

**Kunthavai Naacciyaar Govt. Arts College(W), (Autonomous),
Thanjavur - 613 007
(Course Structure for Students admitted from 2015 onwards)
M.SC BOTANY**

S.NO	SEM	SUB CODE	SUB TITLE	HOURS	CREDIT	CIA(MAX)	SE(MAX)	TOTAL	AGREE
1	I	15KP1B01	PLANT DIVERSITY I (PHYCOLOGY, MYCOLOGY AND BRYOLOGY)	6	5	25	75	100	50
2	I	15KP1B02	PLANT DIVERSITY II (PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY)	6	5	25	75	100	50
3	I	15KP1B03	APPLIED MICROBIOLOGY, PLANT PATHOLOGY AND IMMUNOLOGY	6	5	25	75	100	50
4	I	15KP1B04	BIOINSTRUMENTATION AND BIOLOGICAL TECHNIQUES	6	5	25	75	100	50
5	I	15KP1B05P	PRACTICAL - I FOR CORE COURSE I, II, III & IV	6	5	40	60	100	50
Semester Credits :				30	25				
6	II	15KP2B06	ANATOMY, EMBRYOLOGY AND MORPHOGENESIS	6	5	25	75	100	50
7	II	15KP2B07	MOLECULAR BIOLOGY, GENETICS AND PLANT BREEDING	6	5	25	75	100	50
8	II	15KP2B08	PLANT PHYSIOLOGY AND BIOCHEMISTRY	6	5	25	75	100	50
9	II	15KP2B09P	PRACTICAL - II FOR CORE COURSE VI, VII & VIII	6	4	40	60	100	50
10	II	15KP2BELO1	INDUSTRIAL MICROBIOLOGY	6	5	25	75	100	50
11	II	15KP2SSB1	CELL COMMUNICATION AND CELL SIGNALING	-	5	-	100	100	50
Semester Credits :				30	24				
12	III	15KP3B10	PLANT SYSTEMATICS, ECOLOGY AND PHYTOGEOGRAPHY	6	4	25	75	100	50
13	III	15KP3B11	HORTICULTURE AND CONSERVATION BIOLOGY	6	4	25	75	100	50
14	III	15KP3B12P	PRACTICAL - III FOR CORE COURSE X & X1	6	4	60	60	120	50
15	III	15KP3BELB1	PHARMACOGNOSY	6	5	25	75	100	50
16	III	15KP3BELO2	HERBAL SCIENCE	6	5	25	75	100	50
17	III	15KP3SSB2	INHERITANCE BIOLOGY AND DIVERSITY OF LIFE FORMS	-	5	-	100	100	50
Semester Credits :				30	22				
18	IV	15KP4B13	BIOTECHNOLOGY AND BIOINFORMATICS	6	4	25	75	100	50
19	IV	15KP4B14P	PRACTICAL - IV FOR CORE COURSE XIII	6	4	40	60	100	50
20	IV	15KP4BELB2	RESEARCH METHODOLOGY AND BIONANOTECHNOLOGY	6	5	25	75	100	50
21	IV	15KP4B15PW	PROJECT	12	6	-	100	100	50
Semester Credits :				30	19				
Total credits :				90					