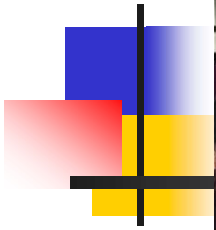


**Academic year 2020-21**



**Welcome to Department of Botany**



# Generic Electives offered by Department of Botany

B.Sc. = Core course + Electives

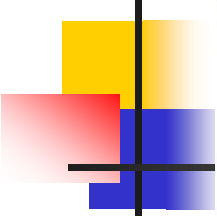
```
graph LR; A[B.Sc. = Core course + Electives] --> B[Discipline Specific Elective]; A --> C[Generic Elective]
```

Generic Elective are the elective courses chosen generally from unrelated discipline/subject with intention to seek exposure.

- 1<sup>st</sup> semester: Biodiversity (4 credits Theory + 2 credits Practicals = 6 credits)  
Time Table: 4 Theory and 4 Practical classes
- 2<sup>nd</sup> semester: Plant Ecology and Taxonomy (4 credits Theory + 2 credits Practicals = 6 credits)  
Time Table: 4 Theory and 4 Practical classes

Course wise assigned credits:

gene



| SEMESTER | COURSE OPTED                                    | COURSE: NAME   | Credits |
|----------|---|--|---------|
| I        | Ability Enhancement<br>Compulsory Course-I      | English /MIL<br>Communications/<br>Environmental<br>Science  | 2       |
|          | Core Course-I                                   | Microbiology and Phycology   | 4       |
|          | Core Course-I<br><b>Practical</b>               | Microbiology and Phycology- Practical  | 2       |
|          | Core Course-II                                  | Biomolecules and Cell<br>Biology   | 4       |
|          | Core Course-II<br><b>Practical</b>              | Biomolecules and Cell Biology-Practical  | 2       |
|          | Generic Elective-I                              | GE-I (Any one)<br>1. Biodiversity (Microbes, Algae, Fungi and<br>Archegoniates)<br>2. Plant Anatomy and Embryology | 4       |
|          | Generic Elective-I<br><b>Practical/Tutorial</b> | GE-I- Practical  | 2       |
| II       | Ability Enhancement<br>Compulsory Course-II     | English /MIL<br>Communications/Environmental Science   | 2       |
|          | Core Course-III                                 | Mycology and Phytopathology  | 4       |
|          | Core Course-III<br><b>Practical</b>             | Mycology and Phytopathology- Practical   | 2       |
|          | Core Course-IV                                  | Archegoniatae  | 4       |
|          | Core Course-IV<br>Practical                     | Archegoniatae- Practical   | 2       |
|          | Generic Elective-II                             | GE-II<br>3. Plant Ecology and Taxonomy   | 4       |
|          | Generic Elective-II<br><b>Practical</b>         | GE-II – Practical  | 2       |

# Internal Assessment for Generic Electives

## Internal assessment

```
graph TD; IA[Internal assessment] --> Theory["Theory (25 marks)"]; IA --> Practical["Practicals (25 marks)"]; Theory --- TheoryList["Assignment = 10 marks<br/>Test = 10 marks<br/>Attendance = 5 marks"]; Practical --- PracticalList["Practical Records = 10 marks<br/>Test = 10 marks<br/>Attendance = 5 marks"];
```

### Theory (25 marks)

Assignment = 10 marks

Test = 10 marks

Attendance = 5 marks

### Practicals (25 marks)

Practical Records = 10 marks

Test = 10 marks

Attendance = 5 marks

# 1<sup>st</sup> semester: Biodiversity

## Mode of Teaching

```
graph TD; A[Mode of Teaching] --> B[Google Classroom]; A --> C[Google Meet];
```

### Google Classroom

- ✓ Subject content are uploaded
- ✓ Assignments are uploaded
- ✓ Quiz is uploaded
- ✓ Students too are examined on this platform.

### Google Meet

Delivery of Lectures (Link will be shared on **class email id** as well as class **WhatsApp group**)

# 1<sup>st</sup> semester: Biodiversity

**Biodiversity** refers to the variety and variability of life on earth.

- **What do we do?** Training in the area of plant biology through teaching, interaction and practical classes.
- **Why do you study biodiversity?**
  - ✓ Diverse forms of life are relevant to humans wrt food, shelter, clothing, energy, health, aesthetic beauty, environment and even economy.
  - ✓ Instrumental in creating awareness on **threats to Biodiversity** and sensitize towards **Biodiversity conservation** for sustainable development
- **What all do you study?**
  - ✓ Microbes (Viruses and Bacteria)
  - ✓ Fungi
  - ✓ Plant groups (Algae, Bryophytes, Pteridophytes, Gymnosperms)

# 1<sup>st</sup> semester: Biodiversity

- **What you will get?**

- ✓ Disciplinary knowledge
- ✓ Scientific reasoning
- ✓ Critical Thinking
- ✓ Problem solving
- ✓ Analytical reasoning
- ✓ Digital Literacy
- ✓ Cooperation/Team work
- ✓ Lifelong learning.....and so on.....

*Thank You*

