


Teaching Plan

F. Y. B. Sc. - Botany: 2019- 20

Plant life and utilization I (BO 121)
(Semester – II; Paper – I)

Sr. No.	Month	Topics
1	December	<p>INTRODUCTION: Introduction to plant diversity- Pteridophytes, Gymnosperms and Angiosperms with reference to vascular plants.</p> <p>PTERIDOPHYTES: General characters, Outline classification according to Sporne (1976) up to classes with reasons. Life cycle of <i>Nephrolepis</i> w.r.t. Habit, habitat, distribution, morphology, anatomy of stem and leaf, Reproduction – vegetative and sexual.</p> <p>Revision And Tutorial Assignment Submission</p>
2	January	<p>Utilization and economic importance of Pteridophytes.</p> <p>GYMNOSPERMS: General characters, Outline classification according to Sporne (1977) up to classes with reasons. Life cycle of <i>Cycas</i> w.r.t. Habit, Habitat, Distribution, Morphology and Anatomy of Stem, leaf and reproductive organs- Male cone, Microsporophyll, microspores and megasporophyll, megaspore; structure of seed; Utilization and economic importance of gymnosperms.</p> <p>Revision And Tutorial Assignment Submission</p>
3	February	<p>ANGIOSPERMS: General characters, Outline of classification of Bentham and Hooker's system up to series, comparative account of monocotyledons and dicotyledons.</p>
4	March	<p>Utilization and economic importance of Angiosperms: In food, fodder, fibers, horticulture and medicines.</p> <p>Revision And Tutorial Assignment Submission Model Examination</p>


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