



SEMESTER: IV

MAJOR DISCIPLINE SPECIFIC CORE COURSE:

PROGRAMME CODE: SCIUG103

SEM- IV: SC23MJDSCBOT401: ANATOMY OF ANGIOSPERMS

Programme specific Learning Outcomes:

On completion of the course, the students will be able to:

- Develop an understanding of concepts and fundamentals of plant anatomy examine the internal anatomy of plant systems and organs.
- Develop critical understanding on the evolution of concept of organization of shoot and root apex.
- Analyze the composition of different parts of plants and their relationships.
- Evaluate the adaptive and protective systems of plants.

SEM- IV: SC23MJDSCBOT401A: ECONOMIC BOTANY

Programme specific Learning Outcomes:

On completion of the course, the students will be able to:

- Understand core concepts of Economic Botany and relate with environment, populations, communities, and ecosystems.
- Develop critical understanding on the evolution of concept of organization of apex new crops/varieties, importance of germplasm diversity, issues related to access and ownership.
- Develop a basic knowledge of taxonomic diversity and important families of useful plants.
- Increase the awareness and appreciation of plants & plant products encountered in everyday life.
- Appreciate the diversity of plants and the plant products in human use.



MINOR DISCIPLINE SPECIFIC CORE COURSE:

PROGRAMME CODE: SCIUG103

SEM- IV: SC23MiDSCBOT402: APPLIED BOTANY

Programme specific Learning Outcomes:

On completion of the course, the students will be able to:

- Understand core concepts of Economic Botany and ecosystems.
- Increase the awareness and appreciation of plants & plant products encountered in everyday life
- Appreciate the diversity of plants and the plant products in human use.

SKILL ENHANCEMENT COURSE:


PROGRAMME CODE: SCIUG103

SEM- IV: SC23SECBOT406: PLANT BREEDING

Programme specific Learning Outcomes:

On completion of the course, the students will be able to:

- Understand the concept of different natural resources and their utilization.
- Critically analyze the sustainable utilization land, water, forest and energy resources.
- Evaluate the management strategies of different natural resources.
- Reflect upon the different national and international efforts in resource management and their conservation.


I/c. Principal
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