

**Certificate Course
on**

**Skill Development Through Modern
Techniques of Vegetable Production
(01-10, November, 2025)**

Registration Form

1. Name of the participant:
2. Father's name.....
3. ID No. :
4. Class:
5. College
6. Category (Gen/OBC/SC/ST):.....
7. Phone No. :
8. Email:
9. Fee Details.....
10. Permanent Address:

.....
.....

Signature of Participant with date

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Dr. Sandeep Kumar
Dr. Akhilesh Kumar Pandey
Dr. Anil Shankhwar

**Skill Enhancement Course
on**

**“Skill Development Through
Modern Techniques of Vegetable
Production”**

(01-10 November, 2025)



Organized by

**Department of Vegetable Science
College of Horticulture
S.V.P. Uni. of Agri. & Technology,
Meerut (UP)-250110**

About Department

Department of Vegetable Science was started in the year 2020 under the inception of College of Horticulture, Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut.

About the program

Horticulture occupies an important position in the farming system of western Uttar Pradesh and therefore, it has a great relevance in improving the overall economy of the zone.

Modern vegetable production uses techniques like precision agriculture, controlled environment farming and soilless cultivation to increase efficiency and yield. These include using drones and sensors for data-driven decisions, vertical farms and greenhouses for optimized space and climate control, and hydroponics, aquaponics, and aeroponics for soilless growing methods.

Biotechnology, automation, and advanced irrigation are also key components. Sensors and drones include IoT sensors in the soil monitor moisture and nutrient levels, while drones provide aerial views to assess plant health and detect problems early. AI and Machine Learning incorporate Algorithms analyse data to predict crop yields and optimize planting schedules, helping to reduce waste and costs.

In light of above facts, the course on “Skill Development Through Modern Techniques of Vegetable Production”

is planned on 01-10 November, 2025.

Course Outcomes

- This course may cater the high demand research and diagnostic industry.
- The participants can utilize this knowledge to new startups.
- Practical knowledge gained by this course will help the students to perform their research work with ease and plan future prospective research.
- Recognize and troubleshoot various modern techniques of vegetable production.

Eligibility

UG/ PG / Ph.D. Student of Agriculture/Horticulture/allied subject.

Registration Fee:

800 INR