



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.

4th International Conference on Agriculture, Life Sciences, and Food Science (ICALF-2026)

The 4th International Conference on Agriculture, Life Sciences, and Food Science (ICALF-2026), held on January 19-20, 2026, at Swami Vivekananda University (SVU), served as a premier global forum for interdisciplinary scientific dialogue. Under the patronage of Chancellor Dr. Nandan Gupta and the university's senior leadership, the event brought together a diverse cohort of experts to address the evolving

challenges in sustainability, technology, and ethics within the life sciences.

Core Themes and Keynote Insights

Rather than focusing on isolated research data, the keynote sessions established a high-level conceptual framework for the conference. The discussions centered on three primary pillars:

Innovation&Technology: Experts like Dr. Nagendra Kumar Singh and Dr. Dushyant Singh Baghel discussed the transformative power of genomics and bioinformatics, emphasizing the need for data-intensive, ethical research.

Sustainability&Ecology: Speakers including Prof. Kallol Bhattacharyya and Dr. Jajati Mandal focused on soil health, contaminant science, and ecological responsibility, advocating for systems-based thinking to protect global ecosystems.

Translational Science&Policy: Dr. Pradip Dey and others highlighted the importance of bridging the gap between laboratory innovations and real-world agricultural applications, ensuring scientific rigor leads to societal benefits.

Leadership and Organization

The conference was characterized by a robust organizational structure:

Chairs: Led by Prof. (Dr.) Nimai Chandra Saha (Conference Chair) and Prof. (Dr.) Swapan Kumar Dutta (Organizing Chair).

Vision: Conceptualized by Mr. Saurabh Adhikari (Ideator) to foster a culture of academic integrity and mentorship.

Execution: Managed by a dedicated committee including the Registrar, Convener, and Program Chairs to ensure seamless academic and administrative delivery.

ICALF– 2026 witnessed an enthusiastic response from the scientific community, with 353 research papers selected after a rigorous peer-review process. These included 116 papers in Agriculture, 87 papers in Life Sciences, and 150 papers in Food Science and Nutrition. The papers were presented across multiple parallel technical sessions over two days, fostering critical discussions, methodological refinement, and interdisciplinary engagement. Each session was chaired by distinguished

experts, thereby maintaining high standards of scholarly discourse.

Conclusion

ICALF– 2026 successfully reaffirmed SVU's role as a catalyst for scientific advancement. By integrating classical knowledge with modern environmental and technological demands, the conference provided a roadmap for future research that is both rigorous and socially relevant.

Photo Gallery



List of Publications

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

- ☆ Bhattacharyya, A., De, A., Sarkar, S., Pramanik, B., & Debnath, S. (2026). Nanoparticle-Mediated Nucleic Acid Delivery in Plant Cells: Molecular Insights and Applications. In Nano-Delivering for Plant Genetic Engineering (pp. 251-284). Singapore: Springer Nature Singapore.
- ☆ Sen, P., Kanthal, S., Hore, J., Hazra, S., Mukhopadhyay, R., Gujjar, R. S., ... & Chatterjee, A. (2025). The future of food: seaweed farming, biotechnology, and global sustainability. *Biologia Futura*, 1-25.

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