


Profile of Dr I. Rashmi

	<p>Name: Dr I.Rashmi Designation: Scientist (Soil Science) Date of Birth: 25.06.1981 Area of Specialization: Developing phosphorus saturation indices for major Indian soil orders; Characterisation of zeolites for nutrient use efficiency; Developing rapidsoil test kit; Conservation agriculture for nutrient dynamics; Biochar sorption and carbon dynamics; Resource conservation with cover crops and soil amendments; Soil and water conservation techniques for tablelands and gully eroded regions Email ID: Rashmi.I@icar.gov.in ; rashmiuas25@gmail.com ERP ID:011841 Mobile: +91-9664078964; Phone:91-0744-2462642; Fax:91-0744-2460853</p>
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Detail Profile

Education

Degree	Year of passing	University/ Institution
Ph. D	2013	UAS, GKVK, Bangalore(Karnataka)
M.Sc (Soil Science &Agril. Chemistry)	2005	UAS, Dharwad (Karnataka)
B.Sc (Agri.)	2003	IGKV, Raipur, Chhattisgarh

Professional History

Position	Year	Organization
Scientist	01.01.2016 to till date	ICAR- Indian Institute of Soil & Water Conservation, Research Centre, Kota
Scientist	28.08.2009 toto 30.12.2015	ICAR- Indian Institute of Soil Science, Bhopal
Scientist (Trainee)	21.04.2009 to 21.08.2009	ICAR-NAARM, Hyderabad

Publications (summary)

S. No.	Publication	Number
1	Research Publications	30
	National	16
	International	14
2	Books	
	Authored	0
	Edited	0
3	Book Chapters	10
4	Lead Papers	0
5	Radio talks	0
6	Technical/Research Reports/ Compilation / Bulletins	5
7	Extension Folders/leaf lets	5
8	Symposia/Workshop/Seminar Papers	20

9	Popular article	25
10	Professional Trainings attended	6
11	Consultancy project handled (Leader in 0 & Associated in 0)	1
12	No. of training organized	
	Short duration sponsored training (Trained: 0)	0
	Soil Conservation Regular Training Course: (5 ½ or 4 months duration) (Trained: 0)	0
	B.Tech students Field Practical training- one to two months (No Students: 0)	0
13	Seminars/Symposia/Workshops/Summer or Winter School/Organized	0
14	External projects handled	4

Most important 5 Publications

1. K.Ramesh, K.S.Reddy, **I.Rashmi**, A.K.Biswas and A.Subba Rao (2014) Porosity, surface area and morphology of synthetic potassium zeolites: A SEM and N₂ adsorption study. Communications in Soil Science and Plant Analysis, 47:3, 369-374.
2. **I.Rashmi**, A.K.Biswas, V.R.R.Parama, V.Coumar and Shinogi K.C. (2015) Understanding phosphorus accumulation and movement in Vertisol and Inceptisol of North India. Nat. Acad. Sci. Let. 38 (4): 339-341.
3. R. K. Singh, R. S. Chaudhary, J. Somasundaram, N. K. Sinha, M. Mohanty, K. M. Hati, **I. Rashmi**, A. K. Patra, S. K. Chaudhari, Rattan Lal (2020) Soil and nutrients losses under different crop covers in vertisols of Central India. Journal of Soils and Sediments. 20:609–620
4. **I.Rashmi**, H.R. Meena, S.Kala and Anita Kumawat (2020) Micronutrient imbalance in sapota orchard in table lands of semi arid regions Rajasthan, India. Indian Journal of Horticulture 77(3): 553-555.
5. **I.Rashmi**, Ali Shakir, Mina BL, Kumar K, Kumar A, Singh RK (2021) Short term effect of resource conservation practices on soil loss, productivity and energy budgeting of soybean-mustard system in table lands of Chambal ravine. Agriculture Research. 10(2): 223-233.

Google Scholar link

<https://scholar.google.com/citations?user=tgwgUXsAAAAJ&hl=en&oi=sra>

ResearchGate link

<https://www.researchgate.net/profile/I.Rashmi>

Awards/Fellowships/Recognitions

S.No.	Name of the Award/Fellowship /Recognition	Awarding organization	Year of award
1.	Best poster award	International conference organised by Madhya Pradesh Centre of Science and Technology (MPCOST), Bhopal	2013
2.	ISSS best doctoral award	Indian Society of Soil Science, New	2014

		Delhi	
3.	Best Public Sector Organization to ICAR-IISS, Bhopal (Agri-KrishiSansthanSaman) Team award	Mahindra & Mahindra Ltd	2016
4.	Young Scientist Award	Indian Association of Soil and Water Conservationists, Dehradun	2019
5.	First prize in oral presentation	International Web-Conference, Agro Environmental Development Society (AEDS), India	2020

Research Projects as PI (Concluded)

Resource conservation and productivity enhancement through different organic and inorganic amendments in soybean-mustard cropping systems

Other accomplishments

Product developed	Description	Documentary proof	Commercialization
Digital mobile quantitative soil test minilab (<i>Mridaparikshak</i>) developed to provide soil testing service	ICAR-Indian Institute of Soil Science, Bhopal, an institute has developed a mini laboratory ' <i>Mridaparikshak</i> ' (trade mark) that can estimate some important soil parameters.	MoU signed between ICAR-IISS, Bhopal and Nagarjuna chemicals Pvt Ltd and other proof	1. The commercialization of the <i>Mridaparikshak</i> mini lab has so far generated a royalty of Rs. 2.13 crore for the institute ICAR-IISS, Bhopal 2. Demonstration of <i>Mridaparikshak</i> to various organizations (February 18, 2015 at NASC, New Delhi; Department of Agriculture and Cooperation, MOA, GOI on April 7 & 8 at NASC, New Delhi; 87th Annual General Meeting (AGM) of ICAR during July 25-27, 2015 at Patna. Hon'ble Prime Minister distributed <i>Mridaparikshak</i> to rural youths etc