

# School of Science Department of Forensic Science NEP 2020 - Course Structure

Program: Bachelor of Science (Forensic Science) Semester – I (Level 4.5)

(Forensic Science) (Honours. / Honours. with Research)

Batch: AY 25-26 onwards

Sr.				5	each Sche rs./V		)	Ex	kaminati	on Scheme	;	— Total
No.	Core	Course Code	e Course Name	L	Т	P	C		native sment	Sumn Assess ESI	sment	Marks
								Course	Lab	Course	Lab	
MA.	JOR (M	[ANDATOR]	Y + ELECTIVES)									
1	Major	NYFS10	Introduction to Forensic Science	3	-	-	3	50		100		100
2	Major	r NYFS102	2 Crime Scene Management	3	-	-	3	50		100		100
MIN	OR: N	A										
0	. El4°	(OE)*		NA								
	Manda	ves (OE)*			T							
3	ory	NCAO	Open Elective I	4			4	50		100		100
Voca	tional	and Skill Enl	nancement (VSEC)									
4	VSC	NYFS111	Introduction to Forensic Science Laboratory			4	2		50		50	100
5	SEC	NYFS112	Forensic Photography and Videography			4	2	-	50		50	100
Abil	ity/Valu	ie Education	Courses/ Indian Knowledge Sy	stem	(AE	C/V	EC/I	IKS)*		1		
6	AEC		Ability Enhancement Course - I		-	4	2		50		50	100
7	VEC		Value Education Course - I			4	2		50		50	100
8	IKS	_	Indian Knowledge System - I			4	2		50		50	100
OJT	/FP/CE	P/CC/RP										
9	СС		Co - curricular Course - I			4	2	_	50		50	100
	1	'	Total	10		24	22	150	300	300	300	900

CIA: Continuous Internal	OJT – On Job Training	CIA	Weightage	Description
Assessment	FP – Field Project CEP – Community Engagement	CIA 1	10%	Home Assignment
ESE: End Semester Theory	Project	CIA 2	20%	Mid-Term Exam (MTE)
Exam.	CC – Curricular Course RP – Research Project	CIA 3	10%	Activity/Project and research based learning along with
L: Theory Lecture,	* - Refer University Notification		•	seminar presentation
T: Tutorial,	AEC: Ability Enhancement			Behavioural Attitude +General
P: Practical	Course VEC: Value Education Course	CIA 4	10%	Discipline Theory +Practical attendance
	IKS: Indian Knowledge System	CIA TOTAL	50%	
	Written Examination – End Ser	nester Exam (ESE)	50%	]
		TOTAL	100%	



### **NEP 2020 - Course Structure**

(Honours. /Honours. with Research)

Batch: AY 25-26 onwards

Program: Bachelor of Science (Forensic Science) Semester – II (Level 4.5)

		Course		s	each Schei rs./W	me	:)	Examination Scheme				Total
Sr. No.	Core	Code	Course Name	L	Т	P	C	Formative Assessment CIA		Summative Assessment ESE		Marks
								Course	Lab	Course	Lab	
MAJ	OR (M	ANDATO	RY + ELECTIVES)									
1	Major	NYFS201	Basics of Forensic Chemistry	3	-	-	3	50		100		100
2	Major	NYFS202	Basics of Forensic Biology	3	-	-	3	50		100		100
	•		N	IINO	R							
3	Minor	NYCHM-	Minor - I	2			2	50		100		100
			Open E	lectiv	es (C	)E)*	ŧ					
4	Mai	ndatory	Open Elective - II	4			4	50		100		100
			Vocational and Ski	ill En	han	cem	ent (	VSEC)				
5	SEC	NYFS211	Basics of Forensic Chemistry Laboratory			4	2		50		50	100
6	VSC	NYFS212	Basic of Forensic Biology Laboratory			4	2		50		50	100
		Ab	ility/Value Education Courses/ In	dian	Kno	wle	dge	System(A	EC/VEC	/IKS)*		
7	AEC		Ability Enhancement Course - II			4	2		50		50	100
8	VEC		Value Education Course - II			4	2		50		50	100
		P/CC/RP								1		
9	CC		Co - curricular Course - II			4	2		50		50	100
			TOTAL	12	-	20	22	200	250	400	250	900

CIA: Continuous Internal	OJT – On Job Training FP – Field Project	CIA	Weightage	Description
Assessment	CEP – Community Engagement	CIA 1	10%	Home Assignment
ESE: End Semester Theory	Project Engagement	CIA 2	20%	Mid-Term Exam (MTE)
Exam. L: Theory Lecture,	CC – Curricular Course RP – Research Project	CIA 3	10%	Activity/Project and research based learning along with seminar presentation
T: Tutorial,	* - Refer University Notification AEC: Ability Enhancement Course	CIA 4	10%	Behavioural Attitude +General Discipline
P: Practical	VEC: Value Education Course	0111	1070	Theory +Practical attendance
	IKS: Indian Knowledge System	CIA TOTAL	50%	
	Written Examination – End Ser	nester Exam (ESE)	50%	
		TOTAL	100%	

**Exit Option:** Award of UG certificate in Major with 44 credits and additional 4 credits of Internship or Continue with Major and Minor.

BOS Chairperson Dean SoS Associate Dean Academics

Registrar SUN



### **NEP 2020 - Course Structure**

Program: Bachelor of Science (Forensic Science) (Honours./Honours. with Research)
Semester – III (Level 5.0) Batch: AY 24-25 onwards

		C		S	each Schei	me	)	E	xaminati	on Scheme	e	Total
Sr. No.	Core	Course Code	Course Name	L	Т	P	С		native ssment		native sment E	Marks
								Course	Lab	Course	Lab	
MAJ	OR (M	ANDATO	RY + ELECTIVES)									
1	Major	NYFS301	Forensic Dermatoglyphics	4	-	-	4	50		100		100
2	Major	NYFS302	Criminology and Psychology	4	-	1	4	50		100		100
			N	1INO	R							
3	Minor		Minor - II	4		-	4	50		100		100
Oper	ı Electi	ves (OE)*										
4	Mand	atory	Open Elective - III	2		1	2	50	ı	100	-	100
Voca	tional S	Skill Cours	e (VSC)									
5	VSC	NYFS311	Forensic Dermatoglyphics Laboratory			4	2		50		50	100
Abili	ity/Valu	e Educatio	on Courses/ Indian Knowledge Sys	stem	(AE	C/VI	EC/I	IKS)*				
6	AEC		Ability Enhancement Course - III			4	2		50		50	100
OJT	/FP/CE	P/CC/RP										
7	FP	NYFS312	Field Project			4	2		50		50	100
8	СС		Co - curricular Course - III			4	2		50		50	100
			TOTAL	14	-	16	22	200	200	400	200	800

CIA: Continuous Internal	OJT – On Job Training FP – Field Project	CIA	Weightage	Description
Assessment	CEP – Community Engagement	CIA 1	10%	Home Assignment
ESE: End Semester Theory	Project Engagement	CIA 2	20%	Mid-Term Exam (MTE)
Exam. L: Theory Lecture,	CC – Curricular Course RP – Research Project * - Refer University Notification	CIA 3	10%	Activity/Project and research based learning along with seminar presentation
T: Tutorial, P: Practical	AEC: Ability Enhancement Course VEC: Value Education Course	CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance
	IKS: Indian Knowledge System	CIA TOTAL	50%	-
	Written Examination – End Ser	nester Exam (ESE)	50%	
		TOTAL	100%	



**NEP 2020 - Course Structure** 

(Honours./Honours. with Research)

Batch: AY 24-25 onwards

Program: Bachelor of Science (Forensic Science) Semester – IV (Level 5.0)

C		C		S	each	me	)	Examination Scheme  Formative Summative				Total
Sr. No.	Core	Course Code	Course Name	L	Т	P	C		ssment		sment	Marks
								Course	Lab	Course	Lab	
MAJ	OR (M	ANDATO	RY + ELECTIVES)									
1	Major	NYFS401	Forensic Medicine and Anthropology	4	-	-	4	50		100		100
2	Major	NYFS402	Digital Forensic - I	4	-	-	4	50		100		100
MIN	OR									l.		
3	Minor	NY	Minor - III	4			4	50		100		100
Oper	Electi	ves (OE)*										
4	Mai	ndatory	Open Elective - IV	2			2	50		100		100
Skil	l Enha	ncement C	ourse (SEC)									
5	SEC	NYFS411	Forensic Medicine and Anthropology Laboratory			4	2		50		50	100
Abili	ty/Valu	e Educatio	on Courses/ Indian Knowledge Sys	stem	(AE	C/ <b>V</b> ]	EC/I	IKS)*				
6	AEC		Ability Enhancement Course - IV		-	4	2		50		50	100
OJT	FP/CE	P/CC/RP		_		<u> </u>	·				'	
7	СЕР	NYFS412	Community Engagement Programme			4	2		50		50	100
8	CC		Co - curricular Course - IV			4	2		50		50	100
			TOTAL	14	-	16	22	200	200	400	200	800

CIA: Continuous Internal	OJT – On Job Training	CIA	Weightage	Description
Assessment	FP – Field Project CEP – Community Engagement	CIA 1	10%	Home Assignment
ESE: End Semester Theory	Project Engagement	CIA 2	20%	Mid-Term Exam (MTE)
Exam. L: Theory Lecture,	CC – Curricular Course RP – Research Project * - Refer University Notification	CIA 3	10%	Activity/Project and research based learning along with seminar presentation
T: Tutorial, P: Practical	AEC: Ability Enhancement Course VEC: Value Education Course	CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance
	IKS: Indian Knowledge System	CIA TOTAL	50%	
	Written Examination – End Ser	nester Exam (ESE)	50%	]
		TOTAL	100%	

Exit Option: Award of UG Diploma in Major and Minor with 88 credits and additional 4 credits core NSQF Course / Internship or Continue with Major and Minor

BOS Chairperson

Dean SoS Associate Dean Academics

Registrar SUN



# School of Science Department of Forensic Science NEP 2020 - Course Structure

Program: Bachelor of Science (Forensic Science) Semester – V (Level 5.5) (Honours./Honours. with Research) **Batch: AY 23-24 onwards** 

				5	each Scheirs./W	me	·)	E	xaminati	ion Scheme	:	Total Marks
Sr. No.	Core	Course Code	Course Name	L	Т	P	С	Asses		Asses		
	00.0513	in a monta						Course	Lab	Course	Lab	
MAJ	OR (MAN	DATORY	+ ELECTIVES)							1		
1	Major	NYFS501	Fundamentals of Questioned Document Examination	2	-	-	2	50		50		100
2	Major	NYFS502	Analytical Techniques in Forensics	3	-	-	3	50		50		100
3	Major	NYFS503	Digital Forensics	3	-	-	3	50		50		100
4	Major	NYFS511	Analytical Techniques in Forensics Laboratory	-	-	2	1		50		50	100
5	Major	NYFS514	Digital Forensics Laboratory	-	-	2	1		50		50	100
Majo	r Elective	- I										
6	NY	FSE	Major Elective - I	4	-	-	4	50	-	50	-	100
Mino	r									1		
7	Minor	NYCHM-	Minor - IV	4			4	50		50		100
Abilit	ty/Value F	Education C	Courses/ Indian Knowledge Syst	em (A	AEC	/VE	C/Ik	(S)*				
8	AEC		Ability Enhancement Course -V			4	2		50		50	100
Vocat	tional Skil	ll Courses (	VSC)									
9	VSC	NYFS512	Questioned Document Examination Laboratory	-	-	4	2		50		50	100
FP/C			,									
10	FP / CEP	NYFS513	Community Engagement Programme	1		4	2		50		50	100
		Т	OTAL	16	-	16	24	200	150	200	150	700

CIA: Continuous	OJT – On Job Training	CIA	Weightage	Description
Internal Assessment	FP – Field Project CEP – Community Engagement	CIA 1	10%	Home Assignment
ESE: End Semester	Project Project	CIA 2	20%	Mid-Term Exam (MTE)
Theory Exam.  L: Theory Lecture,	CC – Curricular Course RP – Research Project	CIA 3	10%	Activity/Project and research based learning along with seminar presentation
T: Tutorial,	* - Refer University Notification AEC: Ability Enhancement Course	CIA 4	10%	Behavioural Attitude +General Discipline
P: Practical	VEC: Value Education Course IKS: Indian Knowledge System			Theory +Practical attendance
		CIA TOTAL	50%	
	Written Examination - End Se	mester Exam (ESE)	50%	
		TOTAL	100%	]

# School of Science Department of Forensic Science NEP 2020 - Course Structure

Program: Bachelor of Science (Forensic Science) Semester – VI (Level 5.5)

(Honours/Honours. with Research) **Batch:** AY 23-24 onwards

				\$	each Sche rs./V		<b>:</b> )	E	xamina	tion Schem	Takal	
Sr. No.	Core	Course Code	Course Name	L	Т	P	C		native ssment	~	mative ssment SE	Total Marks
								Course	Lab	Course	Lab	
MAJ	OR (MAI	NDATORY	+ ELECTIVES)									
1	Major	NYFS601	Forensic Toxicology	4	-	-	4	50		100		100
2	Major	NYFS602	Forensic Physics and Ballistics	4	-	-	4	50	I	100		100
3	Major	NYFS611	Forensic Toxicology Laboratory	-	-	2	1	-	50		50	100
4	Major	NYFS612	Forensic Physics and Ballistics Laboratory	-	-	2	1		50		50	100
Majo	r Elective	- II	-									
5	NY	FSE	Major Elective - II	4	-	-	4	50	-	100	-	100
Mino	r											
6	Minor	NYCHM	Minor - V	4			4	50	1	100		100
Abili	ty/Value l	Education (	Courses/ Indian Knowledge Sys	tem (	AE(	C/VE	EC/I	KS)*				
7	AEC		Ability Enhancement Course - VI	-		4	2		50		50	100
OJT	(On Job	Training)								'		
8	OJT	NYFS613	On Job Training	1		8	4		50		50	100
		Т	OTAL	16	-	16	24	200	150	400	150	700
CL	: Continuo	ous Internal	OJT – On Job Training			ar.						
Ass	essment		FP – Field Project			CIA		Weigh			scription	
ESI		Semester	CEP – Community Engagement Project	-		CIA 1 CIA 2		200		Home Mid-Tern	Assignm	
	ory Exam.		CC – Curricular Course			1171 2		20.	/ 0	Activity/Pro		,
	Theory Lect	ure.	RP – Research Project		C	CIA 3		109	%	based lear	ning alon	g with
	Futorial.	,	* - Refer University Notification AEC: Ability Enhancement Course						-		r presenta	
1 1:	ı utorial,		ALC. Admity Emiancement Course					1		Behavioural	Attitude	+General

Exit Option: Award of UG Degree in Major with 132 credits or Continue with Major and Minor

Written Examination - End Semester Exam (ESE)

BOS Chairperson

P: Practical

Dean SoS

VEC: Value Education Course

IKS: Indian Knowledge System

Associate Dean Academics

CIA 4

CIA TOTAL

TOTAL

10%

50%

50%

100%

Registrar SUN

Discipline

Theory +Practical attendance



### **NEP 2020 - Course Structure**

Program: Bachelor of Science (Forensic Science) Semester – VII (Level 6.0) (UG Honours) **Batch: AY 23-24 onwards** 

		Course		S	each Schei	ne	<b>:</b> )	E	e	Total		
Sr. No.	Core	Course Code	Course Name	L	Т	P	C		native ssment A		mative sment E	Marks
								Course	Lab	Course	Lab	
MAJ	OR (MA	NDATORY	( + ELECTIVES)									
1	Major	NYFS701	Forensic Statistics and Multimedia Forensic	4	-	-	4	50	-	100		100
2	Major	NYFS702	Forensic Psychology	4	-	-	4	50		100	1	100
3	Major	NYFS703	Forensic Biochemistry	4	-	-	4	50	-	100	-	100
4	Major	NYFS711	Forensic Statistics and Multimedia Forensic Laboratory	-	-	2	1	-	50	-	50	100
5	Major	NYFS712	Forensic Psychology Laboratory	-	-	2	1	-	50	-	50	100
Majo	r Electiv	e - III										
6	NY	FSE-	Major Elective - III	4	-	-	4	50	-	100	-	100
Mino	r											
7	Minor	17RDP101	Research Methodology	4			4	50		100		100
		<u>'</u>	TOTAL	20	-	4	22	250	100	250	100	700

CIA: Continuous Internal Assessment	OJT – On Job Training FP – Field Project	CIA	Weightage	Description			
ESE: End Semester	CEP – Community Engagement Project	CIA 1	10%	Home Assignment			
	CC – Curricular Course	CIA 2	20%	Mid-Term Exam (MTE)			
Theory Exam.  L: Theory Lecture,  T: Tutorial,	RP – Research Project  * - Refer University Notification AEC: Ability Enhancement Course VEC: Value Education Course IKS: Indian Knowledge System	CIA 3	10%	Activity/Project and research based learning along with seminar presentation			
P: Practical		CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance			
		CIA TOTAL	50%				
	Written Examination – End Ser	mester Exam (ESE)	50%	]			
		TOTAL	100%	]			



### **NEP 2020 - Course Structure**

Program: Bachelor of Science (Forensic Science) Semester – VIII (Level 6.0) (UG Honours) **Batch: AY 23-24 onwards** 

					each Sche rs./V		:)	Examination Scheme				Total
Sr. No.	Core	Course Code	Course Name	L	Т	P	C	Asses	Formative Assessment CIA		Summative Assessment ESE	
								Course	Lab	Course	Lab	
MAJ	MAJOR (MANDATORY + ELECTIVES)											
1	Major	NYFS801	Wildlife Forensics	4	-	-	4	50		100		100
2	Major	NYFS802	Trace Evidence Analysis	4	-	-	4	50		100		100
3	Major	NYFS803	Forensic Accounting	4	-	-	4	50	ı	100	-	100
4	Major	NYFS811	Wildlife Forensics Laboratory	-	-	2	1	-	50	-	50	100
4	Major	NYFS812	Trace Evidence Analysis Laboratory	-	-	2	1	-	50	-	50	100
Majo	Major Elective - IV											
5	NYF	SE	Major Elective - IV	4	-	-	4	50	-	100	-	100
On J	ob Traini	ng										
6	OJT	NYFS813	On Job Training	-		8	4		50		50	100
			TOTAL	16	-	12	22	200	150	400	150	700

CIA: Continuous	OJT – On Job Training FP – Field Project	CIA	Weightage	Description
Internal Assessment	CEP – Community Engagement	CIA 1	10%	Home Assignment
ESE: End Semester	Project	CIA 2	20%	Mid-Term Exam (MTE)
Theory Exam. L: Theory Lecture,	CC – Curricular Course RP – Research Project * - Refer University Notification	CIA 3	10%	Activity/Project and research based learning along with seminar presentation
T: Tutorial, P: Practical	AEC: Ability Enhancement Course VEC: Value Education Course IKS: Indian Knowledge System	CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance
		CIA TOTAL	50%	
	Written Examination – End Sen		50%	
		TOTAL	100%	



### **NEP 2020 - Course Structure**

Program: Bachelor of Science (Forensic Science) (UG Honours with Research)
Semester – VII (Level 6.0) Batch: AY 23-24 onwards

				Teaching Scheme (Hrs./Week)				Examination Scheme				
Sr. No.	Core	Course Code	Course Name	L	Т	P	C		native ssment A		mative ssment E	Total Marks
								Course	Lab	Course	Lab	
MAJ	MAJOR (MANDATORY + ELECTIVES)											
1	Major	NYFS701	Forensic Statistics and Multimedia Forensic	4	-	-	4	50		100		100
2	Major	NYFS702	Forensic Psychology	4	-	-	4	50		100		100
4	Major	NYFS711	Forensic Psychology Laboratory	-	-	2	1	-	50	-	50	100
5	Major	NYFS712	Forensic Statistics and Multimedia Forensic Laboratory	-	-	2	1	-	50	-	50	100
Majo	r Electiv	e - III			<u> </u>					I.		
5	NY	FSE	Major Elective - III	4	-	-	4	50	-	100	-	100
Mino	Minor											
6	Minor	17RDP101	Research Methodology	4			4	50		100		100
Resea	arch Proje	ect										
7	RP	NYFS713	Research Project Stage I			8	4		50		50	100
		T	OTAL	16	-	12	22	200	150	400	150	700

CIA: Continuous Internal	8		Weightage	Description		
Assessment	FP – Field Project CEP – Community Engagement	CIA 1	10%	Home Assignment		
ESE: End Semester	Project Project	CIA 2	20%	Mid-Term Exam (MTE)		
Theory Exam. L: Theory Lecture,	y Exam. CC – Curricular Course  RP – Research Project		10%	Activity/Project and research based learning along with seminar presentation		
T: Tutorial, P: Practical	AEC: Ability Enhancement Course VEC: Value Education Course IKS: Indian Knowledge System	CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance		
		CIA TOTAL	50%			
	mester Exam (ESE)	50%				
	TOTAL	100%				



### **NEP 2020 - Course Structure**

Program: Bachelor of Science (Forensic Science) Semester – VIII (Level 6.0)

		`	,									
				Teaching Scheme (Hrs./Week)				Examination Scheme				
Sr. No.	Core	Course Code	Course Name	L	Т	P	С		native ssment A		mative sment E	Total Marks
								Course	Lab	Course	Lab	
MAJ	OR (MAI	NDATO	RY + ELECTIVES)									
1	Major	NYFS80	Wildlife Forensics	4	-	-	4	50		100		100
2	Major	NYFS80	Trace Evidence Analysis	4	-	-	4	50	-	100		100
3	Major	NYFS8	Wildlife Forensics Laboratory	-	-	2	1	-	50	-	50	100
4	Major	NYFS8	12 Evidence Analysis Laboratory	-	-	2	1	-	50	-	50	100
Majo	r Elective	e - IV										
4	NYF	SE	Major Elective - IV	4	-	-	4	50	-	100	-	100
Resea	arch Proj	ect										
5	RP	NYFS81	Research Project Stage II	-		16	8	-	50		50	100
			TOTAL	12	-	20	22	150	150	300	150	600
CIA	: Continuou	ıs	OJT – On Job Training	CI	Ι.Α.			Weightage		D:		
Inter	nal Assessr	ment	FP – Field Project						age	Description		
ı	: End Seme	ester	CEP – Community Engagement		A 1 A 2			10%		Home Assignment Mid-Term Exam (MTE)		
1	ory Exam. heory Lectu	ıre	Project CC – Curricular Course		1114			2070		Activity/Proj		

CIA: Continuous Internal Assessment	OJT – On Job Training FP – Field Project	CIA	Weightage	Description
ESE: End Semester	CEP – Community Engagement	CIA 1	10%	Home Assignment
Theory Exam.	Project	CIA 2	20%	Mid-Term Exam (MTE)
L: Theory Lecture,	CC – Curricular Course			Activity/Project and research
T: Tutorial,	RP – Research Project	CIA 3	10%	based learning along with
P: Practical	* - Refer University Notification			seminar presentation
	AEC: Ability Enhancement Course			Behavioural Attitude +General
	VEC: Value Education Course	CIA 4	10%	Discipline
	IKS: Indian Knowledge System			Theory +Practical attendance
		CIA TOTAL	50%	
Written Examination –	Written Examination – End Semester Exam (ESE)			
		TOTAL	100%	7

(UG Honours with Research)

Batch: AY 23-24 onwards