

SEMESTER V (honours)

Optional-I

ECO-503(a): AGRICULTURAL ECONOMICS

Unit I: Development of agriculture

- **Role and importance of agriculture in economic development**
- **Changing nature of linkages**
- **Agricultural resources in India**
- **Land utilization and cropping pattern**
- **Irrigation in India**
- **Command and development and flood control**

Unit II: Technological changes in agriculture.

- **Traditional techniques and practices**
- **HYV seeds**
 - Fertilizers
- **Green revolution**
- **Sustainable agriculture**
- **Emerging trends in agricultural technology.**
- **Dry land farming use of bio-technology techniques**

Unit III: Agricultural marketing and finance.

- **Markets and functions**
- **Channels of distribution of commodities**
- **Regulated market and cooperatives**
- **Role of rural finance**
- **Sources of finance NABARD**

Unit IV: Agricultural Price Policy (APP).

- Nature of demand and supply of agricultural products.
- Need for state intervention
- Objectives of APP
- Instruments and Evaluation.
- Food security and public distribution in India.

Unit V: Agriculture and Allied Activities.

- Fisheries
- Horticulture
- Floriculture
- Forestry- growth
- Problems and state policies
- Agro-based industries and food processing industries.
- Development of rural infrastructure.