**COURSEWISE DISTRIBUTION OF SYLLABUS**

Dept. of Botany (B.Sc. Honours)

SEMESTER-III

**Core Course V : Anatomy of Angiosperms**

1. **Dr. Amal Ch. Dutta** – Unit 1: Introduction and scope of Plant Anatomy

Unit 2: Structure and Development of Plant Body

Unit 3: Apical meristems

Unit 4: Vascular Cambium and Wood

Unit 5: Adaptive and Protective Systems

2. **Mr. Biswa Bikash Gogoi** – Unit 2: Tissues (Core Course V)

**Core Course VI : Economic Botany**

3. **Mr. Rabindra B. Pegu** – Unit 1: Origin of Cultivated Plants

Unit 2: Cereals

Unit 3: Legumes

Unit 4: Sources of sugars and starches

Unit 7: Sources of oils and fats

Unit 8: Natural Rubber

Unit 11: Fibers

4. **Mr. Biswa Bikash Gogoi** – Unit 5: Spices

Unit 6: Beverages

Unit 9: Drug-yielding plants

Unit 10: Timber plants

Unit 12: Aromatics and Petrocrops

**Core Course VII : Genetics**

5. **Mr. Achyut Kr. Gogoi** – Unit 1: Mendelian genetics and its extension

Unit 2: Extrachromosomal Inheritance

Unit 3: Linkage, crossing over and chromosome mapping

Unit 4: Variation in chromosome number and structure

Unit 5: Gene mutations

Unit 6: Fine structure of gene

Unit 6: Population and Evolutionary Genetics