

**B. Sc. Hons. with research Forensic Science with specialization in  
Forensic Physics and Ballistics 4yr**

<u><b>SEMESTER I</b></u>					
<b>Category of Course</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
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><b>TOTAL</b></u>		<u><b>22</b></u>			
<u><b>SEMESTER II</b></u>					
<b>Category of Course</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
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><b>TOTAL</b></u>		<u><b>22</b></u>			

### **SEMESTER III**

<b>Category of Course</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
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
<b><u>TOTAL</u></b>		<b><u>22</u></b>			

### **SEMESTER IV**

<b>Category of Course</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
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
<b><u>TOTAL</u></b>		<b><u>22</u></b>			

<u><b>SEMESTER V</b></u>						
<b>Category of Course</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>	
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><b>TOTAL</b></u>		<u><b>22</b></u>				
<u><b>SEMESTER VI</b></u>						
<b>Category of Course</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>	
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><b>TOTAL</b></u>		<u><b>22</b></u>				

<u><b>SEMESTER VII</b></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><b>TOTAL</b></u>		<u><b>20</b></u>				
<u><b>SEMESTER VIII</b></u>						
Category of Course	Subject	L	T	P	Credits	
Dissertation	Dissertation	–	-	-	12	
<u><b>TOTAL</b></u>		<u><b>12</b></u>				

<b><u>Forensic Physics and Ballistics Specialization</u></b>					
<b>Category of Course</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
Elective-1	Essentials of Forensic Physics and Ballistics	3	0	1	4
Elective-2	Forensic Voice Authentication	3	0	1	4
Elective-3	Terminal Ballistics & Wound Ballistics	3	0	1	4
Elective-4	Forensic Video Analysis	3	0	1	4
Elective-5	Forensic Engineering	3	0	1	4
Elective-6	Radiographic Investigations in Forensic Science	3	0	1	4