

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI
COURSE PLAN June - November 2024

Department : Botany
Name/s of the Faculty : Ms. Anisa Ashraf
Course Title : General Botany – I - Practical
Course Code : 23BT/AC/P111
Shift : I

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Recollect and summarize the general characteristics of Algae and Fungi; Identify plant disease; observe salient features of plants belonging to different families	K1
CO2	Examine the Taxonomic characters of Angiosperms; Illustrate the vegetative and reproductive structures of Algae and fungi; Distinguish the plant disease based on symptoms.	K2
CO3	Dissect the floral parts of the given Angiospermic plants; compare and analyse the structure of Algae and Fungi.	K3
CO4	Summarize the characters of Algae and Fungi; compare the salient features of Angiospermic families	K4
CO5	Develop the skill of observation by visualising morphological, anatomical structures of Algae and Fungi; Construct floral diagram and floral formula for the families; apply the concept of sustainability in agriculture	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 24 – 26, 2024 (Day Order 4 - 6)							
Jun 27 – July 4, 2024 (Day Order 1 - 6)	1	Identification, Observation and Sketching of the following Algal forms - 1. Nostoc	K1 – K4	2	1-4	Observation of microscopic slides, sketching of diagrams and identification with presentation of slides	
July 5 – 12, 2024 (Day Order 1 - 6)	1	Identification, Observation and Sketching of the following Algal forms - 2. Chara	K1 – K4	2	1-4	Observation of microscopic slides, sketching of diagrams and identification of Algae type with presentation of slides	
July 15 – 23, 2024 (Day Order 1 - 6)	1	3. Sargassum	K1 – K4	2	1-4	Observation of microscopic slides, sketching of diagrams and identification of Algae type with presentation of slides.	
July 24 – 31, 2024 (Day Order 1 - 6)	1&2	Spotters of algae & fungi along with record writing	K1 – K4	2	1-4	Comparing algae and fungi, practical record sketching	
Aug 1 – 5, 2024 (Day Order 1 - 3)	2	FUNGI - Identification, Observation and Sketching of the following Fungal forms - 1. Rhizopus 2. Aspergillus 3. Agaricus	K1 – K4	2	1-4	Observation of microscopic slides, sketching of diagrams and identification of fungal type.	CA TEST – I (20 MARKS)
Aug 6 – 10, 2024	C.A. Test - I						
Aug 12 – 14, 2024 (Day Order 4-6)							

Aug 16 – 23, 2024 (Day Order 1-6)	3	Taxonomy of plants	K1 – K5	2	1-5	Description in Technical Terms of Plants and plant dissection	
Aug 27 – Sep 3, 2024 (Day Order 1-6)	3	Taxonomy of plants	K1 – K5	2	1-5	Description in Technical Terms of Plants and plant dissection	
Sep 4 – 11, 2024 (Day Order 1-6)	3	Taxonomy of plants	K1 – K5	2	1-5	Description in Technical Terms of Plants and plant dissection. Games on various characteristics of plants.	
Sep 12 - 20, 2024 (Day Order 1-6)	2	Plant Pathology	K1 – K2	2	1-2	Identification, observation and sketching through field work	
Sep 23 - 26, 2024 (Day Order 1-4)	2	Plant Pathology	K1 – K2	2	1-2	Identification, observation and sketching through field work	CA TEST – I (20 MARKS)
Sep 27 – Oct 3, 2024	C.A. Test - II						
Oct 4 – 5, 2024 (Day 5 & 6)							
Oct 7 - 15, 2024 (Day Order 1 to 6)	4	Agricultural practices	K5	2	5	Demonstration of microbial quality of the Biofertilizers with experiments	
Oct 16 - 22, 2024 (Day Order 1 to 6)			K5	2	5		Record – 10 MARKS
Oct 23 - 24, 2024 (Day Order 1 to 2)	REVISION						