

Arts, Science and Commerce College, Indapur, Dist. Pune
TEACHING AND EVALUATION PLAN

Name of the teacher: Dr. Kishnorkar P. S.	Year: 2021-2022
Semester: I	
Subject: Botany	Paper: PLANT LIFE AND UTILIZATION I
	Class: F. Y. B. Sc.

Part I : Teaching Plan						Part II : Evaluation of Plan		
1	2	3	4	5	6	7	8	9
Sr. No.	Month	Week	No. of working days	No. of periods available	Topics to be taught	No. of periods engaged	Topics taught	Deviation in periods
1	July 2021	2	3	3	General outline of plant kingdom	3	General outline of plant kingdom	Nil
	July 2021	4	3	3	ALGAE - Introduction, General Characters, Classification (Bold and Wynne 1978)	3	ALGAE - Introduction, General Characters, Classification (Bold and Wynne 1978)	Nil
2	August 2021	1 & 2	11	6	Life Cycle of <i>Spirogyra</i> - Habitat, Habitat, Structure of thallus, structure of typical cell, Reproduction- Vegetative, Asexual, Sexual Life Cycle & Systematic position, Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals, Food and Fodder	6	Life Cycle of <i>Spirogyra</i> - Habitat, Habitat, Structure of thallus, structure of typical cell, Reproduction- Vegetative, Asexual, Sexual Life Cycle & Systematic position, Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals, Food and Fodder	01

3	Sept 2021	1 & 2	12	6	LICHENS- Introduction & General Characters, Nature of Association, forms- Crustose, Foliose and Fruticose. Utilization of lichens. FUNGI - Introduction, General Characters, Classification (Ainsworth, 1973)	6	LICHENS- Introduction & General Characters, Nature of Association, forms- Crustose, Foliose and Fruticose. Utilization of lichens. FUNGI - Introduction, General Characters, Classification (Ainsworth, 1973)	Nil
4	Sept 2021	3 & 4	12	6	Life Cycle of Mushroom- <i>Agaricus bisporus</i> - Habit, Habitat, Structure of thallus, Structure of Sporecarp, Structure of Gill, Reproduction- Asexual	6	Life Cycle of Mushroom- <i>Agaricus bisporus</i> - Habit, Habitat, Structure of thallus, Structure of Sporecarp, Structure of Gill, Reproduction- Asexual	Nil
5	Oct 2021	1 & 2	12	6	Reproduction sexual, Life Cycle & Systematic position. Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals	6	Reproduction sexual, Life Cycle & Systematic position. Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals	Nil
6	Oct 2021	3 & 4			BRYOPHYTES- Introduction, General Characters & Classification (G.M. Smith 1955) Life Cycle of <i>Riccia</i> - Habit, habitat, external and internal structure of thallus Reproduction, Fertilization, structure of mature sporophyte, structure of spore, systematic position, Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine		BRYOPHYTES- Introduction, General Characters & Classification (G.M. Smith 1955) Life Cycle of <i>Riccia</i> - Habit, habitat, external and internal structure of thallus Reproduction, Fertilization, structure of mature sporophyte, structure of spore, systematic position, Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine	Nil

Name of the teacher:	Dr. Kahoorkar P. S.	Year:	2021-2022
Semester:	II		
Subject:	Botany	Paper:	PLANT LIFE AND UTILIZATION II
		Class:	F. Y. B. Sc.

Part I : Teaching Plan						Part II : Evaluation of Plan			
1	2	3	4	5	6	7	8	9	10
Sr. No.	Month	Week	No. of working days	No. of periods available	Topics to be taught	No. of periods engaged	Topics taught	Deviation in periods	Remarks
1	Nov 2020	1 & 2	9	6	INTRODUCTION Introduction to plant diversity- Pteridophytes Gymnosperms Angiosperms with reference to vascular plants Introduction & General characters Outline classification according to Sporne (1976) up to classes with reasons. Life cycle of <i>Nepenthes</i> - Habit, habitus, distribution, morphology Anatomy of stem Anatomy of leaf Reproduction - vegetative Reproduction asexual Reproduction sexual Fertilization	6	INTRODUCTION Introduction to plant diversity- Pteridophytes Gymnosperms Angiosperms with reference to vascular plants Introduction & General characters Outline classification according to Sporne (1976) up to classes with reasons. Life cycle of <i>Nepenthes</i> - Habit, habitus, distribution, morphology Anatomy of stem Anatomy of leaf Reproduction - vegetative Reproduction asexual Reproduction sexual Fertilization	Nil	-
2	Dec 2020	1 & 2	12	6	Alteration of generation & Life Cycle of <i>Nepenthes</i> Utilization and economic importance of Pteridophytes	6	Alteration of generation & Life Cycle of <i>Nepenthes</i> Utilization and economic importance of Pteridophytes	Nil	-

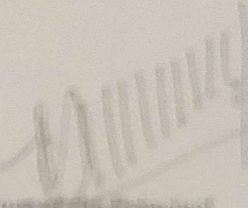
					Introduction & General Characters Outline classification according to Sporne (1977) up to classes with reasons. Life cycle of <i>Cycas</i> - Habit, Habitat, Distribution, Morphology			
3	Dec 2020	3 & 4	11	6	Anatomy of Stem, Anatomy of leaf Reproductive organs- Male cone, Microsporophyll, microspores Megasporophyll, megaspore & structure of seed Utilization and economic importance of gymnosperms.	6		
4	January 2021	1 & 2	11	6	ANGIOSPERMS Introduction & General characters Outline of classification of Bentham and Hooker's system up to series class- Dicotyledons Outline of classification of Bentham and Hooker's system up to series class- Monocotyledons Comparative account of monocotyledons and dicotyledons.	6		
					Introduction & General Characters Outline classification according to Sporne (1977) up to classes with reasons. Life cycle of <i>Cycas</i> - Habit, Habitat, Distribution, Morphology			
					Anatomy of Stem, Anatomy of leaf Reproductive organs- Male cone, Microsporophyll, microspores Megasporophyll, megaspore & structure of seed Utilization and economic importance of gymnosperms.			
					ANGIOSPERMS Introduction & General characters Outline of classification of Bentham and Hooker's system up to series class- Dicotyledons Outline of classification of Bentham and Hooker's system up to series class- Monocotyledons Comparative account of monocotyledons and dicotyledons.			

5	January 2021	3 & 4	12	6	Utilization and economic importance of Angiosperms Introduction & Angiosperms as food, fodder Angiosperms as fibers, horticulture Angiosperms as medicines	6	Utilization and economic importance of Angiosperms Introduction & Angiosperms as food, fodder Angiosperms as fibers, horticulture Angiosperms as medicines	NH	-
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Signature of Teacher


Signature of Head of Department
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Signature of Science Faculty
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