



Personal Information

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Qualification	:	Ph. D.
Discipline and specialization	:	Agronomy IFS, Organic farming, weed science and herbicide resistance
Training/ advance exposure (5-6 lines only)	:	Whole Farm Bio-Economic Modelling and Integrative Sustainability Assessment Tool

Professional Information

Major Contributions	:	<ul style="list-style-type: none"> ➤ Updated the cropping system atlas of India and prepared futuristic crop plan (ACZ crop plan, AER crop plan, State and District crop plan) on the base above work finding PPCD project approved by MoA which implemented in 75 districts of country ➤ Characterized the herbicide use and factors responsible for herbicide resistance in Phalaris minor in wheat in Haryana, India ➤ Assessed the nutrient gap and yield gap across the various NARP zones. <p>Contribute in development of five technology approved by ICAR</p>
Current area of research	:	Integrated farming system, MVCD and Futuristic crop plan
Major Publications (10)	:	<ul style="list-style-type: none"> ➤ Singh R., Singh, R., Yadav, D. B., Ravisankar, N., Yadav, A., Singh, H. (2019). Crop residue management in rice–wheat cropping system for resource conservation and environmental protection in north-western India. Environment, Development and Sustainability (2019). https://doi.org/10.1007/s10668-019-00370-z. NAAS Rating NAAS Rating 10.08. ➤ Singh, R., Yadav, D. B., Yadav, A. & Punia, S, S. (2021). Characterization of herbicide use and factors responsible for herbicide resistance in Phalaris minor in wheat in Haryana, India, Crop Protection (144) 105581. NAAS Rating 9.04.

		<ul style="list-style-type: none"> ➤ Singh R, Ravisankar N and Prasad K (2017). Improvement in productivity and economics of major food production systems of India through balanced dose of nutrients. <i>Current Science</i> 112 (12): 2470-74. NAAS Rating 7.17. ➤ Singh, R., Yadav, D. B., Sharma R, Sharma S. (2021). Current status of herbicide resistance in <i>Phalaris minor</i> in wheat in Haryana. <i>Indian Journal of Agricultural Sciences</i> 91 (9): 1396–1400. ➤ Panwar A. S., Ansari M. A., Natesan R., Babu S., Prusty A. K., Ghasal P. C., Choudhary J., Shamim M., Singh R., Raghavendra K. J., Dutta D., Meena A. L., Chauhan G. V., Ansari M. H., Singh R., Aulakh C. S., Singh D. K. and Sharma P. B. (2022). Effect of organic farming on the restoration of soil quality, ecosystem services, and productivity in rice–wheat agro-ecosystems <i>Frontiers in Environmental</i> NAAS Rating 11.41. ➤ Ravisankar, N., Ansari M. A., Shamim M., Prusty A. K., Singh R., Panwar A. S., Dutta D., Bhaskar S., Bindhu J. S., Mothkur T. S., Kaur J., Varghese C., Dash S., Bhowmik A., Bal S. K. (2022). Sustainable livelihood security of small farmers improved through resilient farming systems in the Semi-Arid Region of India <i>Land Degradation & Development</i>, NAAS Rating 10.38. ➤ Venkatesh Paramesh, Parveen Kumar, Mohammad Shamim, Natesan Ravisankar, Vadivel Arunachalam, Arun Jyoti Nath, Trivesh Mayekar, Raghuveer Singh, Ashisa K. Prusty, Racharla Solomon Rajkumar, Azad Singh Panwar, Viswanatha K. Reddy, Malay Pramanik, Anup Das, Kallakeri Kannappa Manohara, Subhash Babu and Poonam Kashyap (2022). Integrated Farming Systems as an Adaptation Strategy to Climate Change: Case Studies from Diverse Agro-Climatic Zones of India 14 (1-22) doi.org/10.3390/ su141811629. ➤ Bhanu, C., Ravisankar, N, Ghasal, P C, Choudhary, J., Singh R., Raghvendra, K. J., Meena, A L., Meena L. K., Dutta D., Mishra R.P., Balasubramani N., A Sadalaxmi A., Panwar A S (2022) Knowledge based assessment of trained certified farm advisors (CFA) on organic farming 92 (1).
Awards and Fellowships (ICAR/Recognition society awards)	:	<ul style="list-style-type: none"> ➤ FAI Awards 2021: IPI-FAI Award for Balanced and Integrated Fertilizer use with emphasis on potassium ➤ Junior Research Fellowship (JRF) ➤ National Talent Scholarship (NTS)