

CURRICULUM VITAE

Name of Candidate: **DR. BHAGWATI PRASAD BHATT**

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Research Experience: 38 Years (including D.Phil.)

Teaching Experience: 12 Years

Area of Specialization: Agroforestry, Farming System Res. & Conservation Agriculture

Positions Held

Sl. No.	Position/Designation	Place of Posting
1	Director	ICAR-IISWC, Dehradun
2	Officer on Special Duty (OSD)	Office of Secretary DARE & DG, ICAR New Delhi
3	Assistant Director General (International Relations)	Krishi Bhawan, New Delhi
4	Principal Scientist (Agroforestry)	NRM Division, ICAR, KAB-II, Pusa, New Delhi 110 012
5	Officer on Special Duty (OSD)	NRM Division, ICAR, KAB-II, Pusa, New Delhi 110 012
6	Director	ICAR Research Complex for Eastern Region, ICAR Patna, B.V. College, Patna- 800 014
7	Joint Director	ICAR Research Complex for NEH Region, Nagaland Centre, Jharnapani
8	Principal Scientist (Forestry)	ICAR Research Complex for NEH Region, Umiam, Meghalaya
9	Senior Scientist (Forestry)	ICAR Research Complex for NEH Region, Umiam, Meghalaya
10	Senior Lecturer and Lecturer (Forestry)	Department of Forestry, H.N.B. Garhwal University, Srinagar Garhwal

Research Publications

- Research papers published in International/National Journals- 280 Nos.
- Book chapters- 70 Nos.
- Popular Articles- 19 Nos.
- Books (edited/authored)- 20 Nos.
- Technical Bulletins- 32 Nos.
- Extension Bulletins- 03 Nos.
- Policy Document- 04 Nos.
- Policy Paper- 01 No.
- Policy Brief- 04 Nos.
- Manuals/Training Manuals- 09 Nos.

Research Supervision: 9 Students for Ph.D. Degree

Awards:

- Received award for the outstanding contribution in **“Forest (Silviculture) Research, for the year 1998-99”** from ICFRE, Dehradun Uttarakhand.
- Received **“Fakhruddin Ali Ahmed Award for the Biennium 2004-2005”** for the outstanding contribution on **Intensive Integrated Farming System for Livelihood Security in NEH Region**.
- **Eminent Scientist Award- 2011** for outstanding research contributions for advancement of scientific knowledge in the field of agriculture, conferred in International Conference on Life Science Research for Rural and Agricultural Development, 27/12/2011.
- **Rajiv Gandhi Arch for Excellence Award, 2013-** Certificate of excellence for outstanding individual achievements and distinguished services in the field of agriculture.
- **“Fakhruddin Ali Ahmed Award”** for the outstanding contribution in the field of **Tribal Farming Systems** for the year 2013.
- Rajiv Gandhi National Award **for book on “Samekit Krishi Pranali ek Vrihad Drishtikon”** for the year 2013.
- **Ganesh Shankar Vidyarthi Hindi Patrika Puraskar 2014-15**, conferred by Indian Council of Agricultural Research, New Delhi
- **M. S. Swaminathan National Award** for the outstanding contribution in Hill Agriculture for the biennial 2015-17.
- **Dr. Rajendra Prasad Puraskar** for Technical Book Writing in Agricultural & Allied Sciences, 2016.
- **Outstanding Achievement Award** for Excellence in Research, conferred by Society for Agriculture Innovation & Development (SAID), Ranchi on the occasion of National Conference on Livelihood and Food Security (LFS-2018) held at Patna on 27th January, 2018.
- **Lifetime Achievement Award** for attributed in recognition of research quality, novelty and significance, conferred by Endling Conferences, Pune, Maharashtra in the International Conference on Food & Agriculture (ICFA- 2018) held at Dhanbad, Jharkhand during 29-31 March, 2018.
- **Edunuri Agaiah Memorial Award** for outstanding contribution in the field of Agricultural Research, conferred by Science & Tech Society for Integrated rural Improvement (S&T SIRI), Thorrur, Mahabubabad, Telangana in the 2nd National Conference on Doubling Farmers Income for Sustainable & Harmonious Agriculture (DISHA)- 2018 held at IINRG, Ranchi during 11th – 12th August, 2018.

Fellowships

- Fellow, National Academy of Agricultural Sciences (FNAAS)- 2009
- Fellow, National Institute of Ecology- 2014
- Fellow, National Academy of Biological Sciences, Basic Science (Botany)- 2018
- Fellow, Indian Society of Agroforestry- 2018

Visit Abroad

- Represented the country in Multi Country Study Mission on **“Rehabilitation of Forests Degraded by Disasters”**, held at Tokyo, Japan w.e.f. 4th to 11th October 2005.

- “Multiple Water Use Systems for the Hilly Areas” at IWMI Nepal, sponsored by IWMI/IRRI during 3-5 March, 2009.
- “Special Steering Committee Meeting”, held at IWMI Office at Colombo, Srilanka w.e.f. 21/06/2012 to 23/06/2012.
- Regional conference on “Integrated Agriculture for Food Security and Adaptation to Climate Change”, organized by Ambo University, Ethiopia during 4-6 June, 2013.
- Training programme on “Leadership Decision Making: Optimizing Organizational Performance”, held at Harvard Kennedy School, Boston, USA during 23-28 June, 2013.
- Workshop on “Farming Systems Analysis” held at Wageningen University, The Netherlands during 22-24 August, 2017.
- Regional Policy Dialogue on “Scaling Conservation Agriculture for Sustainable Intensification (SCASI)” at Dhaka, Bangladesh during 8-9 September, 2017.
- Attended Executive Development Programme on “Developing Effective Organizational Leadership for Senior Officers of ICAR” held during 21st to 30th September, 2019 at Netherlands, Belgium, Germany and Switzerland.

Research Schemes Completed:

- Research and Development of Agroforestry Models for Garhwal Hills, sanctioned by Directorate of Environment, Govt. of U.P., Lucknow (Co-investigator).
- Studies on Oak based Agroforestry Systems for Garhwal Region, sanctioned by ICAR, Govt. of India, New Delhi (Principal Investigator).
- Planting Stock Improvement of *Dalbergia sissoo*, funded by ICFRE, Dehradun (Principal Investigator).
- Pilot project entitled Wastelands Development in Non-forested Areas through Agroforestry Models, funded by Ministry of Rural Areas and Employment, DoWD, GoI, (Principal Investigator).
- Seed Technology of Priority Species" funded by ICFRE (Co-investigator).
- All India co-ordinated project on *Albizia lebbek*, funded by ICFRE (Co-investigator).
- Demonstration of Sloping Watershed Environmental Engineering Technology (SWEET) for Restoration of Degraded lands in Garhwal Himalaya, funded by GBPIHED, Kosi Katarmal, Almora (Co-Investigator).
- Pilot project on “Development of non-forest wastelands through agroforestry model in North astern Hill Region”, funded by Department of Land Resources, MoRD, GoI, (Principal Investigator)
- Research scheme entitled “Studies on allelopathic interactions in agroforestry systems in Garhwal Himalaya”, funded by ICAR, Govt. of India, New Delhi (Principal Investigator).
- Research scheme on “Germplasm collection, propagation and young shoot production of some edible bamboo species of Meghalaya, Sikkim and Mizoram States”, funded by ICAR, Govt. of India (Principal Investigator).
- Screening of suitable genotypes of *Parkia roxburghii* for agroforestry systems in NEH region, funded by GBPIHED, Kosi- Katarmal, Almora, Uttaranchal (Principal Investigator).
- Nutritive Value, Anti-nutritional and Toxic Factors and Domestication Potential of some edible wild foods of Meghalaya, funded by GBPIHED, Kosi- Katarmal, Almora, Uttaranchal (Principal Investigator).
- Studies on Integrated Agroaquaculture Agroforestry Systems in Eastern Hill Region, funded by ICAR, Govt. of India, New Delhi (Principal Investigator).

- National Network on Integrated Development of *Jatropha*, funded by National Oilseeds and Vegetable Oils Development Board, Min. of Agr., Govt. of India (Principal Investigator).
- Development of Non- Forest Wastelands through Agroforestry Interventions in Nagaland State of NEH Region, funded by Department of Land Resources, MoRD, Govt. of India, New Delhi (Principal Investigator).
- NAIP on Livelihood improvement and empowerment of rural poor through sustainable farming systems in NE India (Co-investigator).
- Mega seed project on Pig and Poultry (Principal Investigator).

Other Assignments

- Permanent Special Invitee, Bihar State Productivity Council
- Life Member, Trust for Advancement of Agricultural Sciences (TAAS), New Delhi
- Life Member, National Academy of Biological Sciences (NABS) w.e.f. 08/01/2018
- Member, Agricultural Research Service (ARS) of ICAR, New Delhi w.e.f. 12/12/2017
- Nodal Officer, Strengthening the Eastern Region of India for bringing Green Revolution in Eastern Region, vide letter No. ADG (Coord)/ ICAR/2016, dated 01/02/2016
- Member, Standing Working Group (Agroforestry, NTFP, biodiversity and forest ecosystem), State Planning Commission, Govt. of Chhattisgarh, dated 20/04/2016
- Member, General body of the ICAR Society, vide letter No.- 6(2)/2006-Gov. Cell, dated 21.01.2015
- Member, Academic Council, Assam Agricultural University, Jorhat, vide letter AAU/ RG/AC-Mem. /01/ 2014-15/ and AAU/ RG/ ACAD-220/ 2014-15/10073, dated 10.11.2014
- Member, State Level Executive Committee of National Livestock Mission under Livestock and Fishery Resources Department, Govt. of Bihar, Patna
- Member, Board of Management of Bihar Agriculture University, Sabour, Bhagalpur, Bihar, vide letter No. 2974/Registrar/ BAU, Sabour dated 12.09.2013
- Member, Core Committee for National Horticulture Mission, Jharkhand for Role of Non-traditional States in Cashew Development, vide letter no. NHM/1561 dated 05.09.2013
- Member, National Nursery Assessment and Accreditation Committee. Notified under the provisions of Accreditation Protocol for Agroforestry Nurseries by Ministry of Agriculture and Farmers' Welfare vide F. No. 18-1/2023-NRM-AF (FTS: 132982), dated 20/12/2023

LIST OF PUBLICATIONS**I. Research Publications in the National & International Journals**

1. **Bhatt, B.P.** and Todaria, N.P. (1990). Fuel-wood characteristics of some mountain trees and shrubs. *Biomass*, **21**:233-238.
2. **Bhatt, B.P.** and Todaria, N.P. (1990). Vegetative propagation of tree species of some social forestry value in Garhwal Himalaya. *J. Trop. Forest Science*, **2**: 195-210.
3. **Bhatt, B.P.** and Todaria, N.P. (1990). Studies on the allelopathic effects of some agroforestry tree crops of Garhwal Himalaya. *Agroforestry Systems*, **12**: 251-255.
4. **Bhatt, B.P.** and Badoni, A.K. (1990). Characteristics of some mountain firewood shrubs and trees. *Energy*, **15**: 1069-1070.
5. **Bhatt, B.P.** and Todaria, N.P. (1990). Seasonal rooting behaviour of stem cuttings of some agroforestry tree species of Garhwal Himalaya. *Ind. J. For.*, **13**(4): 362-364.
6. **Bhatt, B.P.** and Todaria, N.P. (1991). Biomass production in some leguminous taxa under a short rotation cycle. *Nitrogen Fixing Tree Research Reports*, **9**: 4-5.
7. **Bhatt, B.P.** and Todaria, N.P. (1992). Fuelwood characteristics of some Indian mountain species. *Forest Ecology & Management*, **47**: 363-366.
8. **Bhatt, B.P.** and Todaria, N.P. (1992). Firewood characteristics of some mountain trees and shrubs. *Commonwealth Forestry Review*, **71**: 183-185.
9. **Bhatt, B.P.** and Badoni, A.K. (1993). Studies on vegetative propagation in *Ficus glomerata* L. Moraceae stem cuttings. *Indian Forester*, **119**(3): 247-251.
10. **Bhatt, B.P.**; Chauhan, D.S. and Todaria, N.P. (1993). Phytotoxic effects of tree crops on germination and radicle extension of some food crops. *Tropical Sci.*, **33**: 69-73.
11. **Bhatt, B.P.** and Todaria, N.P. (1993). Propagation of *Bauhinia retusa* by stem cuttings in Garhwal Himalaya. *Indian Journal of Forestry*, **16**: 172 - 173.
12. **Bhatt, B.P.** and Todaria, N.P. (1993). Rooting response of cuttings collected at two different altitudes of two Himalayan multipurpose tree species. *J. Tropical Forest Science*, **6**: 131-135.
13. Chauhan, D.S.; **Bhatt, B.P.** and Todaria, N.P. (1993). Vegetative propagation in some tree and shrub species of Garhwal Himalaya. *Ind. J. Plant Physiology*, **36**: 112-114.
14. **Bhatt, B.P.**; Chauhan, D.S. and Todaria, N.P. (1994). Effect of leachates on germination and radicle extension of some food crops. *Indian Journal of Plant Physiol.*, **37** (3): 177-179.
15. Gaur, R.D. and **Bhatt, B.P.** (1994). Folk utilization of some Pteridophytes in Deoprayag area in Garhwal Himalaya, India. *Economic Botany*, **48**(2): 146-151.
16. **Bhatt, B.P.**; Negi, A.K. and Todaria, N.P. (1994). Fuelwood consumption pattern at different altitudes in Garhwal Himalaya. *Energy*, **19** (4): 465-468.
17. **Bhatt, B.P.**; Chauhan, D.S. and Todaria, N.P. (1995). Growth performance and biomass yield of some important agroforestry tree crops of Garhwal Himalaya. *Annals of Forestry*, **3**(2): 115-119.
18. Chauhan, D.S.; **Bhatt, B.P.** and Todaria, N.P. (1996). Seasonal rooting and nodulation response in *Desmodium elegans* as influenced by exogenous auxin applications. *J. Tropical Forest Science*, **9**(1): 67-74.

19. Kaletha, M.S.; **Bhatt, B.P.** and Todaria, N.P. (1996). Allelopathic crop-weed interactions in traditional agroforestry systems of Garhwal Himalaya. *Allelopathy Journal*, **3**(1): 65-70.
20. Kaletha, M.S.; **Bhatt, B.P.** and Todaria, N.P. (1996). Tree-crop interactions in traditional agroforestry systems of Garhwal Himalaya. 1. Phytotoxic effects of farm trees on food crops. *Allelopathy Journal*, **3**(2): 247-250.
21. Kaletha, M.S.; **Bhatt, B.P.** and Todaria, N.P. (1996). Allelopathic effects of some agroforestry tree crops of Garhwal Himalaya. *Range Management & Agroforestry*, **17**(2): 193-196.
22. **Bhatt, B.P.**; Kaletha, M.S. and Todaria, N.P. (1997). Allelopathic exclusion of understorey crops by agroforestry trees of Garhwal Himalayas. *Allelopathy Journal*, **4**(2): 321-328.
23. **Bhatt, B.P.**; Chauhan, D.S. and Todaria, N.P. (1997). Crop growth on soil under some social forestry plantation in Garhwal Himalaya. *Indian Journal of Forestry*, **20**(2): 198-200.
24. **Bhatt, B.P.**; Kumar, M. and Todaria, N.P. (1997). Studies on allelopathic effects of *Terminalia* spp. of Garhwal Himalaya. *Journal of Sustainable Agriculture*, **11**(1): 71-84.
25. Chauhan, D.S.; **Bhatt, B.P.** and Todaria, N.P. (1997). Vegetative propagation response of three leguminous taxa of Garhwal Himalaya. *Indian Journal of Forestry*, **19**:377-380.
26. Negi, A.K.; **Bhatt, B.P.**; Todaria, N.P. and Saklani, A. (1997). The effects of colonialism on forests and the local people in the Garhwal Himalaya, India. *Mountain Research and Development*, **17**(2): 159-168.
27. **Bhatt, B.P.**; Chauhan, D.S. and Todaria, N.P. (1998). Growth performance and biomass yield of some leguminous taxa in Garhwal Himalaya. *Indian Journal of Forestry*, **21**: 171-173.
28. Negi, A.K.; **Bhatt, B.P.** and Todaria, N.P. (1999). Local population impacts on the forests of Garhwal Himalaya, India. *The Environmentalist*, **19**(4): 293-303.
29. **Bhatt, B.P.** and Chauhan, D.S. (2000). Studies on allelopathic effects of Oak (*Quercus*) spp. of Garhwal Himalaya. *Allelopathy Journal*, **7**(2): 265-272.
30. Chauhan, D.S.; **Bhatt, B.P.** and Todaria, N.P. (2000). Rooting response of *Desmodium elegans* as influenced by auxins, rooting medium, kind and source of cuttings. *J. Tropical Forest Science*, **12**(4): 733-746.
31. Uniyal, A.K.; **Bhatt, B.P.** and Todaria, N.P. (2000). Provenance characteristics and pretreatment effects on seed germination of *Grewia oppositifolia* Roxb.: A promising agroforestry tree-crop of Garhwal Himalaya, India. *International Tree Crops Journal*, **10**:203-213.
32. **Bhatt, B.P.**; Tomar, J.M.S. and Mishra, L.K. (2001). Allelopathic effects of weeds on germination and growth of legumes and cereal crops of North Eastern Himalayas. *Allelopathy Journal*, **8** (2): 225-232.
33. Saklani K.P.; Chauhan, Shashi; **Bhatt, B.P.** and Todaria, N.P. (2001). Effect of seed source and temperature on seed germination of *Quercus floribunda* Lindley ex Rehder in Garhwal Himalaya. *J. Plant Biology*, **28** (3): 307-310.
34. **Bhatt, B.P.** and Tomar, J.M.S. (2002). Firewood characteristics of some mountain tree species of NEH Region. *Biomass and Bioenergy*, **23**(4): 257-260.
35. Chauhan, Shashi; **Bhatt, B.P.** and Todaria, N.P. (2002). Germination behaviour of *Terminalia* species as influenced by temperature, light and seed maturity in Garhwal Himalaya. *J. Plant Biol.*, **29**(2): 203-208.

36. Uniyal, A.K.; **Bhatt, B.P.** and Todaria, N.P. (2002). Provenance variation in seed characteristics of *Grewia oppositifolia* Roxb. – A promising agroforestry tree-crop of Central Himalaya, India. *Indian J. Forestry*, **25**(2): 209-214.
37. Uniyal, A.K.; **Bhatt, B.P.** and Todaria, N.P. (2002). Effects of provenances, moisture stress and storage on seed germination of *Grewia oppositifolia*: A promising agroforestry tree of Garhwal Himalaya, India. *Range Management & Agroforestry*, **21**(2): 23-30.
38. **Bhatt, B.P.** and Mishra, L.K. (2003). Production potential and cost- benefit analysis of agricultural agroforestry systems in northeast India. *J. Sustainable Agriculture*, **22**(2): 99-108.
39. **Bhatt, B.P.**; Singha, L.B.; Singh, K. and Sachan, M.S. (2003). Commercial edible bamboo species and their market potentiality in three Indian tribal states of the North Eastern Himalayan region. *J. Bamboo and Rattan*, **2**(2): 111-133.
40. **Bhatt, B.P.**; Singha, L.B.; Singh, K. and Sachan, M.S. (2003). Some commercial edible bamboo species of North East India: Production, indigenous uses, cost-benefit and management strategies. *Bamboo Science and Culture J.*, **17**(1): 4-20.
41. Singha, L.B.; **Bhatt, B.P.** and Khan, M.L. (2003). Flowering of *Bambusa cacharensis* Mazumder in the southern part of North-east India: a case study. *J. Bamboo and Rattan*, **2**(1): 57-63.
42. Uniyal, A.K.; **Bhatt, B.P.** and Todaria, N.P. (2003). Effect of provenance variation on seed and seedling characteristics of *Grewia oppositifolia* Roxb.: a promising agroforestry tree-crop of Central Himalaya. *Plant Genetic Resources Newsletter* (IPGRI), Rome, Italy, No. 136, pp. 47-53.
43. **Bhatt, B.P.**; Tomar, J.M.S. and Bujarbaruah, K.M. (2004). Characteristics of some firewood trees and shrubs of the North Eastern Himalayan region, India. *Renewable Energy*, **29**(8): 1401-1405.
44. **Bhatt, B.P.** and Sachan, M.S. (2004). Firewood consumption pattern of different tribal communities in northeast India. *Energy Policy*, **32**(1): 1-6.
45. **Bhatt, B.P.** and Sachan, M.S. (2004). Firewood consumption along an altitudinal gradient in mountain villages of India. *Biomass and Bioenergy*, **27**(1): 69-75.
46. **Bhatt, B.P.**; Singha, L.B.; Singh, K. and Sachan, M.S. (2004). Distribution, growth and productivity of commercial edible bamboo species in the three states of Eastern Himalaya India. *World Bamboo and Rattan*, **2**(3): 22-32.
47. **Bhatt, B.P.**; Singha, L.B.; Sachan, M.S. and Singh, K. (2004). Commercial edible bamboo species of the North Eastern Himalayan Region, India. Part. I. Young shoot sales. *J. Bamboo & Rattan*, **3**(4): 337-364.
48. Majumdar, B.; Kumar, K.; Venkatesh, M.S.; Patiram and **B.P. Bhatt** (2004). Effect of different agroforestry systems on soil properties in acid Alfisols of Meghalaya. *Journal of Hill Research*, **17**(1): 1-5.
49. Sachan, M.S. and **Bhatt, B.P.** (2004). Genetic variations in seed character of *Lagerstroemia speciosa* (Linn.). *Indian J. Hill Farming*, **17**(1 & 2): 141-144.
50. Singh, B.; **Bhatt, B.P.** and Prasad, P. (2004). Effect of seed source and temperature on seed germination of *Celtis australis* L. A promising agroforestry tree-crop of Central Himalaya, India. *Forests Trees and Livelihood*, **14**: 53-60.
51. Shome, R.; Shome, B.R.; Rahman, H.; Murugkar, H.V.; Kumar, Ashok; **Bhatt, B.P.** and Bujarbaruah, K.M. (2004). An outbreak of *Riemerella anatipestifer* infection in ducks in Meghalaya. *Ind. J. Comp. Microbiol., Immunology and Infectious Dis.*, **25**(2): 126-127.

52. Tomar, J.M.S. and **Bhatt, B.P.** (2004). Studies on horti-agricultural system in a mid altitude of Meghalaya. *Indian J. Agroforestry*, **6**(2): 35-39.
53. **Bhatt, B.P.**; Singha, L.B.; Sachan, M.S. and Singh, K. (2005). Commercial edible bamboo species of the North Eastern Himalayan Region, India. Part. II. Fermented, roasted and boiled bamboo shoots sales. *J. Bamboo & Rattan*, **4**(1): 13-31.
54. **Bhatt, B.P.**; Singh, K. and Singh, Alka (2005). Nutritive values of some important edible bamboo species of North Eastern Himalayan Region, India. *J. Bamboo & Rattan*, **4**(2): 111-124.
55. Venkatesh, M.S.; **Bhatt, B.P.**; Kumar, Kailash, Majumdar, B. and Singh, K. (2005). Soil properties influenced by some important edible bamboo species in North Eastern Himalayan region, India. *J. Bamboo & Rattan*, **4**(3): 221-230.
56. Gadge, S.S. and **Bhatt, B.P.** (2006). Personal and socio-economic attributes of leaders and non-leaders in villages of Nagaland. *Indian J. Hill Farming*, **19** (1 & 2): 34-36.
57. Moloy, S. Baruah and **Bhatt, B.P.** (2006). Effect of feed additives on broiler performance in farming system. *Indian Veterinary Journal*, **84**: 1114-1115.
58. Sachan, M.S.; Singh, K. and **Bhatt, B.P.** (2006). Altitudinal variations in cone and seed characteristics of *Pinus kesiya* Royle ex Gord. *Geobios*, **33**: 3-8.
59. Sachan, M.S.; Tomar, J.M.S. and **Bhatt, B.P.** (2006). Genetic parameters for seed traits in *Albizia chinensis* (Osbeck) Merr. *J. Interacad*, **10**(3): 293-297.
60. Singh, B.; **Bhatt, B.P.** and Prasad, P. (2006). Variation in seed and seedling traits of *Celtis australis*, a multipurpose tree in Central Himalaya, India. *Agroforestry Systems*, **67**: 115-122.
61. Singh, B.; Uniyal, A.K.; **Bhatt, B.P.** and Prasad, S. (2006). Effects of agroforestry tree species on crops. *Allelopathy Journal*, **18**(2): 355-361.
62. Singh, B.; Uniyal, A.K.; **Bhatt, B.P.** and Prasad, P. (2006). Altitudinal variation in seed characteristics of *Celtis australis* L. *Forests, Trees and Livelihoods*, **16**(3): 291-296.
63. Tomar, J.M.S. and **Bhatt, B.P.** (2006). Studies on agroaquaculture agroforestry system in North Eastern Himalayas, India. *Indian J. Hill Farming*, **18**(1 & 2): 21-27.
64. Bordoloi, L.J.; **Bhatt, B.P.** and Brajendra (2007). Effect of organic plant nutrient sources on groundnut (*Arachis hypogea*) productivity and soil fertility under Intensive Integrated Farming System (IIFS) in Meghalaya. *Environment and Ecology*, **25S**(4): 1146-1150.
65. Chauhan, Shashi; Singh, Bhupendra; **Bhatt, B.P.** and Todaria, N.P. (2007). Effect of the altitude of seed origin and storage on seed germination of *Termilaia* spp. In Garhwal Himalaya, India. *Forests, Trees and Livelihoods*, **17**(4): 339-344.
66. Majumdar, B.; Kailash Kumar, Venkatesh, M.S. and **Bhatt, B.P.** (2007). Long-term effect of various agroforestry systems on soil characteristics and forms of nitrogen builds up in acidic alfisol of Meghalaya. *Indian J. Agroforestry*, **30**(1): 15-20.
67. Moloy, S. Baruah and **Bhatt, B.P.** (2007). Performance of Khaki Campbell, Indian Runner and Khaki Campbell and Indian Runner crossbred duck under farming system. *The Indian J. Field Veterinarian*, **2**(4): 17-18.
68. Tomar, J.M.S. and **Bhatt, B.P.** (2007). Growth performance and biomass production of some agroforestry tree species in nursery in northeastern Himalayan region. *Indian J. Agroforestry*, **9**(1): 38-41.
69. Baruah, M.S. and **Bhatt, B.P.** (2008). Recycling of caged layer manure as broiler feed. *Indian Veterinary J.*, **85**: 293-295.

70. Rathore, S.S. and **Bhatt, B.P.** (2008). Productivity improvement in *jhum* fields through integrated farming system. *Indian J. Agronomy*, **53**(3): 167-171.
71. Singh, B. and **Bhatt, B.P.** (2008). Germination behaviour of *Dalbergia sissoo* as affected by seed source and temperature. *Indian J. Forestry*, **31**(4): 565-570.
72. Singh, B. and **Bhatt, B.P.** (2008). Variability in seed and seedling traits of *Celtis australis* L. in Central Himalaya, India. *Plant Genetic Resources Newsletter*, **156**: 56-61.
73. Singh, B. and **Bhatt, B.P.** (2008). Provenance variation in pod, seed and seedling traits of *Dalbergia sissoo* Roxb., Central Himalaya, India. *Tropical Agricultural Research & Extension*, **11**: 39-44.
74. **Bhatt, B.P.** and J.K. Singh (2009). Allelopathic effects of some agroforestry tree species of Eastern Himalaya, India. *Allelopathy Journal*, **23**(2): 333-344.
75. **Bhatt, B.P.**; Hussain, S.; Walling, I. and Singh, J.K. (2009). Allelopathic effects of agroforestry trees on field crops in Eastern Himalaya, India. *Allelopathy Journal*, **24** (2): 373-388.
76. Karunakaran, M.; Mondal, M.; Rajarajan, K.; Karmakar, H.D.; **Bhatt, B.P.**; Das, J.; Bora, B.; Baruah, K.K. and Rajkhowa, C. (2009). Early puberty in local Naga boar of India: Assessment through epididymal spermogram and *in vivo* pregnancy. *Animal Reproduction Science*, **111**: 112-119.
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