



**B.Sc. FORENSIC SCIENCE**

**CHOICE BASED CREDIT SYSTEM –**

**LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (CBCS - LOCF)**

(Applicable to the candidates admitted from the academic year 2022-23 onwards)

**(NaanMudhalvan scheme has been implemented from 2nd to 5th semester for the 2023-2024 Batch)**

Sem.	Part	Course	Title	Ins. Hrs	Credit	Exam Hours	Marks		Total
							Int.	Ext.	
I	I	Language Course – I Tamil \$/Other Languages + #		6	3	3	25	75	100
	II	English Course - I		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 Practical – I (CP)	Crime Scene Management Lab	4	4	3	40	60	100
		First Allied Course – I (AC)		4	4	3	25	75	100
		First Allied Practical (AP)		3	-	-	-	-	-
	IV	Value Education		2	2	3	25	75	100
	<b>TOTAL</b>				<b>30</b>	<b>21</b>	-	-	-
II	I	Language Course - II Tamil \$/Other Languages + #		6	3	3	25	75	100
	II	English Course - II		4	3	3	25	75	100
	III	Core Course – II (CC)	Crime and Criminal Justice System	5	5	3	25	75	100
		Core Practical – II(CP)	Fingerprints and Questioned Documents Lab	4	4	3	40	60	100
		First Allied Practical (AP)		3	2	3	40	60	100
		First Allied Course – II (AC)		4	4	3	25	75	100
		Add on Course – I ##	Professional English – I	6*	4	3	25	75	100
	IV	Environmental Studies		2	2	3	25	75	100
VI	NaanMudhalvan Scheme (NMS) @@	Language Proficiency for Employability - Overview of English Language Communication	2	2	3	25	75	100	
<b>TOTAL</b>				<b>30</b>	<b>29</b>	-	-	-	<b>900</b>

III	I	Language Course – III Tamil \$/Other Languages + #		6	3	3	25	75	100	
	II	English Course - III		6	3	3	25	75	100	
	III	Core Course – III (CC)	DNA Forensics		5	5	3	25	75	100
		Core Practical - III (CP)	DNA Analysis Lab		4	4	3	40	60	100
		Second Allied Course – I (AC)			4	4	3	25	75	100
		Second Allied Practical – (AP)			3	-	-	-	-	-
		Add on Course – II ##	Professional English - II		6*	4	3	25	75	100
	IV	Non-Major Elective I @ - Those who choose Tamil in Part I can choose a non-major elective course offered by other departments. Those who do not choose Tamil in Part I must choose either a) Basic Tamil if Tamil language was not studied in school level <b>or</b> b) Special Tamil if Tamil language was studied upto 10 <sup>th</sup> & 12 <sup>th</sup> std.	Criminalities		2	2	3	25	75	100
	VI	NaanMudhalvan Scheme (NMS) @@	Digital Skills for Employability – Microsoft Digital Skills		-	2	3	25	75	100
	<b>TOTAL</b>				<b>30</b>	<b>27</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>800</b>
IV	I	Language Course –IV Tamil \$/Other Languages + #		6	3	3	25	75	100	
	II	English Course – IV		6	3	3	25	75	100	
	III	Core Course - IV (CC)	Cyber Crime and Cyber Law		5	5	3	25	75	100
		Core Practical - IV (CP)	Cyber Crime and Cyber Law Lab		4	4	3	40	60	100
		Second Allied Practical – (AP)			3	2	3	40	60	100
		Second Allied Course – II (AC)			4	4	3	25	75	100
	IV	Non-Major Elective II @ - Those who choose Tamil in Part I can choose a non-major elective course offered by other departments. Those who do not choose Tamil in Part I must choose either a) Basic Tamil if Tamil language was not studied in school level <b>or</b> b) Special Tamil if Tamil language was studied upto 10 <sup>th</sup> & 12 <sup>th</sup> std.	Questioned Document Analysis		2	2	3	25	75	100
	VI	NaanMudhalvan Scheme (NMS) @@	Digital Marketing		-	2	3	25	75	100
	<b>TOTAL</b>				<b>30</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>800</b>

V	III	Core Course - V (CC)	Forensic Physics and Ballistics	5	5	3	25	75	100
		Core Course – VI (CC)	Instrumentation	5	5	3	25	75	100
		Core Course – VII (CC)	Forensic Medicine and Toxicology	5	5	3	25	75	100
		Core Practical -V (CP)	Forensic Medicine and Toxicology Lab	4	4	3	40	60	100
		Major Based Elective – I (Any one)	1. Forensic Anthropology 2. Wildlife Forensic	5	4	3	25	75	100
	IV	Skill Based Elective I	Advanced Forensic Psychology	4	2	3	25	75	100
		Soft Skills Development		2	2	3	25	75	100
	VI	NaanMudhalvan Scheme (NMS) @@	Employability Skills	-	2	3	25	75	100
	<b>TOTAL</b>				<b>30</b>	<b>29</b>	<b>-</b>	<b>-</b>	<b>-</b>
VI	III	Core Course - VIII (CC)	Fingerprints and Questioned Documents	6	5	3	25	75	100
		Core Course - IX (CC)	Forensic Biology and Serology	6	5	3	25	75	100
		Core Practical – VI (CP)	Forensic Biology and Serology Lab	4	4	3	40	60	100
		Major Based Elective – II (Any one)	1. Economic Offences 2. Basics of Forensic Psychology	5	4	3	25	75	100
		Project		4	3	-	20	80	100
	IV	Skill Based Elective – II	Accident Investigation	4	2	3	25	75	100
	V	Gender Studies		1	1	3	25	75	100
		Extension Activities **		-	1	-	-	-	-
<b>TOTAL</b>				<b>30</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>700</b>
<b>GRAND TOTAL</b>				<b>180</b>	<b>156</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4600</b>

### List of Allied Courses

#### Allied Course I (1<sup>st</sup> Year)

Botany / Physics

#### Allied Course II (2<sup>nd</sup> Year)

Chemistry / Computer Science

\$ForthosewhostudiedTamilupto10<sup>th</sup>+2(RegularStream).

+Syllabusfor otherLanguagesshouldbeonparwithTamilatdegreelevel.

#ThosewhostudiedTamilupto10<sup>th</sup>+2butoptforotherlanguagesindegreelevel underPart-I shouldstudyspecialTamilinPart – IV.

## The Professional English – Four Streams Course is offered in the 2<sup>nd</sup> and 3<sup>rd</sup> Semester (only for 2022-2023 Batch) 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. (As per G.O. No. 76, Higher Education (K2) Department dated: 18.07.2020).

\* The Extra 6 hrs / cycle as per the G.O. 76/2020 will be utilized for the Add on Professional English Course.

@ 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.

\*\*ExtensionActivitiesshallbeoutsideinstructionhours.

@@ NaanMudhalvan Scheme.

## SUMMARY OF CURRICULUM STRUCTURE OF UG PROGRAMMES

Sl. No.	Part	Types of the Courses	No. of Courses	No. of Credits	Marks
1.	I	Language Courses	4	12	400
2.	II	English Courses	4	12	400
3.	III	Core Courses	8	40	800
4.		Core Practical	7	29	700
5.		Allied Courses I & II	4	16	400
6.		Allied Practical	2	4	200
7.		Major Based Elective Courses	2	8	200
8.		Add on Courses	2	8	200
9.		Project	1	3	100
10.	IV	Non-Major Elective Courses (Practical)	2	4	200
11.		Skill Based Elective Courses	2	4	200
12.		Soft Skills Development	1	2	100
13.		Value Education	1	2	100
14.		Environmental Studies	1	2	100
15.	V	Gender Studies	1	1	100
16.		Extension Activities	1	1	0
17.	VI	NaanMudhalvan Scheme	4	8	400
<b>Total</b>			<b>47</b>	<b>156</b>	<b>4600</b>

### PROGRAM OBJECTIVES:

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

### PROGRAM OUTCOME:

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

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