

Sant Gadge Baba Amravati University, Amravati

FACULTY: Science and Technology

Scheme of Teaching, Learning, Examination & Evaluation leading to Two Years PG Degree Master of Science (Forensic Science) following Three Years UG Programme wef 2025-26

(Two Years- Four Semesters Master's Degree Programme- NEPv23 with Exit and Entry Option (Updated from 2026-27))

M.Sc. (Forensic Science) First Year Semester- I Level 6.0

[illegible]

9	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS / NCC, Fine / Applied / Visual /Performing Arts During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV													
	TOTAL								22							700	

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training: Internship/ Apprenticeship; Field projects: **FP**; **RM**: Research Methodology; Research Project: **RP**, **Co-curricular Courses: CC**

Note : # On Job Training, Internship/ Apprenticeship; Field projects Related to Major (During vacations of Semester I and Semester II) for duration of 120 hours mandatory to all the students, to be completed during vacations of Semester I and/or II. This will carry 4 Credits for learning of 120 hours. Its credits and grades will be reflected in Semester II credit grade report.

Note: **Co-curricular Courses:** In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report.**



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S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme							
				Teaching Period Per Week				Credits				Maximum Marks				Total Marks	Minimum Passing		
												Theory	Practical						
				L	T	P	Total	L/T	Pr	Total		Theory Internal	Theory +MCQ External	Internal	External		Marks Internal	Marks External	Grade
1	DSC-I.2 (Digital and Cyber Forensics)	Th-Major	FRS 201	4			4	4		4	3	40	60			100	16	24	P
2	DSC-II.2 (Questioned Document)	Th-Major	FRS 202	3			3	3		3	3	40	60			100	16	24	P
3	DSC-III.2 (Forensic Ballistics)	Th-Major	FRS 203	3			3	3		3	3	40	60			100	16	24	P
4	DSE-II/MOOC (Any one opted by the student)	Th-Major Elective	FRS 204	4			4	4		4	3	40	60			100	16	24	P
4a	DSE-II (i)/MOOC (Cyber Security)	Th-Major Elective	FRS 204 (i)																
4b	DSE-II (ii)/MOOC (Advancement in Forensic Science)	Th-Major Elective	FRS 204 (ii)																
5	DSC-I.2 Lab (Forensic Science Practical III)	Pr-Major	FRS 205			4	4		2	2	3			50	50	100	50		P
6	DSC-II.2 Lab (Forensic Science Practical IV)	Pr-Major	FRS 206			4	4		2	2	3			50	50	100	50		P
7	# On Job Training, Internship/ Apprenticeship; Field projects Related to Major @ during vacations Cumulatively	Related to Major		120 Hours cumulatively during vacations of Semester I and II						4*									P*
8	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS / NCC, Fine / Applied / Visual / Performing Arts, During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV															
				Exit Option with a PG Diploma with 4 Credits On-the-job training/internship in the respective Major subject Student has to earn Total minimum 4 Credits cumulatively during Vacations of Semester I and Semester II from internship in order to exit after First Year with PG Diploma (42-44 Credits) after Three Year UG Degree															
	TOTAL									18+4* = 22						600			

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Note : # On Job Training, Internship/ Apprenticeship; Field projects Related to Major (During vacations of Semester I and Semester II) for duration of 120 hours mandatory to all the students, to be completed during vacations of Semester I and/or II. This will carry 4 Credits for learning of 120 hours. Its credits and grades will be reflected in Semester II credit grade report.

Note: **Co-curricular Courses:** In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report.**



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S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme							
												Maximum Marks					Minimum Passing		
												Theory		Practical		Total Marks			
				L	T	P	Total	L/T	Practical	Total		Theory Internal	Theory+ MCQ External	Internal	External		Marks Internal	Marks External	Grade
1	DSC-I.3 (Forensic Chemistry)	Th-Major	FRS 301	4			4	4		4	3	40	60			100	16	24	P
2	DSC-II.3 (Forensic Drug Analysis and Toxicology)	Th-Major	FRS 302	4			4	4		4	3	40	60			100	16	24	P
3	DSC-III.3 (Forensic Medicine)	Th-Major	FRS 303	3			3	3		3	3	40	60			100	16	24	P
4	DSE-III /MOOC (Any one opted by the student)	Th-Major Elective	FRS 304	3			3	3		3	3	40	60			100	16	24	P
4a	DSE-III (i) /MOOC (Advanced Instrumentation in Forensic Science)	Th-Major Elective	FRS 304 (i)																
4b	DSE-III (ii) /MOOC (Legal Aspects in Forensic Science-I)	Th-Major Elective	FRS 304 (ii)																
5	DSC I.3 Lab 5 (Forensic Science Practical V)	Pr-Major	FRS 305			4	4		2	2	6			50	50	100	50		P
6	DSE I.3 (i/ii) Lab 6 (Forensic Science Practical VI)	Pr-Major Elective	FRS 306 (i/ii)			4	4		2	2	6			50	50	100	50		
7	Lab 7 Research Project Phase-I	Major	FRS 307		2	4	6	2	2	4	3			50	--	50	25		P
8	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine /Applied / Visual /Performing Arts During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV															
	TOTAL									22						650			

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training: Internship/ Apprenticeship; Field projects: **FP**; **RM**: Research Methodology; Research Project: **RP**, **Co-curricular Courses**: **CC**

Note: **Co-curricular Courses**: In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV**. **Its credits and grades will be reflected in semester IV credit grade report.**

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S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme								
				Teaching Period Per Week				Credits				Maximum Marks						Minimum Passing		
												Theory		Practical		Total Marks				
				L	T	P	Total	L/T	Practical	Total		Theory Internal	Theory+ MCQ External	Internal	External		Marks Internal	Marks External	Grade	
1	DSC-I.4 (Forensic Biology)	Th-Major	FRS 401	4			4	4		4	3	40	60			100	16	24	P	
2	DSC-II.4 (Forensic Serology)	Th-Major	FRS 402	3			3	3		3	3	40	60			100	16	24	P	
3	DSC- III.4 (DNA Fingerprinting)	Th-Major	FRS 403	4			4	4		4	3	40	60			100	16	24	P	
4	DSE-IV /MOOC (Any one opted by the student)	Th-Major Elective	FRS 404	3			3	3		3	3	40	60			100	16	24	P	
4a	DSE-IV(i) /MOOC (Forensic Anthropology and Wildlife Forensic)	Th-Major Elective	FRS 404 (i)																	
4b	DSE-IV(ii) /MOOC (Legal Aspects in Forensic Science II))	Th-Major Elective	FRS 404 (ii)																	
5	Lab 8 (Forensic Science Practical VII)	Pr-Major	FRS 405			4	4		2	2	3			50	50	100	50		P	
6	Lab 9 Research Project Phase-II	Major	FRS 406		2	8	10	2	4	6	3			75	75	150	75		P	
7	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS / NCC, Fine / Applied / Visual / Performing Arts During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV																
	TOTAL									22						650				

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Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training: Internship/ Apprenticeship; Field projects: **FP**; **RM**: Research Methodology; Research Project: **RP**, **Co-curricular Courses**: **CC**

Note: **Co-curricular Courses**: In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV**. **Its credits and grades will be reflected in semester IV credit grade report.**

Table: Comprehensive Credits distribution amongst the type of Courses over Two Years (Four Semesters) PG Programme and Minimum Credits to be earned for PG Degree [M.Sc. (Forensic Science)]

Sr. No.	Type of Course		Total Credits Offered	Minimum Credits Required
1	MAJOR			
	i. DSC	56		56
	ii. DSE	16		16
	TOTAL		72	72
2	Research Methodology and IPR (FSC/DSC: Major)	04	04	04
2	On Job Training, Internship/ Apprenticeship; Field projects Related to Major	04	04 for 120 Hours OJT/FP cum.	02 (Minimum 60Hours OJT / FP is mandatory)
3	Research Project	10	10	10
	OPTIONAL			
4	Co-Curricular Courses (offline and/or online as applicable): Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.).		Limited to Maximum 03 only (For 90 Hours of CC cumulatively)	00
	TOTAL			
	TOTAL		93	88

Table A: Comprehensive Credit Distribution for CC

S. N.	Activities (offline/online as applicable)	Credits at Levels						Letter Grade
		College	University	State	Zone if exist	National	International if exist	
1	Health and wellness, Yoga* Competitions *If a Course (online/offline) on Yoga is completed for 60 Hours, 2 credits will be awarded to the student (1 Credit = 30 Hours)	1	2	3	4	5	6	P (Pass)
2	Unnat Bharat Abhiyan [UBA]	1	2	3	4	5	6	P (Pass)
3	Sports and fitness activities (see separate Table B)	1	1 / 2	2 / 3	3 / 4	4 / 5	5 / 6	P (Pass)
4	Cultural activities, Fine/Applied/Visual/Performing Arts	1	2	3	4	5	6	P (Pass)
5	N.S.S. activities Camps	1	2	3	4	5	6	P (Pass)
6	Academic activities like Research Paper/Article/Poster presentations, Aavishkar, start-up, Hackathon, Quiz competitions, other curricular, co-curricular activities, students exchange programme etc.	1	2	3	4	5	6	P (Pass)
	Research Paper/Article published	--	1	2	-	4	6	P (Pass)
7	Participation in Summer school/ Winter School / Short term course	2 Credits						P (Pass) P
	(not less than 30 hours 1 or 2 weeks duration)	4 Credits						(Pass) P
	(not less than 60 hours 2 or 3 weeks duration)	2 Credits						(Pass)
	Scientific Surveys, Societal Surveys	1 Credit						P (Pass)
8	Field Visits, Study tours, Industrial Visits,							
	NCC Activities	As given in Table C						

Table B: Credit Distribution for Sports and Fitness

Sr. No.	Particulars of Sports Status (Individual/ Team)	Credits	Letter Grade
1	College Level Participation	1	P (Pass)
2	University Level Participation	1	P (Pass)
3	University Level Rank 1, 2, 3	2	P (Pass)
4	State Level Participation	2	P (Pass)
5	State Level Rank 1, 2, 3	3	P (Pass)
6	Zonal Level Participation	3	P (Pass)
7	Zonal Level Rank 1, 2, 3	4	P (Pass)
8	National Level Participation	4	P (Pass)
9	National Level Rank 1, 2, 3	5	P (Pass)
10	International Level Participation	5	P (Pass)
11	International Level 1,2,3	6	P (Pass)

Table C: Credit Distribution for NCC activities

Sr. No.	Particulars of NCC Activities	Credits	Letter Grade
1	Participation in NCC activities	1	P (Pass)
2	‘B’ Certificate obtained	2	P (Pass)
3	‘C’ Certificate obtained	3	P (Pass)
4	State Level Participation	4	P (Pass)
5	National level Participation	5	P (Pass)
6	International Level Participation	6	P (Pass)