

Brief Profile



Mr. Rahul Mishra
Scientist

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Educational Background

Ph.D. (pursuing) (Soil Science & Agricultural Chemistry), ICAR-Indian Agricultural Research Institute, New Delhi; M.Sc. (Soil Science & Agricultural Chemistry), Indian Agricultural Research Institute, New Delhi (2017), B.Sc. (Ag.) Institute of Agricultural Sciences, Banaras Hindu University, Varanasi (2015).

Research Specialization: Soil Sciences & Agricultural Chemistry

Soil Fertility

Soil Chemistry

Heavy Metal and Arsenic Contamination in soil and plant system and Risk Assessment

Professional Experience:

- ❖ Thesis during M.Sc. “Enhancing efficacy of phytoextraction of Zinc, Cadmium and Lead in contaminated soil” (ICAR-Indian Agricultural Research Institute, Pusa, New Delhi, India)
- ❖ Thesis during Ph.D. “Risk assessment and mitigation of arsenic contaminated rice soils in Nadia District of West Bengal”.

Awards and Honours:

- ❖ Awarded Junior Research Fellowship (all India rank 1 in Physical Science) by Indian Council of Agricultural Research (ICAR), Government of India, for conducting M.S. at ICAR-Indian Agricultural Research Institute, Pusa, New Delhi, India
- ❖ Best Seminar Presentation Award-2016 Division of Soil Science and Agricultural Chemistry, ICAR-IARI.
- ❖ IARI Merit Scholarship-2017 ICAR-Indian Agricultural Research Institute, New Delhi
- ❖ Best oral presentation award for the paper entitled “Enhancing efficacy of phytoextraction of zinc, cadmium and lead in contaminated soil” in the International Conference on “Agriculture, Allied Sciences and Biotechnology for Sustainability of Agriculture, Nutrition and Food Security” organized by “Mahima Research Foundation and Social Welfare” at Banaras Hindu University, Varanasi on November 25-26, 2017
- ❖ Received Yash Pal Kalra ISSS Annual convention Travel Award 2018 (19th Nov 2018) by Delhi Chapter of Indian Society of Soil Science
- ❖ Received Best M.Sc. thesis Award-2019 by Society for rapeseed mustard research Bharatpur Rajasthan in 4th National brassica conference (Feb 1-3, 2019) at Chandra Shekhar Azad university of Agriculture and Technology, Kanpur

Publications:

Rahul Mishra, Siba Prasad Datta, Kannepalli Annapurna, Mahesh Chand Meena, Brahma Swaroop Dwivedi, Debasis Golui and Kalikinkar Bandyopadhyay (2019) Enhancing the effectiveness of zinc, cadmium, and lead phytoextraction in polluted soils by using amendments and microorganisms. Environmental Science and Pollution Research, DOI: 10.1007/s11356-019-05143-9.

Review paper

Datta, S.P., Meena, M.C., Barman, M., Golui, D., **Mishra, R.** and Shukla, A.K. (2018) Soil Tests for Micronutrients: Current Status and Future Thrust. Indian Journal of Fertilizers 14(5): 32-51.