


Curriculum Vitae

Full Name:	Chandra Mohan Sharma			
Designation:	Professor			
Department:	Botany and Microbiology			
Campus:	Birla Collage Campus			
Telephone:		Fax		
Mobile:	9412079937			
Email	sharmacmin@gmail.com			
Education Qualification:	Degree: Ph. D., University: HNB Garhwal University, Year: 1986			
Teaching Experience:	34 Years	Research Experience:	37 Years	
Research Interest and Fields of Specialization				
<ol style="list-style-type: none"> 1. Ecology 2. Forest Inventory 3. Remote Sensing 				
Honours & Awards				
<ol style="list-style-type: none"> 1. Chairman of the UGC Review Committee for on the spot inspection of Forest Research Institute, Deemed to be University, Dehradun, Uttarakhand (5th -6th February 2010). 2. Member of the Peer Review Team constituted by Director General, Indian Council of Agricultural Research to make on the spot assessment for accreditation of Dr. Panjabrao Deshmukh Kirshi Vidyapeeth, Akola during 15-19 December, 2015. 3. Appointed as a Professor of Forestry (in Absentia) at Mizoram Central University, Aizawl, Mizoram (2006). 				
Member of Academic Institutions				
<ol style="list-style-type: none"> 1. Member of Academic Council H.N.B. Garhwal University April 1987-May 1991 2. Member of Academic Council VCSG UUHF, Bharsar June 2014-July 2017 3. Member of Executive Council/ Board of Management VCSG UUHF, Bharsar June 2014-July 2017 4. Chairman, Board of Management VCSG UUHF, Bharsar August 2017- August 2018 				
Membership of Scientific Organizations				
<ol style="list-style-type: none"> 1. Member of <i>Executive Board of the Indian Society of Tree Scientists</i> (2003-2008). 2. Nominated by ICAR as a Member of Board of Management of Indian Institute of Soil and Water Conservation for the years 2016 and 2017. 3. Member of the International Scientific Committee in Forest Biomass Conference held during 7-9 October 2013 at Poznan, Poland. 4. Member of the XXV ICAR Regional Committee No.1 during 2017-2018. 				
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)				
Ph.D. Degree: 19 Awarded/01Submitted/02 Registered				
Research Projects/ MoU undertaken				
<ol style="list-style-type: none"> 1. "Pollen Productivity, Multilocational dispersal trials and Provenance Progeny Analysis in Some Multipurpose Temperate Himalayan Trees- <i>Pinus roxburghii</i>" Sanctioned by ICFRE Dehradun, for a total cost of Rs.3, 03,700/- (initially). (1996-2000) 2. "Coordinated Research Project on Genetic Improvement of <i>Pinus roxburghii</i>" Sanctioned by ICFRE Dehradun, for a total cost of Rs.11, 80,600/- (initially). (1997-2001). 3. "Forest composition and Diversity along a disturbance gradient and socio-economic Status of the people at two biodiversity rich places of Garhwal Himalaya" Sanctioned by DST New Delhi, for a total cost of Rs.23,85,000/- (2006 -2009). 4. "Forest Structure, composition and diversity in relation to socio-economic status of the people along a disturbance gradient in Dudhatoli area of Garhwal Himalaya". Sanctioned by GBPIHED, Almora for a total cost of Rs. 6.5 lakh. (April 2008 onwards). 5. Identifying the Changes in Vegetation on Ridgetops to predict Climate impact and assisted migration. Sanctioned by DST New Delhi, for a total cost of Rs. 4043400/- (Aug., 2012-Nov., 2015). 6. Livelihood Development programme through integrated farming system approach in Dam 				

affected area of Tehri District (Coordinator). Sanctioned by SEWA-THDC for a total cost of 67.91 Lacs. (Feb. 2016 to May 2018).

Administrative Experience

1. Vice-Chancellor, VCSG Uttarakhand University of Horticulture & Forestry, Bharsar, Pauri Garhwal, 09 August 2017 – 08 August, 2018.
2. Vice-Chancellor, In-Charge from 15.05.2017 to 25.06.2017, VCSG Uttarakhand University of Horticulture & Forestry, Bharsar, Pauri Garhwal
3. Dean Post Graduate Studies, (VCSG UUHF, Bharsar), Pauri Garhwal from July, 2015-July, 2018.
4. Dean, College of Forestry, Ranichauri (VCSG UUHF, Bharsar), Tehri Garhwal, 1st June, 2014 – 15.05.2018.
5. Director Research, VCSG UUHF, Bharsar, 08.10.2015 – 20.01.2016
6. Chairman, Sports Council, HNB Garhwal University (27.07.06 – 26.01.09).
7. Assistant warden, Trishul PG and Research Hostel, HNB Garhwal University Srinagar Garhwal (Jan. 1995-Jan 1996).
8. Head, Department of Forestry H.N.B. Garhwal University Srinagar Garhwal, (April 1987-May 1991 & July 1997 - July 1998).
9. Assistant Proctor, HNB Garhwal University Campus Srinagar Garhwal (Sept 1987 - May 1989).
10. Head, Department of Botany, Garhwal University Campus Tehri, (August 1985 - May 1986).

Scientific Visits Abroad/ International Collaboration

1. 23rd International Union of Forest Research Organization World Congress (Forest for the future sustaining society and the environment) held at Seoul, Republic of Korea during 23rd to 28th August 2010.
2. Forest Biomass Conference 2013, organised by the Faculty of Forestry, Poznan University of Life Sciences, Poznan, Poland. October 07 – 09, 2013.

Conference/Symposium/Workshop Attended during last five years (2014-2019)

International

1. Attended/Presented Paper/Invited Talk/Keynote Address/Session Chair, Title of event, place, date, year

2.

National

1.

2.

Conference/Symposium/Workshop Organized during last five years (2014-2019)

1. Chairman/Convener/Organizing Secretary, Title of event, place, date, year

2.

3.

Publications during last five years (2014-2019)

Journals

1. **Sharma, C. M.**, Mishra A. K., Prakash, O., Dimri S., and 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):62-72.
2. Dimri, S., Baluni, P. and **Sharma C. M.** 2014. Growing stock of various Broad-leaved and conifer forests of Garhwal Himalaya. *International Journal of Conservation Science* 5 (4): 527-534.
3. Dimri, S., Baluni, P. and **Sharma, C. M.** 2014. Growing stock of various pure conifer forest types of central (Garhwal) Himalaya, India. *Int. J. Cur Res. Rev.*, 6 (22): 45-50
4. Pratibha Baluni, Suchita Dimri and **C. M. Sharma**, 2014. Structure, composition and characteristics of Oak forests of Uttarakhand. *Oaks*: 10: 17-30
5. V. P. Khanduri, K. S. Kumar, and **C. M. Sharma**, 2015. Role of pollen production in mating success in some tropical tree species. *Brazilian Journal of Botany*, 38: 107-112. **IF 0.958**
6. Tahir Nazir and **C. M. Sharma**, 2015. Rate of infiltration under different forest covers of Garhwal Himalaya. *Indian Forester*, 141 (9): 930-940
7. V. P. Khanduri, **C. M. Sharma**, K. S. Kumar and Kalpataru Kar, 2015. Biannual pollen production in *Lagerstroemia speciosa* (L.) Pers. (Lythraceae).

Grana, 54(1): 26-36. **IF 0.907**

8. **C. M. Sharma**, Ashish K. Mishra, Ram Krishan, O.P. Tiwari and Y. S. Rana, 2016. 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 1.242**
9. Suchita Dimri, Pratibha Baluni and **C. M. Sharma**, 2016. Biomass production and carbon storage potential of selected old-growth temperate forests in Garhwal Himalaya, India. *Proceedings of the National Academy of Sciences, India*. Section B: Biological Sciences. DOI 10.1007/s40011-016-0708-0.
10. K. S. Kumar, V. P. Khanduri, K. Kar, **C. M. Sharma** and M. K. Riyal 2016. Effect of Growth Regulators and Time on *In vitro* Pollen Germination in three Ornamental Tropical Tree Species. *Journal of Agricultural Science and Technology*, 18 (5): 1247-1255. **IF 0.828**
11. **C. M. Sharma**, O. P. Tiwari, Y. S. Rana, Ram Krishan, Ashish K. Mishra. 2016. 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): 329-343.
12. Sushma Singh, Zubair A Malik and **C. M. Sharma**. 2016. Tree species richness, diversity and regeneration status in different oak (*Quercus* spp.) dominated forests of Garhwal Himalaya, India. *Journal of Asia-Pacific Biodiversity*, 9(3): 293-300.
13. **C. M. Sharma**, Ashish K. Mishra, Ram Krishan, O. P. Tiwari and Y. S. Rana. 2016. Impact of climate on structure and composition of ridge top forests in Garhwal Himalaya. *Taiwania* 61(2): 61-69. **IF 0.602**
14. Suchita Dimri, Pratibha Baluni and **C. M. Sharma** 2017. Carbon dynamics in *Quercus semecarpifolia* (Kharsu Oak) and *Quercus floribunda* (Moru Oak) forests of Garhwal Himalaya, India. *Proc. Natl. Acad. Sci. India, Sec. B Biol. Sci.* DOI 10.1007/s40011-017-0852-1.
15. R. Krishan, O. P. Tiwari, Y. S. Rana, A. K. Mishra and C. M. Sharma, 2017. Changes in Levels of Soil Carbon and Forest Floor Carbon Stocks in the different Temperate Forests of Garhwal Himalaya. *Int J Cur Res Rev*, 9 (7): 5-10.
16. **C. M. Sharma**, Ashish K. Mishra, O. P. Tiwari, Ram Krishan and Y. S. Rana. 2017. Effect of Altitudinal gradients on forest structure and composition on ridge tops in Garhwal Himalaya. *Energy, Ecology and Environment*; DOI 10.1007/s40974-017-0067-6
17. Y. S. Rana, O. P. Tiwari, R. Krishan and **C. M. Sharma**, 2018. Determination of nutritional potential of five important wild edible fruits traditionally used in Western Himalaya. *Int. J. Life Sci*, 6 (1): 79-86.
18. O. P. Tiwari, Y. S. Rana, R. Krishan, **C. M. Sharma** and B. S. Bhandari, 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.
19. **C. M. Sharma**, O. P. Tiwari, Y. S. Rana, R. Krishan and A. K. Mishra, 2018 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 3.126**
20. Vinod Prasad Khanduri, Arun Sukumaran and **Chandra Mohan Sharma**. 2018. Reproductive biology of *Cornus capitata* Wall. ex Roxb.: A native species in East Asia. *Journal of Forestry Research* (779): DOI: 10.1007/s11676-018-0779-2. **IF. 1.155**
21. **C. M. Sharma**, Ashish K. Mishra, O. P. Tiwari, Ram Krishan and Y. S. Rana. 2018. Regeneration patterns of tree species along an elevational gradients in the Garhwal Himalaya. *Mountain Research and development* 38 (3): 211-219. **IF- 1.388**
22. Aman Dabral, B.S. Butola, V.P. Khanduri, C.M. Sharma and Dhanush C. 2018. Autotoxicity against seed germination, seedling emergence of *Quercus leucotrichophora* A. Camus Ex. Bahadur. *Journal of Pharmacognosy and Phytochemistry* 7(5): 1813-1816.
23. V. P. Khanduri, K. S. Kumar, **C. M. Sharma**, M. K. Riyal and Kalpataru Kar, 2019. Pollen limitations and seed set associated with year to year variation in flowering of *Gmelina arborea* in natural tropical forest. *Grana*. DOI: 10.1080/00173134.2018.1536164. **IF- 0.907**
24. Om Prakash Tiwari, Chandra Mohan Sharma, Yashwant Singh Rana and Ram Krishan, 2019. Disturbance, Diversity, Regeneration and Composition in Temperate Forests of Western Himalaya, India. *Journal of Forest and Environmental Science* Vol. 35, No. 1, pp. 6-24, <https://doi.org/10.7747/JFES.2019.35.1.6>.
25. V.P. Khanduri, Arun Sukumaran and C. M. Sharma, 2019. Male-skewed sex ratio in *Myrica esculenta*: a dioecious tree species. *Trees: Structure and Function*. Vol. (0123456789)13; <https://doi.org/10.1007/s00468-019-01850-5>. **IF- 1.799**

26.

Ar

vind Bijalwan, Pooja Verma , Manmohan J. R. Dobriyal , A. K. Patil , Tarun Kumar Thakur and

C. M. Sharma. 2019. Trends and insights of agroforestry practices in Madhya Pradesh, India. *Current Science* 117(4): 597-605. **IF-0.756**

Proceedings

27. **C.M. Sharma** and R.D. Gaur, 1984. Studies on the Morphology, germination and viability of Almond pollen. In: Development and comparative aspects of Plant structure and function (ed.) Dr. D. D. Nautiyal, pp. 191-193.
28. **C.M. Sharma** and R.D. Gaur, 1985. Pollen germination and viability in *Reinwardtia indica* Dumort at different altitudes. In: Recent Advances in pollen research. (ed.) Prof T.M. Varghese, M/S Allied Publishers, pp. 105-111.
29. **C.M. Sharma**, I.J. Singh and P.S. Roy. Estimation of productive potential of *Eucalyptus hybrid* plantations in Tarai area of Uttar Pradesh using satellite remote sensing data. Proc. National Symposium on Remote Sensing for Sustainable Development, November 17-19, 1992, Lucknow, pp 25-29
30. P.S. Roy, I.J. Singh, S. Singh, S.A. Hyderi and **C.M. Sharma**, 1993. Monitoring growth conditions of monospecies forest plantations using satellite remote sensing and geographic information system. In: Proceedings of international Symposium on operationalization of remote sensing held at Enschede, 1993. The Netherlands pp. 25-36.

Books

31. **C.M. Sharma**, 1993. Palynology in the genetic improvement of trees suitable for Agro- forestry. In: Agro-Forestry Indian perspective (Eds.) L.K. Jha and P.K. Sen Sarma, Ashish Publishing House, New Delhi. 183-189.
32. **C.M. Sharma**, 1994. Pollen germinability and longevity in selective tree breeding programmes. *Advances in Forestry Research in India*, 10: 157-167.
33. V. P. Khanduri and **C.M. Sharma**. 1999. Effect of Air temperature and humidity on microsporophyll dehiscence and pollen release in *Pinus roxburghii* Sargent. *Advances in Forestry Research in India*, 20: 235-244.
34. P.K. Bahuguna, **C.M. Sharma**, S. K. Ghildiyal and D. P. Nautiyal. 2000. Structure and composition of Banj oak forests along an altitudinal gradient in Garhwal Himalaya. *Advances in Forestry Research in India*, 22: 118-130.
35. **C.M. Sharma** and V.P. Khanduri, 2002. "Pollen production in some medicinal temperate Himalayan trees". In: *Series Recent Progress in Medicinal Plants Vol. 1- Ethnomedicinal & Pharmacognosy* (Eds: V. K. Singh, J. N. Govil & Gurdip Singh) SCI TECH Pub., USA, 381-390 pp.
36. M. Kumar, Dhaulkhandi, M. Rajwar, G. S. and C. M. Sharma 2007. Analytical characters and uses of some important traditional agroforestry trees of Garhwal Himalaya along altitudinal gradient of Garhwal Himalaya. *Advances in Forestry Research India* 29: 1-10 pp.

Total Number of Research Publications: 157