

# **STUDY & EVALUATION SCHEME**

## **OF**

### **B.Sc. FORENSIC SCIENCE**

#### **(BFS)**

**[Applicable W.E.F. Academic Session - 2019-20 Till Revised]**

*[As per CBCS guidelines given by UGC]*



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B.Sc. Forensic Science (BFS) Syllabus as per CBCS (2019-20) W.E.F. till revised





B.SC FORENSIC SCIENCE (SIX-SEMESTER)CBCSPROGRAMME			
BASIC STRUCTURE: DISTRIBUTION OF COURSES			
S.No.	Type of Course	Credit Hours	Total Credits
1	Core Course (CC)	11 Courses of 4 Credit Hrs. each (Total Credit Hrs. 11 x 4)	44
2	Discipline Specific Course (DSC)	9 Courses of 4 Credit Hrs. each (Total Credit Hrs. 9 x 4)	36
3	Discipline Specific Elective Course (DSEC)	6 Courses of 4 Credit Hrs. each (Total Credit Hrs. 6 x 4) 6 Courses of 1 Credit Hrs. each (Total Credit Hrs. 6 x 1)	30
4	Ability-Enhancement Compulsory Course (AECC)	4 Courses of 3 Credit Hrs. each (Total Credit Hrs. 4 x 3) 1 Course of 4 Credit Hrs. (Total Credit Hrs. 1 x 4)	16
5	Skill-Enhancement Elective Course (SEC)	1 Course of 4 Credit Hrs. (Total Credit Hrs. 1 x 4) 18 Courses of 1 Credit Hrs. each (Total Credit Hrs. 18 x 1)	22
6	Open Elective Course (OEC)	1 Course of 3 Credit Hrs. (Total Credit Hrs. 1 x 3)	3
7	Value Added Course (VAC)	2 Courses of 0 Credit Hrs. each (Total Credit Hrs. 2 x 0)	0
8	MOOC Course	2 Courses of 2 Credit Hrs. each (Total Credit Hrs. 2 x 2)	4
Total Credits			155

## B. CHOICE BASED CREDIT SYSTEM (CBCS)

Choice Based Credit System (CBCS) is a versatile and flexible option for each student to achieve his target number of credits as specified by the UGC and adopted by our University. The following is the course module designed for the B.Sc Forensic Science program:

**Core Course (CC):** Core courses of Forensic Science program will provide a holistic approach for the strong foundation of a broad multi- disciplined knowledge. Department offer 11 core courses from I to VI Semester during the Forensic Science program. There will be 4 credits for each core course offered.

**Program/Discipline Specific Course (DSC):** The Discipline specific courses will provide more Practical-based knowledge, case-based lessons and collaborative learning models. It will train the students to analyze, decide, and lead-rather than merely know-while creating a common student experience that can foster deep understanding and develop decision-making ability. A wide range of Discipline specific courses provides groundwork in the basic Forensic Science related disciplines: Fingerprints, documents, ballistic, toxicology etc. The integrated foundation is important for students because it will not only allow them to build upon existing skills, but they can also explore career options in a wide range of Forensic Disciplines. Department offer 9 Discipline specific courses from I semester to VI during the Forensic Science Program. There will be 4 credits for each DSC course offered.





**Program/Discipline Specific Elective Course (DSEC):** The discipline specific elective course is chosen to make students specialist or having specialized knowledge of a specific domain like Physics & Chemistry. It will be covered in all six semesters of the program relevant to chosen disciplines of the program. The student will have to choose any one group out of the two elective group offered, i.e., Group A, Group B respectively. Each DSEC will carry 4 credits.

**Ability Enhancement Compulsory Course (AECC):** As per the guidelines of Choice Based Credit System (CBCS) for all Universities, including the private Universities, the Ability Enhancement Compulsory Course (AECC) is a course designed to develop the ability of students in communication (especially English) and other related courses where they might find it difficult to communicate at a higher level in their prospective job at a later stage due to lack of practice and exposure in the language, etc. Students are motivated to learn the theories, fundamentals and tools of communication which can help them develop and sustain in the corporate environment and culture. We offer Total Five AECCs out of which four are compulsory from I to IV Semester with 3 credit each while one AECC will be of 4 credits in only III semester.

**Skill Enhancement Course:** This course is designed to provide value-based and/or skill-based knowledge. We offer one SECs in VI Semester with 4 credits while there are 18 SECs from I to VI SEM with 01 credit.

**Open/Generic Elective Course (GEC):** Open/Generic Elective is an interdisciplinary additional subject that is compulsory in any semester of a program. The score of open Elective is counted in Student's overall aggregate marks under Choice Based Credit System (CBCS). Each Open Elective paper will be of 3 Credits and students will have the choice of taking one open elective in Semester IV. Each student has to take Open/Generic Electives from department other than the parent department. Core / Discipline Specific Electives will not be offered as Open Electives.

**Value Added Course (VAC):** A value added audit course is a non-credit course which is basically meant to enhance general ability of students in areas like soft skills, quantitative aptitude and reasoning ability - required for the overall development of a student and at the same time crucial for industry/corporate demands and requirements. The student possessing these skills will definitely develop acumen to perform well during the recruitment process of any premier organization and will have the desired confidence to face the interview. Moreover, these skills are also essential in day-to-day life in the corporate world. The aim is to nurture every student for making effective communication, developing aptitude and a general reasoning ability for a better performance, as desired in corporate world. There shall be one course each in Semester III & Semester IV will carry no credits, however, it will be compulsory for every student to pass these courses with minimum 45% marks to be eligible for the Degree certificate. These marks will not be included in the calculation of CGPI. Students have to specifically be registered in these courses in the respective semesters.

**Massive Open Online Course (MOOC):** MOOC is an online course aimed at unlimited participation and open access via the web. In addition to traditional course materials, such as filmed lectures, readings, and problem sets, many MOOCs provide interactive courses with user forums or social media discussions to support community interactions among students, professors, and teaching assistants (TAs), as well as immediate feedback to quick quizzes and assignments. MOOCs are a recent and widely researched development in distance education first introduced in 2008 and emerged as a popular mode of learning in 2012. College offer two MOOC courses each of 2 credits in IV & V semesters.





# SEMESTER IV

S.N	Category	Course Code	Course	Periods			Credit	Evaluation Scheme		
				L	T	P		Internal	External	Total
1	CC-8	BFS-S- 403	Forensic Biology-II	4	0	0	4	40	60	100
2	CC-9	BFS -S-411	Quality Management in Laboratories	4	0	0	4	40	60	100
3	DSC-3	BFS -S-405	Forensic Dermatoglyphics	4	0	0	4	40	60	100
4	DSC-4	BFS -S-410	Applied Digital & Cyber Forensic	4	0	0	4	40	60	100
5	AECC-5	TMUGE401	English Communication-IV	2	0	2	3	40	60	100
6	DSEC-3	BFS-S-408	Discipline Specific Elective Courses	4	0	0	4	40	60	100
		BFS-S-409								
7	SEC-10	BFS-S-453	Forensic Biology-II (Lab)	0	0	2	1	50	50	100
8	SEC-11	BFS-S-455	Forensic Dertmatoglyphics (Lab)	0	0	2	1	50	50	100
9	SEC-12	BFS-S-456	Applied Digital & Cyber Forensic (Lab)	0	0	2	1	50	50	100
10	DSEC-4 Practical	BFS-S-458	Discipline Specific Elective Courses	0	0	2	1	50	50	100
		BFS-S-459								
11		MOOC I		-	-	-	2			100
12			Open elective				3	As Per University Guidelines		
			Total	22	0	10	32	440	560	1100
VALUE ADDED COURSE -I (VAC-I) EVALUATION SCHEME										
1	VAC -II	TMUGS401	Managing work and others	2	1	0	0		50	100

