

Education to Excel

**SBRR MAHAJANA FIRST GRADE COLLEGE (Autonomous)**

Jayalakshmipuram, Mysuru – 570 012 Karnataka, INDIA

Affiliated to University of Mysore

Re-accredited by NAAC with 'A' Grade, College with Potential for Excellence

**UG**



**PG**



**Syllabi of I and II Semester**

**B.A. – Criminology and Forensic Science**

**Choice Based Credit System – 2019-20**

**Credit Pattern for Courses**

L- Lecture, T- tutorial, P- Practical

Sem	Type	Id	Course	L + T + P = Tot.
1	DSC	CFSc 01	Principles of Criminology	4 + 0 + 0 = 4
	DSC	CFSc 01 A	Practical	0 + 0 + 2 = 2
2	DSC	CFSc 02	Introduction to Forensic Science	4 + 0 + 0 = 4
	DSC	CFSc 02 A	Practical	0 + 0 + 2 = 2
2	DSC	CFSc 03	Law of Prints and Impressions	4 + 0 + 0 = 4
	DSC	CFSc 03 A	Practical	0 + 0 + 2 = 2
4	DSC	CFSc 04	Law of crime	4 + 0 + 0 = 4
	DSC	CFSc 04 A	Practical	0 + 0 + 2 = 2

**Distribution of Marks**

<b>THEORY</b>	C1	10
	C2	10
	C3	80
	<b>TOTAL</b>	<b>100</b>
<b>PRACTICAL</b>	C1	05
	C2	05
	C3	40
	<b>TOTAL</b>	<b>50</b>

Credit means the unit by which the course work is measured. One-hour session of Lecture or Tutorial per week for 16 weeks amounts to 01 credit. Two-hour session of practical per week for 16 weeks amounts to 01 credit per semester.

**I – SEMESTER B.A.**  
**PRINCIPLES OF CRIMINOLOGY (THEORY)**

*Course duration: 16 weeks with 4 hours of instruction per week.*

**Unit 1- Introduction to Criminology:** [16 hours]

- 1.1. Meaning, Definition, Nature, Scope & Importance of Criminology.
- 1.2. Definition, meaning, origin and characteristics of Criminal law.
- 1.3. Meaning, Definitions and Characteristics of Crime.
- 1.4. Classification of crime- English Common Law, Indian Penal Code and NCRB.

**Unit 2- Early Schools of Criminology:** [14 hours]

- 2.1. Pre-Scientific Schools.
  - a. Demonological School.
  - b. Free-Will, Classical and Neo-Classical Schools.
- 2.2. Cartographic School.
- 2.3. Socialistic School.

**Unit 3- Later Schools of Criminology:** [14 hours]

- 3.1. Typological School-
  - a. Lombrosian.
  - b. Mental Testers.
  - c. Psychiatric.
- 3.2. Sociological School-
  - a. Imitation theory.
  - b. Differential Association Theory.
  - c. Multiple Factor Approach.

**Unit 4- Patterns of Criminals and Criminality** [14 hours]

- 4.1. Habitual Offenders.
- 4.2. Professional Criminals.
- 4.3. White Collar Crime.
- 4.4. Juvenile Criminality.

**REFERENCES:**

- |                           |  |
|---------------------------|--|
| 1. Sutherland and Cressey | : Principles of Criminology.                 |
| 2. Paranjape N. V.        | : Criminology and Penology with Victimology. |
| 3. Srivastava S. S.       | : Criminology and Criminal Administration.   |
| 4. Sharma R. N.           | : Criminology and Penology.                  |
| 5. Ponnian N.             | : Criminology and Penology.                  |
| 6. Shirohi J.P.S.         | : Criminology and Criminal Administration.   |
| 7. Sirohi J.P.S.          | : Criminology and Criminal Administration.   |
| 8. Ahuja R.               | : Criminology.                               |
| 9. Tim Newburn            | : Criminology.                               |
| 10. Girrepegowdar         | : Aparadhashastra.                           |

**PRACTICAL**

1. Identification of Criminologically important news caption from a given newspaper.

Sl. No	Caption	Page no	Column no

2. Identification and analysis of crime news items reported in a newspaper.

Sl. No.	Nature of crime	Page no.	Column no	Place of occurrence	Gist

3. Identification and Classification of crimes reported in newspapers.

Sl. No.	Type of Crime	No. of crimes	Causes
1	Offences against human body A B C		
2	Offences against property A B C		
3	Other IPC offences A B C		
4	Miscellaneous crimes		

4. Analysis of crimes, reported in newspapers, with an aim of linking them with the appropriate Theory of Criminology.  
 5. Collection of newspaper Clippings.  
 6. Graphical representation of crime reported in a newspaper and crime statistics.

**II – SEMESTER B.Sc.**  
**INTRODUCTION TO FORENSIC SCIENCE (THEORY)**  
*Course duration: 16 weeks with 4 hours of instruction per week.*

**Unit 1- Introduction to Forensic Science:** [15 hours]

- 1.1. Forensic Science- Definition and pioneers.
- 1.2. Historical development of Forensic Science.
- 1.3. Principles of Forensic Science.
- 1.4. Frye case, Daubert Standard and Triology.

**Unit 2- FSL Structure and Equipments:** [15 hours]

- 2.1. Organisation and functions of Directorate of Forensic Institutions in India and Karnataka.
- 2.2. Divisions of Forensic Science Laboratories and their function.
- 2.3. Instrumentation (Types and application) - Microscopy, Spectroscopy, VSC, Density Gradient Tube & Electromagnetic Spectrum.
- 2.4. Role of experts in crime investigation and detection.

**Unit 3- Trace Evidences:** [14 hours]

- 3.1. Hair and Fiber.
- 3.2. Glass fracture.
- 3.3. Paint.
- 3.4. Soil.

**Unit 4- Forensic Ballistics:** [14 hours]

- 4.1. Meaning and classification of firearms and ammunition.
- 4.2. Identification of firearm and shooter.
- 4.3. Detection of range and direction of shooting.
- 4.3. Meaning and classification of explosives.

**REFERENCES:**

1. Nabar B. S. : Forensic Science in Crime investigation and trials.
2. Sharma B. R. : Forensic Science in Criminal investigation & trials.
3. Saferstein R. : Criminalistics.
4. Cunliffe F. and Piazza P. : Criminalistics and Scientific Investigation.
5. Advanced Technology in Forensic Investigation: Annamma John.

**PRACTICAL**

1. Examination of Hair-
  - a. Type of medulla and Medullary Index.
  - b. Cuticular structure.
2. Examination of fiber.
3. Physical examination of Glass Fracture to determine the direction of force.
4. Physical examination of Bullets.
5. Physical examination of Cartridges.
6. Examination of Soil (Density gradient tube).

**Scheme of Valuation for Practical**

C1 and C2 are internal tests to be conducted during 8th and 16th weeks respectively of the semester. C3 is the semester-end examination conducted for 3 hours. The student will be evaluated on the basis of skill, comprehension and recording the results. The student has to compulsorily submit the practical record during C1 and C2. For C3, the record has to be certified by the Head of the Department.

**Internal Assessment**

- The C1 and C2 tests are conducted for 10 marks each and the consolidated total is reduced to 5 marks each in the corresponding internal assessment practical test. The final internal assessment marks weightage is 10.

**Final Practical examination**

- The student is evaluated for 40 marks in C3 as per the following scheme:

<b>Heading</b>	<b>Marks</b>
Conduction	30
Viva	05
Record	05
<b>Total</b>	<b>40</b>