



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Agriculture
B.Sc. (Hons.) Agriculture
Generic Elective Course

Semester-I

Session 2025-26

Syllabus

AGGE100: Vegetable Production (4+0)

		TEACHING & EVALUATION SCHEME							
Course code	Course Name	THEORY			PRACTICAL		L	P	CREDITS
		End Sem University Exam	Mid Term Exam	Teachers Assessment*	End Sem University Exam	Teacher' s Assessment*			
AGGE100	Vegetable Production	60	20	20	00	00	4	0	4

1. **Legends:** L - Lecture.

2. ***Teacher Assessment** shall be based on following components: Quiz / Assignment / Project / participation in class.

3. **Course Objective:** Basic knowledge of vegetables production.

4. **Course Outcomes:**

- 1) Student will be able to understand importance of vegetable in nutrition and economy.
- 2) Student will be able to learn cultivation of vegetables.

Unit-1

Importance of vegetables in human nutrition and national economy, kitchen gardening. Brief about origin, area, climate, soil, improved varieties and cultivation practices such as time of sowing, transplanting techniques, planting distance, fertilizer requirements, irrigation, weed management, harvesting and yield, physiological disorders of vegetables of Root crops such as Carrot, Radish and Beetroot.

Unit-2

Brief about origin, area, climate, soil, improved varieties and cultivation practices such as time of sowing, transplanting techniques, planting distance, fertilizer requirements, irrigation, weed management, harvesting and yield, physiological disorders of vegetables such as Tomato, Brinjal, Chili and Capsicum.

Unit-3

Brief about origin, area, climate, soil, improved varieties and cultivation practices such as time of sowing, trans planting techniques, planting distance, fertilizer requirements, irrigation, weed management, harvesting and yield, physiological disorders of important vegetables such as Cucumber, Melons, Gourds and Pumpkin.

Unit-4

Brief about origin, area, climate, soil, improved varieties and cultivation practices such as time of sowing, transplanting techniques, planting distance, fertilizer requirements, irrigation, weed management, harvesting and yield, physiological disorders of important vegetables such as French bean and Peas; Cole crops such as Cabbage, Cauliflower and Knol-khol.

Unit-5

Brief about origin, area, climate, soil, improved varieties and cultivation practices such as time of sowing, transplanting techniques, planting distance, fertilizer requirements, irrigation, weed management, harvesting and yield, physiological disorders of vegetable: Bulb crops such as Onion and Garlic; Tuber crops such as Potato; Leafy vegetables such as Amaranth and Palak.

Suggested Reading

1. Pranab Hazra, A. Chattopadhyay, K. Karmakar and S. Dutta. 2010. *Modern Technology in Vegetable Production*. New India Publishing Agency, New Delhi
2. Shanmugavelu, K. G., N. Kumar and K. V. Peter 2005, *Production Technology of Spices and Plantation Crops*. Agrobios (India), Jodhpur.
3. Thamburaj S and Singh N. (Eds.). 2004. *Vegetables, tuber crops and spices*. ICAR.
4. Bose TK, Kabir J, Maity TK, Parthasarathy VA and Som MG. 2003. *Vegetable crops*. Vols. I-III. Naya udyog.

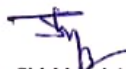


(Prof. Vinod Dhar)

Chairperson- Board of Studies,
Agriculture,
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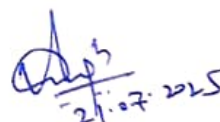


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Registrar,
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