# UNIVERSITY OF PUNE

#### F. Y. B. Sc. Botany Syllabus

#### Botany Paper - I (Plant Diversity)

#### First Term: Plant Diversity Part - I (36 Lectures)

#### 1. Introduction to plant diversity: (4L)

Plant diversity – concept, Plant kingdom- Cryptogams and Phanerogams, diversity in plant kingdom – habit, habitat, duration of life, Position of plants in five kingdom system.

#### 2. Algal diversity: (10L)

Occurrence, habitat, thallus, cell structure, pigment and food reserve material, reproduction

Life cycle patterns in Ulothrix and Ulva

#### 3. Fungal diversity: (10L)

Occurrence, cell structure (Myxomycetes – Stemonites and Eumycetes – Aspergillus), thallus, nutrition and reproduction

Life cycle patterns in Cystopus and Agaricus

#### 4. Lichen diversity: (3L)

Thallus, reproduction and association

#### 5. Bryophyte diversity: (9L)

Occurrence, thallus, reproduction and sporophyte diversity Life cycle pattern in Bryophytes

#### Second Term : Plant Diversity Part - II ( 36 Lectures )

#### 1. Pteridophyte diversity: (SL)

Sporophyte, gametophyte and reproduction Life cycle pattern in Pteridophytes Diversity in stelar type

# **Fybsc Botany Syllabus Pune University**

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**Fybsc Botany Syllabus Pune University:** 

#### Reviewing Fybsc Botany Syllabus Pune University: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Fybsc Botany Syllabus Pune University**," an enthralling opus penned by a very acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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