

Criterion 2: Teaching Learning and evaluation

The Department of Criminology and Forensic Science boasts of the richest faculties in terms of knowledge and experience in the subject. Being a DST-FIST sponsored department, the laboratories of the department are equipped with latest infrastructure and enabling facilities for promoting R&D activities in the subject domains. As a result of the easily accessible infrastructure under the supervision of the experienced faculties and lab assistants, the students are introduced to hands-on training in the laboratories since under-graduation. With this, the department aims to build upon the framework of existing research in criminology and forensic science. The department also invests in a unique blend of hybrid model of teaching consisting of traditional classrooms as well as classrooms equipped with latest ICT tools for interactive teaching purposes. The syllabus of the course described in Criterion 1 is designed in such a way that the outcome is both employment oriented as well as research oriented. The illustrious results of the programs conducted by the university are evident in the placements section on the website.

The illustrious teaching faculty of the department are as follows:



Prof. Devasish Bose

Current Position: Professor & Head

Research Area: Forensic Chemistry & Toxicology, Adulteration, Separation Science, Criminalistics

Teaching Experience: 25 years

Research Guidance: Ph.D.

E-Mail: devonebose@gmail.com



Prof. Mamta Patel

Current Position: Professor & Head

Research Area: Criminology, Victimology, Gerontology, Criminal Psychology

Teaching Experience: 25 years

Research Guidance: Ph.D.

E-mail: mamta_cfss@rediffmail.com



Dr. Navjot Kaur Kanwal

Current Position: Assistant Professor

Research Area: Cyber & Computer Forensics, Forensic Chemistry & Toxicology, Questioned Documents Fingerprints, Teaching

Experience: 10 years

Research Guidance: Ph.D.

E-mail: kanwalnk@gmail.com



Dr. Rajesh Singh Yadav

Current Position: Assistant Professor

Research Area: Toxicology, Neurotoxicology, Forensic Neuroscience

Experience: 10 years

Research Guidance: Ph.D.

E-mail: razitrc@gmail.com



Dr. S. M. Mahendra Simha Karna

Current Position: Assistant Professor

Research Area: Criminology, Victimology, Child Abuse, Women and Crime

Experience: 10 years

Research Guidance: Ph.D.

E-mail: simha.karna@gmail.com



Dr. Vandana Vinayak

Current Position: Assistant Professor

Research Area: Forensic Biochemistry, Diatomology,
Bionanotechnology,
Molecular Biology

Experience: 10 years

Research Guidance: Ph.D.

E-mail: kapilvinayak@gmail.com



Dr. Deepak Gupta (Guest Faculty)

Current Position: Guest Faculty

Research Area: Penology and correction

Experience: 10 years

Research Guidance: Ph.D.

E-mail: deepak9gupta@rediffmail.com



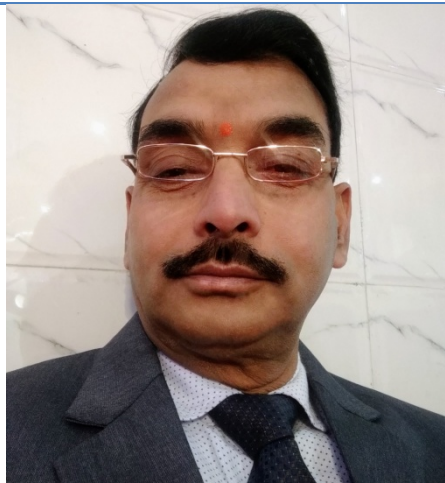
Dr. Vivek Mehta (Guest Faculty)

Current Position: Guest Faculty

Research Area: Astrology and crime

Experience: 10 years

E-mail: drmehta123@gmail.com



Dr. Mukesh Kumar Chourasia (Guest Faculty)

Current Position: Guest Faculty

Research Area: Human rights and internal security

Experience: 10 years

E-mail: mkchaurasiacrimiunisgr@gmail.com

2.2. Evaluation system

Teaching is a task that lays incomplete without evaluation. Evaluation is not only important for the students to realize their results, but it also serves the purpose of improving their teaching-learning process. The experienced faculty as well as the scholars of the department is approachable by the students throughout the office hours. Personal attention is provided by the faculty to the students depending on their performance and results in the examination. If the results are not as expected, the department also engages in extra classes for the students.

The university has adapted to the University Grants Commission's Choice Based Credit System (CBCS) for teaching and evaluation process since it was awarded the status of a central university. Owing to this system, the progress of the students is continually assessed and updated by conducting Mid-Semester and End-Semester theory and practical examinations. Out of the two Mid-Semester examinations conducted each semester, the second Mid-Semester examination consists of presentations and assignments. The results of the examinations are uploaded on the university website via Mp Online or the IUMS portal after verification by the students themselves.

B.Sc. Forensic Science

Semester	Course Code	Title of Paper	Credit
B.Sc. I Semester	FSC:CC-111	Introduction to Forensic Science & Criminalistics	04

	FSC:CC-112	Forensic Science(Practical)	02
B.Sc. II Semester	FSC:CC-211	Police Science & Criminal Justice System	04
	FSC:CC-212	Forensic Science (Practical)	02
B.Sc. III Semester	FSC:CC-311	Instrumental Techniques in Forensic Science	04
	FSC:CC-312	Forensic Science (Practical)	02
	FSC:SEC-311	Fingerprints and Questioned Document	02
B.Sc. IV Semester	FSC:CC-411	Introduction to Forensic Chemistry & Forensic Biology	04
	FSC:CC-412	Forensic Science (Practical)	02
	FSC:SEC-411	Crime Scene Management	02
	FSC:DSE-511	Forensic Toxicology	04
B.Sc. V Semester	FSC:DSE-512	Forensic Science (Practical)	02
	FSC:DSE-513	Emerging Trends in Forensic Science	04
	FSC:DSE-514	Forensic Science(Practical)	02
	FSC:SEC-511	Chromatography	02
	FSC:DSE-611	Forensic Physics & Ballistics	04
B.Sc. VI Semester	FSC:DSE-612	Forensic Science(Practical)	02
	FSC:DSE-613	Forensic Medicine & Serology	04
	FSC:DSE-614	Forensic Science(Practical)	02
	FSC:SEC-611	Computer Forensics & Cyber Security	02
Total credits			56

B.A. Criminology

Semester	Course Code	Title of Paper	Credit
Semester I	CRM:CC-111	Introduction to Criminology	06
Semester II	CRM:CC-211	Criminological and Victimological Theories	06
Semester III	CRM:CC-311	Criminal Psychology	06
	CRM:SE-312	Cyber-crime and Security	02
Semester IV	CRM:CC-411	Penology and Correctional Administration	06

	CRM:SE-412	Tourism Crime and Security Management	02
Semester V	CRM:EC-511	Juvenile Delinquency	06
	CRM:EC-512	Biology and Psychology of Crime	06
	CRM:SE-513	Drug Abuse and De-addiction	02
	CRM:GE-514	Victim-Offender Counseling	06
Semester VI	CRM:EC-611	Sociology of Crime and Deviance	06
	CRM:EC-612	Police Administration and Forensic Science	06
Total credits			60

M.Sc. Forensic Science

Semester	Course Code	Title of Paper	Credit
Semester - I	FSC-CC-121	Forensic Science investigation and Criminal Justice System: Theory	04
	FSC-CC-122	Crime scene investigation: Practical	02
	FSC-CC-123	Forensic Physics, Ballistics, Photography and Statistics: Theory	04
	FSC-CC-124	Forensic Physics And Ballistics: Practical	02
	FSC-CC-125	Instrumental Methods – Physical: Theory	04
	FSC-CC-126	Instrumental Methods – Physical: Practical	02
Semester - II	FSC-CC-221	Instrumental Methods – Chemical: Theory	04
	FSC-CC-222	Instrumental Methods – Chemical: Practical	02
	FSC-CC-223	Forensic Chemistry and Explosives: Theory	04
	FSC-CC-224	Forensic Chemistry: Practical	02
	FSC-CC-225	Forensic Toxicology and Pharmacology: Theory	04
	FSC-CC-226	Forensic Toxicology – Practical	02
	FSC-OE-221	Computer Forensics and Cyber Security: Theory	02
Semester - III	FSC-CC-321	Forensic Biology and Serology: Theory	04
	FSC-CC-322	Forensic Biology and Serology: Practical	02
	FSC-	Forensic Medicine and Medical Jurisprudence:	04

	CC-323	Theory	
	FSC- CC-324	Forensic Medicine: Practical	02
	FSC- EC-321	Elective: Computer Forensics and Cyber Security: Theory	02
	FSC- EC-322	Elective: Computer Forensics and Cyber Security – Practical	02
	FSC- EC-323	Elective: Dactylography and Biometrics: Theory	02
	FSC- EC-324	Elective: Dactylography and Biometrics- Practical	02
	FSC- EC-325	Elective: Investigative Tools and Techniques: Theory	04
	FSC- EC-326	Elective: Forensic Neuroscience and Behavior: Theory	04
	FSC- EC-327	Elective: Questioned Document and their Examination: Theory	02
	FSC- EC-328	Elective: Questioned Document and their Examination- Practical	02
	FSC- OE-321	Dactylography and Biometrics: Theory	02
Semester - IV	FSC- CC-421	Instrumental Methods – Biological: Theory	04
	FSC- CC-422	Instrumental Methods – Biological: Practical	02
	FSC- CC-423	Questioned Documents, Finger prints and Cyber Forensic: Theory	04
	FSC- CC-424	Questioned Documents, Finger prints and Cyber Forensic – Practical	02
	FSC- EC-421	Elective: Narcotics and Drugs of Abuse: Theory	02
	FSC- EC-422	Elective: Narcotics and Drugs of Abuse- Practical	02
	FSC- EC-423	Elective: Emerging Trends in Forensic Science: Theory	04
	FSC- EC-424	Elective: Forensic Anthropology: Theory	02
	FSC- EC-425	Elective: Forensic Anthropology- Practical	02
	FSC- EC-426	Elective: Chromatographic Techniques: Theory	02
	FSC- EC-427	Elective: Chromatographic Techniques- Practical	02
		Total Credits	80

M.A. Criminology

Semester	Course Code	Title of Paper	Credit
Semester I	CRM-CC-121	Introduction to Criminology	06
	CRM-CC-122	Victimology	06
	CRM-CC-123	Forensic Aid to Criminal Justice system	04
	CRM-CC-124	Research Methods in Criminology	04
	CRM-CC-125	Criminal Investigation & Legal Procedure(Practical)	02
	CRM-CC-126	Research Methods(Practical)	02
Semester II	CRM-CC-221	Criminological Theories	06
	CRM-CC-222	Juvenile Delinquency	06
	CRM-CC-223	Penology and Correctional Administration	04
	CRM-CC-224	Criminal Psychology	04
	CRM-CC-225	Case Study(Practical)	02
	CRM-CC-226	Criminal Psychology(Practical)	02
	CRM-OE-227	Introduction to Green Criminology	02
Semester III	CRM-CC-321	Internal Security Management	06
	CRM-CC-322	Crime Journalism	06
	CRM-EC-323	Human Rights & Social Work	04
	CRM-EC-324	Cyber Crime and Security	04
	CRM-EC-325	Social Legislations and Crime	04
	CRM-OE-326	Contemporary Forms of Crime	02
Semester IV	CRM-CC-421	Criminal Law & Procedure	06
	CRM-EC-422	Police Administration	04
	CRM-EC-423	Drug Abuse and trafficking	04
	CRM-EC-425	Project	08
Total Credits			98

Ph.D. Forensic Science

CourseCode	Course	Credits
FSC-CC-141	Research Methodology	04
FSC-CC-142	Forensic Science	04
FSC-CC-144	Research and publication ethics	02

Choose one Course & Practical from below:

FSC-EC-141	Chemistry and Toxicology	04
FSC-EC-142	Biology and Serology	04
FSC-EC-143	Documents, Computer Forensics and Impressions	04
FSC-CC-143	Review of Published Research Work	04
Total credits		18

Ph.D. Criminology

Course Code	Title of Paper	Credit
CRM-CC-141	Research Methodology	4
CRM-CC-142	Research Trends in Criminology and Criminal Justice	4
CRM-CC-144	Research and publication ethics	2
CRM-EC-141	Research Trends in Victimology	4
CRM-EC-142	Computer Application	4

CRM-EC-143	Application of Statistics in Criminology and Criminal Justice	4
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CRM-CC-143	Review of Published Research Work	4
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Total Credits		18
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