

Day Wise Workshop Report

“ Floriculture An Environment Friendly Best Option for Crop Diversification”

From 22 March 2025 to 23 March 2025

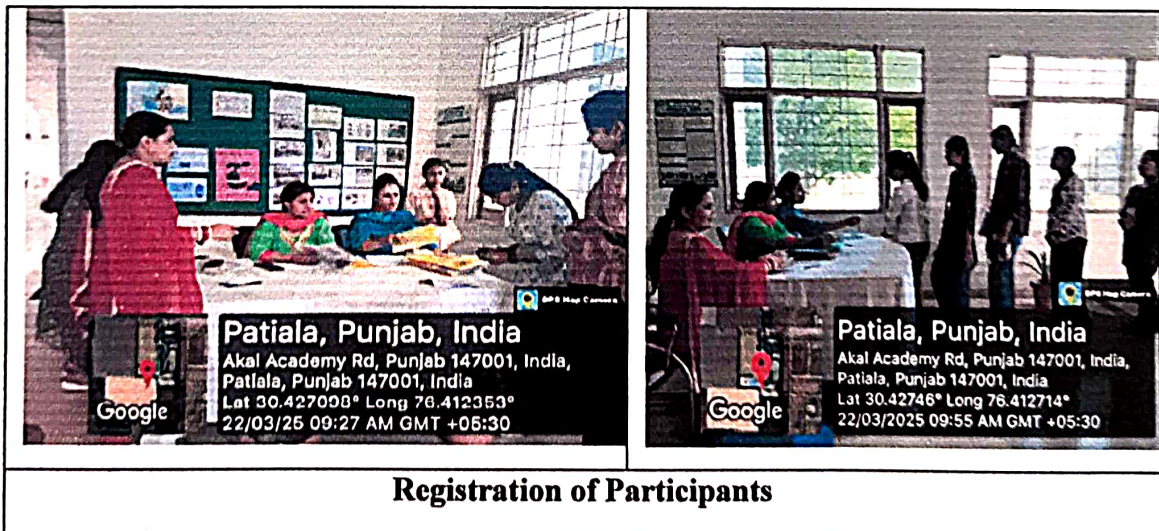
Two days workshop on "Floriculture: An Environment-Friendly Best Option for Crop Diversification" under EEP 2024-2025 was organized by Asian Educational Institute Patiala Punjab and jointly sponsored by Punjab State Council for Science and Technology (PSCST) & Ministry of Environment forest and Climate Change, Government of India (GOI) from 22-03-2025 to 23-03-2025.

The Floriculture Workshop is an initiative of Ministry of Environment Forest and Climate Change in Environment Education. Which is aimed at creating to provide the participants with knowledge and skills in floriculture practices as well as to learn about the market trends and demand for flowers? The day wise programme was as:

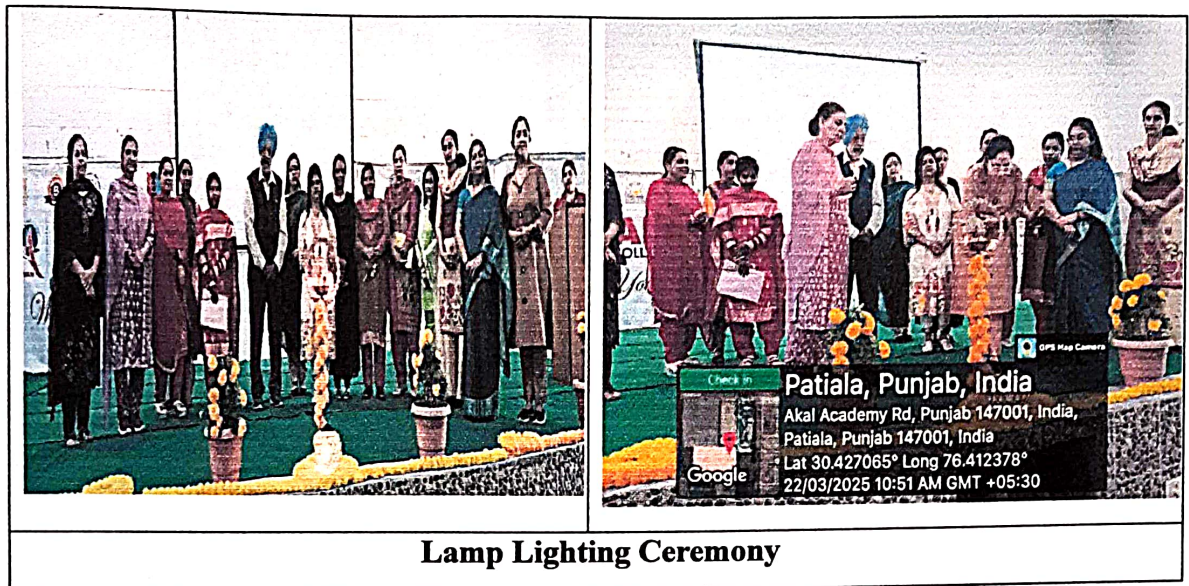
DAY-1

In this Workshop Dr. M.S. Saini, (Retired Dean & Professor Dept. of Zoology Punjabi University Patiala, PB) and Dr. Allah Rang (Retired Professor & HOD of Plant Breeding and Genetics, PAU Ludhiana Punjab) were invited as a Resource person. 100 students and 30 faculty members were participated.

On its first day, students and teachers got registered themselves and got their registration kit after that Dr. Paramjeet Kaur took the Green pledge along with participants to promote environmental conservation



The inaugural session began with the lighting of the lamp by Dr. M.S. Saini, Principal Dr. Meenu S. Sachan and faculty members. Resource person Dr. M.S. Saini was honoured with a bouquet by Principal and faculty members.



Lamp Lighting Ceremony



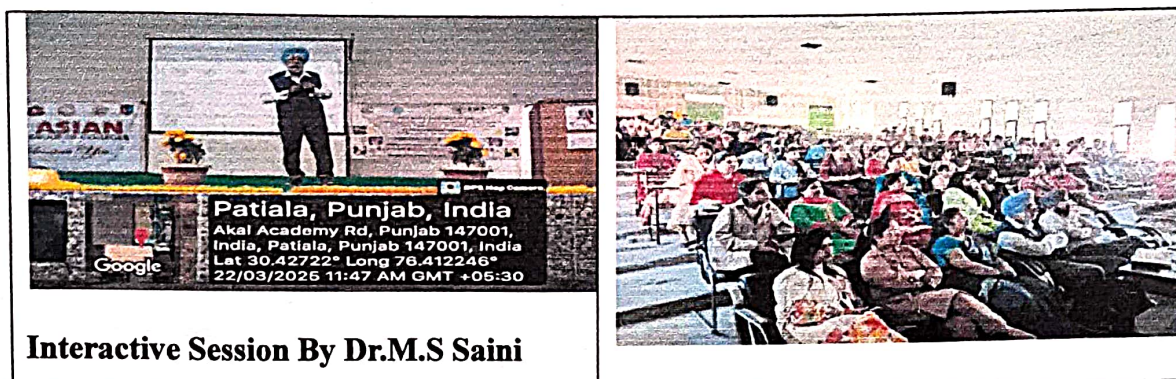
Welcome of Resource Person



Green Pledge

Organising Secretary , Dr.Sonu Pannu outlined the program's layout, providing a comprehensive overview of the workshop's objectives and schedule.

In his keynote address, Dr. M.S. Saini introduced the concept of floriculture and highlighted its benefits for the environment. He presented a vivid picture of old Punjab, highlighting the droughts that once plagued the state and the reliance on wheat imports from America. He also spoke about the establishment of Punjab Agricultural University (PAU) Ludhiana, Punjab and its role in transforming the state's agricultural landscape.



Interactive Session By Dr.M.S Saini

He described the background of Punjab's mono-crop cycle of wheat and rice, dated back from 1962-63. He highlighted the impact of high-yielding varieties of wheat introduced by PAU in 1962-63, which led to increased water consumption and chemical fertilizer use, resulting in a decline in Punjab's water level by 3 feet every year. Dr. Saini also emphasized the potential of open varieties of flowers, which can be exported to foreign countries in the form of seeds. He encouraged students to adopt floriculture as a sustainable and profitable option as crop diversification.



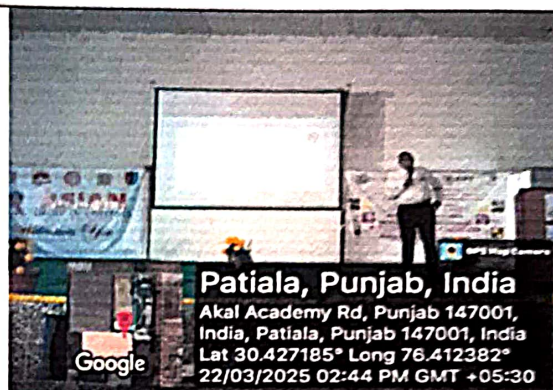
Refreshment time

After Lunch in second session renowned speaker Dr. Allah Rang was honoured with a bouquet by Managment member S. Shringer Singh ji , Dr. M.S.. Saini, Dr. Meenu Singh Sachan and organizing team.

Dr. Allah Rang shared his experiences and expertise in establishing a sustainable and eco-friendly seed plant, Biocarve, in 1993. He highlighted the plant's innovative features .



Welcome Of Resource Person Dr. Allah Rang



Interactive Session of Resource Person

Dr. Allah Rang also discussed the benefits of open-pollinated varieties of flowers, their germination process, and the production model of his plant, which is based on contract farming. He emphasized the importance of drip irrigation, training for farmers, and the export process, which includes sieving, cleaning, and germination testing.

Furthermore, Dr. Rang shared his message to the students that flower cultivation can be taken as crop diversification. In the Evening Session Tea was served to the participants.

DAY-2 (VISIT TO BIOCARVE SEEDS PLANT AT DHABLAN NABHA ROAD PATIALA)

Second day begins with a Green Pledge has been taken. The pledge aimed to promote environmental conservation and sustainability,

On its second day Field visit to *Biocarve Seeds Plant Dhablan*, Nabha Road Patiala Was Organized for Participants.



This visit provided students with a unique opportunity to gain hands-on experience in floriculture and learn from industry experts.

Dr. Allah Rang, renowned expert in floriculture, welcomed the students and introduced them to the production and process of open-pollinated seeds, hybrid seeds, storage, filtering, and packaging. He showcased over 150 types of hybrid seeds and explained the sale process, which includes seeds, seedlings, and grown-up flower.

Students were impressed by the state-of-the-art infrastructure at Bio carve Seeds, including the polyhouse, which maintains a temperature of 30-35 degrees Celsius in summer season, and the solar power generation and rainwater harvesting system.

Dr. Allah Rang also demonstrated the use of machinery for pre-cleaning, grading, and testing seeds, as well as machines for preparing beds and drip irrigation system. The students also visited the cold store, which maintains a temperature of 12 degrees Celsius, and saw various varieties of flowers, including pansies and daisies.



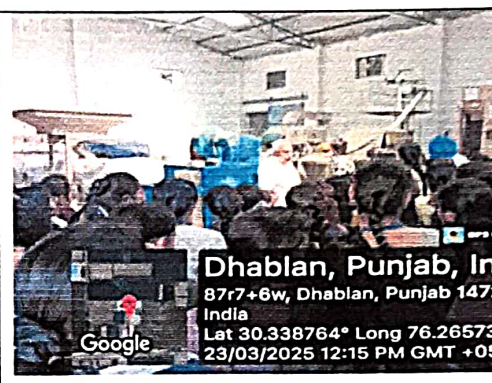
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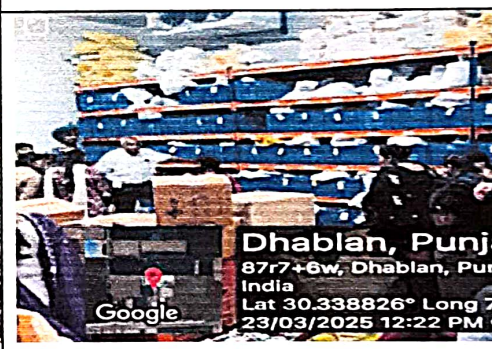
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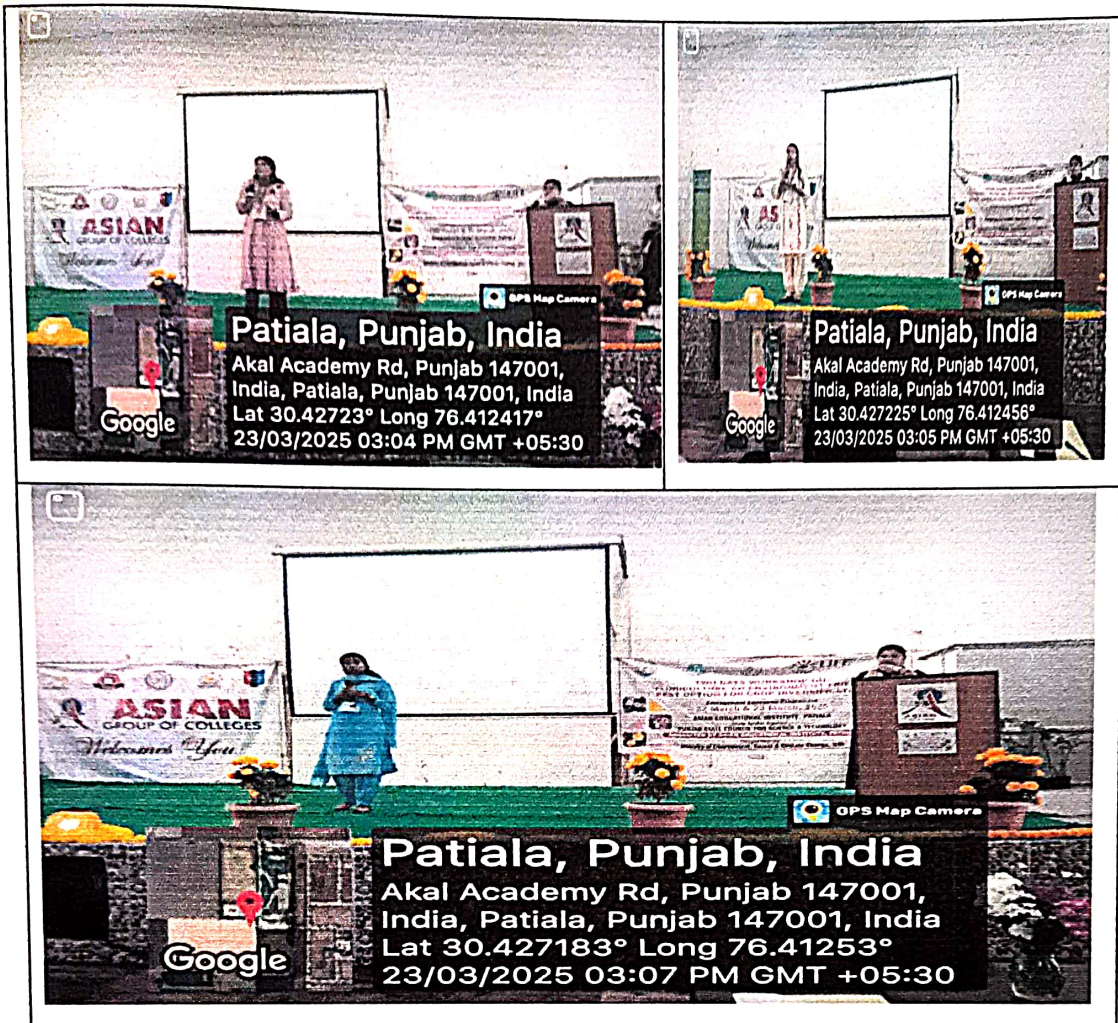
The visit provides a students with a comprehensive understanding of floriculture practices and motivated them to consider flower cultivation as a viable option for crop diversification.

During the workshop, students had the opportunity to listen to case studies and success stories at Bio carve Seeds, Dhablan, Nabha Road, Patiala. The session provided valuable insights into the practical applications of floriculture.



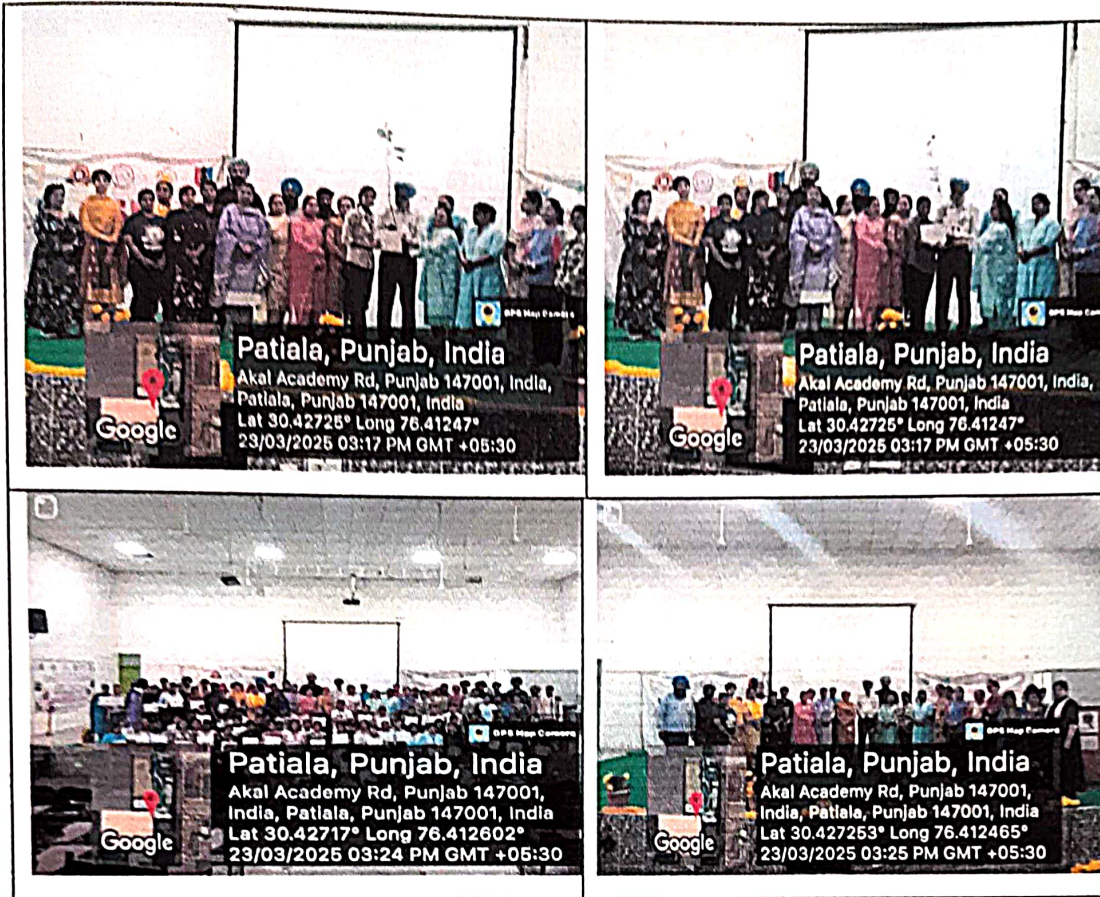
After Lunch, In the second session Participants of this workshop shared their experiences and takeaways from the two-day workshop, providing a platform for knowledge sharing and networking.

Feed Back Session



After that Certificates and Plants were distributed to all participants, acknowledging their active engagement and participation in the workshop

Certificates and Plants Distribution



Dr. Paramjeet Kaur Mangat concluded the two-day workshop on floriculture, thanking all participants, speakers, and organizers for their contributions to the event's success.

Conclusion:- This Two days Floriculture Workshop Successfully concluded provides thr participants with Hands-on-Experience in the field of Floriculture with a Comprehensive understanding of Floriculture production and practices, Market trends and Entrepreneurship opportunities


Media Coverage



Glimpses of Workshop on Floriculture




Organising Secretary


Principal
Asian Educational Institute
Patiala
(An Autonomous College)