

**ST. JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS), VISAKHAPATNAM**

VII SEMESTER

Time: 5Hrs/Week

Max.Marks:100

**ECONOMICS (HONOURS)**

**ECS-7703-(4)**

**AGRICULTURAL ECONOMICS**

**Course Objective:**

This course aims to impart knowledge and understanding on applications of economics concepts in agricultural sector, new developments in the policy paradigms related to agricultural sector, the linkage between agriculture and other sectors of the economy.

**Course Learning Outcomes:**

On successful completion of the course, the student is expected to perform the following:

**CO1:** Explain the importance of agriculture in India's economic development with discriminating focus on sub and allied sectors.

**CO2:** Discuss issues of productivity, production, crop diversification and sustainability in Indian agriculture

**CO3:** Examine the adequacy of credit and marketing infrastructure in Indian agriculture and suggest improvements

**CO4:** Justify the need for reforms in agricultural marketing and judge the recent initiatives taken

**CO5:** Evaluate the national agricultural policy and various programmes for development of agriculture in India

**Unit-1: Introduction to Agricultural Economics**

- Agricultural Economics: Meaning, Nature and Scope
- Role of Agriculture in Economic Development; Interdependence between Agriculture and Non-Agricultural Sectors
- Agricultural Sub-sectors: Crop Sector & Allied Sectors and their Growing Importance
- Farming Types; Brief Discussion on Emerging Issues of Agricultural Development in India

**Unit-2: Agricultural Production in India**

- Production Function Analysis in Agriculture & Supply Response
- Agricultural Inputs & Resource Use Efficiency in Agriculture
- Production, Productivity & Growth of Agriculture and Allied Sectors in India; Crop Diversification and Its Importance
- Prospects for Sustainable Agriculture: Organic Farming, ZBNF, Precision Farming

### **Unit-3: Agricultural Credit & Marketing in India**

- Agricultural Credit: Types, Problems
- Agricultural Credit Institutions: Role of NABARD in Agricultural Development
- Agricultural Marketing in India: Types & Problems; APMCs; Cooperative Marketing: NAFED & MARKFED Emerging Trends in Agricultural Marketing: Aggregators, e-NAM, online platforms, Super Bazar

### **Unit-4: Agrarian Reforms and New Initiatives in India**

- Land Reforms; Green Revolution I, Green Revolution II
- Rainbow Revolution: Green, White, Blue, Yellow, Golden, Silver, Brown, Pink, Grey in brief
- Marketing Reforms: APMCs, e-NAM, Rythu Bazar; Extension Services Reforms;
- Agribusiness; Cooperatives and FPOs.

### **Unit-5: Agricultural Policy and Programmes, Schemes in India**

- National Agricultural Policy; Agricultural Price Policy & MSP
- Programmes and Schemes for Agricultural Development: Public Investment (RKVY, RAFTAAR), Personal Investment DBT: PM KISAN & Rythu Bharosa in AP)
- Programmes and Schemes for Sustainable Agriculture: (PKVY), Irrigation (PMKSY),
- Programmes and Schemes for Crop Insurance: (PMFBY), Soil Health, Extension Services (ACABC, RBKs in AP)

### **REFERENCES:**

1. Sadhu A. Singh Amarjit and Jasbir Singh (2014): Fundamentals of Agricultural Economics, Himalaya Publishing House, Delhi.
2. Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi
3. Lekhi R.K & Joginder Singh: Agricultural Economics, An Indian Perspective, Kalyani Publishers, New Delhi
4. Open Source Online Materials & Videos: IGNOU, e-PG Pathasala, Economic Surveys, SWAYM, Khan Academy etc.
5. Websites: Ministry of Agriculture and Farmers Welfare, Govt. of India; Department of Agriculture, Govt. of A.P

### **Suggested Activities:**

Unit-1: A study on different aspects of agriculture and allied activities in the local mandal or district.

Unit-2: Interactive sessions with farming community on practical aspects of theory and policy

Unit-3 :AssignmentsandStudentSeminarsonemergingareasofimportancein  
agriculture

Unit-4 :Poster presentations on production and productivity trends  
in agriculture Unit-

5:WebAssignmentsonvariousrevolutionsinitiated,DebateonAgricultu  
ral price policy and scheme