



SEETHALAKSHMI RAMASWAMI COLLEGE

(Autonomous)

Affiliated to Bharathidasan University

Tiruchirappalli

Accredited with A+ by NAAC (4th Cycle)

B.Sc. Botany



Revised CBCS - OBE - BASED Curriculum Structure

(For students admitted from 2021 onwards)

SEMPART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT	
I	I	Language-I	Course-I	6	3	EXT	25	75	100	
	II	English-I	Course-I	6	3	EXT	25	75	100	
	III	Core Course-I	U211BYMT01	Algae, Fungi and Bryophytes	7	5	EXT	25	75	100
	III	Core Practical-I	U212BYMP01	Practical-I: Algae, Fungi, Bryophytes, Pteridophytes, Gymnosperms and Paleobotany	2	-	INT	-	-	-
	III	First Allied Course-I		Offered by the Department of Chemistry	4	3	EXT	25	75	100
	III	First Allied Practical-I		Practical-I: Offered by the Department of Chemistry	2	-	INT	-	-	-
	III	Cross disciplinary course (CDC) (Botany and Zoology)	U212XCMT01	Integrated Farming	1	-	EXT	-	-	-
	IV	VBE		Value Based Education	2	2	EXT	25	75	100
TOTAL				30	16				500	

SEM	PAR T	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/ EXT	CIA	SE	TOT
II	I	Language-II		Course -II	6	3	EXT	25	75	100
	II	English-II		Course -II	6	3	EXT	25	75	100
	III	Core Course-II	U212BYMT02	Pteridophytes, Gymnosperms and Paleobotany	5	5	EXT	25	75	100
	III	Core Practical-I	U212BYMP01	Practical-I : Algae, Fungi, Bryophytes, Pteridophytes, Gymnosperms and Paleobotany	2	4	INT	40	60	100
	III	First Allied Course-II		Offered by the Department of Chemistry	4	3	EXT	25	75	100
	III	First Allied Practical-I		Practical-I : Offered by the Department of Chemistry	2	3	INT	40	60	100
	III	Cross disciplinary course(CDC) (Botany and Zoology)	U212XCMT01	Integrated Farming	3	4	EXT	25	75	100
	IV	EVS		Environmental Studies	2	2	EXT	25	75	100
TOTAL					30	27				800

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/ EXT	CIA	SE	TOT
III	I	Language-III		Course - III	6	3	EXT	25	75	100
	II	English-III		Course - III	6	3	EXT	25	75	100
	III	Core Course-III	U213BYMT03	Anatomy and Embryology	6	5	EXT	25	75	100
	III	Core Practical-II	U214BYMP02	Practical -II :Anatomy, Embryology ,Cell Biology, Genetics and Biostatistics	2	-	INT	-	-	-
	III	Second Allied Course-I		Offered by the Department of Zoology	4	3	EXT	25	75	100
	III	Second Allied Practical-I		Practical-I : Offered by the Department of Zoology	2	-	INT	-	-	-
	IV	NME-I		Offered by other Departments	2	2	EXT	25	75	100
	IV	SBE-I	U213BYSE01:1	Nursery techniques and Mushroom cultivation	2	2	EXT	25	75	100
TOTAL					30	18				600

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
IV	I	Language-IV		Course- IV	6	3	EXT	25	75	100
	II	English-IV		Course- IV	6	3	EXT	25	75	100
	III	Core Course-IV	U214BYMT04	Cell Biology, Genetics and Biostatistics	6	5	EXT	25	75	100
	III	Core Practical-II	U214BYMP02	Practical-II: Anatomy ,Embryology, Cell Biology, Genetics and Biostatistics	2	4	INT	40	60	100
	III	Second Allied Course-II		Offered by the Department of Zoology	4	3	EXT	25	75	100
	III	Second Allied Practical-I		Practical-I: Offered by the Department of Zoology	2	3	INT	40	60	100
	IV	NME-II		Offered by other Departments	2	2	EXT	25	75	100
	IV	SBE-II	U214BYSE02:1	Biofertilizer and Biopesticides	2	2	EXT	25	75	100
TOTAL					30	25				800

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
V	III	Core Course-V		Morphology, Taxonomy and Economic Botany	6	5	EXT	25	75	100
	III	Core Course-VI		Biological Techniques	6	5	EXT	25	75	100
	III	Core Course-VII		General Microbiology	6	5	EXT	25	75	100
	III	Core Practical-III		Practical-III: Morphology, Taxonomy, Economic Botany, Biological Techniques and General Microbiology	3	-	INT	-	-	-
	III	MBE-I		Environmental Biotechnology	5	4	EXT	25	75	100
	IV	SBE-III		Preservation of fruits and vegetables	2	2	EXT	25	75	100
	IV	SSD		Soft Skill Development	2	2	INT	25	75	100
TOTAL					30	23				600

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/ EXT	CIA	SE	TOT
VI	III	Core Course-VIII		Plant Physiology, Biochemistry and Biophysics	5	5	EXT	25	75	100
	III	Core Course-IX		Environment, Biodiversity and Conservation	5	5	EXT	25	75	100
	III	Core Practical-III		Practical-III: Morphology, Taxonomy, Economic Botany, Biological Techniques and General Microbiology	2	4	INT	40	60	100
	III	Core Practical-IV		Practical-IV: Plant Physiology, Biochemistry, Biophysics, Environment, Biodiversity and Conservation.	4	4	INT	40	60	100
	III	Project		Group project	3	3	EXT	20	80	100
	III	MBE-II		Horticulture and Plant Breeding	5	4	EXT	25	75	100
	III	MBE-III		Plant Biotechnology and Genetic Engineering	5	4	EXT	25	75	100
	V	GS		Gender Studies	1	1	INT	25	75	100
	V	Extension		Extension Activity	-	1	INT			100
TOTAL					30	31				900
GRAND TOTAL					180	140				4200