

Green Harvest

Agriculture Newsletter

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School of Agriculture

Swami Vivekananda University

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About School of Agriculture

The School of Agriculture, established in 2020, aims at achieving excellence in academics and research. Bachelor's degree courses in Agriculture, Agricultural engineering and Master's degree course in Agribusiness management are offered by the School. The school has designed dynamic and focused curricula as per the guidelines of Indian Council of Agricultural Research (ICAR) to develop well-trained manpower for academics, agro-based industry and extension oriented applications.

Workshops/ Conference/ Invited Talks

School of Agriculture has jointly organised two international conferences namely International Conference on Technological Innovations in Agriculture, Life Sciences and Food & Nutrition- (ICALF 2023) and International Conference on



Scientific Advances in Life Sciences, Agriculture and Food & Nutrition (ICSA 2023) on 27-28th February and 28-30th September of 2023

respectively. Both the conferences accrued a plethora of eminent scientists across the field of agriculture along with presentation of more 70 research articles. Both events served as catalysts for inspiration, fostering extensive innovations and research contributions. The overarching goal was to promote demand-driven research, development, and innovation within the agriculture sector. The conferences witnessed overwhelming responses from scholars and students alike, underscoring their importance in the academic community. The culmination of each conference featured an enriching interaction session with esteemed guest speakers, further enhancing the knowledge of the participants. The School of Agriculture's commitment to organizing such impactful international conferences underscores its dedication to advancing knowledge, fostering collaboration, and propelling the agricultural field forward. The success of ICALF 2023 and ICSA 2023 not only reflects the school's ability to convene thought leaders but also highlights its role as a hub for the exchange of ideas and the promotion of cutting-edge research in the realm of agriculture.

Hands-on-training programmes/Workshops

One Week Biofloc Fish Farming Training Programme

In a progressive step towards promoting sustainable and innovative practices in the field of aquaculture, the Department of Agriculture hosted a comprehensive one-week training program on

Biofloc Fish Farming. The training took place from 13-20th July, 2023. The centerpiece of the event is the inauguration by the Honorable Vice Chancellor, Prof. Subrata Kumar Dey Sir. In the address, the Vice Chancellor emphasized the significance of embracing innovative technologies like biofloc in aquaculture. More than 120 participants including students from local High Schools, teachers from school and inhouse university students has been participated in the training programme. The training programme



equipped with in-depth lectures about the fundamental principles of biofloc technology followed by practical demonstration. The program featured distinguished guest speaker Mr. Asim Kumar Basak, specialist on biofloc Technology, also a successful biofloc entrepreneur, who shared his expertise and real-world insights on the successful implementation of biofloc technology in aquaculture.

Three Day Scientific Beekeeping Training Programme

To promote beekeeping as economic enterprise and enlighten the importance of honey bees in our society, the Department of Agriculture hosted a comprehensive three-day training program on Scientific Beekeeping. More than 200 participants



have been participated in the training programme. The centerpiece of the event is the inauguration by the Honorable Vice Chancellor, Prof. Subrata Kumar Dey Sir. The Vice Chancellor highlighted the importance of adopting innovative technologies in agriculture, specifically mentioning apiculture (beekeeping). The training is guided by Mr. Rakesh Das, Asst. Professor, School of Agriculture. The session is presented by detailed lectures followed by hands on practical sessions. There was positive learning feedback from several participants.

Workshop on Plantation and Beautification of Campus and Nursery Raising & Management

School of Agriculture organised five-day workshop on Plantation and Beautification of Campus and Nursery Raising & Management in association with IIC, an initiative of Ministry of MHRD, Govt. of India and NSS Unit, SVU from 13-17th September, 2023. Basic perspective of the workshop is to increase the enthusiasm of gardening among the youth. As well as adopting nursery management as an alternative way of income generation. The programme started with an introductory speech by our Honorable Vice Chancellor, Prof. Subrata Kumar Dey Sir. A total of 70 students were participated in this workshop actively. As a practical exposure of this workshop, participants engaged themselves in planting of flower plants for beautification of our campus.



Van Mahotsav

The School of Agriculture organized a significant 'Van Mahotsav' event on July 28, 2023, with the aim of increasing awareness about the importance of the plant community in today's universe. The event commenced with the

Honourable Vice Chancellor, Prof. Subrata Kumar Dey Sir, and Registrar, Dr. Pinak Pani Nath Sir, inaugurating the ceremony by planting saplings within the university campus. Both dignitaries took the opportunity to enlighten the gathering, including students, about the crucial role that plants play in our lives. Their insightful addresses shed light on the environmental and ecological significance of maintaining a healthy plant community.



The students actively participated in the celebration, and as a symbolic gesture of their commitment to environmental sustainability, they distributed saplings to the faculty members of the university. This act not only emphasized the importance of individual responsibility towards the environment but also encouraged a sense of community involvement in fostering green practices. The faculty members expressed their gratitude and happiness for the thoughtful initiative undertaken by the students. The event successfully created a platform for meaningful dialogue and action on the importance of

preserving and expanding the plant community. It exemplified the collaborative effort between the academic leadership, students, and faculty members in promoting environmental consciousness within the university community.

Village attachment programme

The students of B.Sc. Agriculture were assigned village level field study to enrich their practical knowledge in rural agricultural activities in connection with real world farming community. In this programme 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; problems faced including disease-pest, marketing of produced etc. of the farmers. To improvise their production potential, students collected soil samples from the



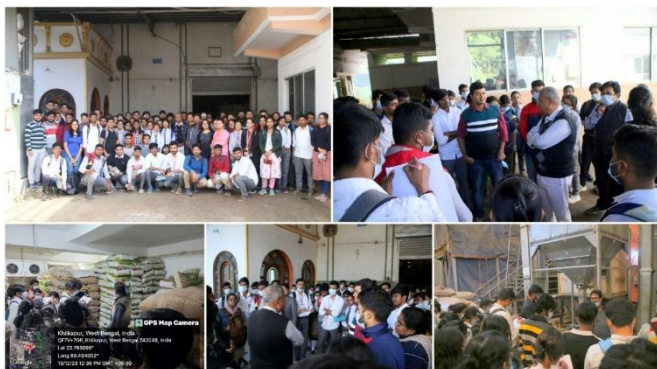
farmers' field, then analysed and recommended to the farmers. They also actively took part to

awakening the farmers about the recent field technologies as well as Govt. initiatives in agriculture and allied activities.

Agro-Industrial attachment programme

The B.Sc. Agriculture students recently embarked on an enlightening industrial visit to Debgiri Agro Products Private Limited, a pioneering agro-industrial farm specializing in seed production. Established in 1998 in Khilkapur, the private limited company's vision revolves around the proper preparation and delivery of seeds to farmers. The farm, operating under the aegis of a board of directors, boasts a workforce of 26 employees. The production process, employing semi-automatized machinery, places a significant emphasis on quality control to ensure that the seeds conform to minimum standards for the end users, the farmers. The diverse product portfolio spans of OP and hybrid seeds of vegetable, forage, jute, maize, and pulses seeds, reflecting a commitment to traditional agricultural practices. Debgiri Seeds holds essential statutory clearances, including District Industries Center and GST registration, Pollution Control Board Consent, and Shop & Establishment registration. The logistics and distribution channels involve company employees and third-party collaborations, covering 10-15 bigha in geography. The company, equipped with its own vehicles for transportation, provides services on a flexible schedule, incorporating weekly, monthly, and season-based interactions

with customers, who can make payments online or in cash. This visit provided invaluable insights into the intricacies of agro-industrial operations and the dynamic challenges faced by the seed production sector.



KVK/Institutional attachment programme

On 12th October, 2023, B.Sc. Agriculture students visited the Krishi Vigyan Kendra (KVK) to explore its structure, mandates, and ongoing field activities. Located in Matangi More, Barrackpore-Barasat Rd, Nilganj, West Bengal – 700121, the KVK demonstrated a well-organized setup with dedicated sections for administration, laboratories, classrooms, and demonstration farms. The visit highlighted the Centre's mandates, focusing on technology assessment, on-farm testing, capacity building, and advisory services. In the field, students observed crop demonstrations, soil health management practices, and integrated livestock farming systems. The KVK's emphasis on direct farmer-scientist interaction showcased a collaborative approach to agricultural development. Overall, the visit provided valuable



practical insights, reinforcing the pivotal role of KVKs in bridging the gap between research and extension activities, ultimately contributing to the sustainable development of the agricultural sector and the empowerment of local farmers.

List of publications

Faculty members of School of Agriculture have published 30 articles of international reputed journals, one review paper, eight book chapter and one edited book and also in newspaper under the SVU affiliation.

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