

Curriculum Vitae



1. **Name and full correspondence address-** Deepti Prabha
2. **Email(s) and contact number(s)-** 09456561199
3. **Institution-** HNB Garhwal University, Srinagar, Garhwal
4. **Date of Birth-** 09/12/1980

5. Academic Qualification

	Degree	Year	Subject	University/Institution	% of marks
1.	M.Sc.	2003	Seed Science and Technology	G. B. Pant University of Agriculture and Technology, Pantnagar	82.5 %
2.	Ph.D.	2006	Seed Science and Technology	G. B. Pant University of Agriculture and Technology, Pantnagar	77%
3.	Qualified ICAR-ARS NET- 2003				

6. Ph.D. thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Title of thesis: A Comparative Study of Morphological, Biochemical and Molecular (RAPD) Markers to Assess Genetic Diversity in Two Cultivated Species of Barnyard Millet (*Echinochloa* sp.).

Advisor: Prof. V. K. Khanna

Institute: G. B. Pant University of Agriculture and Technology, Pantnagar

Year of Award: 2006

7. Work experience

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Assistant Professor	HNB Garhwal University, Srinagar, Garhwal	11 June 2013	Continue	57,700 to 79,800/-

8. Professional Recognition

S. No.	Name of Award	Awarding Agency	Year
1.	Young Scientist Award (Category 2)	Uttarakhand Council for Science & Technology, Dehradun	2020

9. Research Project

Germplasm Collection of French Bean from Garhwal Hills and Its Screening for Anthracnose Resistance Using Morphological and Molecular Markers” has been sanctioned from Uttarakhand Council for Biotechnology, Haldi, U.S. Nagar. **Project No.** UCB//R&D Project/2016/02/377. **Total cost-**5,90,800/- Successfully completed.

Two anthracnose resistant French bean accessions have been registered with NBPGR, New Delhi. The accessions have been accepted for registration. Accession no. is awaited.

10. Publications

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Deepti Prabha, Khanna V.K. and Negi, Y.K.	Assessment of seed protein variability in two cultivated species of barnyard millet through SDS-PAGE.	Pantnagar J. of Res.,	6(1)	96-100.	2008
2.	Yogesh Kumar Negi, Prabha, D. , Garg, S. K, and Kumar, J.	Genetic diversity among cold-tolerant fluorescent <i>Pseudomonas</i> isolates from Indian Himalayas and their characterization for biocontrol and plant growth promotion activities.	J Plant Growth Regulation	30(2)	128-143	2011.
3.	Prabha, Deepti, Negi Y. K. and Khanna, V. K.	Assessment of genetic diversity of barnyard millet accessions using molecular markers.	Ind. J. Pl. Gen. Resources	25(2)	174-179	2012
4.	Deepti Prabha, Yogesh kumar Negi	“Seed Treatment with Salicylic Acid Enhance Drought Tolerance in Capsicum.”	World Journal of Agricultural Research	2 (2)	42-46	2014
5.	Yogesh Kumar Negi, Deepti Prabha, Satyendra Kumar Garg, Jatinder Kumar	Biological control of ragi blast disease by chitinase producing fluorescent <i>Pseudomonas</i> isolates.	Organic agriculture.	DOI 10.1007/s13165-015-0142-2		2015.
6.	Yogesh Kumar Negi, Chitra Pandey, Deepti Prabha	Antimicrobial potential of some high altitude plants: opportunities and applications,	ENVI's Bulletin Himalayan Ecology,	23	106-112	2015
7.	Deepti Prabha, Swati	Effect of Seed Priming with Some Plant Leaf	International Journal of	4(1)	46-51	2016

	Negi, Punam Kumari, Yogesh kumar Negi, J.S. Chauhan	Extract on Seedling Growth Characteristic and Root Rot Disease in Tomato.	Agricultural System.			
8.	Yogesh Kumar Negi, Deepti Prabha , Satyendra Kumar Garg & Jatinder Kumar	Biological control of ragi blast disease by chitinase producing fluorescent <i>Pseudomonas</i> isolates	Organic Agriculture	7	63–71	2017
9.	D. Prabha, N. T. Bhutia, J.S. Chauhan, Y. K. Negi.	Effect of Stratification and Different Soaking Treatments on Dormancy release and Germination of <i>Asparagus racemosus</i> seeds	Vegetos	31(1)	162-166	2018
10.	D. Prabha, P. Barthwal, Y. K. Negi and J. S. Chauhan	Effect of seed aging and hormonal priming on different physiological attributes in French bean.	Journal of Food Legumes	31(1)	63-65	2018
11.	C. Pandey, Y. K. Negi, D. K. Maheshwari, D. Rawat, D. Prabha	Potential of native cold tolerant plant growth promoting bacilli to enhance nutrient use efficiency and yield of <i>Amaranthus hypochondriacus</i> .	Plant and Soil		https://doi.org/10.1007/s11104-018-3681-y	2018
12.	D. Prabha, N. Bisht, P.D. Singh, Y. K. Negi and J.S. Chauhan	Minimizing the allelopathic effects of <i>Rosmarinus officinalis</i> L. on intercropped wheat by plant growth promoting bacteria	Allelopathy Journal	48 (1)	79-88	2019
13.	Deepti Prabha, Navneeti Chamoli, Yogesh Kumar Negi, and Chauhan. J. S.	Newly Identified Anthracnose Resistant French Bean (<i>Phaseolus vulgaris</i>) Accessions from Garhwal Hills of Uttarakhand	Int.J.Curr.Microbiol.App.Sci	9(02)	2748-2751	2020

11. Books /Chapters

S. No.	Title	Author's Name	Publisher	Year of Publication
1.	Objective Seed Technology. ISBN: 978-93-82471-56-1	Deepti prabha , Yogesh Kumar Negi	Jaya Publishing House. New Delhi.	2013
2	Mycoremediation of Common Agricultural Pesticides. R. Prasad (ed.), Mycoremediation and Environmental Sustainability, Fungal Biology, 155- 179 https://doi.org/10.1007/978-3-319-77386-5_6	C. Pandey, D. Prabha , Y.K. Negi	Springer International Publishing AG, part of Springer Nature	2018
3	Genetically Modified Crops and Transgene Introgression: Towards a Solution. Dr. Yogendra Singh (ed.) in Recent Trends in Molecular Biology and Biotechnology. ISBN Print: 9788194514879	D. Prabha , Y.K. Negi and J.S. Chauhan	Integrated Publications, Delhi	2020

12. Popular Article

1. Deepti Prabha and Y. K. Negi. "Biological Control of insect pest and diseases". Farmer Digest, 2006, 39 (11) pp 5-6.
2. Deepti Prabha. "Millets-The Nutricereals" **Year Book Agriculture Today**. 2013, pp. 59- 62.
3. दीप्ति प्रभा – बीजों के भण्डारण की रसायन मुक्त विधियाँ। खेती, **ICAR** मार्च 2013 पेज 33–34
4. दीप्ति प्रभा – झंगोरे की वैज्ञानिक खेती। किसान जायरी 2013, उत्तराखण्ड औद्यानिकी एवं वानिकी वि विद्यालय भरसार, पौड़ी गढ़वाल। पेज 134–135
5. दीप्ति प्रभा –फसल अवशेषों के प्रयोग से मृदा की उर्वरता बढ़ायें। पहाड़ी खेती बाड़ी 2013 अंक 1 पेज 60–61
6. योगेश कुमार नेगी एवं दीप्ति प्रभा–2013] पर्वतीय कृषि में जैविक अभिकर्ताओं का महत्व। पहाड़ी खेती बाड़ी अंक 1 पेज 65–68
7. Deepti Prabha, J. S. Chauhan. 2014. Physiological seed enhancement techniques. *Popular khetai*, 2 (1):162-163.
8. दीप्ति प्रभा और भावना पाण्डे, 2015 जल संवर्धन प्रक्रिया से टमाटर की खेती. किसान खेती, 2(1): 13.14 आईएसएसएन: 2348.2265.

13. Scientific conferences:

Paper presented

1. **D. Prabha**, Navneeti Chamoli, Yogesh Kumar Negi, J. S. Chauhan. 2020. Collection of French bean germplasm from Garhwal Himalayas and screening for anthracnose resistance. Presented at Uttarakhand Science congress, February 27-29, 2020 organized by Uttarakhand Council for Science & Technology.
2. **D. Prabha**, V. Garwal, Y. K. negi, J. S. Chauhan 2019. Effect of bacterial seed treatments on growth and yield of Lentil (*Lens culinaris* Medik). Presented at National seminar on Agricultural Transformation and Rural Development in India: Issues, Challenges and Possibilities. October 12-13, 2019 Organized by : Department of Economics, Hemvati Nandan Bahuguna Garhwal University
3. Yogesh Kumar Negi, **Deepti Prabha**, 2015, Antibacterial potential of some high altitude medicinal plants of Himalaya against multidrug resistant human pathogenic bacteria. Poster presented at national conference on microbes in extreme environments: Diversity and Translational Applications, held at H.N.B. Garhwal University, Srinagar, Garhwal, on 30-31 October 2015.
4. **Prabha D.**, Negi S., Kumari P., Negi Y. K., Chauhan J. S., 2015. Effect of Priming by Some Plant Leaf Extract on Seed and Seedling Vigour in Tomato. Paper presented at Uttarakhand State Science and Technology Congress, 2014-2015.
5. **Prabha, Deepti**, Negi, Yogesh Kumar, and Khanna, V. K. Assessment of genetic diversity among different accession of two cultivated species of barnyard millet. (Paper presented in International conference on mountain biodiversity, held on 13-14 March 2010 at Doon University, Dehradun).
6. **Prabha, Deepti**, Negi, Yogesh Kumar, and Kumar, J. "Improving the planting value of wheat by seed treatment with Fluorescent *Pseudomonas* strains." (Paper presented in 5th national symposium on bio-control at Pantnagar 18-20th Dec. 2003).

14. Trainings

1. Attended Orientation programme organized by HRDC- Shimla, Himachal Pradesh from 4 July 2016- 1 June 2016.
2. Attended refresher course organized by CPDHE- University of Delhi, New Delhi from 5 Sept 2017 to 25 Sept 2017.
3. Attended refresher course organized by HRDC, HNB Garhwal University from 12 Sept 2019 to 25 Sept 2019