

CV Format

• Profile Summary

Dr. Yogesh Kumar Negi is an Assistant Professor-Microbiology in the Department of Basic Sciences, College of Hill agriculture. He holds his BSc, MSc and PhD degrees in Microbiology and has over 20 years' experience in teaching and research.

His area of specialization is rhizosphere microbiology with special interest in bioinoculants and organic farming. He has developed different biofertilizers for different crops, which have shown promising results even in field conditions. Farmers of this region are using these formulations in pea, finger millet, amaranth, capsicum, wheat, strawberry etc.

He has published more than 45 research papers in the journals of national and international repute and most of them are high impact papers. On the basis of his research findings, he has been awarded with various prestigious awards, which include-Pesticide India award-2006, Young Scientist award-2010 and Roland Schlich award-2019. He has participated in many national and international conferences and represented his findings.

Dr. Negi has also successfully completed different research projects funded by ICAR, UCOST, NMPB, Ministry of Ayush etc. costing over 14.0 crores.

• Research Interests/ Specialization

- Searching promising PGPR and biocontrol agents to formulate effective and eco-friendly biofertilizers and disease management alternatives.
- Searching potential anti-microbial agents from plants and microbial sources.
- Recent Publications

(Published Papers in Referred/Journals notified by UGC)

Sr.No.	Title of Paper	Journal	ISSN No.	Volume No.	Year Of Publications
1	Phenotypic characterization of finger millet accessions.	<i>Euphytica</i>	0014-2336	221	2025
2	Macrolactin A mediated biocontrol of <i>Fusarium oxysporum</i> and <i>Rhizoctonia solani</i> infestation on <i>Amaranthus hypochondriacus</i> by <i>Bacillus subtilis</i> BS-58.	Front. In Microbiol	1664-302X	14	2023
3	Multiple genes confer anthracnose resistance in French bean (<i>Phaseolus vulgaris</i> L.) accessions of Garhwal Himalayas.	Genet. Resour. Crop Evol.	0925-9864	69	2022
4	Enhancement in yield and nutritive qualities of strawberry fruits by the application of organic manures and	Sci. Hort.	0304-4238	283	2021

	biofertilizers.				
5	Potential of native cold tolerant plant growth promoting bacilli to enhance nutrient use efficiency and yield of <i>Amaranthus hypochondriacus</i> .	Plant and Soil	0032-079X	428	2018

• **Education**

Qualification/Degree	Title of Project/Thesis/Dissertation	Year of Completion
Post Graduation (Master of Science)	Quality control and antibacterial assay of Streptomycin	2001
Ph.D.	Strain improvement of fluorescent <i>Pseudomonas</i> spp. with respect to their PGPR activity using molecular approaches	2006

• **Work History**

Academic Experience			
Duration (From-To)	Post	Organization	Nature
01.08.2006 to 07.08.2012	Assistant Professor	SBS PG Inst., Balawala, Dehradun	Permanent
08.08.2012 to 11.08.2024	Assistant Professor	VCSG UUHF, Bharsar	Adhoc
12.08.2024 to till date	Assistant Professor	VCSG UUHF, Bharsar	Permanent

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Administrative Experience			
Duration	Post	Organization	Nature

Administrative Experience			
Duration	Post	Organization	Nature
2012-2014	Asst. Warden	CoF, Ranichauri	Additional charge
2014-2018	Estate Officer	CoF, Ranichauri	Additional charge
2024-26	Warden	CoH, Bharsar	Additional charge

• [Thesis Supervision](#)

Student (s)	Degree	Title	Year	Awarded by
Dr. Chitra Pandey	Ph.D. (Co-Supervisor)	Potential of Cold Tolerant Isolates of <i>Bacillus</i> species for Growth Promotion, Disease Suppression and Yield Enhancement in Grain Amaranthus	2018	Gurukul Kangari Univ. Haridwar
Dr. Solomon Das	PhD (Co-Supervisor)	Effect of <i>Pseudomonas fluorescens</i> and <i>Glomus</i> sp. On growth, nutrition and proliferation of <i>Dandrocalamus strictus</i>	2014	FRI, D.Dun
Dr. Saurabh Pandey	PhD (Supervisor)	In-silico Approaches for Analysis of Ascorbate Peroxidase Gene Expression of <i>Oryza Sativa</i> Under Stress	2014	UTU, D. Dun
J. Dinesh Kumar	MSc (Supervisor)	Isolation and characterization of pathogenic <i>S. aureus</i> from paper currency and detection of virulence genes	2007	HNBGU, Srinagar
Jhilmil Goel	MSc (Supervisor)	Isolation and characterization of rhizobacterial fluorescent <i>Pseudomonas</i> spp. for plant growth promoting activities	2007	HNBGU, Srinagar
Neeti Ramola	MSc (Supervisor)	Ragi as an antibacterial agent against <i>Staphylococcus aureus</i>	2007	HNBGU, Srinagar
Priyankita Gupta	MSc (Supervisor)	Evaluation of antifungal activity of rhizobacterial strains against <i>Magnaporthea grisea</i> causing blast disease of Finger millet (<i>Echinochloa polystachya</i>)	2007	HNBGU, Srinagar

Student (s)	Degree	Title	Year	Awarded by
Chandan Deep Kaur	MSc (Supervisor)	Screening of antagonistic bacterial strains and botanicals for the biological management of bacterial leaf blight of rice	2008	HNBGU, Srinagar
Sophia Rawat	MSc (Supervisor)	Phytochemical analysis and antibacterial potential of some indigenous plants of Garhwal Himalayas	2008	HNBGU, Srinagar
Sonika Sharma	MSc (Supervisor)	Effect of nutrient supplementation on antibacterial potential of <i>Lactobacillus</i> spp.	2008	HNBGU, Srinagar
Mayur Sharma	MSc (Supervisor)	Assessment of the genetic variability among the antagonistic <i>Lactobacillus</i> isolates using protein profiles	2009	HNBGU, Srinagar
Sanghmitra Deb	MSc (Supervisor)	Study on antagonistic potential of bioactive phytochemicals against extended spectrum beta lactamase producing clinical isolates	2009	HNBGU, Srinagar
Shilpa Chottani	MSc (Supervisor)	Assessment of genetic diversity among the rhizospheric <i>Pseudomonas</i> isolates using molecular markers	2009	HNBGU, Srinagar
Yogendra Singh	MSc (Supervisor)	Effect of inorganic fertilizers on phosphate solubilization by rhizobacteria	2009	HNBGU, Srinagar
Jitendra Singh Negi	MSc (Supervisor)	Study on phosphate solubilizing rhizobacteria and development of high efficiency mutants	2010	HNBGU, Srinagar
Lalit Singh Jeena	MSc (Supervisor)	Isolation of rhizobacterial <i>Pseudomonas</i> spp. antagonistic to <i>Fusarium oxysporum</i> and <i>Sclerotinia sclerotium</i>	2010	HNBGU, Srinagar
Neha Saxena	MSc (Supervisor)	Isolation and identification of antibacterial protein from <i>Lactobacillus</i> spp. isolated from curd	2010	HNBGU, Srinagar
Usha Devi	MSc (Supervisor)	Isolation and characterization of plant growth promoting rhizobacteria from wheat rhizosphere	2010	HNBGU, Srinagar

Student (s)	Degree	Title	Year	Awarded by
Deepakshi Gupta	MSc (Supervisor)	Screening potential antagonistic rhizospheric bacterial isolates active against root rot fungi	2011	HNBGU, Srinagar
Naved Ahmad Gauri	MSc (Supervisor)	Study on isolation and characterization of rhizospheric <i>Bacillus</i> spp. for plant growth promoting activities	2011	HNBGU, Srinagar
Ms. Pankaj	MSc (Supervisor)	Effect of nutrient modification on production of antibacterial protein produced by <i>Lactobacillus</i> spp.	2011	HNBGU, Srinagar
Tejinder Singh Oberoi	MSc (Supervisor)	Isolation and characterization of phytochemicals active against extended spectrum beta lactamase bacterial pathogens	2011	HNBGU, Srinagar
Abhishek Dubey	MSc (Supervisor)	Study on IAA production by rhizobacterial <i>Pseudomonas</i> isolates	2012	HNBGU, Srinagar
Chitra Pandey	MSc (Supervisor)	Preparation of probiotic curd by antibacterial <i>Lactobacillus</i> strains and its quality assessment	2012	HNBGU, Srinagar
Deepika Yadav	MSc (Supervisor)	Isolation and characterization of rhizobacterial <i>Pseudomonas</i> isolates for plant growth promoting activities	2012	HNBGU, Srinagar
Jagriti Tyagi	MSc (Supervisor)	Effect of iron availability on siderophore production by rhizobacterial <i>Pseudomonas</i> isolates	2012	HNBGU, Srinagar
Supriya Vaish	MSc (Supervisor)	Study on organic acid production and their role in phosphate solubilization by rhizobacterial fluorescent <i>Pseudomonas</i> isolates	2012	HNBGU, Srinagar

• Professional Activities

Activity / Membership	Organization	Since
Life member	Association of Microbiologists in India	2008

- [Awards/ Achievements](#)

Awards/ Achievements	Organization	Year
Roland Schlich award	European Geoscience Union, Germany	2019
DST-SERB International Travel Grant	DST-SERB, New Delhi	2019
Young Scientist award	UCOST, Dehradun, India.	2010
Pesticide India	Society of Mycology and Plant Pathology, Udaipur, India.	2006

Publications:	
Total number of Research Papers	46
Total number of Papers presented in various conferences/symposium etc.	15
Books	01
Book chapters	05
Review papers	04
Lead papers	07
Popular articles	06
Technical bulletins	00
Souvenir	00