

## BIO DATA

### 1. Personal information

<b>Name</b>	<b>Sumitra Devi Bamboriya</b>
<b>Post</b>	<b>Assistant Professor</b>
<b>Department</b>	<b>Agronomy</b>
<b>Address</b>	<b>Department of Agronomy, S.K.N. College of Agriculture (Sri Karan Narendra Agriculture University) Jobner, Dist. Jaipur – 303 329 (Rajasthan)</b>
<b>Permanent address</b>	<b>Bamboriya ki Dhani, Post-Mokhampura, Tehsil- Mozamabad, Distt-Jaipur (Raj-303604) E-mail:sumitra.agro@sknau.ac.in, Mobile No. 9829654909</b>

### 2. Educational qualification

<b>Name of Exam</b>	<b>Board/Institute/University</b>	<b>Year of passing</b>	<b>Marks obtained (%)</b>
Secondary	BSER, Ajmer	2008	89.50
Senior secondary	BSER, Ajmer	2010	83.69
B.Sc.	SKRAU, Bikaner	2014	77.40
M.Sc.	MPUAT, Udaipur	2016	88.30
NET	ASRB-NET, New Delhi	2017	74.44

### 3. Experience- Research/Teaching/Extension/Administrative

<b>Post held</b>	<b>Organization</b>	<b>Pay scale &amp; Grade pay</b>	<b>Period</b>		<b>Type</b>
			<b>From</b>	<b>To</b>	
SMS, Agronomy	KVK, Maulasar, AU, Jodhpur	15600-39100/- GP-5400/	21.02.2018	02.08.2023	Extension
Asstt. Prof., Agronomy	RARI, Durgapura	57700-182400 GP-6000/	03.08.2023	20.02.2024	Research
Asstt. Prof., Agronomy	SKNCOA, Jobner	57700-182400 GP-6000/	21.02.2024	Cont.	Teaching & Research

### 4. Areas of Specialization: Weed management & Nutrient management

**5. Biography:** Executed field experiments on evaluation of improved varieties, weed management and nutrient management under AICRP- MULLaRP at RARI, Durgapura. I assumed additional responsibility of Junior Agronomist in AICRIP on Rapeseed-Mustard (Taramira unit) at SKNCOA, Jobner. I have also conducted trial as Co-PI in a testing trial on ‘Pioneer 45S42 CL mustard performance evaluation’ during 2024-25. I have authored/coauthored twenty peer-reviewed research articles on topics such as weed management, nutrient management and crop production in national and international journals, eight books & book chapters, one training manual, twelve booklets and 35 popular articles. Co-coordinated and executed a workshop on ‘International OECD Seed Certification’ at RARI Durgapura for participants, enhancing practical skills and engagement. Attended and actively participated in twenty two trainings, conferences, seminars and workshops. Enrolled as a Life Member of the Indian Society of Agronomy (ISA), Society for Community Mobilization for Sustainable Development, Rajasthan Society of Extension Education (RSEE), Udaipur and Society for Integrated Development of Agriculture (SIDA), Agriculture University, Jodhpur, Rajasthan actively contributing to the dissemination of advanced agronomic knowledge.

#### **6. Fellowships & Awards:**

- i. JRF-2014, ICAR New Delhi
- ii. SRF-2017, ICAR New Delhi

#### **7. Key Publications**

- 1) Bamboriya, J.S., Purohit, H.S., B. Naik, S.S.S., Pramanick, B., **Bamboriya, S.D.**, Bamboriya, S.D., Doodhawal, K., Sunda, S.L., Medida, S.K., Gaber, A., Alsuhaibani, A.M. and Hossain, A. 2023. Monitoring the effect of integrated nutrient management practices on soil health in maize-based cropping system. *Frontiers in Sustainable Food Systems*. DOI 10.3389/fsufs.2023.1242806. (NAAS: 10.70).
- 2) **Bamboriya, S.D.**, Kaushik, M.K., Bamboriya, S.D., Jajoriya, D. and Kumawat, A. 2017. Productivity and profitability of Indian mustard (*Brassica juncea*) as influenced by weed-management practices under irrigated condition. *Indian Journal of Agronomy* **62** (2): 233-235.

- 3) **Bamboriya, S.D.**, Kaushik, M.K., Bamboriya, S.D. and Tiwari, R.C. 2016. Weed dynamics and weed control efficiency under different weed management practices for increased productivity of mustard. *Indian Journal of Weed Science* **48**(4): 458-459.
- 4) **Bamboriya, S.D.**, Singh, G.S., Jat, A.S. and Choudhary, M.D. 2023. Performance of high yielding barley variety under biotic and abiotic stress conditions in Nagaur district of Rajasthan, *Journal of Community Mobilization and Sustainable Development*, Vol. 18(2): 583-586.
- 5) **Bamboriya, S.D.**, Singh, G.S. and Dagar, R. 2025. Enhancing productivity of clusterbean through front line demonstration in water stress condition of Nagaur district of Rajasthan. *Journal of Community Mobilization and Sustainable Development* **20**(2):518-521. DOI: 10.5958/2231-6736.2025.00123.0 (NAAS rating- 5.02).
- 6) Singh, G.S., **Bamboriya, S.D.**, and Choudhary, M.D. 2020. Harnessing groundnut productivity through cluster frontline demonstration in western Rajasthan. *Journal of Community Mobilization and Sustainable Development*, **15**(3), 705-707.
- 7) J.S. Bamboriya, H.S. Purohit, Gajanand Jat, **S.D. Bamboriya**, K. Dudhwal, A.K. Meena 2022. Impact of integrated nutrient management practices on soil biological properties. *Agricultural mechanization in Asia*, **53**(2):5319-5326.

### 8. Courses Taught:

S.No.	Course Code	Title
1.	AGRON 121	Introductory Agro-meteorology and Climate Change
2.	AGRON 122	Principles and Practices of Natural Farming
3.	AGRON 112	Livelihood Based Farming System
4.	AGRON 211	Crop Production Technology-II ( <i>Kharif</i> Crops)
5.	AGRON 221	Crop Production Technology-II ( <i>Rabi</i> Crops)
6.	AGRON 222	Farming System and Sustainable Agriculture
7.	AGRON 521	Modern Concepts in Crop Production
8.	AGRON 511	Principles and Practices of Water Management