



K.L.E. Society's  
**LINGARAJ COLLEGE, BELGAUM**  
(Autonomous)

**DEPARTMENT OF GEOGRAPHY**

**CERTIFICATE COURSE IN ORGANIC FARMING**

**INTRODUCTION:**

These courses are skill enhancement courses, Organic farming is production system which avoids or largely excludes the use of synthetically manufactured fertilizers, pesticides growth regulators and live stock feed additives. This system relies on the legumes, green manures, bio-fertilizes, bio-pesticides, bio-herbicide etc. It is the holistic approach of agricultural system which aims at cultivation of the land in such a way that the soil is kept healthy and dynamic with biochemical and soil microbial activities rated to bio diversity. For trade of any commodity and to survive in the competitive market, low cost with quality production is possible with wise use of nature, native and neighbor. Nature means the use of natural resources e.g. Soil, Water, Climate etc. Native neighbor means surrounding of field and farmer and the organic farming certification through a society. Self group to make it cost effective. Now USA is one of the most prospective markets for organic product, followed by Germany, France, Italy and Britain.

**II. OBJECTIVES OF COURSE**

- To Understand the importance of Organic Farming
- To develop the skills of practicing Organic Farming.
- To know the health benefits of Organic products
- To encourage the students to practice the Organic Farming

**III. Course Duration: 40 Hours.**

**IV. Eligibility and intake capacity**

1. PUC/10 + 2 pass
2. Selection of the Students is based on entrance test (descriptive exam) and oral tests.
3. Maximum 40 Students are allotted for a batch.

## **V. Mode of teaching**

- Lectures
- Audio Visual Aids
- Practical
- Assignment
- Interaction with experts.

## **VI. Medium of instruction:** English/Kannada

## **VII. Programme Structure:**

### A. Scheme of Examination

The Certificate Course consists of a total Four Units with total of 100 marks. An Examination will be held at the end of the course.

	Examination	Internal Assessment
Paper I	30 Marks	20 Marks
	<b>TOTAL</b>	<b>50 Marks</b>

- B. The candidate should secure at least 40% of marks to successfully complete the certificate course.

Certificate Course Code: 31110

## **CERTIFICATE COURSE IN ORGANIC FARMING SYLLABUS**

**Teaching Hours: 40 Hours**

**Total Marks: 100**

**Unit-I**

**10 Hrs**

- a) Introduction
- b) Meaning and Definition.
- c) Nature and Scope of Organic farming.
- d) Status of organic farming-World, India and Karnataka.
- e) Need for organic farming.

**Unit-II**

**10 Hrs**

- a) Agricultural practices in India and Karnataka.
- b) Cropping Pattern
- c) Benefits of organic farming.
- d) Organic farming, ecosystem and Bio-diversity.

**Unit-III**

**10 Hrs**

- a) Organic Farmers and their Organization.
- b) Organic farming methods (Systems)
- c) Technique of Terrace Garden and maintenance.
- d) Organic manures—
  - Green manure
  - Vermi-Compost
  - Organic Liquid manures
  - Jeeva Chaitanya compos
  - Panchagavya
  - Beejamrutha
- e) Cost of production.
- f) Techniques of zero cultivation.

**Unit-IV Field Visit**

**10 Hrs**

Visit to organic Farming— Sutagatti, Yamakanmardi, Udikeri And Manjari village.