

EBO-1001
ANGIOSPERM TAXONOMY

Unit-I

- Aims, objectives, principals and scope of plant taxonomy.
- Origin of Angiosperms and Evolution of Angiosperms
- System of Classification
 - Cronquist's system
 - Throne's system
 - Dahlgren's system
- Biosystematics
 - Introduction
 - Origins of Polyploidy
- Computerised systematics

Unit-II

- General account of Flora of Gujarat and India.
- Relevance of taxonomy
 - Taxonomy and conservation of bioresources
 - Taxonomy and sustainable utilization of bioresources
 - Taxonomy and ecosystem research
- Angiosperms with species habit and habitat, Insectivorous plants, Epiphytes, Parasites, saprophytes, Mangroves.