

# GURUKUL EDUCATIONAL AND RESEARCH INSTITUTE

## CERTIFICATE IN ORGANIC FARMING

### Subject and Syllabus



2022-23

# Syllabus

## CERTIFICATE IN ORGANIC FARMING

**DURATION:- 6 MONTHS**

### **Organic Farming I**

#### **862 AGRONOMY –**

Organic farming- concept, characteristics, significance, organic ecosystem, scope of organic farming in India

- Principles and types of organic farming

#### **863 SOIL SCIENCE –**

- Organic farming for sustainable agriculture; Manures- compost, methods of composting - Green manuring, vermicompost and biofertilizer

#### **864 FUNDAMENTAL OF ORGANIC FARM MANAGEMENT**

- Land management in organic farming
- Water management in organic farming

#### **865 POST HARVEST MANAGEMENT**

- Processing, labeling of organic produce
- Storage and transport of organic produce

## **Organic Farming II**

### **Unit I - Agronomy**

- Choice of crops & varieties in organic farming
- Initiative by Govt/NGOs/Other organizations for promotion of organic farming

### **Unit II - Soil Science**

- Harmful effect of non-judicious chemical fertilization
- Organic farming practices for improving soil health

### **Section-B**

### **Unit III - Fundamental of organic farm management**

- Organic insect disease management
- Organic pest disease management

### **Unit IV - Post harvest management**

- Organic Quality control standards
- Certification- types, process & procedure and agencies

