

GREEN HARVEST

Agriculture e-newsletter

October - December 2025



Volume 4; Issue 4

School of Agriculture
Swami Vivekananda University
Barrackpore, WB - 700121, India
www.swamivivekanandauniversity.com

About School of Agriculture

The 2020-founded School of Agriculture strives for academic and scientific excellence. The school offers bachelor's degree programs in agriculture, agricultural engineering, and master's degree programs in agribusiness management. In accordance with the Indian Council of Agricultural Research's (ICAR) requirements, the school has created dynamic and targeted curricula to produce skilled workers for academics, agro-based industries, and extension-oriented applications.

Bridging Science and Soil: SVU's Soil Testing Initiative for Sustainable Farming

The Department of Agriculture, Swami Vivekananda University, distributed soil test



reports to farmers at Sewli, Barrackpore, providing valuable information on soil pH, nutrient status, and fertilizer recommendations for sustainable and profitable farming. Final year students actively

took part in analysis and farmer interactions under the supervision of Dr. Sudip Sengupta and Mr. Subham Dutta, RAWE Coordinators, effectively linking academic learning with rural development and strengthening university-farmer collaboration.



Educational visit to Krishi Vigyan Kendra (KVK)

The B.Sc. Agriculture students visited the Krishi Vigyan Kendra (KVK) on November 18, 2025, as a part of the RAWE (Rural Agricultural Work Experience) program. The students got an opportunity to interact with agricultural experts, learn about modern agricultural technologies, and gain experience in farmer-centric extension services during their visit. The visit helped the students improve their practical knowledge, increase their awareness about real-life agricultural issues, and encourage them to apply scientific approaches for the development of agriculture.

Training programme of planting winter-season flowering plants on campus

The B.Sc. Agriculture students actively participated in the planting of winter-season flowering plants on the university campus on November 19, 2025. This activity helped them gain practical knowledge about seasonal horticulture and nursery management. The students' active participation in this event helped them create a greener environment and enhanced their field skills.



RAWE PROGRAM AT SAI CROP SCIENCE

As part of the RAWE program, 7th-semester Agriculture students from Swami Vivekananda University visited the Sai Crop Science Factory, Barrackpore, gaining valuable hands-on industrial exposure. The visit enriched their practical understanding of agricultural sciences and inspired greater professional motivation. The department extends sincere thanks to the management and staff of Sai Crop Science for their support, guidance, and hospitality during the visit.



SPAWN SPHERE SVU

The Department of Agriculture actively strengthens its identity through innovative academic and practical initiatives. Under the guidance of Dr. Suprabuddha Kundu, students prepared high-quality mother spawn and successfully multiplied it for the current production season. This hands-on activity enhanced students' technical skills, promoted departmental self-reliance, and reflected a strong commitment to sustainable agriculture and industry-ready education.



List of Publications

Faculty members of School of Agriculture have published 3 articles in international reputed journals, 2 research articles and 1 review article under the SVU affiliation.

- ☆ Dasgupta, S., Pandit, R., Sengupta, S., Dey, A., Bhattacharyya, K., Srivastava, S., ... & Kader, S. (2026). Benchmarking soil potassium extraction methods and establishing critical thresholds for wheat production in Inceptisols. *Soil and Tillage Research*, 258, 107017. Research article
- ☆ Mukhopadhyay, R., Biswas, K., Roy, S., & De, P. (2025). Breaking down microplastics: insights into the role of actinomycetes in biotic degradation pathways. *Archives of Microbiology*, 207(12), 1-17. Review
- ☆ Mandal, J., Sengupta, S., Bhattacharyya, K., Golui, D., Hutchinson, S. M., & Wood, M. D. (2025). Predicting the permissible limit of arsenic in irrigation water for rice cultivation. *ACS ES&T Water*, 5(10), 6152-6162.

Committee & Editorial boards

President: Dr. Nandan Gupta
Vice-President: Prof. Subrata Kumar Dey
Convener: Mr. Saurabh Adhikari
Secretary: Mr. Tanmoy Mazumder
Chief advisor: Prof. (Dr.) Swapan Kumar Datta
Editor-in-Chief: Dr. Tanmoy Sarkar
Editors: Dr. Sudip Senguta, Dr. Suprabuddha Kundu, Dr. Ria Mukhopadhyay, Dr. Tanmoy Majhi, Dr. Sayani Bhowmick, Dr. Anirneeta De, Dr. Animesh Ghosh Bag, Dr. Subham Dutta, Mr. Kaushik Pramanik, Dr. Purba Goswami, Ms. Salma Sahani, Mr. Avimanyu Palit, Mr. Sk Hasibul Alam, Mr. Souptik Sarkar, Ms. Ipsita Ghosh, Dr. Rajdeep Guha Mallick, Dr. Shehanaz Alam, Mr. Tamoghno Majumder, Mr. Arka Manna, Mr. Tirthankar Tripathy.