

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA

COURSE TITLES & CODES W.E.F. THE AY 2023-24

Department of Botany (BT)

S.No.	Sem	Course Title	Course Code	LTP	Credits
1	I	Introduction to Classical Biology	23SCCCCB14	401	4
2		Introduction to Applied Biology	23SCCCAB14	401	4
Core Courses (CC)					
3	II	Non-Vascular Plants - Minor	23BTCCNV23	300	3
4		Non-Vascular Plants - Practical - Minor	23BTP1NV21	002	1
5		Origin of Life & Diversity of Microbes	23BTCCOD23	300	3
6		Origin of Life & Diversity of Microbes - Practical	23BTP2OD21	002	1
Community Service Project					
Core Courses (CC)					
7	III	Vascular Plants - Minor	23BTCCVP33	300	3
8		Vascular Plants - Practical - Minor	23BTP3VP31	002	1
9		Plant Pathology & Plant Diseases	23BTCCPD33	300	3
10		Plant Pathology & Plant Diseases - Practical	23BTP4PD31	002	1
11		Plant Breeding	23BTCCPB33	300	3
12		Plant Breeding - Practical	23BTP5PB31	002	1
13		Plant Biotechnology	23BTCCPT33	300	3
14		Plant Biotechnology - Practical	23BTP6PT31	002	1
Core Courses (CC)					
15	IV	Anatomy & Embryology of Angiosperms - Minor	23BTCCAE43	300	3
16		Anatomy & Embryology of Angiosperms – Practical - Minor	23BTP7AE41	002	1
17		Plant Ecology Biodiversity & Phytogeography - Minor	23BTCCPP43	300	3
18		Plant Ecology Biodiversity & Phytogeography – Practical - Minor	23BTP8PP41	002	1
19		Plant Resources & Utilization	23BTCCPU43	300	3
20		Plant Resources & Utilization - Practical	23BTP9PU41	002	1
Summer Internship Project					
Core Courses (CC)					
21	V	Cell Biology & Genetics - Minor	23BTCCCG53	300	3
22		Cell Biology & Genetics – Practical - Minor	23BTP10CG51	002	1
23		Plant Physiology & Metabolism - Minor	23BTCCPM53	300	3
24		Plant Physiology & Metabolism – Practical - Minor	23BTP11PM51	002	1
Elective Courses (EC)					
25		Organic Farming (OR)	23BTEC11OF53	300	3
26		Seed Technology	23BTEC12ST53		

27	V	Organic Farming - Practical (OR)	23BTP1211OF51	002	1
28		Seed Technology - Practical	23BTP1312ST51		
29		Mushroom Culture Technology (OR)	23BTEC21MC53	300	3
30		Plant Propagation Techniques	23BTEC22PP53		
31		Mushroom Culture Technology - Practical (OR)	23BTP1421MC51	002	1
32		Plant Propagation Techniques - Practical	23BTP1522PP51		

Sem VI: Semester-long Internship Project

COURSE TITLES & CODES W.E.F. 2020-21

Department of Botany (BT)

S.No.	Sem	Course Title	Course Code	LTP	Credits
1	I	Fundamentals of Microbes & Non - Vascular Plants	20BTCCMN14	400	4
2		Fundamentals of Microbes & Non - Vascular Plants-Practical	20BTP1MN11	002	2
Core Courses (CC)					
3	II	Basics of Vascular plants & Phytogeography	20BTCCVP24	400	3
4		Vascular plants & Phytogeography-Practical	20BTP2VP21	002	2
Community Service Project					
Core Courses (CC)					
7	III	Anatomy & Embryology of Angiosperms,Plant Ecology& Biodiversity	20BTCCAE33	400	3
8		Anatomy & Embryology of Angiosperms,Plant Ecology& Biodiversity -Practical	20BTP3AE32	002	2
Core Courses (CC)					
15	IV	Plant Physiology & Metabolism	20BTCCPP43	400	3
16		Plant Physiology & Metabolism -Practical	20BTP4PP42	002	2
17		Cell Biology, Genetics & Plant Breeding	20BTCCCG43	400	3
18		Cell Biology, Genetics & Plant Breeding -Practical	20BTP5CG42	002	2
Summer Internship Project					
Skill Enhancement Courses(SEC)					
21	V \VI	Plant Propagation	20BTSEC11PP3	300	3
22		Plant Propagation -Practical	20BTP611PP2	002	2
23		Seed Technology	20BTSEC12ST3	300	3
24		Seed Technology -Practical	20BTP712ST2	002	2
25		Vegetable Crops -Cultivation Practices	20BTSEC21VC3	300	3
26		Vegetable Crops -Cultivation Practices –Practical	20BTP621VC2	003	2
27		Vegetable Crops –Post Harvesting Practices	20BTSEC22VP3	300	3
28		Vegetable Crops –Post Harvesting Practices- Practical	20BTP722VP2	003	2
29		Plant Tissue Culture	20BTSEC31PT3	300	3

30	V \VI	Plant Tissue Culture – Practical	20BTP631PT2	003	2
31		Mushroom Cultivation	20BTSEC32MC3	300	3
32		Mushroom Cultivation -Practical	20BTP732MC2	003	2
33		Gardening & Landscaping	20BTSEC41GL3	300	3
34		Gardening & Landscaping - Practical	20BTP641GL2	003	2
35		Agroforestry	20BTSEC42AF3	300	3
36		Agroforestry – Practical	20BTP742AF2	003	2
Long Term Internship					