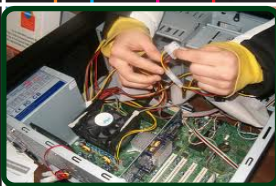
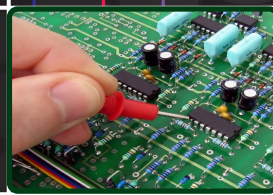


SANGAI INTERNATIONAL UNIVERSITY



Syllabus B.Sc. (Honors) Forensic Science

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Proposed syllabus and Scheme of Examination
for
B.Sc. (Honors) Forensic Science

Submitted

to

University Grants Commission
New Delhi

Under

Under Choice Based Credit System

April 2015

B.Sc. (Hons) in Forensic Science

Objectives

The Universal Declaration of Human Rights directs the member nations to create such conditions under which the ideals of free human beings, enjoying civil and political freedom from fear and want, can be achieved. The Constitution of India, through its various articles, strives to ensure security and safety of citizens in accordance with the principles of Universal Declaration of Human Rights. However, crime is a violation of these principles. In a country like India, where majority of population is uneducated, social set up is heterogeneous, public-police relations are not very cordial, poverty is rampant and unemployment widespread, it is not surprising that crime rate is increasing exponentially.

If we have to create conditions conducive to harmonious development, we must mitigate the crime rate. This can best be achieved by relying on the support of forensic science system. Unfortunately, in our country, forensic science is not viewed as a core investigative skill in crime detection. In fact, there is a lack of understanding of the forensic process itself. It is for this reason that less than 10% of the police cases are, at present, being referred for forensic examination. Less than 5% are solved by the application of forensic science. The rest are solved by third degree method – a practice which the human rights organizations will not allow in days to come.

In majority of serious crime cases, hi-tech measures are being adopted by perpetrators of crime. The counter measures have to be more sophisticated to surpass them. This calls for strengthening the foundations of forensic science at national level. It is with this aim that we wish to initiate a B.Sc. (Hons) Course in Forensic Science.

The following are the objectives of this course.

1. To emphasize the importance of scientific methods in crime detection.
2. To disseminate information on the advancements in the field of forensic science.
3. To highlight the importance of forensic science for perseverance of the society.
4. To review the steps necessary for achieving highest excellence in forensic science.
5. To generate talented human resource, commensurating with latest requirements of forensic science.
6. To provide a platform for students and forensic scientists to exchange views, chalk-out collaborative programs and work in a holistic manner for the advancement of forensic science.

Eligibility

- * Passed Class XII from a recognized Board in science stream.
- * The admission will be done on merit basis taking into consideration the aggregate marks obtained in the following three subjects:
 - (i) Physics
 - (ii) Chemistry
 - (iii) Any one out of Mathematics or Biology in whichever subject the candidate has scored higher marks.

OVERVIEW OF CURRICULUM

I. CORE COURSE

Year	Semester	Paper No.	Title of Paper
First	I	FSHT-101	Introduction to Forensic Science
		FSHT-102	Crime and Society
	II	FSHT-201	Criminal Law
		FSHT-202	Forensic Psychology
Second	III	FSHT-301	Forensic Dermatoglyphics
		FSHT-302	Technological Methods in Forensic Science
		FSHT-303	Criminalistics
	IV	FSHT-401	Forensic Chemistry
		FSHT-402	Questioned Documents
		FSHT-403	Forensic Biology
Third	V	FSHT-501	Forensic Ballistics
		FSHT-502	Forensic Toxicology
	VI	FSHT-601	Forensic Anthropology
		FSHT-602	Forensic Medicine

II. ELECTIVE COURSE

A. Discipline Specific	B. Generic Elective/Interdisciplinary
Two each in Semester V and VI. To be chosen from the following. DSE-1: Digital Forensics DSE-2: Economic Offences DSE-3: Forensic Serology DSE-4: Accident Investigations DSE-5: DNA Typing DSE-6: Dissertation (in Semester VI only)	One each in Semester I, II, III and IV. To be chosen from the following. GE-1: Physics GE-2: Chemistry GE-3: Botany GE-4: Zoology GE-5: Anthropology GE-6: Computer Science GE-7: Economics GE-8: Psychology

III. ABILITY ENHANCEMENT COURSE

1. Ability Enhancement Compulsory	2. Ability Enhancement Elective (Skill Based)
One each in Semester I and II. AECC-1: Environmental Science AECC-2: English/MIL Communication <i>The College will have an option to take either of the two papers in a particular Semester (I or II), while the students have to appear in both the papers.</i>	One each in Semester III and IV. To be chosen from the following. AEEC-1: Introduction to Biometry AEEC-2: Handwriting Identification and Recognition AEEC-3: Forensic Science and Society