



## About the 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.

## Hands-on-training programs/Workshops

### One Week Bio-floc Fish Farming Training Program

The Department of Agriculture organized a transformative one-week training program on Biofloc Fish Farming, emphasizing sustainable and innovative aquaculture practices. Inaugurated by Honorable Vice-



Chancellor, Prof. Subrata Kumar Dey, the event underscored the importance of adopting advanced technologies like bio floc to revolutionize fish farming. With over 120 participants, including high school

students, teachers, and university students, the program provided a blend of comprehensive lectures and hands-on practical demonstrations. Renowned biofloc expert and entrepreneur Mr. Asim Kumar Basak delivered an inspiring session, sharing valuable insights into the practical applications and benefits of this cutting-edge aquaculture technology.

### Three-Day Scientific Beekeeping Training Program

The Department of Agriculture recently hosted a dynamic three-day training program on Scientific Beekeeping to promote beekeeping as a sustainable economic enterprise and emphasize the vital role of



honeybees in our ecosystem. The event witnessed the enthusiastic participation of over 200 individuals eager to delve into the world of apiculture. The program was inaugurated by the Honorable Vice Chancellor, Prof. Subrata Kumar Dey, who underscored the importance of integrating innovative technologies into agriculture, with a special focus on beekeeping. Under the expert guidance of Mr. Rakesh Das, Assistant Professor at the School of Agriculture, the training seamlessly blended in-depth lectures with hands-on practical sessions. Participants



expressed overwhelming positive feedback, citing the program as both insightful and empowering, marking a significant step forward in enhancing awareness and skills in the field of scientific beekeeping.

### RAWE visit

### Village attachment program

The students of B.Sc. Agriculture were assigned village-level field studies to enrich their practical knowledge of rural agricultural activities in connection with real world farming community. In this program, they visited nearby villages and interacted with the farmers to obtain their field



level knowledge. Various activities related to crop cultivation, livestock farming, food processing etc. adopted by local farmers were explored by the students. They gained in-depth knowledge about crop cultivation practices adopted; and problems faced including disease-pest, marketing of produced etc. of the farmers. To improvise their production potential, students collected soil samples from the farmers' field, then analyzed and recommended to the farmers. They also actively took part to awakening the farmers about the recent field technologies as well as Govt. initiatives in agriculture and allied activities.

### Research Trial

#### Dragon-fruit Production

A research trial on dragon fruit farming at Swami Vivekananda University's School of Agriculture has shown excellent results, providing new ideas for sustainable and efficient farming. The study focused on improving growing conditions like soil quality, watering



methods, and nutrient use to boost crop yield and fruit quality. Researchers used innovative techniques like vertical trellising and organic fertilizers, which greatly improved plant health and productivity. This success reflects the university's dedication to advancing farming research and helping local farmers with practical solutions for growing valuable crops.

### Social Outreach

#### Farmers' kit Distribution

As part of the RAWE program at Swami Vivekananda University, Barrackpore, *Selampur village* was visited by B.Sc. (H) in Agriculture students to assist local farmers. Kits containing hand sprayers, hybrid vegetable seeds, and fungicides were distributed to enhance agricultural practices. Gratitude was expressed by the farmers, who engaged



actively in discussions about their challenges. A strong bond was fostered between the students, faculties and the farming community, providing valuable insights for both parties.

### List of publications

Faculty members of School of Agriculture have published 44 articles of international reputed journals, ten book chapter and one edited book and also in newspaper under the SVU affiliation.

### Committee & Editorial Board

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