

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: AVIMANYU PALIT

Designation: Teaching Assistant

Department: Department of Agricultural Science

School: School of Agriculture, Swami Vivekananda University

Research Area: Nutrient management of crops, Cropping System, Natural Farming, Organic Farming.

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID:

Orchid ID:

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.

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	Plant Archives	Effect of Zinc on Growth, Tuber Bio-Fortification and Productivity of Potato (Solanum tuberosum L.) In	2024	Avimanyu Palit, Sanjib Kumar Das	10.51470/PLANTARCHIVES.2024.v24.no.2.124.	24(2)	885-890	09725210

		Inceptisols.						
2	Plant Archives	Effect of different weed management measures on weed population, crop yield and production economics of common bread wheat (<i>Triticum aestivum</i> L.) grown in new alluvial zone of West Bengal, India.	2025	Amrita Sarkar, Avimanyu Palit, Bikash Mandal	https://doi.org/10.51470/PLANTARCHIVES.2025.v25.supplement-1.223	25(Supplement-1)	1613-1626	09725210
3	<i>Indian Journal of Agronomy</i>	Productivity, profitability, and energy dynamics of different cropping systems on broad-bed and furrows in the Gangetic flood plain of West Bengal	2025	Manabendra Ray , Ayantika Choudhury, Saptashree Das, Avimanyu Palit, Soumitra Chatterjee, Sushanta Saha, & Swapan Kumar Mukhopadhyay	10.59797/ija.v70.spl.5569	70	97-103	0974-4460
4	<i>International Journal of Research in Agronomy</i>	Effect of integrated nutrient management on baby corn (<i>Zea mays</i> L.) in new alluvial zone of West Bengal, India in rabi season	2024	Bhattacharyya, M. , Biswas, S., Dey, S., Mohammad, Avimanyu Palit, A., Ali, M. A., & Sarkar, S.	https://doi.org/10.33545/2618060X.2024.v7.i7a.967	7(7A)	1–6	2618-060X
5	<i>International Journal of Advanced Biochemistry Research</i>	Artificial intelligence and machine learning in soil analysis innovations for sustainable agriculture: A review	2024	Kuldeep Kumar, Avimanyu Palit , Simran Sindhu, Divya D, Yogita, Rajeeb Lochan Moharana, Smriti Hansda, & Anil Kumar	https://doi.org/10.33545/26174693.2024.v8.i11k.2973	8(11 K)	869–878	2617-4707
6	<i>Journal of Survey in Fisheries Sciences</i>	Review on impact of agro-silvo-pastoral management and climate changes on mountain semi-natural grasslands in the north-western Italian Alps.	2023	Mayukh Bhattacharyya , Benurkar Biswas, Avimanyu Palit, Ghosh, S., Mohammad, A., Karmakar, A., Roy, D., Molla, P., & Sarkar, S.	https://doi.org/10.53555/sfs.v10i1.3212	10(1)		2368-7587
7	<i>International Journal of Agriculture and Food Science</i>	Harnessing digital and Omics technologies for precision fertilization of cranberries in Quebec: A pathway to sustainable agriculture.	2024	Mayukh Bhattacharyya, Avimanyu Palit , Arijit Karmakar	10.33545/2664844X.2024.v6.i2c.222	6(2)	176-177	2664-8458

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	<i>In Recent Strides in Sustainable Agriculture and Organic Farming (Vol. 1)</i>	Cornous Publications LLP	Avimanyu Palit	2025	978-81-981855-1-8	https://doi.org/10.37446/volbook112025/1-8
2	<i>Nutrient Dynamics and Soil Fertility: Advancing Sustainable Agriculture</i>	Radiant Flair Publications	Avimanyu Palit & Deshmukh, S. V.	2025	978-81-982518-1-7	
3	<i>Insights into Organic Farming: From Historical Roots to Modern Innovations</i>	Agrobios Research	Avimanyu Palit , Manabendra Ray	2025	978-81-973698-3-4	
4	<i>SMART AGRONOMY: Emerging technologies and sustainable practices</i>	The Pustakalaya Publication	Avimanyu Palit , Patel, S. L., Kumar, A., & Jain, S. K	2024	978-9391900885	

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)
1	Organic Farming: Principles, Practices and Market Potential	The Pustakalaya Publication	Mr. Abhishek Pradhan, Dr. Ningomban Bijaya Devi, Dr. Viralkumar Prabhubhai Chaudhuri, Avimanyu Palit, Dr. Gargi Goswami	2025	978-93-91900-87-8	
2	Natural Farming and Soil Regeneration	SPI Publications	Avimanyu Palit, Mayukh Bhattacharyya, Dr. Suddhasuchi Das	2025	9789349860650	

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.
1.	IOT Agriculture Monitoring Device	Dr. Wajid Hasan, Dr. Muneswar Prasad, Ravi Gautam, Narendar Pal, Sumit Kumar, Dr. Hiren K Patel, Avimanyu Palit, Manish Kapoor, Dr. Ayesha Siddiqua, Rajath H P	Dr. Wajid Hasan	27/07/2024	13/09/2024	Yes	424974-001

