

Brief Curriculum Vitae of Prof. Ummed Singh

Prof. Ummed Singh, PhD, PDF

Post held: Director Research and Professor (Agronomy)

Field of Specialization: Plant Nutrition, Biofortification, Cropping Systems Research, Pulses Agronomy, Integrated Farming Systems

Parent Organization: Sri Karan Narendra Agriculture University, Jobner

Present place of work: Directorate of Research, Sri Karan Narendra Agriculture University, Jobner-303329, Jaipur, Rajasthan, India

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Academic Qualifications:

- 2016 PG Diploma in Technology Management in Agriculture, University of Hyderabad, Hyderabad
- 2011 Post Doctoral Research Fellow (Agronomy), Nanjing Agricultural University, Nanjing, P.R. China
- 2005 Ph.D. (Agronomy), Indian Agricultural Research Institute, New Delhi, India
- 2000 M.Sc. (Ag.) Agronomy, Rajasthan Agricultural University, Bikaner, Rajasthan, India
- 1998 B.Sc. (Hons.) Agriculture, Rajasthan Agricultural University, Bikaner, Rajasthan, India

International Exposure:

- Participated in 'Rothamsted Data Hackathon: Communicating Science through Data' at United Kingdom
- Aailed International Training at Colorado State University, Fort Collins, Colorado, USA
- Presented paper in 'ICIAST-2016' at Kasetsart University, Bangkok, Thailand
- Chaired technical session in 'Global Forum for Innovations in Agriculture-2015' at Abu Dhabi, UAE
- Presented paper in 'Global Forum for Innovations in Agriculture-2014' at Abu Dhabi, UAE
- Post Doctoral Research Fellow, Key Laboratory of Crop Physiology & Ecology in Southern China, College of Agronomy, Nanjing Agricultural University, Nanjing, P. R. China under 'Indo-China Cultural Exchange Program-2009-11.'
- Visited Silpakorn University, Bangkok, Thailand
- Visited University Putra Malaya, Kuala Lumpur, Malaysia
- Visited University of Hong Kong, Hong Kong

Professional Experience:

Post Held	Organization	Responsibility
Director Research	Sri Karan Narendra Agriculture University, Jobner	Research Management
Dean	College of Agriculture, Fatehpur-Shekhawati, Sikar, Rajasthan	Academic Management
ZDR	Agricultural Research Station, Fatehpur-Shekhawati, Sikar, Rajasthan	Research Management
Associate Dean (Academics)	RARI, Durgapura, Jaipur (SKN Agriculture University, Jobner, Jaipur)	Academic Management
Professor	SKN Agriculture University, Jobner	Teaching, Research, Extension
Dean	College of Agriculture, Baytu, Barmer, Rajasthan	Academic Management
Director PME	Agriculture University, Jodhpur	Administration and Management
Head	Department of Agronomy, Agriculture University, Jodhpur	Administration, Teaching and Research
Dean	College of Agriculture, Agriculture University, Mandor, Jodhpur, Rajasthan	Academic Management
Professor	Agriculture University, Jodhpur, Rajasthan	Teaching, Research and Extension
Principal Scientist	ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh	Research and Extension
Senior Scientist	ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh	Research and Extension
Assistant Professor-cum-Jr. Scientist	Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Shalimar, Srinagar, J&K, India	Teaching, Research and Extension

Post Fellow	Doctorate	Nanjing Agricultural University, Nanjing, Jiangsu, P.R. China	Research
Assistant Professor-cum-Jr. Scientist		Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Shalimar, Srinagar, J&K, India	Teaching, Research and Extension

Awards/ Distinction Received:

- ❖ Received 'Rothamsted Hackathon Award for Excellence and Innovation -2025'. Awarded by Rothamsted Research, United Kingdom
- ❖ Received Appreciation Award by the District Administration, Barmer, Government of Rajasthan on the occasion of 74th Republic Day i.e. 26th January, 2023 in the field of 'Outstanding services rendered in the field of agricultural education'.
- ❖ Awarded SHRIRAM PURUSKAR 2019-20 for Best Article entitled 'Rabi Dalhan: Kisanon ki Aay Doguni Karne Hetu Uttam Krishi Kriyayen' published in *Khad Patrika* 61(9): 17-31 (September 2020) by Fertilizer Association of India, New Delhi.
- ❖ Awarded GKV Society Fellow-2018 by the GKV Society, Agra
- ❖ Awarded 'Distinguished Scientist Award' by Society for Bioresource and Stress Management, Kolkata in the Third International Conference on 'Bioresource and Stress Management' held at State Institute of Agriculture Management (SIAM), Jaipur during 08-11 November, 2017
- ❖ ISPRD Fellow-2016, Indian Society of Pulses Research & Development, ICAR-IIPR, Kanpur
- ❖ Awarded Reviewer Excellence Award-2016
- ❖ Awarded ISA Associateship-2015 by the India Society of Agronomy, New Delhi
- ❖ Awarded Best Oral Presentation (three) National Conferences at Bangkok, Bikaner and Sabour
- ❖ Awarded SERS Fellow-2015 by the Scientific and Educational Research Society, Meerut, Uttar Pradesh, India in the International Conference on 'Innovative Approaches in Applied Sciences and Technologies' held at Kasetsart University, Bangkok, Thailand during 01-05 February, 2016
- ❖ Awarded 'Innovative Scientist of the Year-2014' by the Scientific and Educational Research Society, Meerut, Uttar Pradesh.
- ❖ Awarded SHRIRAM PURUSKAR 2013-2014 for best Article by Fertilizer Association of India, New Delhi.
- ❖ Awarded Best Poster in the 'National Conference on Pulses: Challenges and Opportunities under Changing Climate Scenario' at JNKVV, Jabalpur.
- ❖ Awarded IMPHOS-FAI Award 2013.
- ❖ Chinese Government Scholarship 2009-11.

Peer Recognition:

- Vice-President, Indian Society of Weed Science, Jabalpur and Indian Association of Soil and Water Conservationists, Dehradun
- Life member of Scientific/Professional Societies: 15
- Reviewer of the journals: 25 (Experimental Agriculture (Cambridge), Soil & Tillage Research, Frontiers in Nutrition, CATENA, Archives of Agronomy & Soil Science, National Academy of Science-Biol. Sciences etc.)
- Editor of the journals: 09 (Indian Journal of Agronomy, Journal of Nutrition and Human Health etc.)
- Invited lectures delivered in trainings/refresher courses/conferences etc.: 134
- No. of trainings/winter/summer school/workshop organized: 21
- Participated in national/international conferences, symposia, webinar, seminar, workshop: 77
- Summer/winter schools/short trainings attended: 20
- No. of Research Projects (As PI and Co-PI): Concluded (Inhouse)-28; Externally funded-08; International-02
- Radio, TV Talks delivered: 31
- Publication: Research paper (80), review paper (14), Proceeding/Lead Paper (19), Technical bulletin/Training manual (13), Extension folder (18), Book chapter (38), Book (4), Conference souvenir (1), Annual report (3), Knowledge paper (2), Policy paper (02), Compendium chapters (45), Conference/Symposia/Seminar paper (27), Popular articles (68), Extended summary (22), Abstracts (54)
- Courses taught: PhD (Agronomy), MSc (Ag) Agronomy and BSc (Hons) Agriculture/ Horticulture/ Forestry/ Sericulture
- Student guided as major advisor: MSc (Agronomy) 03; PhD (Agronomy) 02

Important Book/Training manuals published (ORCID ID: <https://orcid.org/0000-0002-9526-8821>):

- **Singh, Ummed.** and Praharaj, C.S. 2021. Nutrient Use Efficiency through Next Generation Fertilizers. Brillion Publishing, New Delhi. ISBN: 9789390757749 (Hard Book) e-ISBN: 9789390757756 (eBook)

- **Singh, Ummed.**, Praharaj, C.S., Singh, S.S. and Singh, N.P. 2016. Biofortification of Food Crops. Springer (India) Pvt. Ltd. ISBN 978-81-322-2714-4 (Hard Book) ISBN 978-81-322-2716-8 (eBook) DOI: 10.1007/978-81-322-2716-8
- **Singh, Ummed.** and Praharaj C.S. 2017. Chemical Analysis of Soil and Plant Samples. Practical Manual (13/2017), ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh- 208 024, India. pp. 58
- **Singh, Ummed.**, Praharaj, C.S., Kumar, N., Deo, M.M. and Kumar, L. 2017. Enhancing Nutrient Use Efficiency through Next Generation Fertilizers in Field Crops. Training Manual (10/2017), ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh- 208 024, India. pp. 229.
- Praharaj, C.S., **Singh, Ummed.**, Verma, P., Kumar, N., Hazra, K.K., Nath, C.P., Dev, M.M. and Singh, S.S. 2017. Scaling Water productivity and Resource Conservation in Upland Field Crops Ensuring More Crop per Drop. *Training Manual*, ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh- 208 024, India. pp. 1-286.
- **Singh, Ummed.**, Praharaj, C.S., Kumar, L., Singh, J. and Singh, S.S. 2014. Biofortification of food crops. *Training manual*, Indian Institute of Pulses Research, Kanpur-208024, India. 243 pp.

(Ummed Singh)