

**AGR 112      INTRODUCTORY BOTANY**

**Credit hours**

**(2+1=3)**

**Theory**

Introduction and characteristics of plant; Concept of plant cells, plant tissue and plant organs; Plant habits: annuals, biennials, perennials; Seed and seed germination; Morphology and Micro-morphology of flowering plants. Binomial nomenclature and classification of plants; Introduction to plant taxonomy and plant systematic.

**Practical**

Study of flowering plants; Root, stem and leaf and their modifications. Inflorescence, flower and fruits. Internal structure of root, stem and leaf; Description of plants: Malvaceae, Fabaceae, Cucurbitaceae, Brassicaceae, Euphorbiaceae, Apiaceae, Solanaceae, Asteraceae, Poaceae and Liliaceae.