

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

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

(Honours. / Honours. with Research)
Batch: AY 25-26 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
MAJOR (MANDATORY + ELECTIVES)												
1	Major	NYFS101	Introduction to Forensic Science	3	-	-	3	50	--	100	--	100
2	Major	NYFS102	Crime Scene Management	3	-	-	3	50	--	100	--	100
MINOR: NA												
NA												
Open Electives (OE)*												
3	Mandatory	NCAO--	Open Elective I	4	--	--	4	50	--	100	--	100
Vocational and Skill Enhancement (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
Ability/Value Education Courses/ Indian Knowledge System(AEC/VEC/IKS)*												
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/CEP/CC/RP												
9	CC		Co - curricular Course - I	--	--	4	2		50		50	100
Total				10		24	22	150	300	300	300	900

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

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

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

(Honours. /Honours. with Research)
Batch: AY 25-26 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
MAJOR (MANDATORY + 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
MINOR												
3	Minor	NYCHM-	Minor - I	2	--		2	50	--	100	--	100
Open Electives (OE)*												
4	Mandatory		Open Elective - II	4	--		4	50	--	100	--	100
Vocational and Skill Enhancement (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
Ability/Value Education Courses/ Indian Knowledge System(AEC/VEC/IKS)*												
7	AEC		Ability Enhancement Course - II	--	--	4	2	--	50	--	50	100
8	VEC		Value Education Course - II	--	--	4	2	--	50	--	50	100
OJT/FP/CEP/CC/RP												
9	CC		Co - curricular Course - II	--	--	4	2	--	50	--	50	100
TOTAL				12	-	20	22	200	250	400	250	900

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

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Department of Forensic Science
NEP 2020 - Course Structure

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

(Honours./Honours. with Research)
Batch: AY 24-25 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
MAJOR (MANDATORY + ELECTIVES)												
1	Major	NYFS301	Forensic Dermatoglyphics	4	-	-	4	50	--	100	--	100
2	Major	NYFS302	Criminology and Psychology	4	-	-	4	50	--	100	--	100
MINOR												
3	Minor		Minor - II	4	--	-	4	50	--	100	--	100
Open Electives (OE)*												
4	Mandatory		Open Elective - III	2	--	-	2	50	--	100	--	100
Vocational Skill Course (VSC)												
5	VSC	NYFS311	Forensic Dermatoglyphics Laboratory	--	--	4	2	--	50	--	50	100
Ability/Value Education Courses/ Indian Knowledge System (AEC/VEC/IKS)*												
6	AEC		Ability Enhancement Course - III	--	--	4	2	--	50	--	50	100
OJT/FP/CEP/CC/RP												
7	FP	NYFS312	Field Project	--	--	4	2	--	50	--	50	100
8	CC		Co - curricular Course - III	--	--	4	2	--	50	--	50	100
TOTAL				14	-	16	22	200	200	400	200	800

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

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

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

(Honours./Honours. with Research)
Batch: AY 24-25 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
MAJOR (MANDATORY + ELECTIVES)												
1	Major	NYFS401	Forensic Medicine and Anthropology	4	-	-	4	50	--	100	--	100
2	Major	NYFS402	Digital Forensic - I	4	-	-	4	50	--	100	--	100
MINOR												
3	Minor	NY----	Minor - III	4	--		4	50	--	100	--	100
Open Electives (OE)*												
4	Mandatory		Open Elective - IV	2	--		2	50	--	100	--	100
Skill Enhancement Course (SEC)												
5	SEC	NYFS411	Forensic Medicine and Anthropology Laboratory	--	--	4	2	--	50	--	50	100
Ability/Value Education Courses/ Indian Knowledge System (AEC/VEC/IKS)*												
6	AEC		Ability Enhancement Course - IV	--	-	4	2	--	50	--	50	100
OJT/FP/CEP/CC/RP												
7	CEP	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 Assessment ESE: End Semester Theory Exam. L: Theory Lecture, T: Tutorial, P: Practical	OJT – On Job Training FP – Field Project CEP – Community Engagement Project CC – Curricular Course RP – Research Project * - Refer University Notification AEC: Ability Enhancement Course VEC: Value Education Course IKS: Indian Knowledge System	CIA	Weightage	Description
		CIA 1	10%	Home Assignment
		CIA 2	20%	Mid-Term Exam (MTE)
		CIA 3	10%	Activity/Project and research based learning along with seminar presentation
		CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance
		CIA TOTAL	50%	
		Written Examination – End Semester 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

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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

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
MAJOR (MANDATORY + ELECTIVES)												
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
Major Elective - I												
6	NYFSE--		Major Elective - I	4	-	-	4	50	-	50	-	100
Minor												
7	Minor	NYCHM-	Minor - IV	4	--		4	50	--	50	--	100
Ability/Value Education Courses/ Indian Knowledge System (AEC/VEC/IKS)*												
8	AEC		Ability Enhancement Course -V	--	--	4	2	--	50	--	50	100
Vocational Skill Courses (VSC)												
9	VSC	NYFS512	Questioned Document Examination Laboratory	-	-	4	2	--	50	--	50	100
FP/CEP												
10	FP / CEP	NYFS513	Community Engagement Programme	--	--	4	2	--	50	--	50	100
TOTAL				16	-	16	24	200	150	200	150	700

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

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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

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
MAJOR (MANDATORY + ELECTIVES)												
1	Major	NYFS601	Forensic Toxicology	4	-	-	4	50	--	100	--	100
2	Major	NYFS602	Forensic Physics and Ballistics	4	-	-	4	50	--	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
Major Elective - II												
5	NYFSE--		Major Elective - II	4	-	-	4	50	-	100	-	100
Minor												
6	Minor	NYCHM--	Minor - V	4	--		4	50	--	100	--	100
Ability/Value Education Courses/ Indian Knowledge System (AEC/VEC/IKS)*												
7	AEC		Ability Enhancement Course - VI	--	--	4	2	--	50	--	50	100
OJT (On Job Training)												
8	OJT	NYFS613	On Job Training	--	--	8	4	--	50	--	50	100
TOTAL				16	-	16	24	200	150	400	150	700

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

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

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

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

(UG Honours)
Batch: AY 23-24 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
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
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
Major Elective - III												
6	NYFSE-		Major Elective - III	4	-	-	4	50	-	100	-	100
Minor												
7	Minor	17RDP101	Research Methodology	4	--		4	50	--	100	--	100
TOTAL				20	-	4	22	250	100	250	100	700

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

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

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

(UG Honours)
Batch: AY 23-24 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
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	-	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
Major Elective - IV												
5	NYFSE.....		Major Elective - IV	4	-	-	4	50	-	100	-	100
On Job Training												
6	OJT	NYFS813	On Job Training	-	--	8	4	--	50	--	50	100
TOTAL				16	-	12	22	200	150	400	150	700

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

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

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

(UG Honours with Research)
Batch: AY 23-24 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
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
Major Elective - III												
5	NYFSE...		Major Elective - III	4	-	-	4	50	-	100	-	100
Minor												
6	Minor	17RDP101	Research Methodology	4	--		4	50	--	100	--	100
Research Project												
7	RP	NYFS713	Research Project Stage I	--	--	8	4		50		50	100
TOTAL				16	-	12	22	200	150	400	150	700

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

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

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

(UG Honours with Research)
Batch: AY 23-24 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
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	NYFS811	Wildlife Forensics Laboratory	-	-	2	1	-	50	-	50	100
4	Major	NYFS812	Evidence Analysis Laboratory	-	-	2	1	-	50	-	50	100
Major Elective - IV												
4	NYFSE...		Major Elective - IV	4	-	-	4	50	-	100	-	100
Research Project												
5	RP	NYFS813	Research Project Stage II	-	--	16	8	-	50	--	50	100
TOTAL				12	-	20	22	150	150	300	150	600

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

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