


### ACADEMIC PROFILE

Name	Designation	Specialization	Email	Phone	Photograph
Dr. Jeet Ram	Professor	Ecology, Forestry, Biodiversity, Seed Science	jeetram2001@yahoo.com	09412084571	

### ACADEMIC PROFILE

1. Name: Dr. Jeet Ram
2. Designation: Professor
3. Qualification: Ph. D
4. Area of Specialization/Research field: Ecology, Forestry, Biodiversity, Seed Science
5. Awards/Recognitions:
  - 2002 **Post Doctoral Research award:** University Grants Commission (UGC), New Delhi
  - 2002 **Refresher Course** in Forestry at Forest Research Institute Deemed University, Dehradun
  - 1998 **Visiting Fellow:** Ministry of Science and Technology, Science and Engineering Research Council visiting Fellowship, New Delhi at FRI, Dehradun, -99
6. Number of research projects: 09
  1. Ecology, nursery development and propagation of important medicinal plants in a remote area of Chamoli district. Funded by GBPIHED Almora (2013-2016)
  2. Establishment of Ideal nursery for Awala and Tejpat Chamoli Uttarakhand. Funded by National Medicinal Plant Mission Uttarakhand (HRVI) (2014-2017)
  3. Hazard Zonation mapping and forest fire risk modeling in Bageshwar district of Uttarakhand. Funded from Uttarakhand Council for Science and Technology, Dehradun (2007-2009).

4. Study on seed characteristics, regeneration and growth of important deciduous trees of Central Himalaya. Funded from Ministry of Science and Technology, New Delhi (2002-2005).
5. Ecological adaptations in oaks along the elevation gradients in Uttarakhand Himalaya. Funded from Council of Scientific and Industrial Research, New Delhi (2002-2004).
6. Evolution dynamics of Central Himalayan forests in relation to biodiversity. Funded by Indian Council of Forestry Research and Education, Dehradun (1996-1999).
7. Technology development for collection, Processing and testing of seed of six important tree species in Kumaun Himalaya. World Bank funded project through Indian Council of Forestry Research and Education, Dehradun (1997-2001).
8. Provenance cum progeny trials in *Populus ciliata*. World Bank funded project through Indian Council of Forestry Research and Education, Dehradun (1997- 2001).
9. Genetic improvement of *Pinus roxburghii*. World Bank funded project through Indian Council of Forestry Research and Education, Dehradun (1997-2001).

7. Number of Ph. D. Candidates successfully supervised:

Supervised:	12
Co-supervised:	2
Registered:	5

8. Number of Ph. D. Candidates successfully working: 5

9. Publication:

i. Books:	01 (Practical Forestry)
ii. Research Articles published in Journals:	(73)

1. Oindrila Basu, **Jeet Ram** and Anil Kumar , 2020. Ecosystem services and their economic valuation in sunderban mangroves of India. In Book: Proceedings International Biodiversity Congress (IBC) 2018. Publisher: Centre for Innovation in Science and Social Action (CISSA). Pp-190-195.
2. Shiv Paul, S.S. Samant, Manohar Lal and **Jeet Ram**. 2019. Population Assessment and Habitat Distribution Modelling of High Value *vulnerable Ferula jaeschkeana* for Conservation in North Western Himalaya. Medicinal plants-International Journal of phytomedicines and related industries Vol 11 (2). DOI: 10.5958/0975-6892.2019.00017.0 pp: 135-144.
3. S.K. Gupta, Hukum Singh and **Jeet Ram**. 2019. Need for a Novel Paradigm in Forestry Research: perspectives of comparative atmospheric cooling effect by different forestry tree species. Indian Forester, 145(6): 521-527.
4. Neeta Arya and **Jeet Ram**. 2019. Variation in species richness and other vegetational parameters in Pine and Mixed Broadleaf Forest of Central Himalaya. International Journal of Environment, Agriculture and

Biotechnology (IJEAB). Vol 4 (1).DOI: 10.22161/ijeab/4.1.25. Pp 154-162.

5. S.K. Gupta, **Jeet Ram** Hukum Singh and Parmanad Kumar. 2018. Comparative Study of Cooling under Shades of Some Forestry Tree Species with Respect to Ambient Temperatures. Journal of Geo-science and Environment Protection, 6: 51-66.
6. Shiv Paul, S.S. Samant, Manohar Lal and **Jeet Ram**. 2019. Population Assessment and Habitat Distribution Modelling of High Value *Corylus jacquemontii* for *in situ* Conservation in the State of Himachal Pradesh, India. Proceedings of the Indian National Science Academy. Vol: 84. DOI: 10. 16943/ptinsa/49507, pp 275-289.
7. Shiv Paul, S.S. Samant, Manohar Lal and **Jeet Ram**. 2018. Population Assessment and Ecological Niche Modelling of *Carpinus viminea* Wall. ex Lindl. – A Multipurpose tree for Conservation in the Indian Himalayan Region. Proc Indian Natn Sci Acad 84: 681-694.
8. Poonam Prasad, **Jeet Ram** and Jitendra Bhatt, 2018. A Comparison Of Canopy Cover Measured Through Transect And Densiometer In Oak Forest Of Central Himalaya, India. ENVIS Bulletin Himalayan Ecology, Vol 26:29-32.
9. Poonam Prasad and **Jeet Ram**, 2017. Variation in plant biodiversity of *Quercus leucotrichophora* A. Camus forest along canopy cover in Central Himalaya. EVIS Bulletin Himalayan Ecology, Vol 25, 106-110.
10. Nasim Ahmad Ansari and **Jeet Ram**, 2016. Soil quality assessment in difference vegetation structures of Surajpur lake: An urban wetland of Upper Gangetic plain, Northern India. Journal of Applied and Natural Science. 8 (4): 2283-2291.
11. Nasim Ahmad Ansari and **Jeet Ram**, 2016. Satellite Wetlands and Its Avifaunal Diversity in an urban Landscape Gautam Budh Nagar, National Capital Region, India. Global Journal of Environmental Research 10 (1): 01-13, ISSN 1990-925X
12. Neeta Arya and **Jeet Ram**. 2016. Influence of canopy cover on vegetation in *P. roxburghii* sarg (Chir-pine ) dominated forests in Uttarakhand Himalaya, India. International Journal of Bioassays 56: 4617-4620.
13. Jitendra Bhatt and **Jeet Ram**. 2015. Seed maturity indices in *Carpinus viminea* (Himalayan Hornbeam) along with altitudinal gradients in relation to climate change. *International Journal of Recent Scientific Research*: 6:5237-5242.
14. Nandan Singh, **Jeet Ram**, Ashish Tewari and R. P. Yadav. 2015. Phenological events along the elevation gradient and effect of climate change on *Rhododendron arboreum* Sm. in Kumaun Himalaya. *Current Science*: 108 (1):106-110.
15. Nasim Ahmad Ansari and **Jeet Ram**, 2015. Structure and composition of Butterfly (Lepidoptera: Rhopalocera) fauna in Surajpur wetland, National Capital Region, India. Asian Journal of Conservation Biology. Vol. 4 No. 2, pp109-120. AJCB: FP0060ISSN 2278-7666.

16. Nandan Singh, Kamini Tamta, Ashish Tewari and **Jeet Ram**. 2014. Studies on Vegetational Analysis and Regeneration status of *PinusRoxburghii*, *Roxb.* and *QuercusLeucotrichophora* Forests of Nainital Forest Division, Global Journal of Science Frontier Research: C Biological Science .Vol14(3). ISSN 2249-4626.
17. Vivek Pandey, BeenaTewari, Ashish Tewari and **Jeet Ram**. 2014. Comparison of Tree Vegetational Parameters Within and Outside a Protected Area of Kumaun. ISSN NO:: 2348 – 537X. International Journal of Multidisciplinary Approach and studies. Volume 01, No.5, pp 121- 135.
18. Vivek Pandey, BeenaTewari, Ashish Tewari and **Jeet Ram**. 2014. Vegetational parameters in different disturbance regimes in Corbett National Park. ISSN NO:: 2348 – 537X. International Journal of Multidisciplinary Approach and studies. Volume 01, No.6, pp 167-184.
19. V. Singh, R. Thadani, A. Tewari and **J. Ram**. 2014. Human influence on banj-oak (*Quercusleucotrichophora*, A. Campus) forests of central Himalaya. Journal of Sustainable Forestry. Published online March 2014.
20. Shipra Shah, **Jeet Ram**, Nazir A. Pala, PriyankaTripathi and Mukesh Kumar.2014.Medicinal plant wealth of Oak dominated forests in Nainital catchment of Uttarakhand. Academia Journal of Medicinal Plants 2(1): 006-013.
21. Neeta Arya and **Jeet Ram**, 2013. Effect of canopy opening on Species Richness in *Pinusroxburghii*Sarg. ( Chir-Pine) Forest in Uttarakhand Himalaya. Paripex- Indian Journal ofResearch. Volume 2 (4)
22. Neeta Arya, BeenaTewari and **Jeet Ram**. 2012. The effect of natural and anthropogenic disturbancein forest canopy and its effect on species richness in forests of Uttarakhand Himalaya, *India*. (ISSN: 1067-4136 *Russian Journal of Ecology*, Vol 42, No. 2, pp. 117-121.
23. Joshi Gunjan, G.C.S. Negi and **Jeet Ram**. 2012. Provisioning Services of Forest Ecosystems in the Western Himalayan Mountains. In G.C. S. Negi and P.P. Dhyani (eds.) Glimpses of Forestry Research in the Indian Himalayan Region P139-148. Bishan Singh Mahendra Pal Singh, Dehradun.
24. Joshi Mukesh, Y.S. Rawat and Jeet Ram. 2012. Seasonal variations in species diversity, dry matter and net primary productivity of herb layer of *Quercusleucotrichophora*- *Pinusroxburghii*mixed forest in Kumaun Himalaya, India. *Journal of Forestry Research* 23 (2): 223-228.
25. Mehrotra, P. P. Mehrotra and J Ram. 2001. The pattern of resource allocation in wild herbs of early (Chir-pine) and late successional (Oak) communities in Central Himalaya. *Oecologia Montana*, 10, 19-23
26. Neeta Arya and **Jeet Ram** 2011. Forest disturbance and its impact on species richness and regeneration of Uttarakhand Himalaya. *New York Science Journal* 2011; 4(6):21-27. (ISSN: 15541554-0200).
27. **Jeet Ram**, BeenaTewari and Neeta Arya. 2010. Ecology of medicinal plants inUttarakhandHimalya, India. *The Indian Forester*, 136: 1223-1229.
28. Gurarni, Divya, Neeta Arya, Anil yadava and **Jeet Ram**. 2010. Studies on plant biodiversity of pure *Pinusroxburghii*Sarg forest and mixed pine –oak forest in uttarakhand Himalaya. *New York Science Journal* 3 (8): 1-5.

29. Chandra J., V. S. Rawat, Y. S. Rawat and **Jeet Ram**. 2010. Vegetation diversity along an altitudinal range in Garhwal Himalaya. *International Journal of Biodiversity and Conservation* 2 (1): 14-18.
30. Singh, Vishal, A. Tewari, **Jeet Ram** and Chandan Singh. 2009. Aspect related in biomass stocks and carbon sequestration rates of *Shorea robusta* (Sal) forest of Central Himalaya. *Report and Opinion* 1 (2): 56-60.
31. Bhatt, J. and **Jeet Ram**. 2009. Ecology and regeneration of *Carpinus viminea* Wall: A lesser known tree species of the Himalaya. *The Indian Forester* 135: 559-570.
32. Bhatt, J. and **Jeet Ram**. 2007. Seed and Seedlings characteristics of the Himalayan hornbeam (*Carpinus viminea* Wall), India. *Ecological Research* 22: 156-159.
33. Pandit, A. and **Jeet Ram**. 2006. Effect of Pretreatment on seed germination of *Pinus roxburghii*, Sargol Uttaranchal Himalaya, India. *The Indian Forester* 132: 1477-1486.
34. Tewari, Beena and **Jeet Ram**. 2006. Site differences in seed characteristics and germination of some important deciduous species in Uttaranchal Himalaya. In: S. S. Negi, P. K. Srivastava, Manisha Thapliyal and Ombir Singh (eds) *Proceedings of the XII<sup>th</sup> Silviculture Conference*. Pp 194-197. FRI (ICFRE), Dehradun, India.
35. Bhatt, Jitendra and **Jeet Ram**. 2006. Tree characteristics and phenology of *Betula alnoides*, Buch-Ham ex D. Don in Uttaranchal Himalaya. In: S. S. Negi, P. K. Srivastava, Manisha Thapliyal and Ombir Singh (eds) *Proceedings of the XII<sup>th</sup> Silviculture Conference*. Pp 198-206. FRI (ICFRE), Dehradun, India.
36. Vishal Singh, Ashish Tewari, Munish Gupta and **Jeet Ram**. 2006. The pre logged stocks of carbon in *Shorea robusta* and *Quercus semecarpifolia* forests of Uttaranchal and their C sequestration rates- A tradable NTFP. *International Journal of Forestry Usufructs Management* 7: 1-5.
37. **Jeet Ram**, Beena Tewari and Chanda Pant 2006. Infestation of oak trees by the flowering parasite (*Taxillus vestitus* Wall. Danser) at Nainital in Uttaranchal. *Current Science* 90: 562-563.
38. **Jeet Ram**, J. Bhatt and P. Kumar 2005. Tree and Shrub diversity of mid-elevation forests of Uttaranchal Himalaya. *Bulletin of the National Institute of Ecology* 16: 95-104.
39. Bhatt, J. and **Jeet Ram**. 2005. Seed characteristics and germination in *Quercus leucotrichophora* A. Camus along the elevational gradient. *Bulletin of the National Institute of Ecology* 15: 207-213.
40. **Jeet Ram**. 2005. Biodiversity and Conservation of High Altitude Meadows of Uttaranchal Himalaya. *Bulletin of the National Institute of Ecology* 15: 11-17.
41. Kumar, A. and **Jeet Ram**. 2005. Anthropogenic disturbances and plant biodiversity in forests of Uttaranchal, Central Himalaya. *Biodiversity and conservation*, 14: 309-331.
42. **Jeet Ram** and Arvind Kumar. 2004. Plant growth forms as an indicator of disturbance in the forests of Uttaranchal. HIMA-PARYAVARAN (news letter G B Pant Institute of Himalayan Environment and

Development, Almora), 16: 7-8.

43. **Jeet Ram**, Beena Tewari and Neeta Arya. 2004. Variation in plant biodiversity of chir-pine and banj-oak forests of Uttaranchal Himalaya. In: K. Muthuchelian (ed.) "*Biodiversity Resource Management and Sustainable Use*". Pp 54-56. Centre for Biodiversity and Forest Studies, Madurai Kamaraj University, Madurai.
44. Pandit, A. and **Jeet Ram**. 2004. Effect of collection date on cone and seed characteristics in Himalayan cypress (*Cupressus torulosa* D. Don). *Journal of Tropical Forest Science* 16: 308-317.
45. **Jeet Ram** and Beena Tewari. 2005. Plant biodiversity of Uttaranchal Himalaya: Ecosystem services and conservation. In : Uma melakania, H.J. Prasad and Jyothi Prasad (eds). *Integrated Management of Natural Resources in Mountains*. G. B. Pant University of Agriculture and Technology Pantnagar.
46. **Jeet Ram**, A. Kumar and J. Bhatt. 2004. Plant diversity in six forest types of Uttaranchal Himalaya. *Current Science*, 86: 975-978.
47. Pandit, Atul, Kavita Pant and **Jeet Ram**. 2002. Effect of collection date on capsule moisture content and germination of *Populus ciliata* Wallex Royle from Central Himalaya, India. *New Forest*, 23: 121-130.
48. Sharma P., J. Bhatt and **Jeet Ram**. 2001 (2004). Diversity in herbaceous plants in mid elevation forests of Uttaranchal Himalaya. *Van Vigyan*, 39 (1-4): 82-90.
49. Tewari Pankaj, Ashish Tewari and **Jeet Ram** 2001. Seed characteristics and germination behaviour of some important conifer trees of Central Himalaya, India. *Journal of Tropical Forest Science*, 13: 140-147.
50. Khera, Neeraj, Arvind Kumar, **Jeet Ram** and Ashish Tewari. 2001. Plant Biodiversity assessment in relation to disturbances in mid-elevation forest of Central Himalaya, India. *Tropical Ecology*, 42: 83-95.
51. **Jeet Ram**, Richa Bisht and Arvind Kumar. 2001. Oak forests of Uttaranchal Himalaya: status and management. *Journal of Indian Botanical Society*, 80 195-199.
52. Kumar, A., **Jeet Ram** and R. P. Singh. 2000. Vegetation analysis along the disturbance gradient in oak and pine forests of Central Himalaya, India. *Indian Journal of Tropical Biodiversity*, 7- 8: 1-14.
53. Singh R.P., Faize Mohsin, A. Tewari and Jeet Ram. 1998. Yield of some aromatic plants in Agroforestry practices in Terai region of Kumaun, India. International Seminar on Sustainable Forest Management, Pokhara, Nepal.
54. Pandit, A., Ashish Tewari and **Jeet Ram**. 1998. Tree layer analysis and regeneration in a mixed conifer-oak forest in Central Himalaya. *Indian Journal of Forestry*, 21: 290-297.
55. **Jeet Ram**. 1997. Forests and their sustainability in Central Himalaya, India. In: Proceedings of the XI World Forestry Congress, Antalya, Turkey.

56. Zobel, D.B., **Jeet Ram** and S.S. Bargali. 1995. Structural and physiological changes in *Quercusleucotrochophora* and *Pinusroxburghii* associated with stand disturbance in Kumaun Himalaya, India. *International Journal of Ecology and Environmental Science*, 21: 45-66.
57. **Jeet Ram**, G.L. Sah and S.P. Singh. 1995. Vegetation mapping in higher Himalaya; Baideni-Alee bughiyal a case. Pages 371-397. In: B.R. Pant and M.C. Pant (eds.), *Glimpses of Central Himalaya: A socio-economic and ecological perspective*. Radha Publication, New Delhi.
58. **Jeet Ram** and S.P. Singh.1994. Ecology and conservation of alpine meadow in Central Himalaya, India. In: Y.P.S. Pangtey and R.S. Rawal (eds.), *High altitude of the Himalaya (Biogeography, Ecology and Conservation)*. Pages 33-55. GyanodayaPrakashan, Nainital, India.
59. **Jeet Ram**, P. Arya and J.P.S. Manral. 1993. Status and management of grazingl and in Central Himalaya, India. In: Vir Singh (ed.) *Ecocrisis in the Himalaya: Causes, Consequences and way- out*. Page 207-232. International Book distributors, Dehradun, India
60. Rekhari, H.C., G.C.S. Negi, **Jeet Ram** and S.P. Singh. 1993. Human induced secondary succession in an alpine meadow of Central Himalaya, India. *Arctic and Alpine Research*, 24: 8-14.
61. Negi, G.C.S., H.C. Rekhari, **Jeet Ram** and S.P.Singh. 1993. Foraging Niche characteristics of Horse, Sheep and Goat in an alpine meadow of The Indian Central Himalaya. *Journal ofApplied Ecology*, 30: 383-394.
62. **Jeet Ram** and Y.S. Rawat. 1992. Bughiyal-Rudranath: Sampda and Sankat (in Hindi). *Pahar*, 516: 128-132.
63. **Jeet Ram**. 1992. Effect of clipping on aboveground biomass and total herbage yield in grassland above treeline in Central Himalaya, India. *Arctic and Alpine Research*, 24: 78-81.
64. **Jeet Ram** and Pushpa Arya. 1991. Plant form and vegetation analysis of an alpine meadow of Central Himalaya, India. *ProceedingsIndian National Science Academy*, B57: 311-318.
65. **Jeet Ram**, S.P. Singh and J.S. Singh. 1991. Effect of fertilizer on plant biomass distribution and net accumulation rate in alpine meadow in Central Himalaya, India. *Journal of Range Management*, 44:140-143.
66. **Jeet Ram**. 1991. Chemical composition of certain alpine forage plants of Central Himalaya. *Range Management and Agroforestry*, 12: 121-123.
67. Sah, V.K. and **Jeet Ram**.1989. Biomass dynamics, species diversity and net primary production in temperate grassland of Central Himalaya, India. *Tropical Ecology*, 30: 294-302.
68. **Jeet Ram**, J.S. Singh and S.P. Singh. 1989. Structure and function of the Central Himalayan Alpine grassland. In: *Proceeding XVIIInternational grassland Congress*, Vol. II: 1485-1486. Nice, France.
69. Upadhyay, V.P., **Jeet Ram** and R.P. Singh. 1989. Analysis of herbaceous vegetation under *Quercusleucotrichophora*, A.Camus, forest in Kumaun Himalaya. *Research Journal of Plant and Environment*, 5 (1): 41-46.

70. Upadhyay, V.P., **Jeet Ram** and R.P. Singh. 1989. Ecology and environment of a part of Western Himalaya. *Advances in Forestry Research Vol. IV: 205-212.*
71. **Jeet Ram**, J.S. Singh and S.P. Singh. 1989. Plant biomass, species diversity and net primary production in Central Himalayan high altitude grassland, India. *Journal of Ecology*, 77 : 456-468
72. Singh, S.P., **Jeet Ram** and R.P. Singh. 1988. Forage production, utilization in Central Himalayan Rangelands. In: *Pasture and Forage Crop Research-A state of Knowledge*, IGFRE Report. Pages 86-96. Panjab Singh (Ed.), Range Management Society of India, Jhansi. III International Rangeland Congress, New Delhi, India.
73. **Jeet Ram**, S.P. Singh and J.S. Singh. 1988. Community level Phonology of grassland above treeline in Central Himalaya, India. *Arctic and Alpine Research*, 20: 325-332.

iii) Paper presented in Conferences/Seminars:

- i. National Seminar on “**Research Methods in Forestry and Climate Change**”, Nainital, 2010.  
Department of Forestry and Environmental Science, Kumaun University, Nainital.  
Convener
- ii. Workshop on “Promoting Entrepreneurship in Science and Technology Institutions”.  
Entrepreneurship development Institute of India and Department of Science and  
Technology Government of India, New Delhi, 2009.
- iii. Workshop on “Real time monitoring and early working system for forest fire on Uttarakhand  
using satellite technology”. Uttarakhand space application Centre and Uttarakhand forest  
Department, Dehradun, 2008.
- iv. International Tropical Ecology Congress, Dehradun (Uttarakhand), 2007
- v. International symposium on breeding and improvement of Asian Conifers during 20th Century.  
FRI, Dehradun (Uttaranchal) 2006
- vi. Symposium on “Himalayan biodiversity- Issues and options for Priority Research”. G. B. Pant  
Institute of Himalayan Environment and Development, Almora (Uttaranchal), 2006.
- vii. National workshop on “Patenting: what, why and how”. Kumaun University, Nainital  
(Uttaranchal), 2006.
- viii. Workshop on “Integrated Management of Natural Resources in Mountains. Department of  
Environmental Science and Civil Engineering, G. B. Pant University of Agriculture and  
Technology, Pantnagar, U. K. 2005.
- ix. National workshop on Biodiversity Resource Management and Sustainable Use. Madurai  
Kamaraj University, Madurai (Tamil Nadu), 2004.
- x. National Seminar on “Ecology and Environmental management: issues and research needs”.  
Kurukshetra University, Kurukshetra (Haryana), 2004.
- xi. National Training workshop on “*Natural Resource Management - Changing Scenarios and  
Shifting Paradigms*”. Kerala Agriculture University, Thrissure, 2003.



- xii. Workshop cum peer review on Seed project, AFRI, Jodhpur, 2000.
- xiii. Workshop cum peer review on Pine project, HFRI, Shimla, 2000.
- xiv. Workshop cum peer review on Seed, ICFRE, Dehradun, 1999.
- xv. Workshop cum peer review on Pine, ICFRE Dehradun, 1998.
- xvi. Workshop cum peer review on *Populus*, ICFRE, Dehradun, 1998.
- xvii. International Workshop on Forestry Research Methods, UNDP-ICFRE, Jabalpur, 1995.
- xviii. XVI International Grassland Congress, Nice, France, 1989.
- xix. III International Rangeland Congress, New Delhi, 1988.
- xx. Workshop on Biomass-Production and Utilization, Nainital, 1988.
- xxi. IX International Symposium on Tropical Ecology and Rehabilitation of disturbed ecosystem, Varanasi, 1987.
- xxii. Seminar of Society of Green Vegetation Research and Center for Advanced Study in Botany, Varanasi, 1987.
- xxiii. Indian Science Congress, Lucknow, 1985.

iv) Chapter published in Books: NA

v) Monographs/Reports if any: NA

vi) IPR Registered/Award: NA

9. Conference/Seminar Organized: 01 (2010)

10. Session Chaired in Conferences/Seminars: NA

11. Academic/Administrative position held:

2010- 2015. **Professor and Head**, Department of Forestry and Environmental Science, Kumaun University, Nainital.

2008- **Head**, Department of Forestry, Kumaun University, Nainital

2007-2008 **Professor in Botany**, HNB Garhwal University, Srinagar

2004-2007 **Reader in Forestry**, Kumaun University, Nainital.

2003-2004 Lecturer Selection grade in Forestry

1998-2003 **Senior Lecturer** in Forestry, Kumaun University, Nainital.

- 1994-98      **Lecturer** in Forestry, Kumaun University, Nainital.
- 1992-94      **Assistant Education Officer (Technical), Ministry of Human Resource Development, Department of Education, New Delhi.**
- 1992-92      Research Associate, CSIR, New Delhi.
- 1992-92      Lecturer (PT), Department of Forestry, Kumaun University, Nainital
- 1991-91      Lecturer (PT), Department of Botany, Kumaun University, Nainital.
- 1989-91      Research Associate, Central Himalayan Grazingland Project, Ministry of Environment and Forests, New Delhi.
- 1988-89      Senior Research Fellow, Nanda Devi Biosphere Reserve Project, Ministry of Environment and Forests, New Delhi.
- 1985-88      Senior Research Fellow, CSIR, New Delhi.
- 1983-85      Junior Research Fellow, **NET**, CSIR, New Delhi.

#### **Administrative Assignments**

10. 2019 contd. Coordinator, Agriculture department
9.      2009                                      Asst. supdt. Exam (Evening)
8.      2008- Contd. **Head**, Department of Forestry, Kumaun University
7.      1994 – 99 & 2002-2005.              Member Admission Committee in B.Sc.I (Bio.)
6.      1994 – 2000. Member Admission Committee in M. Sc. I (Forestry).
5.      1995–99 & 2002-2007. Assistant Proctor, Kumaun University.
4.      1996 – 2004. Member Board of Studies in Forestry, Kumaun University.
3.      1996 – 2004.      In charge cross country race, DSB Campus, Kumaun University.
2.      1999 –2000 & 2002-2006. Assistant Superintendent Examination, DSB Campus, Kumaun University, Nainital.
1.      1999 – 2001. Assistant Dean Student Welfare, Kumaun University.

#### 12. Membership to professional Organization/Associations: International Society

for Tropical Ecology, Varanasi National Institute of Ecology, New Delhi

Society of Indian Foresters (Life member) Indian

Botanical Society (Life Member)

13. Any other Information:

NA

Date: 13/03/2021

A handwritten signature in blue ink, consisting of stylized, overlapping letters that appear to be 'FE' or similar.

Signature of Faculty Member