

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: PURBA GOSWAMI

Designation: Assistant Professor of Agriculture

Department: Agricultural Meteorology and Physics

School: Agriculture

Research Area: Climate change impacts on crops, crop simulation modeling, climate modelling.

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID:

Orchid ID: 0009-0000-6716-5895

Scopus ID

Vidwan ID

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.
1.	INTERNATIONAL CONFERENCE On Agriculture and Allied Sciences; The Productivity, Food Security and Ecology	Seasonal Change and Variation of Rainfall Over West Bengal During the Period Of 1901-2017	14 th August, 2018	Purba Goswami and Lalu Das	International		
2.	7 th India Biodiversity Meet 2019	Centennial scale rainfall changes along with associated low and high frequencies extreme rainfall events over 23 districts of West Bengal	21 November, 2019	Purba Goswami and Lalu Das	International Conference		

3.	National Seminar on Climate Resilient and Input Efficient Agriculture for Food and Nutritional Security	Assessing station level rainfall change and variability using different statistical measures over Mahanadi river basin of India	20 January ,2023	Dibyendu Sarkar ,Purba Goswami* and Lalu Das	National		
4.	ICRC-CORDEX 2023 International Conference on Regional Climate	Evaluation of CMIP6 GSMs performance during the Rabi and Kharif seasons over the New Alluvial zone of West Bengal	25 th September,2023	Purba Goswami and Lalu Das	International Conference		
5.	AGMET-2020: “Agro-Meteorological Interventions for Enhancing Farmers Income”	Freshwater availability scenarios over different blocks of Indian Sundarbans	22 January, 2020	Purba Goswami and Lalu Das	National		
6.	7th Regional Science & Technology Congress,2024 -25	Simulation of future rice production....in the coastal plain of West Benga.	14 th January,2025	Purba Goswami and Lalu Das	Regional		

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	International Journal of Chemical Studies	Evaluation Of DSSAT model (CERES-rice) on rice	September , 2020	Purba Goswami and Gopal Dutta	https://doi.org/10.22271/chemi.2020.v8.i5.10327	Issue 5, Vol. 8	404-409	P-ISSN: 2349-8528 E-ISSN: 2321-4902

		production: A review						
2	Journal of Agrometeorology	Evaluation of CMIP6 GCMs performance and future projection for the Boro and Kharif seasons over the new alluvial zones of West Bengal	: June - 2024	Purba Goswami, Sarathi Saha*, Lalu Das And Saon Banerjee	https://doi.org/10.54386/jam.v26i2.2485	Vol. No. 26 (2)	168 - 173	ISSN : 0972-1665 (print), 2583-2980 (online)
3	Aquatic Ecosystem Health and Management	Past and future freshwater availability scenarios and their impact on the ecosystem and fisheries of the Indian Sundarbans.	2023	Lalu Das, Sayani Bhowmik, Purba Goswami, Ratul Roy Chowdhury And Javed Akhter	https://doi.org/10.14321/aehtm.026.03.53	26(3)	53-61	ISSN: 1463-4988 print / 1539-4077 online
4	International Journal of Chemical Studies	Application of drone in agriculture: A review	October 2020	Gopal dutta and Purba Goswami	https://doi.org/10.22271/chemi.2020.v8.i5d.10529	8(5)	181-187	P-ISSN: 2349–8528 E-ISSN: 2321–4902

3. Book chapter:

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

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 1st author in every article)	Year	ISBN No.	doi no. (if applicable)

5. Project granted:

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

6. Consultancy Project Grant:

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

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.

8.