

# શ્રી ગોવિંદ ગુરુ યુનિવર્સિટી

## બી.કોમ. સેમેસ્ટર-૩

### FC: Natural Resources Management

#### Objectives:

To understand the different types of natural resources and their judicious use

#### Unit – I :

- **Land Resource** : Land utilization, cropping pattern, land degradation, soil salinity, soil testing.
- **Water Resources** : Water availability and potentiality, irrigation, well surface, tube wells, canal, Methods of water use: sprinkler, drip, policies for development of irrigation

#### Unit – II :

- **Fishery Resources** : inland fishery, marine fishery, production of fishery, marketing of fishery, policies for fishery development
- **Forestry** : Importance of forestry in economic development, availability of forestry resources, forestry based industries, policies for forestry development, social forestry and its progress.

#### Unit – III :

- **Farm Management** : meaning, definitions, principles, production, farm records, farm planning, farm budgeting.
- **Production factors** : laws of return, optimal factor combination, demand forecasting, determinants of demand for Agri. products, regional and international dimension of demand, supply management : determinants of supply, cost concepts, Role of CACP

#### Unit – IV :

- **Mining** : concepts, management
- **Crop Planning** : production, planning, resource planning, Labour Management, livestock management, farm waste management, Profitability analysis, role of IT in management, management techniques

#### Reference Book :

1. Agricultural Economics, Desai R.G., Himalaya
2. Leading issues in Agricultural Economics, Soni, R.N., S.Chand
3. Agricultural Problem of India, Memoria, C.B., Kitab Mahal, New Delhi.
4. Fundamental of Agricultural Economics, Sadhu & Singh, Himalaya
5. Indian Economy Misra & Puri,
6. Environmental Studies by Erach Bharucha, University Press