



BRIDGE COURSE (2023-2026 Batch) SYLLABUS

OBJECTIVES OF THE COURSE

- To foster students an interest in communication as well as writing skills.
- To give a foundation course in Botany to strengthen the basic and fundamental knowledge of Botany.
- To familiarize the students with laboratory manuals and practices so as to ensure the safe exploration of laboratory chemicals and equipments.

| Sl. No. | Modules | Objectives | Hours |
|----------------|----------------|------------------------|--------------|
| 1. | Module 1 | Vocabulary | 3 hrs |
| 2. | Module 2 | Introduction to Botany | 2 hrs |
| 3. | Module 3 | Practical Botany | 3 hrs |
| 4. | Module 4 | Carrier Orientation | 2 hrs |

Module 1 (3 hrs)

Word Building, Kinds of Sentences, Parts of Speech, Sentence Pattern, Tenses, Active and Passive Voice, Reported Speech, Degrees of Comparison, Question Tag.

Module 2 (2 hrs)

Major Botanists- with special reference to India and Kerala, Major Botanical Institutes in India, Branches of Botany, Scope and Significance of Botany.

Module 3 (3 hrs)

Introduction to Laboratory practices, Parts and uses of microscope, Sectioning and staining techniques, Biosafety protocols.

Module 4 (2 hrs)

Major higher education centers in India- UGC-CSIR institutes, Universities, Boards, etc. Carrier opportunities-R & D centers, Education Institutions, Private agencies.