



Sem	Part	Course	Title	Instru. Hours/ Week	Credit	Exam Hours	Marks		Total
							In t.	Ext .	
I	I	Language Course – I (LC) – Tamil*/Other Languages + #		6	3	3	25	75	100
	II	English Language Course – I (ELC)	Communicative English I	6	3	3	25	75	100
	III	Core Course – I (CC)	Bacteria, Viruses, Algae, Fungi and Lichens	5	5	3	25	75	100
		Core Practical – I (CP)	Bacteria, Virus, Algae, and Fungi Andlichens & Plant Pathology and Plant Protection (P)	3	-	***	-	-	-
		First Allied Course – I (AC)		5	4	3	25	75	100
		First Allied Course – II (AP)		3	-	***	-	-	-
		Add on Course – I ##	Professional English I	6	4	3	25	75	100
	IV	Value Education	Value Education	2	2	3	25	75	100
Total			30	21				600	
II	I	Language Course – II (LC) – Tamil*/Other Languages + #		6	3	3	25	75	100
	II	English Language Course – II (ELC)	Communicative English II	6	3	3	25	75	100
	III	Core Course – II (CC)	Plant Pathology and Plant Protection	5	5	3	25	75	100
		Core Practical – I (CP)	Bacteria, Viruses, Algae, Fungi and Lichens & Plant Pathology and Plant Protection (P)	3	4	3	40	60	100
		First Allied Course – II (AP)		2	2	3	40	60	100
		First Allied Course – III (AC)		5	4	3	25	75	100
		Add on Course – II ##	Professional English II	6	4	3	25	75	100
	IV	Environmental Studies	Environmental Studies	3	2	3	25	75	100
Total			30	27				800	
III	I	Language Course – III (LC) – Tamil*/Other Languages + #		6	3	3	25	75	100
	II	English Language Course – III (ELC)		6	3	3	25	75	100
	III	Core Course – III (CC)	Bryophytes, Pteridophytes, Gymnosperms and Paleobotany	6	5	3	25	75	100
		Core Practical – II (CP)	Bryophytes, Pteridophytes, Gymnosperms and Paleobotany & Anatomy and Embryology	3	-	***	-	-	-
		Second Allied Course – I (AC)		5	4	3	25	75	100
		Second Allied Course – II (AP)		2	-	***	-	-	-
	IV	Non-Major Elective I – for those who studied Tamil under Part I a) Basic Tamil for other language students b) Special Tamil for those who studied Tamil upto +2 but opt for other languages in degree programme	Biofertilizers and Biopesticides @	2	2	3	25	75	100
	Total			30	17				500

IV	I	Language Course –IV (LC) – Tamil*/Other Languages * #		6	3	3	25	75	100
	II	English Language Course – IV (ELC)		6	3	3	25	75	100
	III	Core Course – IV (CC)	Anatomy and Embryology	5	5	3	25	75	100
		Core Practical – II (CP)	Bryophytes, Pteridophytes, Gymnosperms and Paleobotany & Anatomy and Embryology (P)	3	4	3	40	60	100
		Second Allied Course – II (AP)	Practical	2	2	3	40	60	100
		Second Allied Course – III (AC)		4	4	3	25	75	100
	IV	Non Major Elective II – for those who studied Tamil under Part I a) Basic Tamil for other language students b) Special Tamil for those who studied Tamil upto +2 but opt for other languages in degree programme	Horticulture @	2	2	3	25	75	100
		Skill Based Elective - I	Skill Based Elective - I	2	2	3	25	75	100
Total				30	25			800	
V	III	Core Course – V (CC)	Cell and Molecular Biology	5	5	3	25	75	100
		Core Course – VI (CC)	Genetics, Biostatistics and Evolution	5	5	3	25	75	100
		Core Course – VII (CC)	Morphology, Taxonomy and Economic Botany	4	4	3	25	75	100
		Core Practical – III (CP)	Cell and Molecular Biology & Genetics, Biostatistics and Evolution & Morphology, Taxonomy of Angiosperms and Economic Botany (P)	6	5	3	40	60	100
		Major Based Elective – I	Medical and Applied Botany	4	4	3	25	75	100
	IV	Skill Based Elective – II	Skill Based Elective - II	2	2	3	25	75	100
		Skill Based Elective – III	Skill Based Elective – III	2	2	3	25	75	100
		Soft Skills Development		2	2	3	25	75	100
Total				30	29			800	
VI	III	Core Course – VIII (CC)	Plant Physiology, Biochemistry and Biophysics	6	6	3	25	75	100
		Core Course – IX (CC)	Plant Ecology and Conservation	6	6	3	25	75	100
		Core Practical – IV (CP)	Plant Physiology, Biochemistry and Biophysics & Plant Ecology and Conservation (P)	6	6	3	40	60	100
		Major–Based Elective II	Plant Breeding, Horticulture and Landscaping	6	5	3	25	75	100
		Major–Based Elective III	Plant Biotechnology and Bioinformatics	5	4	3	25	75	100
	V	Extension Activities **	Extension Activities	-	1	-	-	-	-
		Gender Studies	Gender Studies	1	1	3	25	75	100
	VI	Naan Mudhalvan Scheme (NMS) @@	Medical Coding	-	2	-	25	75	100
Total				30	31			700	
Grand Total				180	150			4200	

List of Allied Courses

First Allied Course

Zoology

Second Allied Course

Chemistry

Language Part – I	-	4
English Part –II	-	4
Core Paper	-	9
Core Practical	-	4
Add-on Course	-	2
Allied Paper	-	3
Allied Practical	-	3
Non-Major Elective	-	2
Skill Based Elective	-	3
Major Based Elective	-	3
Environmental Studies	-	1
Value Education	-	1
Soft Skill Development	-	1
Gender Studies	-	1
Extension Activities	-	1 (Credit only)
Naan Mudhalvan Scheme	-	1

* For those who studied Tamil upto 10th +2 (Regular Stream).

+ Syllabus for other Languages should be on par with Tamil at degree level.

Those who studied Tamil upto 10th +2 but opt for other languages in degree level under Part- I should study special Tamil in Part – IV.

The Professional English – Four Streams Course is offered in the 1st and 2nd Semester in all UG Courses. It will be taught apart from the Existing hours of teaching / additional hours of teaching (1 hour /day) as a 4 credit paper as an add on course on par with Major Paper and completion of the paper is must to continue his / her studies further. The Extra 6 hrs / cycle will be utilized for the Add on Professional English Course. (As per G.O. No. 76, Higher Education (K2) Department dated: 18.07.2020).

@ NCC Course is one of the Choices in Non-Major Elective Course. Only the NCC cadets are eligible to choose this course. However, NCC Course is not a Compulsory Course for the NCC Cadets.

** Extension Activities shall be outside instruction hours.

@@ Naan Mudhalvan Scheme as per Government instruction.

Non Major Elective I & II – for those who studied Tamil under Part I

- Basic Tamil I & II for other language students
- Special Tamil I & II for those who studied Tamil upto 10th or +2 but opt for other languages in degree programme

Note:

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|---|----------|----------|----------|----------|
| 1. Theory | Internal | 25 marks | External | 75 marks |
| 2. Practical | " | 40 marks | " | 60 marks |
| 3. Separate passing minimum is prescribed for Internal and External | | | | |

FOR THEORY

The passing minimum for CIA shall be 40% out of 25 marks [i.e. 10 marks]

The passing minimum for University Examinations shall be 40% out of 75 marks [i.e. 30 marks]

FOR PRACTICAL

The passing minimum for CIA shall be 40% out of 40 marks [i.e. 16 marks]

The passing minimum for University Examinations shall be 40% out of 60 marks [i.e. 24 marks].
