

# RESUME

**NAME: DR. SOUMEN BERA**

**DESIGNATION: Assistant Professor (Stage II)**

**CONTACTS:**

**1. OFFICIAL ADDRESS FOR CORRESPONDENCE:**

College of Agriculture, Extended Campus of BCKV,  
Purba Burdwan-713101

**2.PHONE :** Mobile: 9002498303/ 9476198127

WhatsApp: 9002498303

**3.EMAIL :** Institutional: bera.soumen@bckv.edu.in

Alternative: soumen.bckv@gmail.com

**4.ORCID ID:** <https://orcid.org/0000-0001-5150-0062>

**5. GOOGLE SCHOLAR PROFILE:** <https://scholar.google.co.in/citations? =en&user=D4zIes8AAAAJ>

**6.RESEARCHGATE PROFILE:** <https://www.researchgate.net/profile/Soumen-Bera-4>

**7.DATE OF BIRTH: 05 /01/1986**

**8.DATE OF JOINING TO THE UNIVERSITY: 19/ 12/ 2014**



**9. ACADEMIC PROFILE:**

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D. (Ag.) in Agronomy	BCKV	2013
MASTER'S	M.Sc. (Ag.) in Agronomy	BCKV	2009
BACHELOR'S	B.Sc. (Ag.) Hons.	BCKV	2007

**10. EMPLOYMENT HISTORY:(Starting from present position)**

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor (Agronomy)	College of Agriculture, Extended Campus of BCKV, Purba Burdwan	19.12.2014	Till date
Subject Matter Specialist (Agronomy)	Sasya Shyamala Krishi Vigyan Kendra, Ramakrishna Mission Vivekananda University, Narendrapur	01.01.2014	18.12.2014

**11. ADMINISTRATIVE POST(S)/ RESPONSIBILIY(IES) (IF ANY)**

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	Provost (Boys' Hostel-2)	01.01.2019	31.03.2020

**12. AREA OF RESEARCH : (Bulleted list)**

- Weed management
- Nutrient management
- Medicinal and aromatic plants

### 13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
<b>UNDERGRADUATE</b>	AG 101	Agriculture Heritage	1(1+0)
	AGR 102	Fundamentals of Agronomy I	2(1+1)
	AGR 151	Fundamentals of Agronomy II	2(1+1)
	AGR 152	Crop Production Technology I ( <i>Rabi</i> crops)	2(1+1)
	AGR 201	Crop Production Technology II ( <i>Kharif</i> crops)	2(1+1)
	AGR 251	Crop Production Technology III ( <i>Rabi</i> crops)	2(1+1)
	EC 260	Hill, Dryland and Coastal Agriculture	3(2+1)
	AGR 301	Crop Production Technology IV ( <i>Kharif</i> crops)	2(1+1)
	AGR 302	Rainfed Agriculture and Watershed Management	2(1+1)
	EC 313	Weed Management	3(2+1)
	AGR 351	Principles of Organic Farming	2(1+1)
	AGR 352	Farming System and Sustainable Agriculture	2(1+1)
		Rural Agricultural Work Experience and Agro Industrial Attachment (RAWE&AIA)	20(0+20)
	Experiential Learning Programme (ELP)	10(0+10)	
<b>POST GRADUATE</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>Ph.D.</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

### 14. NUMBER OF STUDENTS SUPERVISED:

Master's.: Nil; Doctoral: 03 (pursuing)

### 15. RESOURCE PERSON FOR OTHER INSTITUTES (involvement in teaching or working as member of academic/ research bodies of other organizations, if any)

### 16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

Life member of Indian Society of Weed Science, Crop and Weed Science Society, Society for Fertilizers and Environment, Indian Society of Agronomy, Medicinal and Aromatic Plants Association of India (MAPAI)

### 17. PROJECT ACTIVITIES

	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Field bio-efficacy cum phytotoxicity evaluation of Clomazone 50%EC against weed complex in Transplanted Paddy	Meghmani Industries Limited	COMPLETED	PI
2	Evaluation of Bio-efficacy & Phytotoxicity Pyrexasulfone 50g/l + Pendimethalin 400g/l ZC (BAS 822 01H) for weeds in Maize and its effect on succeeding crop	M/S BASF India Limited	COMPLETED	PI
3	Experimental evaluation of hybrid maize seeds	Sheena Biotech Private Limited	COMPLETED	PI

4	Evaluation of Bio-efficacy and phytotoxicity of BAS 625 04 H against grassy weeds in direct seeded rice and its residual effect on succeeding crop	M/S BASF India Limited	COMPLETED	PI
5	Bio-efficacy evaluation of Bensulfuron Methyl 60% DF on paddy	Agrisol India Private Limited	COMPLETED	PI
6	Evaluation of Bio-efficacy of Fytovita (Bio-stimulants) in <i>rabi</i> transplanted paddy	T. Stanes and Company Limited	COMPLETED	PI
7	Evaluation of effect of T-90 and TZ-708 dispersible granules application on qualitative & quantitative parameters, nutrient uptake, soil physicochemical properties, growth and yield of rice crop	Sulphur Mills Limited	COMPLETED	PI
8	Evaluation of bio-efficacy, phytotoxicity of Biostimulant- Seaweed extract (Maxilizer/ Indolizer) Liquid and Granules against growth and yield attributing parameters of Potato	Indofil Industries Limited	COMPLETED	PI
9	Evaluation of bio-efficacy, phytotoxicity of Biostimulant- Seaweed extract (Maxilizer/ Indolizer/ Activmax) Liquid against growth and yield attributing parameters of Soybean	Indofil Industries Limited	COMPLETED	PI
10	Evaluation of Rice - Potato system using Polyhalite (Poly4) as a source of potassium in Lower Gangetic plains of West Bengal (India)	Anglo American Crop Nutrients (India) Private Limited (Erstwhile Sirius Minerals India Private Limited)	ONGOING	PI
11	Evaluation of bio-efficacy, phytotoxicity of Gibberellic Acid 0.001%L on Groundnut	M/s Panshibao Wang Private Limited	ONGOING	PI
12	Evaluation of bio-efficacy, phytotoxicity of Florpyrauxifen-benzyl 2.5% EC, Florpyrauxifen-benzyl 12.5g/L+Penoxsulam 20g/L OD and Florpyrauxifen-benzyl 20g/L+Cyhalofop Butyl 100g/L EC for weed control both in transplanted and direct seeded rice in <i>kharif</i> season and their effects on succeeding crops	Corteva Crop India Pvt Ltd	ONGOING	PI

## 18. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME

### A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Skill Development Training on Gardener	16 <sup>th</sup> January to 16 <sup>th</sup> February, 2024	COA, BCKV, Burdwan	Co-coordinator

**B. ATTENDED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Winter School on “Developing Strategies for Doubling Income in Low Rainfall Areas”	21 days (05-25 September, 2017)	ICAR-Central Arid Zone Research Institute, Jodhpur, Rajasthan (India)	Trainee
2	Winter School on "Advances in Experimental Data Analysis"	21 days (Sep 15, 2016 to Oct 05, 2016)	ICAR-IASRI	Trainee
3	Winter school on “Understanding and optimizing ecological resources and processes for profitable organic/natural farming with sustainability”	21 days (08 Feb-29 Feb, 2024)	SKUAST-K.	Trainee

**19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc.****A. ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Eco-efficiency in Agriculture and Allied Research (EEAAR’17)	20-23 January, 2017	FACC, BCKV, Kalyani	Member of Organizing Committee
2	AGRISKILLS FOR CONVERGENCE IN RESEARCH, INDUSTRY & LIVELIHOOD (ACRIL)	November' 28 to December' 01, 2019	FACC, BCKV, Kalyani	Member of Organizing Committee
3	6 <sup>th</sup> CWSS INTERNATIONAL CONFERENCE ON Agricultural Innovations for Sustainable Development Goals with Special Focus on Natural Farming (AISDGONF-2023)	<a href="#">30 September.- 02 October 2023</a>	FACC, BCKV, Kalyani	Member of Organizing Committee

**B. ATTENDED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	National Seminar on “Sustainable Agriculture for Food Security and Better Environment”	17-18, December 2015.	FACC, BCKV	Presenter
2	National Seminar on “Resource Based Inclusive Agriculture & Rural Development: Opportunities & Challenges”	15-16 January, 2016	Faculty Centre of Integrated Rural Development and Management (IRDM), Ramakrishna Mission Vivekananda University (RKMVU)	Presenter
3	23 <sup>rd</sup> West Bengal State Science & Technology Congress 2016	28-29 February, 2016	Presidency University Campus, 86/1, College Street, Kolkata-73	Presenter
4	International Symposium on “Eco-efficiency in Agriculture	20-23 January, 2017	FACC, BCKV, Kalyani	Presenter

	and Allied Research (EEAAR'17)			
5	AGRISKILLS FOR CONVERGENCE IN RESEARCH, INDUSTRY & LIVELIHOOD (ACRIL)	November' 28 to December' 01, 2019	FACC, BCKV, Kalyani	Presenter
6	Annual Co-Operators' Conferences	17 <sup>th</sup> -18 <sup>th</sup> October	ICAR-CRIDA	Presenter
7	6 <sup>th</sup> CWSS INTERNATIONAL CONFERENCE ON Agricultural Innovations for Sustainable Development Goals with Special Focus on Natural Farming (AISDGONF-2023)	<a href="#">30 September.-02 October 2023</a>	FACC, BCKV, Kalyani	Presenter
8	Research Co-operator's Conference	11-13 December 2023	NASC Complex, ICAR, New Delhi 110012	Presenter

## 20. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

- University Merit Scholarship during B.Sc. (Ag.) Hons. (2003-2007)
- University Merit Scholarship during M.Sc. (Ag.) (2007-2009)
- CWSS-Young Scientist Award (2020)

## 21. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

- Nil

## 22. PUBLICATIONS

### A. BOOKS

### B. BOOK CHAPTERS (Best 10)

Bhattacharyya, K., Sil, A. and Bera, S. (2022). Recent approaches for efficient management of soil fertility. In Hanuman Singh Jatav, Satish Kumar Singhvishnu D. Rajput and Tatiana Minkina (Eds.), Agriculture issues and policies: sustainable soil fertility management (pp. 173-200). Nova Science Publishers, Newyork

### C. RESEARCH PAPERS (Best 10)

Authors	Title	Publication	V	N	P	Y	Publis
			ol	u	ag	e	her
			m	m	e	a	
			b	e	s	r	
			e	r			
BERA, S; GHOSH, RK;	Soil Physico-Chemical Properties and Microflora as Influenced by Bispyribac sodium 10% SC in Transplanted Kharif Rice	Rice Science	20	4	29	2	Elsevie
BERA, S; PAL, D; GHOSH, RK;	Bio-efficacy and phytotoxicity of new molecule herbicides for weed management in soybean	Journal of Crop and Weed	8	2	11	2	Crop and Weed Science Society
Bera, Soumen; Ghosh, Rati Kanta;	Soil Microflora and Weed Management as Influenced by Atrazine 50 % WP in Sugarcane	Universal Journal of Agricultural Research	1	2	41	2	Horizo
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Bera, Soumen; Poddar, Ratneswar; Ghosh, Ratikanta;	Effect of weed management on the performance of potato and microflora population in rhizosphere	Potato Journal	4 2	1		2 0 1 5	ICAR
S. Bera, S. Das and A. Roy;	Ethnobotanical Study of Kulekhara (Hygrophila auriculata) - A Review	SATSA Mukhapatra - Annual Technical Issue	2 1		23 2- 23 4 7	2 0 1 7	SATS A
Bera, S; Ghosh, RK;	Effect of integrated weed and nutrient management in green gram-rice-onion cropping sequence on yield and nitrogen balance sheet	Journal of Crop and Weed	9	2	15 9- 16 4 3	2 0 1 3	Crop and Weed Scienc e Society
Ghosh, Parmita; Mandal, Dipankar; Bhattacharya, Avik; Nanda, Manoj Kumar; Bera, Soumen;	Assessing crop monitoring potential of Sentinel-2 in a spatio-temporal scale	The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences	4 2		22 7- 23 1 8	2 0 1	Copern icus GmbH
Mandal, Dipankar; Kumar, Vineet; Rao, YS; Bhattacharya, Avik; Bera, Soumen; Nanda, Manoj Kumar;	Combined analysis of Radarsat-2 SAR and Sentinel-2 optical data for improved monitoring of tuber initiation stage of potato	The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences	4 2		27 5- 27 9 8	2 0 1 8	Copern icus GmbH
Mandal, Dipankar; Kumar, Vineet; Bhattacharya, Avik; Rao, Yalamanchili Subrahmanyeswara; Siqueira, Paul; Bera, Soumen;	Sen4Rice: A processing chain for differentiating early and late transplanted rice using time-series Sentinel-1 SAR data with Google Earth engine	IEEE Geoscience and Remote Sensing Letters	1 5	1 2	19 47 - 1 19 8 51	2 0 1 8	IEEE
Gantait, Saikat; Mahanta, Manisha; Bera, Soumen; Verma, Sandeep Kumar;	Advances in biotechnology of Emblica officinalis Gaertn. syn. Phyllanthus emblica L.: a nutraceuticals-rich fruit tree with multifaceted ethnomedicinal uses	3 Biotech	1 1	2	62 0 2 1	2 0 2 1	Spring er

*Soumen Bera*  
05.05.2024

Signature with Date