

Maharaja Suhel Dev University,
Azamgarh

SYLLABUS

Class: U.G. Year 1st, Semester 2nd

Course: Botany (Minor)

Course Title: Introduction to Archegoniates and Flowering Plants

Unit I

- Introduction to Archegoniates.
- Definition and characteristics of Archegoniates (Bryophyta, Pteridophyta, Gymnospermae).
- General accounts of Bryophyta (structure, reproduction, and life cycle).

Unit II

- General account of Pteridophyta (structure, reproduction, and life cycle)
- Heterospory and stelar variation among Pteridophytes.
- General characteristics of Gymnosperms.
- Reproduction, life cycle and economic importance of Gymnosperms.

Unit III

- Definition and characteristics of Angiosperms.
- Morphology of root, stem & leaves and their modifications.
- General account of inflorescence, flower, and fruit types.

Unit IV

- General characteristics and types of meristem
- Anatomy of root, stem and leaf
- Structure of microsporangium and microspores
- Structure of megasporangium and megaspores



(ABDULLAH)
Convener Botany