

**BRIEF PARTICULARS OF THE CANDIDATE**

**Name** : Dr. Bhagwan Singh Dhaked, Asstt. Prof. (Agril. Microbiology)  
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**Educational Qualifications:**

Exams./Degree	Year	Board/Univ.	Specialization
B.Sc. (Agriculture)	2013	College of Agriculture, Nagpur, Dr. PDKV, Akola, MH	Agriculture
M.Sc. (Agriculture) (Agril. Microbiology)	2015	Professor Jayashankar Telangana State Agricultural University, Rajendranagar, Hyderabad, Telangana	Agricultural Microbiology <b>Research title:</b> Isolation and characterization of potassium and zinc solubilizing bacteria from different rhizosphere soils
NET (Agril. Microbiology).	2017	Agricultural scientist Recruitment Board, ICAR, New Delhi	Agricultural Microbiology
Ph.D. (Microbiology)	2022	IARI, New Delhi	Microbiology (Soil Microbiology) <b>Research title:</b> Arbuscular mycorrhizal fungal symbiosis under conservation agriculture in relation to soil carbon sequestration

**Honours and Awards:**

S. No.	Name of Award/ Honour	Conferred by (Name of body/organization, etc.)	Year of Award
1.	ICAR-NTS	ICAR-New Delhi	2009
2.	ICAR JRF	ICAR-New Delhi	2013
3.	IARI Senior Fellowship	ICAR-IARI	2016-2018
4.	NOF-OBC (National fellowship for OBC)	UGC	2018-19

**Experience:**

Teaching	Period	No. of years	Institution	Remarks
(i) UG	08.07.23 to 17.07.25	02 years	COA, Jhilai, SKNAU, Jobner	ADSW and Student Section Incharge, Teaches Introductory Biology, Crop Physiology, Plant Pathology and Agriculture Microbiology Courses to UG Students

(ii) UG	18.07.25 Continue	to	06 Months	Department of Nematology, SKNCOA, Jobner	Member of READY Committee
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### Details of publications

S. No.	Author(s)	Title of paper /publication	Name of Journal / publisher	Volume/ Issue/ ISBN No.	Year of publishing	NAAS Rating
1.	Geeta Singh, Ranjan Bhattacharyy, <b>Bhagwan Singh Dhaked</b> and T.K. Das	Soil aggregation, glomalin and enzyme activities under conservation tilled rice-wheat system in the Indo-Gangetic Plains	Soil and Tillage Research	217 105272	2022	12.10 (2025)
2.	<b>Bhagwan Singh Dhaked</b> , Geeta Singh and T.K. Das	Influence of conservation agriculture on soil microbial indices contributing to soil carbon sequestration in rice crop	Biological Forum- An international journal	14(1) 1103-1110	2022	4.96 (2025)
3.	<b>Bhagwan Singh Dhaked</b> and T K DAS	To determine possible relationship between the soil factors related to C sequestration and changes in the abundance, diversity of soil microorganisms under alternate tillage methods	The Pharma Innovation Journal	11(2): 1320-1324	2022	5.23 (2023)
4.	<b>Bhagwan Singh Dhaked</b> , Ganesh Kumar Koli, S Triveni, R Subhash Reddy, Aman Jaiswal and Deepak Kumar Koli	Screening of potassium and zinc solubilizing bacteria for plant growth promoting properties (PGPR) from different Rhizospheric soil	The Pharma Innovation Journal	11(2): 1315-1319	2022	5.23 (2023)

	<b>Dhaked Bhagwan Singh,</b> Triveni S., R. Subhash Reddy, Padmaja G., Kumar Ajay, Jaiswal Aman and Koli Deepak Kumar	Potassium and zinc solubilizing efficiency assessment of microorganisms from different rhizosphere soils	International Journal of Agriculture Sciences	Volume 10, Issue 6 pp.-5437-5442	2018	4.18 (2025)
5.	<b>Bhagwan Singh Dhaked,</b> S. Triveni, R. Subhash Reddy and G. Padmaja	Isolation and Screening of Potassium and Zinc Solubilizing Bacteria from Different Rhizosphere Soil	International Journal of Current Microbiology and Applied Sciences	Volume 6 Number 8 (2017)	2017	5.38 (2020)
6.	<b>Bhagwan Singh Dhaked,</b> S. Triveni, R. Subhash Reddy, Ajay Kumar, Aman Jaiswal and Deepak Kumar Koli	Characterization of Potassium Solubilizing Bacteria in different Rhizospheric Soils	Trends in Biosciences	11(10), 2018	2018	3.94 (2020)
7.	P. C. Bairwa, K. K. Sharma, Shakuntala, R. L. Meena, R. Sammauria, R. S. Meena, K. C. Gupta, H. P. Parewa R. Verma, C. Kumawat, Rani Saxena and <b>B. S. Dhakad</b> and Rajesh	Depth wise (“0 to 15” and “15 to 30” cm) Distribution of Soil Physical Properties of Dausa Tehsil of Dausa District of Rajasthan, India	International journals of plant & soil science	37(7) 13-32	2025	5.07 (2025)
8.	Bairwa, P. C., Sharma, K. K., Saxena, R., Bagdi, R. K., Verma, R., Tiwari, A., ... & <b>Dhakad, B. S.</b>	Spatial Analysis of Soil Physical Parameters at Different Depth in Sikrai Tehsil of Dausa, R, India.	International Journal of Plant & Soil Science	37(1), 486-496.	(2025)	5.07 (2025)

9.	Aman Jaiswal, Deepak Kumar Koli, Sunil Pabbi, Himani Priya, Ashish Kumar, Rahul Mishra, Ganesh Kumar Koli and <b>Bhagwan Singh Dhaked</b>	Effect of Protective Polymers and Storage Temperatures on Shelf Life of Cyanobacterial Liquid Formulation	Indian Journal of Ecology	49(4) 2022	2022	5.38 (2025)
10.	Manoj M., <b>B.S. Dhakad</b> , Geeta Singh and Jayasurya Anegundi	Study of Fungal Glycoproteins Contributing to Soil Carbon Pool in Conservation and Organic Agriculture	Biological Forum- An international journal	14(3) 1694-1701	2022	4.96 (2025)
11.	Manoj M, <b>B S Dhakad</b> and Geeta Singh	Assessment of the contribution of fungal biomolecules to soil carbon sequestration in organic and conservation agriculture	The Pharma Innovation Journal	12(2) 3831-3835	2023	5.23 (2023)

#### Participation in trainings:

S. No.	Title of Event	Organized by	Duration
1.	21 days Orientation Programme on "Agricultural Education, Research and Extension Management"	HRD, SKNAU, Jobner at RARI, Durgapura	22 February to 13 March, 2024
2.	Training on "Art and Skills for Professional Presentation"	DEE, SKNAU, Jobner and EEI, Anand, Gujarat	11 to 13 Dec. 2024
3.	Training on "Time and Stress management skills for better performance"	DEE, SKNAU, Jobner and EEI, Anand, Gujarat	03 to 05 July, 2025
4.	Co-organizing secretary of 7 days training on "Quality seed and planting material production of horticulture crops"	Under RKVY-30 Dept. of Hort. SKNCOA, SKNAU, Jobner	25 Oct., to 01 Nov. 2025