

DEPARTMENT OF BOTANY

FYUP COURSE STRUCTURE

S.No	Course Code	Title of the Course	Faculty Code	End Sem Mark	Sessional Marks/ lab continuous assesment	Credits	Part/ Semester	Course Category	Department	Session/ Year of Introduction
1	2	3	4	5	6	7	8	9	10	11
1	BTBLMJ1001	Basic Concept of Plant and Plant Cell	L	70	30	4	I	MJC	Botany	2022-23
2	BTBLMJ1002	Basic Plant Biochemistry	L	70	30	2	I	MJC	Botany	2022-23
3	BTBLMJ1P01	LAB-I (BTBLMJ1001/MJ1002)	L	40	60	2	I	MJC	Botany	2022-23
4	BTBLMN1003	Introduction of Plant Morphology	L	70	30	4	I	MNC	Botany	2022-23
5	BTBLMN1P01	LAB-I (BTBLMN1003)	L	40	60	2	I	MNC	Botany	2022-23
6	BTBLGE1004	Introduction to Botany	L	70	30	4	I	GNE	Botany	2022-23
7	BTBLMJ2001	Applied Microbiology	L	70	30	4	II	MJC	Botany	2022-23
8	BTBLMJ2002	Plant Ecology and Dynamics	L	70	30	2	II	MJC	Botany	2022-23
9	BTBLMJ2P02	LAB-II (BTBLMJ2001/BTBLMJ2002)	L	40	60	2	II	MJC	Botany	2022-23
10	BTBLMN2003	Cell structure and function	L	70	30	4	II	MNC	Botany	2022-23
11	BTBLMN2P02	LAB-II (BTBLMN2003)	L	40	60	2	II	MNC	Botany	2022-23
12	BTBLGE2004	Organic Farming	L	70	30	4	II	GNE	Botany	2022-23
13	BTBLVO2005	Ornamental Horticulture	L	70	30	2	II	VOC	Botany	2022-23
14	BTBLMJ3001	PLANT PHYSIOLOGY	L	70	30	4	III	MJC	Botany	2022-23
15	BTBLMJ3002	PLANT ANATOMY	L	70	30	2	III	MJC	Botany	2022-23
16	BTBLMJ3P03	LAB-III (BTBLMJ3001/BTBLMJ3002)	L	40	60	2	III	MJC	Botany	2022-23

17	BTBLMN3003	INTRODUCTION TO MYCOLOGY	L	70	30	4	III	MNC	Botany	2022-23
18	BTBLMN3P03	LAB-III (BTBLMN3003)	L	40	60	2	III	MNC	Botany	2022-23
19	BTBLGE3004	PLANT BIODIVERSITY, CONSERVATION AND THEIR UTILIZATION	L	70	30	4	III	GNE	Botany	2022-23
20	BTBLVO3005	MEDICINAL PLANTS AND THEIR UTILIZATION	L	70	30	2	III	VOC	Botany	2022-23
21	BTBLMJ4001	PLANT DISEASES AND THEIR MANAGEMENT	L	70	30	4	IV	MJC	Botany	2022-23
22	BTBLMJ4002	BIOLOGY OF CRYPTOGAMS	L	70	30	2	IV	MJC	Botany	2022-23
23	BTBLMJ4P04	LAB-IV (BTBLMJ4001/BTBLMJ4002)	L	40	60	2	IV	MJC	Botany	2022-23
24	BTBLMN4003	CYTOLOGY AND GENETICS	L	70	30	4	IV	MNC	Botany	2022-23
25	BTBLMN4P04	LAB-IV (BTBLMN4003)	L	40	60	2	IV	MNC	Botany	2022-23
26	BTBLGE4004	INDUSTRIAL PLANTS AND THEIR UTILIZATION	L	70	30	4	IV	GNE	Botany	2022-23
27	BTBLMJ5001	FUNDAMENTALS OF ENVIRONMENT	L	70	30	4	V	MJC	Botany	2022-23
28	BTBLMJ5002	SYSTEMATICS OF ANGIOSPERMS	L	70	30	4	V	MJC	Botany	2022-23
29	BTBLMJ5P05	LAB-V (BTBLMJ5001)	L	40	60	2	V	MJC	Botany	2022-23
30	BTBLMJ5P06	LAB-VI (BTBLMJ5002)	L	40	60	2	V	MJC	Botany	2022-23
31	BTBLMO5003	EMBRYOLOGY OF ANGIOSPERM	L	70	30	4	V	MJO	Botany	2022-23
32	BTBLMO5004	PLANT NURSERY AND GARDENING	L	70	30	4	V	MJO	Botany	2022-23
33	BTBLMO5P01	LAB-I (BTBLMO5003)	L	40	60	2	V	MJO	Botany	2022-23
34	BTBLMO5P02	LAB-II (BTBLMO5004)	L	40	60	2	V	MJO	Botany	2022-23
35	BTBLNO5005	PLANTS AND HUMAN WELFARE	L	70	30	4	V	MNO	Botany	2022-23
36	BTBLNO5P01	LAB-I (BTBLNO5005)	L	40	60	2	V	MNO	Botany	2022-23
37	BTBLMO5006	PALYNOLOGY AND SEED TECHNOLOGY	L	70	30	4	V	MNO	Botany	2022-23
38	BTBLNO5P02	LAB-II (BTBLMO5006)	L	40	60	2	V	MNO	Botany	2022-23

39	BTBLVO5007	MUSHROOM CULTURE AND TECHNOLOGY	L	70	30	2	V	VOC	Botany	2022-23
40	BTBLMJ6001	PLANT BREEDING	L	70	30	4	VI	MJC	Botany	2022-23
41	BTBLMJ6P06	LAB-VII (BTBLMJ6001)	L	40	60	2	VI	MJC	Botany	2022-23
42	BTBLMJ6002	PLANT BIOCHEMISTRY AND MOLECULAR BIOLOGY	L	70	30	4	VI	MJC	Botany	2022-23
43	BTBLMJ6P08	LAB-VIII (BTBLMJ6002)	L	40	60	2	VI	MJC	Botany	2022-23
44	BTBLMO6003	FUNDAMENTALS OF PLANT BIOTECHNOLOGY AND NANOTECHNOLOGY	L	70	30	4	VI	MJO	Botany	2022-23
45	BTBLMO6P03	LAB-III (BTBLMO6003)	L	40	60	2	VI	MJO	Botany	2022-23
46	BTBLMO6004	CONCEPT OF FOREST AND FOREST PRODUCT	L	70	30	4	VI	MJO	Botany	2022-23
47	BTBLMO6P04	LAB-IV (BTBLMO6004)	L	40	60	2	VI	MJO	Botany	2022-23
48	BTBLNO6005	FIELD AND HERBARIUM TECHNIQUES	L	70	30	4	VI	MNO	Botany	2022-23
49	BTBLNO6006	ETHNOBOTANY IN MODERN INDIA	L	70	30	4	VI	MNO	Botany	2022-23
50	BTBLNO6P03	LAB-III (BTBLNO6005)	L	40	60	2	VI	MNO	Botany	2022-24
51	BTBLNO6P04	LAB-IV (BTBLNO6006)	L	40	60	2	VI	MNO	Botany	2022-24
52	BTBLVO6007	HERBAL TECHNOLOGY	L	70	30	2	VI	VOC	Botany	2022-23
53	BTBLMJ7101	MICROBIOLOGY AND PLANT PATHOLOGY	L	70	30	4	VII (H)	MJC	Botany	2022-23
54	BTBLMJ7001	TAXONOMY OF ANGIOSPERMS	L	70	30	2	VII (H)	MJC	Botany	2022-23
55	BTBLMJ7002	ENVIRONMENT AND ECOLOGY	L	70	30	2	VII (H)	MJC	Botany	2022-23
56	BTBLMJ7P09	LAB-IX (BTBLMJ7101)	L	40	60	2	VII (H)	MJC	Botany	2022-23
57	BTBLMJ7P10	LAB-X (BTBLMJ7001/7002)	L	40	60	2	VII (H)	MJC	Botany	2022-23
58	BTBLMJ7003	PLANT TISSUE CULTURE	L	70	30	4	VII (H)	GNE	Botany	2022-23
59	BTBLMJ7102	RESEARCH METHODOLOGY	L	70	30	2	VII (H)	VOC	Botany	2022-23
60	BTBLMJ7S01	SEMINAR	L	70	30	4	VII (H)	SEM	Botany	2022-23

61	BTBLMJ8101	PLANT PHYSIOLOGY AND METABOLISM	L	70	30	4	VIII (H)	MJC	Botany	2022-23
62	BTBLMJ8001	CELL AND MOLECULAR BIOLOGY	L	70	30	2	VIII (H)	MJC	Botany	2022-23
63	BTBLMJ8002	CYTOGENETICS	L	70	30	2	VIII (H)	MJC	Botany	2022-23
64	BTBLMJ8P11	LAB-XI (BTBLMJ8101)	L	40	60	2	VIII (H)	MJC	Botany	2022-23
65	BTBLMJ8P12	LAB-XII (BTBLMJ8001/8002)	L	40	60	2	VIII (H)	MJC	Botany	2022-24
66	BTBLMJ8003	GREEN TECHNOLOGY	L	70	30	4	VIII (H)	GNE	Botany	2022-23
67	BTBLMJ8D01	PROJECT DISSERTATION	L	70	30	6	VIII (H)	DISS	Botany	2022-23
68	BTBLMJ7103	MICROBIOLOGY AND PLANT PATHOLOGY	L	70	30	2	VII (R)	MJC	Botany	2022-23
69	BTBLMJ7001	TAXONOMY OF ANGIOSPERMS	L	70	30	2	VII (R)	MJC	Botany	2022-23
70	BTBLMJ7002	ENVIRONMENT AND ECOLOGY	L	70	30	2	VII (R)	MJC	Botany	2022-23
71	BTBLMJ7P13	LAB-XIII (BTBLMJ7103)	L	40	60	2	VII (R)	MJC	Botany	2022-23
72	BTBLMJ7P10	LAB-X (BTBLMJ7001/7002)	L	40	60	2	VII (R)	MJC	Botany	2022-23
73	BTBLMJ7003	PLANT TISSUE CULTURE	L	70	30	4	VII (R)	GNE	Botany	2022-23
74	BTBLMJ7104	RESEARCH METHODOLOGY	L	70	30	4	VII (R)	VOC	Botany	2022-23
75	BTBLMJ7D01	PROJECT DISSERTATION	L	70	30	4	VII (R)	DISS	Botany	2022-23
76	BTBLMJ8102	PLANT PHYSIOLOGY AND METABOLISM	L	70	30	2	VIII (R)	MJC	Botany	2022-23
77	BTBLMJ8001	CELL AND MOLECULAR BIOLOGY	L	70	30	2	VIII (R)	MJC	Botany	2022-23
78	BTBLMJ8002	CYTOGENETICS	L	70	30	2	VIII (R)	MJC	Botany	2022-23
79	BTBLMJ8P14	LAB-XIV (BTBLMJ8102)	L	70	30	2	VIII (R)	MJC	Botany	2022-23
80	BTBLMJ8P12	LAB-XII (BTBLMJ8001/8002)	L	40	60	2	VIII (R)	MJC	Botany	2022-23
81	BTBLMJ8003	GREEN TECHNOLOGY	L	70	30	4	VIII (R)	GNE	Botany	2022-23
82	BTBLMJ8D02	PROJECT/DISSERTATION	L	70	30	8	VIII (R)	DISS	Botany	2022-24

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