

Year 2018-2019
Class-F.Y.B.Sc. Semester-I and II
Subject Name: Fundamentals of Botany plant diversity
Prof-Autade A.R

Topic:-

Sem-I	Sem-II(Morphology & Anatomy)
1. Introduction	1. Morphology
2. Algae	2. Morphology of veg. Parts
3. Fungi	3. Morphology of reproductive parts
4. Lichen	4. Anatomy
5. Bryophyte	5. Types of tissue
6. Pteridophyte	6. Internal organisation of primary plant body.
7. Gymnosperm	
8. Angiosperm	

Aim and Objective

1. To provide through knowledge about various plant group from primitive to highly evolved.
2. To make the students aware of application of different plants in various industries
3. To highlight the potential of these. Studies to become an entrepreneur.
4. To equip the students with skills related to laboratory as well as field base studies.
5. To make the student aware about conservation & sustainable use of plants.
6. To create foundation for further studies in botany.
7. To address the socio-economical challenges related to plant sciences.
8. To facilitate students for taking up & shaping a successful carrier in botany.

Outcomes-

At F.Y.B.Sc. the topics related to the fundamentals of botany including exposure to diversity in plant groups & industries related to plant sciences are covered.

The practical course is aimed to equip the students with skills required for plant identification, description, classification & also application of these plants in various industries.

msk

Principal
B.D.Kale Mahavidyalaya
Ghodegaon, Dist. Pune



Year 2018-2019

Class-F.Y.B.Sc. Semester-I and II

Subject Name : Industrial Botany

course code: BO 112

Prof-Mhasne D.A

Topic

Sem I	Sem II
1. Introduction	1.Flower arrangement
2. Nursery management	2.Biocontrol
3. Horticultural practices	3.Phytoremediation
4. Greenhouse technology	4.Bioprospecting
5. Harvest technology	5.Forest as potential source
6.Weed management	6.Plant resources used in cosmetics aromatics and pharmaceuticals

Aim and Objective

- To make the students aware of applications of different plants in various industries
- To equip the students with skills related to laboratory as well as field based studies
- To make the students aware about conservation and sustainable use of plants
- To create foundation for further studies in Botany
- To address the socio-economical challenges related to plant sciences

Outcomes

1. Students understood Basic knowledge about plants.
 2. Students developed the industrial approach.
- Students understood the plant and their proceed products.

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Year 2018-2019
Class-F.Y.B.Sc. Semester-I and II
Subject Name: plant diversity
Prof-Autade A.R

Topic:-

Sem-I(Part-I)	Sem-II(Part-II)
1. Introduction of plant diversity	1. Pteridophyte diversity
2. Algal diversity	2. Gymnosperm diversity
3. Fungal diversity	3. Gymnosperm diversity
4. Lichen diversity	4. Conservation of plant diversity
5. Bryophyte diversity	

Aim and Objective

6. To provide through knowledge about various plant group from primitive to highly evolved.
7. To make the students aware of application of different plants in various industries
8. To highlight the potential of these. Studies to become an entrepreneur.
9. To equip the students with skills related to laboratory as well as field base studies.
- 10.To make the student aware about conservation & sustainable use of plants.
- 11.To create foundation for further studies in botany.
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