



(For the Candidates admitted from the Academic year 2016-2017 onwards)

(NAAN MUDHALVAN SCHEME was Implemented in 6th semester alone for 2020-21 Batch)

Semester	Part	Course	Title	Instru. Hours/ Week	Credit	Exam Hours	Marks		Total
							Int	Extn.	
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)	Programming in C	6	5	3	25	75	100
		Core Practical - I (CP)	Programming in C Lab	3	2	3	40	60	100
		First Allied Course –I (AC)		4	4	3	25	75	100
		First Allied Course – II (AC)		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	23				700
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)	Programming in C++	6	6	3	25	75	100
		Core Practical - II (CP)	Programming in C++ Lab	3	2	3	40	60	100
		First Allied Course – II (AC)		3	3	3	25	75	100
		First Allied Course – III (AC)		4	2	3	25	75	100
		Add on Course – II ##	Professional English II	6	4	3	25	75	100
	IV	Environmental Studies	Environmental Studies	2	2	3	25	75	100
Total				30	25				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)	Programming in Java	6	5	3	25	75	100
		Core Practical - III (CP)	Programming in Java Lab	3	2	3	40	60	100
		Second Allied Course – I (AC)		4	4	3	25	75	100
		Second Allied Practical (AP)		3	-	-	-	-	-
	III	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	Working Principles of Internet @	2	2	3	25	75	100
	Total			30	19				600

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)	Database Systems	5	5	3	25	75	100
		Core Practical - IV (CP)	Database Systems Lab	3	2	3	40	60	100
		Second Allied Practical (AP)		3	3	3	40	60	100
		Second Allied Course–II (AC)		3	2	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	Fundamentals of Information Technology @	2	2	3	25	75	100
		Skill Based Elective - I	Skill Based Elective - I	2	2	3	25	75	100
	Total			30	22				800
V	III	Core Course V [CC]	Data Structures and Algorithms	5	5	3	25	75	100
		Core Course VI [CC]	Computer Networks	5	5	3	25	75	100
		Core Course VII [CC]	Digital Electronics and Microprocessor	5	5	3	25	75	100
		Core Practical V [CP]	Digital Electronics and Microprocessor Lab	4	3	3	40	60	100
		Major Based Elective - I	Software Engineering / System Analysis and Design / Management Information System	5	5	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	Soft Skills Development	2	2	3	25	75	100
	Total			30	29				800
VI	III	Core Course VIII [CC]	Operating Systems	6	6	3	25	75	100
		Core Course IX [CC]	Programming in PHP	6	6	3	25	75	100
		Core Practical VI [CP]	Programming in PHP Lab	5	4	3	40	60	100
		Major Based Elective - II	Computer Graphics / Cloud Computing / Business Process Outsourcing	6	6	3	25	75	100
		Major Based Elective - III	Mini Project (Students to do it in their respective Colleges) / Dot Net Lab / Linux Lab	6	6	3	40	60	100
	V	Extension Activities **	Extension Activities	-	1	-	-	-	-
		Gender Studies	Gender Studies	1	1	3	25	75	100
	VI	Naan Mudhalvan Scheme (NMS) @@	Cyber Security / Deep Model, Artificial Intelligence / PBL Android App Development / PBL Machine Learning	-	2	-	25	75	100
	Total			30	32				700
	Grand Total			180	150	-	-	-	4400

List of Allied Courses

First Allied Course	Second Allied Course
Mathematics	Applied Physics
Language Part – I	- 4
English Part –II	- 4
Core Paper	- 9
Core Practical	- 6
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

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

Note:

- | | | | | |
|---|----------|----------|----------|----------|
| 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].
