

**B.Sc- BOTANY SYLLABUS UNDER CBCS  
CORE PAPER..II SEMESTER-II  
Bryophyta, Pteridophyta, Gymnosperms &Palaeobotany**

**BLOCK-I BRYOPHYTA**

Unit-1: General account and classification of Bryophyta

Unit-2: Life history of *Marchantia*, *Anthoceros* and *Funaria*.

Unit-3: Evolution of sporophyte in Bryophytes.

**BLOCK-II PTERIDOPHYTA**

Unit-4: General account and classification of Pteridophyta

Unit-5: Life history of *Rhynia*, *Lycopodium*, *Equisetum* and *Marsilea*.

Unit-6: Stellar Evolution and Heterospory and seed habit in pteridophytes.

**BLOCK-III GYMNOSPERMS**

Unit-7: General account and classification of Gymnosperms

Unit-8: *Pinus*

Unit-9: *Gnetum*

**BLOCK-IV PALAEOBOTANY**

Unit-10: Palaeobotany: Fossils.

Unit-11: *Lyginopteris*

Unit-12: *Williamsonia*

**B.Sc PRACTICAL-II**

**BRYOPHYTES, PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY**

**BLOCK I: BRYOPHYTA AND PTERIDOPHYTA**

Unit-1: *Marchantia*, *Anthoceros*

Unit-2: *Funaria*

Unit-3: *Lycopodium*, *Equisetum*

Unit-4: *Marsilea*.

**BLOCK II: GYMNOSPERMS AND PALEOBOTANY**

Unit-5: *Pinus*

Unit-6: *Gnetum*

Unit-7: *Lyginopteris*

Unit-8: *Ptilophylam*