

GREEN HARVEST

Agriculture E-newsletter

July Edition 2026

VOLUME 5; ISSUE 7



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.

Plant Tissue Culture: The Future Begins Here

The Department of Agriculture, Swami Vivekananda University, is promoting modern agricultural innovation through its **Plant Tissue Culture Laboratory**. Using advanced in vitro propagation techniques, the laboratory produces



healthy, disease-free, and genetically uniform planting materials with high multiplication

efficiency. This technology supports sustainable crop production, conservation of valuable plant species, and climate-resilient agriculture. The initiative provides students with practical exposure to cutting-edge biotechnology while contributing to quality planting material production, bridging scientific research with farmers' needs for a more productive and sustainable agricultural future.

Greening Today for a Sustainable Tomorrow

Nature is the foundation of life, and protecting it begins with a single tree. During **Aranya Saptah 2026**, Swami Vivekananda University invites everyone to celebrate the spirit of environmental conservation by planting trees and restoring green spaces. This week-long initiative reminds us that forests are essential for clean air, climate balance,



biodiversity, and the well-being of future generations. Every sapling planted is a step toward combating climate change, conserving natural resources, and creating a healthier planet. Let us transform our commitment into action by nurturing

nature and inspiring our communities to adopt eco-friendly practices.



RAWE Programme on Plant Health Clinic: Learning Plant Protection through Hands-on Experience

The Department of Agriculture organized a practical **RAWE (Rural Agricultural Work Experience) Programme** on “**Plant Health Clinic**”, with active involvement of the faculties of **Entomology and Plant Pathology**. The programme provided students with valuable hands-on exposure to different aspects of plant health management and crop protection.

As part of the programme, students surveyed agricultural fields, observed pest and disease

symptoms, and collected pest-infested and diseased plant samples. The collected samples

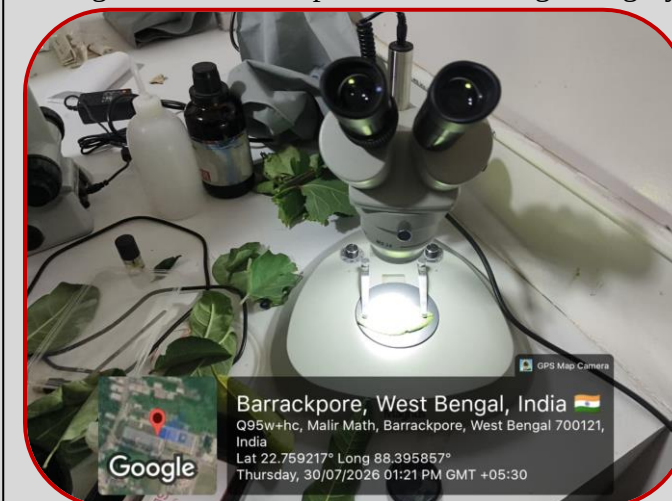


were subsequently brought to the laboratory for detailed examination. Using microscopes and other laboratory techniques, students confirmed the



presence of insect pests and pathogens and learned the basic principles of their identification and diagnosis.

The programme effectively connected classroom knowledge with real-world agricultural problems, enabling students to develop practical skills in pest and disease detection, sample collection, laboratory diagnosis, and plant health management. Such experiential learning is highly



valuable for developing professional competence, field-level problem-solving abilities, and self-confidence. The hands-on experience gained through the Plant Health Clinic will further support students in their future careers, employment opportunities, and skill development in the field of agriculture and plant protection.

From Learning to Earning: Empowering Students through Internships & Placements

- We are immensely proud to congratulate Suraj Layek, Nayan Paul, Saptarshi Sengupta, and Arpan Mahato, students of B.Sc. (Hons.)

Agriculture (Batch 2023–2027), on securing prestigious internships at Syngenta.



- Heartiest congratulations to Swarnava Choudhury (B.Sc. (H) Agriculture, Batch 2022–2026) on being selected for an internship at Syngenta.



- We are delighted to congratulate Subham Ghosh, Rojob Ali, and Md. Kaif SK, students of B.Sc. (Hons.) Agriculture, Batch 2023–2027, Swami Vivekananda University, on their selection for an internship at Bayer Crop Science.



- Heartiest congratulations to Debanjan Das, Anamitra Bera, and Soumabrata Dutta (B.Sc. (H) Agriculture, Batch 2023–2027) on being selected for an internship at International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, Telangana, India.



Article

A review article titled “**Harnessing Plant Growth Regulators and Biostimulants for Resilient and Productive Agriculture**” has been published in the prestigious Springer Nature journal Discover Sustainability (2026). The article explores how plant growth regulators and biostimulants work together to improve crop growth, nutrient uptake, and tolerance to environmental stresses such as drought and salinity. It also highlights future opportunities in precision agriculture, omics technologies, and nano-enabled delivery systems. The study provides valuable insights for developing climate-resilient, resource-efficient, and sustainable agricultural practices.

List Of Publication

Faculty member of School of Agriculture has published one research article under the SVU affiliation-

- ❖ Sarkar, T., Sengupta, S., Kundu, S., Lohar, A., Gurung, N., Sağlam, K., & Assefa, A. (2026). Harnessing plant growth regulators and biostimulants for resilient and productive agriculture. Discover Sustainability.

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, Dr. Kaushik Pramanik, Dr. Purba Goswami, Ms. Salma Sahani, Mr. Avimanyu Palit, Dr. SkHasibul Alam, Mr. Souptik Sarkar, Ms. Ipsita Ghosh, Dr. Shehanaz Alam, Mr. Arka Manna, Mr. Debanjan Baul, Mr. Debashis Mondal, Mr. Tirthankar Tripathy.

Our faculty don't just teach — they inspire, innovate, and drive meaningful change