

# Department Of Botany Course Outcome

## F.Y.B.Sc Botany

### **Paper I: Plant Life and Utilization – I / Plant Life and Utilization – II**

- CO1- Student can identify the different location of the algae.
- CO2- Explain their habitat, cell structure, pigments, and reserve food found in them.
- CO3- Student can Understand Distinguish between the different forms of algae with example.
- CO4- Student can know the benefits and Harmful effects of Fungi.
- CO5- Understand of the morphological Diversity of Bryophytes.

### **Paper II: Plant Morphology and Anatomy / Principles of Plant Science**

- CO1- The purpose of the course is the study of the morphology and Anatomy of higher plants. In Detail description of plant cell.
- CO2- To prepare the students to accept the challenges in life sciences.
- CO3- To develop skills required in various industries, research labs and in the field of agriculture, food, human health.
- CO4- To identify various life forms of plants , design and execute experiments to basic studies of genetics, Cell Biology, Molecular Biology and Physiology.
- CO5- To prepare students for further studies, helping in their bright career in the subject.

## S.Y.B.Sc Botany

### **Paper I: TAXONOMY OF ANGIOSPERMS/ PLANT ANATOMY AND EMBRYOLOGY**

- CO1- : Students will be able to present scientific hypotheses and data both orally and in writing In the formats that are used by practicing scientists.
- CO2- To prepare the students to accept the challenges in life sciences.
- CO3- Students can understand the difference between classification Nomenclature and Identification.

CO4- To make the students knowledgeable with respect to the subject and its practicable.

CO5- Provide lab based training in writing short species descriptions and illustration.

CO6- Recognize members of the major angiosperm families by identifying their diagnostic features and economic importance.

CO7- Evaluate the medicinal importance of selected angiosperms.

## **Paper II: PLANT PHYSIOLOGY AND BIOTECHNOLOGY**

CO1- To promote understanding of basic and advanced concepts in Biotechnology.

CO2- exposes the students to various emerging areas of Biotechnology.

CO3- To prepare students for further studies, helping in their bright career in the subject.

CO4- The students are familiarized with basic aspects with subjects required to study.

CO5- The impart an insight into the various plant water relations.

CO6- Take students of higher levels of learning about the mineral nutrition in plants.

CO7- Recall the basic concepts of Biotechnology and explain fundamental cellular events during the process of plant cell culture development.

