



B.Sc. Forensic Science: Course Structure under CBCS
(For the candidates admitted from the academic year 2019-2020 onwards)

Eligibility : Pass in 10 +2 (with Biology)

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

Sem	Part	Course	Title	Ins Hrs	Credit	Exam Hours	Marks		Total
							Int.	Ext.	
I	I	Language Course – I (LC) – Tamil*/Other Languages + #		6	3	3	25	75	100
	II	English Language Course - I (ELC)		6	3	3	25	75	100
	III	Core Course – I (CC)	General Forensic Science and Crime Scene Management	5	5	3	25	75	100
		Core Course – II (CC)	Crime and Criminal Justice System	4	4	3	25	75	100
		First Allied Course –I (AC)	Physics	4	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	25				700
II	I	Language Course – II (LC) - Tamil*/Other Languages + #		6	3	3	25	75	100
	II	English Language Course – II (ELC)		6	3	3	25	75	100
	III	Core Course – III (CC)	Basic Forensic Psychology	5	5	3	25	75	100
		Core Practical –I (CP)	Crime Scene Management Lab	4	3	3	40	60	100
		First Allied Course–II (AP)	Physics and Biology Lab	3	3	3	40	60	100
		First Allied Course–III (AC)	Biology	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 – IV (CC)	Fingerprints and Questioned Documents	5	5	3	25	75	100
		Core Course – V (CC)	Forensic Physics and Ballistics	4	4	3	25	75	100
		Second Allied Course–I (AC)	Chemistry	4	3	3	25	75	100
		Second Allied Course–II (AP)	Basic Chemistry Lab	3	---	---	---	---	---
	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 10th +2 but opt for other languages in degree programme	Criminalities (or) Questioned Document Analysis (or) Fingerprint Science @	2	2	3	25	75	100
		TOTAL		30	20				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 – VI (CC)	Instrumentation	4	4	3	25	75	100
		Core Practical – II (CP)	Fingerprints and Questioned Documents Lab	4	4	3	40	60	100
		Second Allied Course–II (AP)	Basic Chemistry Lab	2	3	3	40	60	100
		Second Allied Course – III	Basics of Computer	4	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 10 th +2 but opt for other languages in degree programme	Handwriting Analysis (or) Investigation of Scene of Occurrence (or) Digital Forensics @	2	2	3	25	75	100
	V	Skill Based Elective I		2	2	3	25	75	100
TOTAL				30	23	800			
V	III	Core Course – VII (CC)	Forensic Biology and Serology	5	5	3	25	75	100
		Core Practical III – (CP)	Forensic Biology and Serology Lab	5	5	3	40	60	100
		Core Course –VIII (CC)	Cyber Crime and Cyber Law	5	5	3	25	75	100
		Core Practical – IV (CP)	Cyber Forensics Lab	4	3	3	40	60	100
		Major Based Elective – I	Forensic Anthropology (or) DNA Forensics (or) Accident Investigation Theory – 60 marks: (UE: 45: IA: 15) Practical – 40 marks: (UE:30 : IA: 10) Theory 2 hours & Practical 2 hours	5	5	4	25	75	100
	IV	Skill Based Elective – II		2	2	3	25	75	100
		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 –IX (CC)	Forensic Medicine and Toxicology	6	5	3	25	75	100
		Core Course – X (CC)	Advanced Forensic Psychology	6	5	3	25	75	100
		Core Practical – V (CP)	Forensic Medicine and Toxicology Lab	5	4	3	40	60	100
		Major Based Elective II	Economic Offences (or) Fire and Explosives Investigations (or) Theory – 60 marks: (UE: 45: IA: 15) Practical – 40 marks: (UE:30 : IA: 10) Theory 2 hours & Practical 2 hours	6	5	4	40	60	100
		Theory only	Wildlife Forensics			3	25	75	
		Major Based Elective III	Mini Project (or) Digital and Cyber Forensics Lab (or) DNA Analysis Lab	6	5	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) @@	Naandi / Unnati / Quest / IBM Skills Build	-	-	-	-	-	-
	TOTAL				30	26	600		
GRAND TOTAL				180	148	-	-	-	4300

Language Part – I	-	4
English Part –II	-	4
Core Paper	-	10
Core Practical	-	5
Add-on Course	-	2
Allied Paper	-	4
Allied Practical	-	2
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 (No Credits)

* 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:

Internal Marks External Marks

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

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].

Program Objective:

1. To provide the basic knowledge and principles of Forensic Science.
2. To develop problem-solving skills in a stepwise fashion.
3. To inculcate diverse skills and abilities involved in various fields of Forensic Science.
4. To develop laboratory skills.
5. To develop conceptual understanding of Criminal Justice System and Legal System.
6. To produce ethical and skillful graduates, who can articulate the professional standards.

Program Outcome:

1. Demonstrate knowledge and understanding of some basic principles and concepts of Forensic Science.
2. Ability to apply knowledge and understanding of various scientific principles to solve crime cases.
3. Possess high awareness of major issues and development of research areas in Forensic Science.
4. Understand various aspects of Indian Law and related sections.
5. Possess laboratory skills to exacting standards of precision and care.
6. Acquire professional ethics and act in a non-biased manner.
