



SGT UNIVERSITY GURUGRAM

FACULTY OF AGRICULTURAL SCIENCES (FASC)

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Report on Commercial Horticulture (Landscaping and Floriculture) Training Program

Organized by: Faculty of Agricultural Sciences

Date: 11Feb., 2023 to 31 May, 2023

Time: 09:00 AM to 4:00 PM

Venue: Agricultural Research Farm (Nursery), SGT University

Module Coordinator: Dr. Pooja Pant, Ph.D. in Horticulture, Assistant Professor

Introduction:

This report presents an evaluation of the Employability Skill Development Module on Commercial Horticulture, specifically focusing on Landscaping and Floriculture. The program was conducted by Dr. Pooja Pant, Ph.D. in Horticulture, Assistant Professor in the Faculty of Agricultural Sciences at SGT University. The primary objective of the program was to provide participants with the necessary skills and knowledge required for a successful career in the commercial horticulture industry. The program spanned a duration of 15 weeks and attracted a total of 23 students.

Program Objectives:

- a) To provide participants with a comprehensive understanding of commercial horticulture, including landscaping and floriculture practices.
- b) To develop practical skills in landscape design, installation, and maintenance.
- c) To enhance participants' knowledge of floriculture, including flower production, post-harvest management, and marketing.
- d) To foster employability skills such as communication, teamwork, problem-solving, and entrepreneurial mindset among participants.

Program Details:

The Commercial Horticulture Training Program spanned 15 weeks and encompassed a combination of theoretical sessions, practical training, hands-on experience, and field visits. The program curriculum covered the following key topics:

- a) Introduction to Commercial Horticulture: Overview of commercial horticulture, including its significance, scope, and emerging trends in landscaping and floriculture.
- b) Landscape Design: Principles of landscape design, site analysis, plant selection, installation techniques, and sustainable landscape practices.
- c) Landscape Maintenance: Techniques for landscape maintenance, including pruning, fertilization, irrigation, pest management, and seasonal plant care.

- d) Floriculture Production: Understanding the cultivation of flowers, including greenhouse management, propagation methods, nutrient management, and disease control.
- e) Post-harvest Management: Strategies for post-harvest handling, grading, packaging, and storage of cut flowers.
- f) Entrepreneurship and Business Planning: Guidance on starting and managing a commercial horticulture enterprise, financial aspects, and legal considerations.

Teaching Methodology:

- a) Practical Training: Participants gained hands-on experience in landscape design, installation, and maintenance techniques. They also received practical training in floriculture production, including greenhouse management and post-harvest handling.
- b) Field Visits: Participants were taken on field visits to commercial nurseries, landscape projects, and floriculture farms to observe and learn from successful horticultural practices.
- c) Group Activities and Discussions: Interactive sessions involving group activities, case studies, and discussions were conducted to encourage teamwork, problem-solving, and critical thinking skills.

Skill Development:

- a) Technical Skills: Participants acquired practical skills in landscape design, installation, maintenance, greenhouse management, and post-harvest management of cut flowers.
- b) Communication Skills: Through presentations and group activities, participants developed effective communication skills essential for interacting with clients, team members, and potential customers.
- c) Teamwork and Collaboration: Group activities, field visits, and practical training fostered teamwork and collaboration, simulating real-life scenarios in the horticulture industry.
- d) Entrepreneurial Skills: The program aimed to develop an entrepreneurial mindset among participants, providing them with the knowledge and tools required to start and manage their own horticulture enterprises.

Program Evaluation:

The Commercial Horticulture Training Program conducted by Dr. Pooja Pant received positive feedback from participants. The evaluation was conducted through participant surveys and feedback sessions. Key evaluation parameters included overall satisfaction, perceived skill development, program content, and the expertise of the facilitator. The majority of participants expressed high levels of satisfaction, reporting significant skill enhancement in both technical and employability domains.

Conclusion:

The Employability Skill Development Module: Commercial Horticulture Training Program conducted by Dr. Pooja Pant proved to be highly effective in equipping participants with the necessary skills and knowledge for a successful career in the commercial horticulture industry. The program's comprehensive curriculum, combined with hands-on training, practical experience, and field visits, ensured the holistic development of participants.

Glimpses of students working under module commercial horticulture



Nursery bed preparation



Nursery bed preparation



Seed sowing



Media preparation and pot filling



Labeling of Plant




Repotting

Employability skill development Module: Commercial Horticulture (Landscaping and Floriculture)

List of students enrolled in Commercial Horticulture

Sr. No.	Registration no.	Name of the students	Attendance
1.	191101004	Rishita Yadav	P
2.	191101010	Bhavay Banga	P
3.	191101011	Ravikant	P
4.	191101016	Ms. Rudrani	P
5.	191101017	Sanjeev Kaushik	P
6.	191101019	Vinika	P
7.	191101023	Deepankar	P
8.	191101024	Ansul	P
9.	191101026	Ruchi Rani	P
10.	191101030	Harshant	P
11.	191101036	Divyanshi Sarwan	P
12.	191101037	Prince Chauhan	P
13.	191101039	Vikash	P
14.	191101042	Neha Bharti	P
15.	191101062	Raman Soni	P
16.	191101065	Ritesh	P
17.	191101067	Abisha Bhatta	P
18.	191101073	Ompal	P
19.	191101076	Nikesh Kumar	P
20.	191101078	Anuj Singh	P
21.	191101082	Nikita	P
22.	191101089	Deepam	P
23.	181101040	Neha Khatri	P


Coordinator


Dean, FASC
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