

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: Dr. Animesh Ghosh Bag

Designation: Assistant professor

Department: Agriculture

School: School of Agriculture

Research Area: Soil Science

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: <https://scholar.google.com/citations?user=L27HGooAAAAJ&hl=en>

Orchid ID: [0000-0003-4138-9879](https://orcid.org/0000-0003-4138-9879)

Scopus ID- 57247451000

Vidwan ID- 323136

B. Publication details:

1. Conference proceedings/ Conference paper:

Sl. No.	Name of the Conference	Title of the paper	Month & Year of Publication	Author(s) Name	National/ International	doi number (if any)	ISSN/ISBN no.
	NA						

2. Publications in SCI/Scopus indexed Journals:

Sl. No	Name of the Journal (mention SCI/scopus)	Title of the paper	Month & Year of Publication	Author(s) Name (Highlight the corresponding and 1 st author in every article)	doi number	Issue No. & Volume No.	Page no.	ISSN of the journal
1.	<i>Air Quality, Atmosphere & Health</i>	Challenges, solutions and policy issues for residue burning in Indian agriculture: searching key steps	February, 2025	Thakur, S., Sinha, A., Ghosh Bag, A., Almalki, R. S., & Hossain, A.	https://doi.org/10.1007/s11869-025-01699-3	18	1225-1255	1873-9326

		to reduce environmental pollution						
2.	<i>Indian Journal of Agricultural Research</i>	Influence of Residual Integrated Nutrient Management Practices on Chickpea Yield and Nutrient Dynamics in Maize-chickpea Cropping Sequence	April, 2025	Gite, D., Patil, S. S., Gite, H. Ghosh Bag, A.	10.18805/I JARE.A- 6342.	59 (5)	731-736	0367-8245

3. Book chapter:

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)
1.	Book Farming 5.0: The Digital Revolution Of Agriculture Chapter Digital Soil Mapping: Tools, Techniques, and Applications	Department of Agriculture, Swami Vivekananda University Barrackpore	Animesh Ghosh Bag	2025	9789334192537	
2.	Book Cultivating the Future Strategies for Sustainable Agriculture Chapter Regenerative Soil Practices: Beyond Conservation Tillage	Department of Agriculture, Swami Vivekananda University Barrackpore	Animesh Ghosh Bag	2025	9789334074154	
3.	Book Frontiers in Agriculture: AI, Automation and the future of food Chapter Integration of Robotics and AI for Soil-Based Agricultural Operations	Department of Agriculture, Swami Vivekananda University Barrackpore	Animesh Ghosh Bag	2025	9789334195347	
4.	Book Nutrient Management Practices in Crops and Cropping System Chapter Biofortification of Zinc in Cereal Crops by Soil Application and Spraying	Department of Agriculture, Swami Vivekananda University Barrackpore	Animesh Ghosh Bag	2025	9789334196856	

4. Text/Reference book published from reputed national/international publishers:

Sl. No.	Title of the Text/Reference book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)
	NA					

5. Project granted:

Sl. No	Sponsoring Agency	Name of the project	Duration		Amount in Lakhs	PI/ CO-PI
			Starting Month & Year	Ending month & Year		
	NA					

6. Consultancy Project Grant:

Sl No.	Project title	Funding Agency	Duration	Completed (yes/no)	Sanctioned amount (in Rs.)	PI and CO-PI (if any)
	NA					

7. Patent/IPR granted:

Sl. No.	Name of the patent	Name of the applicant	Name of the inventor	Date of File	Date of Publication	Whether Granted (yes/no); If yes, Date of Grant	Application No.
NA							

8.