

## **Landscaping and Gardening- Supervisor Level-4 (IHT-307)**

**DURATION- 1 YEAR**

### **COURSE INFORMATION:**

During the one-year duration of “Floriculture & Landscaping” trade, a candidate is trained on Professional Skill, Professional Knowledge and Employability Skill. In addition to this, a candidate is entrusted to undertake project work, extracurricular activities and on-the-job training to build up confidence. The broad components covered related to the trade are categorized in two semesters each of six months duration. The semester wise course cover aegis categorized as below

#### **Module 1**

Agro-meteorology

Importance of Different Elements of Weather and Climate of Agriculture

Soil Properties, Soil Management, Formation of Soil Moisture and Its Conservation.

Role of Organic Matter in Soil and Its Recycling Water and their Management

Soil Fertility, Fertilizers, Manures and Management of Soil Fertility & Productivity

Fundamentals of Floriculture, Nursery and Seed Production

Practicing Simple and Tongue Layering, Ground Layering, Air Layering or Goo-Tee

Planting Materials and their Cultivation Practices etc.

#### **Module 2**

Commercial Varieties of the Flowering Crops

Preparation of Ground and Beds for Planting Specific Flower Crops

Layout of Plots and Gardens, Planning for Home Gardens, Landscape Gardens

Preparation and Execution of Landscape Plants Maintenance of Gardens and Lawns

Accessories and Containers for Flower Arrangements

Floral Arrangement Preparation of Floral Ornaments Bouquets etc.

Preparation of Bottle Gardens, Terrarium etc.

Protected Cultivation of Flowers

Identification and Study of Poly House, Shed Net House, Mulching

Familiarization with Species of Honey Bees and Different Types of Colony, Organization and Bee Boxes

### **TRAINING SYSTEM**

‘Floriculture & Landscaping’ trade under IHT is one of the most popular courses delivered to trainees for their skill requirement for which they will be use his practical experience in various sectors of landscape gardening. The course is of one year (02 semester) duration. It mainly consists of Domain area and Core area. The Domain area (Trade Theory & Practical) imparts professional skills and knowledge, while Core area (Employability Skills) impart requisite core skills, knowledge, and life skills. After completion, the trainee is awarded IHT Certificate which is recognized by the Ministry of Agriculture, GOI.

### **Learning Outcomes**

Read and interpret technical parameters/documents, plan and organize work processes, identify necessary materials and tools.

Perform tasks with due consideration to safety rules, accident prevention regulations and environmental protection stipulations

Apply professional skill, knowledge & employability skills while performing jobs.  
Document the technical parameters related to the task undertaken.

**Course Objectives**

After this training the Trainee can join programs in different types of job in the market. Trainee can also join as a floral designer, Floral Sales Representative, Manager (Plantation) and Manager, (Agricultural Farm)