

CURRICULUM

AUTONOMY: MAJOR PAPER DETAILS

SEMESTER	MAJOR PAPER	CODE	TITLE	CREDITS	HOURS	MARKS
I	I	UPB/CT/1001	Phycology and Algal Biotechnology	4	4	25+75
	II	UPB/CT/1002	Mycology, Fungal Biotechnology and Lichen	4	4	25+75
		UPB/NE/1BF1	Biofertilizer Production (NME)	2	2	
		UPB/CP/2001	Core Practical – I*	-	4	
II	III	UPB/CT/2003	General Microbiology and Plant Pathology	4	4	25+75
	IV	UPB/CT/2004	Bryophytes and Pteridophytes	4	4	25+75
		UPB/CP/2001	Core Practical - 1	2	4	20+30
		UPB/NE/2BF2	Biopesticide (NME)	2	2	
III	V	UPB/CT/3005	Cell Biology and Molecular Biology	4	4	25+75
	VI	UPB/CT/3006	Anatomy of Angiosperm and Embryology	4	4	25+75
		UPB/CP/4002	Core Practical – II*	-	4	
IV	VII	UPB/CT/4007	Gymnosperms, Paleobotany and Evolution	4	4	25+75
	VIII	UPB/CT/4008	Ecology and Environmental Biotechnology	4	4	25+75
		UPB/CP/4002	Core Practical –II	2	2	20+30
V	IX	UPB/CT/5009	Genetics and Plant Breeding	4	4	25+75
	X	UPB/CT/5010	Taxonomy of Angiosperm and Economic Botany	4	4	25+75
	XI	UPB/CT/5011	Bioinstrumentation, Bioinformatics and Biostatistics	4	4	25+75
		UPB/CE/5001	Core Elective -1	5	5	25+75
			Core Project*	-	3	
		UPB/CP/5003	Core Practical – III*	-	6 (3x2)	
VI	XII	UPB/CT/6012	Plant Physiology, Biochemistry and Biophysics	4	4	25+75
	XIII	UPB/CT/6013	Plant Biotechnology	4	4	25+75
		UPB/CE/6002	Core Elective – II	5	5	25+75
		UPB/ER/6003	Core Project	5	5	20+80
		UPB/CP/5003	Core Practical - 3	2	-	20+30
		UPB/CP/6004	Core Practical – 4	2	4 (2x2)	20+30
			Total	75		1800

*Practical I (At the End of II Semester)

*Practical IV (At the End of VI Semester)

*Practical II (At the End of IV Semester) *Project (At the End of VI Semester)

*Practical III (At the End of VI Semester)

SEME STER	CORE ELECTI VE PAPERS	TITLE	CREDITS	HOURS	MARKS
IV and V	I	Herbal Medicine	5	5	25+75
	II	Horticulture	5	5	25+75
	III	Seed technology	5	5	25+75
	IV	Microtechnique	5	5	25+75
	V	<i>Spirulina</i> cultivation	5	5	25+75

SEME STER	NON MAJOR ELECTIVE PAPER	TITLE	CREDITS	HOURS	MARKS
I	I	Biofertilizer	2	2	40+60
II	II	Biopesticide	2	2	40+60

- Skill Based paper “Terrace Garden” has been introduced instead of Soft skill in IV Semester