# **Profile of Dr Vibha Singhal**



Name: Vibha Singhal

**Designation**: Pr. Scientist (Agroforestry)

**Date of Birth**: 30.03.1973

**Area of Specialization**: Integrated farming systems for utilization and rehabilitation of degraded lands of North-Western Himalayan regions of India. Nutrient cycling and

carbon sequestration

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## **Detail Profile**

### **Education**

Degree	Year of	University/Institution
	Passing	
Ph.D. (Horticulture)	2000	Dr YS Parmar University of Horticulture and Forestry,
		Solan, Himachal Pradesh
M.Sc. (Horticulture)	1996	Dr YS Parmar University of Horticulture and Forestry,
		Solan, Himachal Pradesh
B.Sc. (Ag.)	1994	Dr YS Parmar University of Horticulture and Forestry,
		Solan, Himachal Pradesh

## **Professional History**

Position	Year	Organization	
Pr. Scientist	11.02.2017 to till date	ICAR- Indian Institute of Soil & Water	
		Conservation, Dehradun, Uttarakhand	
Sr. Scientist	08.05.2015 to 10.02.2017	ICAR- Indian Institute of Soil & Water	
		Conservation, Dehradun Uttarakhand	
Sr Scientist	11.02.2011 to 07.05.2015	ICAR- Indian Institute of Natural Resins	
		and Gums, Ranchi, Jharkhand	
Asstt	29.12.2004 to 10.02.2011	GB Pant University of Agriculture and	
Professor/SMS/JRO		Technology, Pantanagar, Uttarakhand	

## **Publications** (summary)

S. No.	Publication	Number
1	Research Publications	31
	National	24
	International	7
2	Books	
	Authored	
	Edited	1
3	Book Chapters	6
4	Lead Papers	0

5	Radio / T.V. talks	6
6	Technical/Research Reports/ Compilation / Bulletins	2
7	Extension Folders/leaf lets	2
8	Symposia/Workshop/Seminar Papers	15
9	Popular article	12
10	Professional Trainings attended	2
11	Consultancy project handled (Leader in 0 & Associated in 0)	0
12	No. of training organized	3
	Short duration sponsored training (Trained : 0)	0
	Soil Conservation Regular Training Course: (5 ½ or 4 months duration) (Trained: 0)	0
	B.Tech students Field Practical training- one to two months (No Students: 0)	0
13	Seminars/Symposia/Workshops/Summer or Winter School/ Organized	0
14	External projects handled	0

### **Most important 5 Publications**

The Rice Chromosomes 11 and 12 Sequencing Consortia\*\* 2005. The sequence of rice chromosomes 11 and 12, rich in disease resistance genes and recent gene duplications BMC Biology. 3:20 doi:10.1186/1741-7007-3-20

**V Singhal**, T Roy, C Singh, J Ghosh 2021, Effect of incubation time, litter diversity and species richness on decomposition dynamics of tree species from western Himalayas CATENA. 203:105281

**V Singhal**, J Ghosh & S S Bhat 2021, Role of religious beliefs of tribal communities from Jharkhand (India) in biodiversity conservation, Journal of Environmental Planning and Management. 64:13, 2277-2299, DOI: 10.1080/09640568.2020.1861587

R Singh, **V Singhal**, GJ Randhawa 2008. Molecular analysis of chickpea (Cicer arietinum L) cultivars using AFLP and STMS markers. Journal of Plant Biochemistry and Biotechnology 17 (2), 167-171

R Singh, C Durga Prasad, **V Singhal**, GJ Randhawa 2002 Analysis of genetic diversity in Cicer arietinum L using Random Amplified polymorphic DNA markers. Journal of Plant Biochemistry and Biotechnology 11 (2), 109-112

### Google Scholar link

https://scholar.google.co.in/citations?user=XIP9SoAAAAAJ&hl=en

ResearchGate link

## https://www.researchgate.net/profile/Vibha-Singhal-3

Awards/Fellowships/Recognitions:Nil

Research Projects as PI (On-going)

Nil

## Research Projects as PI (Concluded)

- (A). Institute / ICAR funded Projects implemented as Principal Investigator (PI)
  - 1. Lac Integrated Farming System(2011-2015)
  - 2. Soil fertility restoration and carbon sequestration potential of four multipurpose trees in Himalayan foothills

### Other important responsibility

1. Faculty member (Agroforestry) for different training programmes (Officers, short course, etc).

#### **Consultancies**

-Nil