

**Course Content**

**Module I :**

**(06 Hours)**

Fundamentals of floriculture:

Branches of floriculture, present situation and scope study of floricultural tools used in maintenance and in propagation.

**Module II :**

**(06 Hours)**

Propagation :

By runners, suckers of shoots, and other vegetative means, study of cut, flowers pot plants, seed Bulbs & essential oils.

**Module III :**

**(06 Hours)**

Soil and other media:

Manures and fertilizers, irrigation, micro irrigation, techniques, like drip, sprinkler, fogger and fumigation.

**Module IV :**

**(07 Hours)**

Methods of propagation :

Time of propagation, handling of seeds bulb, cut , flowers, nursery plants, pot plants, control of diseases, insects and weeds.

**Prescribed Text Books / Recommended Books :**

1. Floriculture in India -Guru Charan Singh and Randhawa
2. Advances in floriculture -Suresh Malhotra
3. Floriculture -APEDA

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**Scheme of Evaluation**

Q.1. Multiple Choice Question - 25 points)

Credit - 1 (25

Q.2. Practical Test

Credit - 1 ( 25 points)

Presentation / Group Discussion / Oral Test

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**Credits - 2 (50 points)**

Maharashtra Shikshan Samiti,  
**Maharashtra Mahavidyalaya, Nilanga**  
Academic Year 2023-24  
Department of Botany  
**Add On / Certificate Course Syllabus**

Duration : 30 Hrs.

Title : Fundamentals of Floriculture

Marks : 50

**Course Objectives :**

1. To know and understand, identification of the different, varieties of flowering plant.
2. To acquire knowledge of flowering plants and their flowering season.
3. To know and understand knowledge regarding different flowers and their products.
4. To provide updated knowledge of floriculture and their important aspects up to the Marketing.
5. To expose the diversity of different flowering plants among the variation within them and their products.

**Course Outcomes :**

1. The students will be able to know and understand different categories of flowering plants and their aesthetic value.
2. The students should be able to understand about local and commercial flowering plants.
3. Students should know common local, international significance of flowers and their products.
4. Students should know management, marketing of flowers and manufacturing of the product from the flowers.
5. The students should know ecological variation of the flowers and their impact as well as seasonal climate change on floriculture and their effects.

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