

Khushboo Rani



Designation: Scientist

ICAR-IISS, Bhopal (M.P)

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Educational Background

- M.Sc (Soil Science & Agricultural Chemistry), ICAR-Indian Agricultural Research Institute, New Delhi (2015-2017)
- B.Sc. (Ag.) Hons. Odisha university of Agriculture and Technology, Bhubaneswar, Odisha (2011-2015)

Research Areas:

- Soil Potassium dynamics
- Soil Fertility
- Exploration of potential use of indigenous mineral as fertilizers
- Improving solubility of low grade Potassium minerals

Professional Experience:

Position	Institution	Joining date
Scientist	ICAR-Indian Institute of Soil Science, Bhopal (M.P.)	13.01.2021
Scientist	ICAR-NAARM, Telangana	05.10.2020

Awards and Honours:

- Best poster award (1st position) at **International Conference on Advances in Potassium Research for Efficient Soil and Crop Management**, 28-29 August, 2017 at New Delhi
- Received certificate of participation in the **Indian Society of Soil Science zonal award-2018 (North Zone)** for presentation of research work carried out during master's degree programme
- Qualified **National Eligibility Test (NET-2018)** conducted by ASRB in the Discipline of Soil Science
- **Junior Research Fellowship** awarded ICAR-IARI, New Delhi (2015-2017)
- **National Talent Scholarship** awarded by ICAR, New Delhi (2011-2015)

Research Publications:

Rani, K., Biswas, D.R., Bhattacharyya, R., Biswas, S., Das, T.K., Bandyopadhyay, K.K. and Kaushik, R. (2021) Bio-activation of waste mica through potassium solubilizing bacteria and rice residue on potassium availability to wheat (*Triticum aestivum*). *The Indian Journal of Agricultural Sciences (Accepted)*.

Abinash, D., Mishra, R., **Rani, K.**, Kundu, S., and Jayaraman, S. and Srinivasa Rao, Ch. (2021). Improving nutrient use efficiency: Research, technology and policy. In: Innovations and Advances in Agricultural Research, Technology and Policy. Rao, S. Ch., Balakrishnan, M., Sumanth Kumar, V.V., Krishnan, P., and Soam, S.K. (eds.). ICAR-National Academy of Agricultural Research Management, Hyderabad (communicated) Under Printing Press.