

# **Production Technology of Greenhouse Vegetable Crops (IHT 102)**

**DURATION - 5 DAYS Introduction**

## **Importance, Scope and Advantages of Protected Cultivation**

### **Seed Sources**

Quality Seed Sources

Varietal Selection

### **Plug Nursery Production**

Types of Media Used

Method of Media Preparation

Plug Tray

Sterilization of Trays and Media

Nursery Production

### **Production Technology**

Optimum Requirement of Light, Humidity, Temperature, Day Length etc. inside a Greenhouse

Soil Management

Layout and Preparation of Planting Bed

Selection of Manures and Fertilizers

Layout of Drip Channels and Mulching

Transplanting, Irrigation and Fertigation

Training, Pruning, Trellising Techniques and other inter-cultural operations

Plant Protection

Disease and Pest Management

### **Post-harvest Management**

Maturity Indices

Techniques of Harvesting

Yield

Pre-cooling and Grading

Packaging and Transportation