

GREEN HARVEST

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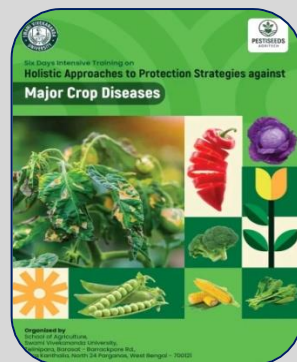
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About School of Agriculture

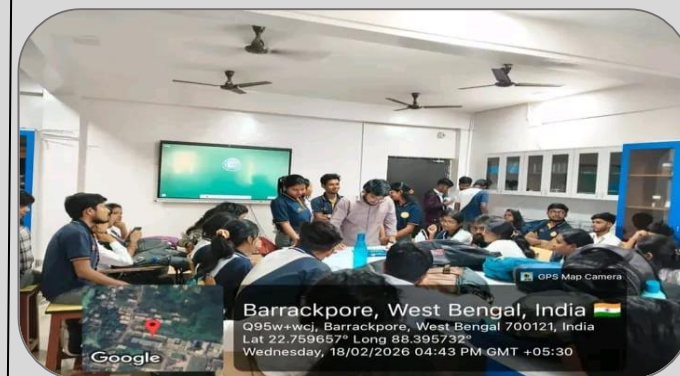
The 2020-founded School of Agriculture strives for academic and scientific excellence. The school offers bachelor's degree programs in agriculture, agricultural engineering, and master's degree programs in agribusiness management. In accordance with the Indian Council of Agricultural Research's (ICAR)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

Building Skills for Sustainable and Disease-Resilient Agriculture

The School of Agriculture at Swami Vivekananda University, Barrackpore, successfully organized a **Six-Day Intensive Training on “Holistic Approaches to Protection Strategies against Major Crop Diseases”** from 16–21 February 2026, in collaboration with PestiSeeds Agritech Pvt. Ltd. The programme brought together students, researchers, and professionals to strengthen knowledge on **integrated and sustainable disease management practices** for resilient crop production. Through expert sessions and



interactive learning, participants gained valuable



insights into modern crop protection strategies. The university extends sincere appreciation to all resource persons, participants, and organizers for contributing to the programme's success.



Students' Activity

Insect Rearing

Students of the Department of Agriculture at Swami Vivekananda University actively engaged in insect culture of lepidopteran species within the Plant Protection Laboratory.

This hands-on work supports bioefficacy testing of bioinsecticides, enhancing practical knowledge in pest management and sustainable agriculture while strengthening research skills and scientific understanding among students.



Orchid Multiplication

Students of this University are actively engaged in the multiplication of orchids in a rooftop polyhouse. This practical initiative enhances skills in floriculture, controlled environment cultivation, and plant propagation, while promoting innovative urban



agriculture practices and strengthening students' hands-on learning and research experience.

Ongoing Research Project on remote Sensing based on course curriculum for B.Tech Agril. Engg. 8th Semester

The research being carried out are enlisted below:

1. LULC change detection analysis with accuracy assessment,
2. Morphometric analysis of river basin.
3. Assessment of water shed delineation.



B.Tech 8th semester students are actively involved in research focusing on Land Use and Land Cover (LULC) change detection, incorporating accuracy assessment to track environmental and landscape transformations over time. They are also undertaking morphometric analysis of river basins to understand drainage patterns, slope, and hydrological behaviour. In addition, watershed

delineation studies are being carried out to support efficient water resource management, conservation planning, and sustainable development practices.

New Species Alert

❖ A noteworthy addition to India's coccinellid fauna has emerged through recent field surveys in West Bengal. *Amida vietnamica* Hoàng, 1982, a rarely recorded ladybird beetle of the tribe Ortaliini, was previously known from Vietnam and later China, with no confirmed records from India. Multiple specimens collected during the survey were identified based on distinct morphological traits, confirming its presence in the region.



This significant first report from West Bengal has been documented by our faculty member, Mr. Tamoghno Majumder, highlighting the importance of dedicated field-based

biodiversity exploration. The finding not only enriches regional faunal records but also underscores the role of academic mentorship in fostering research excellence.

- ❖ A significant contribution to entomological research has been made with the discovery of a new species of *Anagrus* (Hymenoptera: Mymaridae) from Eastern India. This finding, along with first regional records of the genus, has been documented by our faculty member, Ms. Ipsita Ghosh.

The discovery highlights the rich yet underexplored insect biodiversity of the region and emphasizes the importance of systematic taxonomic studies. It not only adds to the scientific understanding of parasitoid wasps but also opens avenues for further ecological and biological control research.

Such achievements reflect the spirit of inquiry and dedication among our faculty, who continue to inspire students through active involvement in research and biodiversity documentation.

Our faculties do more than teach—they actively inspire and lead meaningful research, contributing to scientific discovery and biodiversity conservation.

List of Publications

Faculty members of School of Agriculture have published 2 articles in international reputed journals under the SVU affiliation.

- ☆ Majumder, T., Kairy, S., Shekhar, S., E, S., & Roy, K. (2026). Rediscovery and ecological notes on *Amida Vietnamica* Hoang, 1982 (Coleoptera: Coccinellidae): a little-known ladybird beetle from India. *International Journal of Tropical Insect Science*, 1-10.
- ☆ Ghosh, I., Pramanik, K., Mandal, D., & Debnath, P. (2026). A New Species of *Anagrus* (Hymenoptera: Mymaridae) from Eastern India with First Regional Records. *Indian Journal of Entomology*, 342-346.

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