Science Education & Research Centre, Dehradun, Uttarakhand.
- Participated in Webinar on “**Municipal Solid Waste Management-Issue and Solutions**” (September, 30, 2020). Organized by Swami Shraddhanand College (Delhi University).
- Participated in National Webinar on “**Socio-Psychological Impact and Mitigation of Covid-19**” Pandemic on Women and Children (October, 21, 2020). Organized by Uttarakhand Science Education and Research Centre, Department of Information & Science Technology, Government of Uttarakhand.

Conference/Symposium/Workshop Organized during last five years: NO**Scientific publications: 39****Total Number of Research Publications: 51**

List of Selected Publications:

1. Bisht, V. K., Bhandari, A. K., **Kandari, L. S.**, Negi, T., Chandra, S., Saklani, S., Palai, S., Lacerda, B.C. G. V., Coutinho, H.D.M. (2023). Fatty acids analysis, antioxidant, antimicrobial and biological activity of essential oil of *Skimmia laureola* Leaves. *Vegetos*, 42535-022-00565-2
2. Bisht, S., **Kandari, L.S.**, Bisht, V. K., Tripti Negi and Patel, P.N. (2022). Seed germination behaviour of *Quercus leucotricophora* (Banj oak) in Western Himalaya. *Indian Journal of Forestry*, **45**(2), pp.75-81.
3. Bhatt, G.C., Singh, R., Baduni, P., Kandari, L.S., Rawat, L.S., Prasad, C., Phondani, P.C. and Maikhuri, R.K. (2022). Education, Research and Policy Issues in Indian Himalayan Mountain Farming System: Priorities for Sustainable Development. *International Journal of Scientific Development and Research*, **7**(9): 275-281.
4. Abhishek Chandra, V. S. Negi, **L.S. Kandari**, J. Dinakaran, K.S. Rao. (2021). Conservation and Sustainable Management of Traditional Agro-ecosystems in Central Himalaya, India. *International Journal of Ecology and Environmental Sciences*, **47**:355-368.
5. Meenakshi Bhardwaj, **L.S. Kandari**, and Tripti Negi (2020). Survey of Major Ethnomedicinal Plants of District Kinnaur, Himachal Pradesh. *Indian Journal of Plant Genetic Resource*. **33**(1): 43–51.
6. Maikhuri, R., Phondani P.C., Dhyani, D., Rawat, L.S., Jha, N., and **Kandari, L.S.** (2018). Assessment of climate change on Medicinal Plants-Based traditional health care system in Central Himalaya, India. *Iranian Journal of Science and Technology, Transactions A: Sciences*. **42**(4); 1827-1835.
7. Tripti Negi and **Kandari, L.S.** (2017). Traditional Knowledge and Zootherapeutic Use of different animals by Bhotiya Tribe: A Case Study from Uttarakhand, India. *Indian Journal of Traditional knowledge*. **16**(4), 638-647.
8. **Kandari, L.S.** (2016). Effect of vermicompost leachate on biomass and antibacterial properties of five bulbous medicinal plants: a case study from KwaZulu Natal, South Africa. *Iranian Journal of Science and Technology, Transactions A: Sciences*. **42**(3); 1049-1056.
9. **Kandari, L.S.** Thakur, A. K. Yilma, E. and Tripti Negi. (2015). Ethnobotanical and Indigenous Knowledge of Important Plants in East Hararghe, Eastern Ethiopia. *Journal of Mountain Sciences*, **12**(6): 1521-1533.
10. **Kandari, L.S.**, Hiranmai R. Yadav, Thakur, A and Tripti Kandari (2014). Chat (*Catha edulis*): a socio-economic crop in Harar Region, Eastern Ethiopia. *Springer Plus*, **(1)**, 579.
11. **Kandari, L.S.**, Bisht, V.K., Meenakshi Bhardwaj and Thakur, A.K. (2014). Conservation and management of sacred groves, myths and beliefs of tribal communities: a case study from north India. *Environmental Systems Research*, **3** (1), 16.
12. **Kandari, L.S.**, Yadav, R. Hiranmai, Chandra, A., Negi, T. and Phondani, P.C. (2013). Ethnomedicinal Uses and Floristic Diversity of Invasive Weeds in Agricultural Fields of Godhra and Baria Forest Division in Gujarat, India. *Environment and We, International Journal of Science and Technology*, **8**, 87-96.
13. Kulkarni, M.G., Amoo, S.O., **Kandari, L.S.** and Staden, J. Van (2013). Seed germination and phytochemical evaluation in seedlings of *Aloe arborescens* Mill. *Plant Biosystems*. **148**-(3): 460-466.
14. **Kandari, L.S.**, Rao, K.S., Maikhuri, R.K. and Payal, K. (2012). Effects of plant growth

regulators on rooting of four rhizomatous medicinal plants of Central Himalaya. *National Academy of Science letter*, **3(11-12)**, 401-406. ISSN: 2250-1754. Impact Factor. 0.519

15. **Kandari, L.S.**, Rao, K.S., Maikhuri, R.K. and Payal, K. (2012). Effect of mixed-cropping and water-stress on macro-nutrients and biochemical constituents of rhizomatous medicinal plants of Central Himalaya, India. *Journal of Forestry Research*, **23**, 615-621.
16. **Kandari, L.S.**, Phondani, P.C., Payal, K. C., Rao, K.S. and Maikhuri, R.K. (2012). Ethnobotanical Study towards Conservation of Medicinal and Aromatic Plants in Upper Catchments of Dhaul Ganga in the Central Himalaya. *Journal of Mountain Science*, **9**, 286-296.
17. **Kandari, L.S.**, Rao, K.S., Payal, K.C., Maikhuri, R.K., Chandra, A. and Van Staden, J. (2012). Conservation of aromatic medicinal plant *Rheum emodi* through improved seed germination. *Seed Science and Technology*, **40**, (1) 95-101.
18. **Kandari, L.S.**, Kulkarni, M.G. and Van Staden, J. (2012). Germination and growth requirements of *Rogeria longiflora* medicinal plant of the Namib Desert. *South African Journal of Botany*, **79**, 84-90.
19. **Kandari, L.S.**, Rao, K.S., Payal, K., Makhuri, R.K. Chandra, A. and Negi, Tripti (2011). Sustainable approach towards use of medicinal plants: A case study from Niti Valley, Uttarakhand, India. *Environment and We, International Journal of Science and Technology*, **6**, 135-144.
20. **Kandari, L.S.**, Kulkarni, M.G. and Van Staden, J. (2011). Vermicompost leachate improves seedling emergence and vigour of aged seeds of commercially grown Eucalyptus species. *Southern Forest*, **73 (2)**, 117-122.
21. **Kandari, L.S.**, Kulkarni, M.G. and Van Staden, J. (2011). Effect of Nutrients and Smoke Solutions on Seed Germination and Seedling Growth of Tropical Soda Apple (*Solanum viarum*). *Weed Science*, **59 (4)**, 470-475.\
22. **Kandari, L.S.**, Rao, K.S., Maikhuri, R.K., Kharkwal, G., Payal, K.C. and Kala, C.P. (2011). Distribution pattern and conservation of threatened medicinal and aromatic plants of Central Himalaya, India. *Journal of Forestry Research*, **22 (3)**, 403-408.
23. **Kandari, L.S.** and Maikhuri, R.K. (2009). *Artemisia maritima* (Purchu); Option to improve local Economy of higher Himalaya. *Kurukshetra*, Publication Division, Ministry of Information and Broadcasting, Govt. Of India. 57(8), 46-47
24. **Kandari, L.S.** and Omprakash, M.D. (2009). Enhancing livelihood through non-timber forest products (NTFPs) collection: A case study of Keonjhar district, Orissa, India. *Annals of Forestry*, **17 (2)**, 251-257. ISSN: 0971-4021.
25. **Kandari, L.S.**, Rao, K.S., Maikhuri, R.K., Chauhan, K. (2008). Effect of presowing, temperature and light on the seed germination of *Arnebia benthamii* (Wall. ex G. Don): An endangered medicinal plant of Central Himalaya, India. *African Journal of Plant Science*, **2 (1)**, 005-011.
26. **Kandari, L.S.**, Rao, K.S., Chauhan, K., Maikhuri, R.K., Purohit, V.K., Phondani, P.C. and Saxena, K.G. (2007). Effect of different presowing treatments on the seed germinations of two endangered medicinal herbs of the Himalaya (*Angelica glauca* Edgew. and *Pleurospermum angelicoides* (Wall. Ex DC. Benth. Ex C.B. Clarke). *Proceeding of Indian National Science Academy*, **73 (1)**, 11-16.
27. Maikhuri, R.K., Rao, K.S., **Kandari, L.S.**, Joshi, R. and Dhyani, D. (2005). Does the outreach programme make an impact? A case study of medicinal and aromatic plants cultivation in Uttarakhand. *Current Science*, **88 (9)**, 1480-1486.