


Name	Dr. Arvind Bijalwan 
Designation	Associate Professor (Agroforestry)
Qualification	B.Sc. Forestry (4 yrs); M.Sc. Forestry (Agroforestry)- JRF (All India Rank-3); Ph.D. Forestry (specialization in Agroforestry); NET in Forestry, Forestry and Environmental Science (Three times)
Contact Address, Email, Mobile Number	Department of Agroforestry, College of Forestry, VCSG, UHF, Ranichauri-249199, District- Tehri Garhwal, Uttarakhand, India E.Mail- arvindbijalwan276@gmail.com , Mobile- +91 9412983808 ,
Discipline	Agroforestry
Area of specialization	Agroforestry
Research interest	Agroforestry, Silviculture, Natural Resource Management, Remote Sensing and GIS
Professional Experience	About 16 years of Teaching, Research, Extension and consultancy experience in Forestry Management, Agroforestry, Silviculture, Remote Sensing and GIS and Natural Resource Management. Prior to the present position, Dr. Bijalwan has worked as Assistant Professor (HRD Scale at par of Associate Professor in the pay scale of Rs. 37,400 – 67,000/-, AGP-9,000/-) in the area of Technical Forestry at Indian Institute Forest Management, Ministry of Environment, Forest and Climate Change, Government of India, Bhopal, MP, India and before that also served as Assistant Professor at College of Forestry & Environment, Allahabad Agricultural Institute-Deemed University, Allahabad, UP, India. Dr. Bijalwan has also served as Principal Investigator/Project Coordinator of a mega project of Rs. 12.18 crore implemented by MPVS, Gaja for employment generation through cultivation of Medicinal and Aromatic plants for the Western Himalayan community in Tehri Garhwal of Uttarakhand, India. Also Dr. Bijalwan has handles about half dozens of research and extension Projects with a capacity of PI and Co-PI. He has also worked on plantation assessment, monitoring and evaluation <i>w.r.t.</i> survival, quality, growth pattern, influence of microclimate on plant growth in different parts of tropical, sub-tropical and temperate regions of country for the state forest departments. He has worked for analyzing and assessing the potential and possibility of various well-established agroforestry and farm forestry systems and

	<p>farms <i>w.r.t.</i> numerous agroforestry combinations and systems such as agri-silviculture system, agri-horti system, agri-horti-sivi system etc and also documented their case studies. Presently he is working on agroforestry management, productivity and assessment of biomass and carbon in agroforestry systems with an integrated theme of livelihood promotion linking Biodiversity (agro-biodiversity), Carbon Sequestration potential in Agroforestry systems connecting to Combating the Climate Change. He has also visited abroad and good exposure of outside India for various agroforestry systems. Dr. Bijalwan is in the Editorial Board of eighteen National and International Journals. Dr. Bijalwan is life member of six scientific and professional societies, annual and biannual member of nine professional societies with regular subscriber of various forestry and environment related magazines. He has also delivered about forty radio talks from All India Radio stations Aakashwani and local radio stations and presented various TV programmes on doordarshan.</p> <p>Number of Doctoral Students: 03, Number of M. Phil and Master's Students: 06</p>
Award/Honors/Scholarship/ Fellowship	Certificate of Honour in B.Sc. Forestry and M.Sc. Forestry (Agroforestry); JRF (All India Rank-3), Brandish Award; Young Scientist Award; University Merit Fellowship in B.Sc. and M.Sc.
Total Number of publications (Referred Journals)	115 (63 Research papers + 52 Scientific and Poplar articles, Book Chapters)
Selected publications (Best five)	<ul style="list-style-type: none"> • Thakur, T.K., Swamy, S.L., Bijalwan, Arvind. and Dobriyal, M.J. (2018). Assessment of Biomass and Net Primary Productivity of a Dry Tropical Forest using geospatial technology. <i>Journal of Forestry Research</i> (Springer), 23 (1): 1-14. • Verma, P., Bijalwan, Arvind. Dobriyal, M., Swamy, S.L. Thakur, T.K. (2017). A paradigm shift in agroforestry practices in Uttar Pradesh. <i>Current Science</i>, 112 (3): 509-516. • Bijalwan, Arvind., Sharma, C.M. and Kediya, V.K.(2011). Socioeconomic Status and Livelihood support Through Traditional Agroforestry Systems in Hill and Mountain Agro-Ecosystems of Garhwal Himalaya, <i>India. Indian Forester</i>, 137 (12), pp. 1423-1431. • Bijalwan, Arvind. (2012). Structure, Composition and Diversity of Horticulture Trees and Agricultural Crops Productivity under Traditional Agri-Horticulture System in Mid Hill Situation of Garhwal Himalaya, India. <i>American Journal of Plant Sciences</i>, 480-488. • Bijalwan, Arvind., Swamy, S.L., Sharma, C.M., Sharma, N.K. and Tiwari, A.K. (2010) Land use, Biomass and Carbon estimation in Dry Tropical Forest of Chhattisgarh region in

	India using Satellite Remote Sensing and GIS. <i>Journal of Forestry Research</i> , China (Springer), 21 (2) : 161-170.			
No. of books/Manuals/monographs	Books-4, Manual-1			
Research Projects as PI/Nodal officer (Co-PI)	S.No.	Name of Project	Funding Agency	Status
	1	Community Livelihood promotion through assessment of Biodiversity and Carbon Sequestration potential in Agroforestry systems along altitude and aspects of Western Himalaya, India with special reference to Combating Climate Change	International Paper (IP) under IIFM-IP Paul Brown Centre of Excellence	Ongoing
	2	Monitoring, Evaluation and project impact assessment of FDA plantation during rainy season (financial year 2013-14 to 2015-16) in different Forest development Agencies of MP forest department of in 23 Forest Divisions comprising 63 NAP-FDAs	M.P. Forest Department	Completed
	3	Study on Successful Agroforestry Systems in Hara Farm, Yamuna Nagar, Haryana”	MoEF&CC via IIFM, Bhopal	completed
	4	Land use, Biomass and Carbon estimation in Traditional Agroforestry systems along altitudinal gradient and aspects in selected sites of Garhwal Himalaya, India	MoEF&CC via IIFM, Bhopal	Completed
	5	Monitoring and Evaluation in the state of Madhya Pradesh with random sampling of 5 FDAs having forest cover >5% of geographical area and 1 FDA having forest cover <5% of geographical area	NAEB, MoEF&CC via regional centre RCNAEB, IIFM, Bhopal	Completed
	6	Employment generation through cultivation of	MoRD, Govt of India and	Completed

		Medicinal and Aromatic plants funded by Ministry of Rural development Govt of India and Department of Rural Development Govt. of Uttarakhand	Department of Rural Development Govt. of Uttarakhand	
Other achievements if any		Recurrent selection for the post of Assistant Professor in various State Government Universities and Institutions; Selected as Researcher at IIRS, ISRO; Selected for Master's programme in two prestigious Universities abroad		