

**B. Sc. Hons. with research Forensic Science with specialization in
Forensic Toxicology and Explosives 4 yr**

<u>SEMESTER I</u>					
Category of Course	Subject	L	T	P	Credits
Discipline Core Course 1	Introduction to Forensic Science	3	0	1	4
Discipline Core Course 2	Crime Scene Management	3	0	1	4
Multi Disciplinary Course 1	Physical and Chemical Analytical Techniques	4	0	0	4
Generic Electives - 1 /Minor-1	One from the List of choices				4
Ability Enhancement course-1	One from the List of choices				2
Skill Enhancement course-1	One from the List of choices				2
Value Added Course-1	One from the List of choices				2
<u>TOTAL</u>		<u>22</u>			
<u>SEMESTER II</u>					
Category of Course	Subject	L	T	P	Credits
Discipline Core Course 3	Trace Evidence and Tool-Mark Analysis	3	0	1	4
Discipline Core Course 4	Police Science and Justice System	4	0	0	4
Multi-Disciplinary Course 2	Biological-Analytical Techniques	4	0	0	4
Generic Electives - 2 /Minor-2	One from the List of choices				4
Ability Enhancement course-2	One from the List of choices				2
Skill Enhancement course-2	One from the List of choices				2
Value Added Course-2	One from the List of choices				2
<u>TOTAL</u>		<u>22</u>			

<u>SEMESTER III</u>						
Category of Course	Subject	L	T	P	Credits	
Discipline Core Course 5	Forensic Chemistry and Explosives	3	0	1	4	
Discipline Core Course 6	Toxicology	3	0	1	4	
Discipline Core Course 7	Fingerprints	3	0	1	4	
Generic Electives - 3 /Minor-3	One from the List of choices				4	
Ability Enhancement course-3	One from the List of choices				2	
Skill Enhancement course- 3	One from the List of choices				2	
Value Added Course-3	NSS/NCC/Social internship	0	0	0	2	
<u>TOTAL</u>		<u>22</u>				
<u>SEMESTER IV</u>						
Category of Course	Subject	L	T	P	Credits	
Discipline Core Course 8	Forensic Serology and bloodstain pattern analysis	3	0	1	4	
Discipline Core Course 9	DNA Profiling	3	0	1	4	
Discipline Core Course 10	Basics of forensic psychology	3	0	1	4	
Generic Electives - 4 /Minor-4	One from the List of choices				4	
Ability Enhancement course-4	One from the List of choices				2	
Skill Enhancement course- 4	One from the List of choices				2	
Multi-Disciplinary Course 3	Research Methodology and Ethics	2	0	0	2	
<u>TOTAL</u>		<u>22</u>				

<u>SEMESTER V</u>						
Category of Course	Subject	L	T	P	Credits	
Discipline Core Course 11	Handwriting and Signature Examination	3	0	1	4	
Discipline Core Course 12	Forensic Anthropology and Botanical Evidences	3	0	1	4	
Discipline Core Course 13	Digital and Mobile Forensics	3	0	1	4	
Discipline Specific Elective-1	Specialization elective	3	0	1	4	
Generic Electives - 5 /Minor-5	One from the List of choices				4	
Industrial/Academic Internship					2	
<u>TOTAL</u>		<u>22</u>				
<u>SEMESTER VI</u>						
Category of Course	Subject	L	T	P	Credits	
Discipline Core Course 14	Basics of Firearms and Its Investigations	3	0	1	4	
Discipline Core Course 15	Forensic Medicine	4	0	0	4	
Discipline Specific Elective-2	Specialization elective	3	0	1	4	
Discipline Specific Elective-3	Specialization elective	3	0	1	4	
Generic Electives - 6 /Minor-6	One from the List of choices				4	
Skill Enhancement course-5	One from the List of choices				2	
<u>TOTAL</u>		<u>22</u>				

<u>SEMESTER VII</u>					
Category of Course	Subject	L	T	P	Credits
Discipline Specific Elective-4	Specialization elective	3	0	1	4
Discipline Specific Elective-5	Specialization elective	3	0	1	4
Discipline Specific Elective-6	Specialization elective	3	0	1	4

Generic Electives - 7 /Minor-7	One from the List of choices				4
Generic Electives - 8 /Minor-8	One from the List of choices				4
<u>TOTAL</u>		<u>20</u>			
<u>SEMESTER VIII</u>					
Category of Course	Subject	L	T	P	Credits
Dissertation	Dissertation	–	-	-	12
<u>TOTAL</u>		<u>12</u>			

<u>Forensic Toxicology and Explosives Specialization</u>					
Category of Course	Subject	L	T	P	Credits
Elective-1	Pharmacology of Poisons	3	0	1	4
Elective-2	Forensic Investigation of Explosives and Explosive Devices	3	0	1	4
Elective-3	Forensic Analysis of Drugs	3	0	1	4
Elective-4	Instrumentation Analysis in Forensic Chemistry and Toxicology	3	0	1	4
Elective-5	CBRN Forensics	3	0	1	4
Elective-6	Entomotoxicology	3	0	1	4