



**NATIONAL LAW UNIVERSITY AND JUDICIAL ACADEMY, ASSAM**

**PROGRAMME: B.A.,LL.B. (HONS.) FYIC**

**DETAILS OF COURSE OFFERED**

**ODD SEMESTER (IX) – ACADEMIC YEAR .....**

<b>SL. NO</b>	<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>T/P</b>	<b>CR</b>	<b>CH</b>
<b>1</b>	<b>902 CR OP V</b>	<b>FORENSIC SCIENCE</b>	<b>4 PER WEEK</b>	<b>1 PER WEEK</b>	<b>4</b>	

**A. CODE AND TITLE OF THE COURSE: 902 CR OP V, FORENSIC  
SCIENCE**

**B. COURSE CREDIT: 4 (TOTAL MARKS 200)**

**C. MEDIUM OF INSTRUCTION: ENGLISH**

**D. COURSE COMPILED BY: DR.ISHRAT HUSAIN**

**E. COURSE INSTRUCTOR: DR.ISHRAT HUSAIN**

## **1. COURSE OBJECTIVES**

It is quite useful for the practicing Lawyers and fresh Law Graduates or students of Law to acquaint themselves with the nuances of law and its enforcement, it also gives an over view of sociological, criminological, psychological aspects of human behaviour and the methods used by enforcement agencies towards ensuring public safety, internal security, criminal investigation, police administration, prosecution management, judicial management, as well as correctional services.

The course focuses on various forms of evidence especially physical evidence being the medium, essence and foundation of proof and provides a comprehensive over view of current advances and emerging trends in handling physical evidence encountered in various types of crimes and application of latest forensic analytical techniques involving examination of Questioned Documents, Finger Prints, Ballistics, Explosives, Drugs & Narcotics, DNA, E-mail Frauds, Cyber Forensics, Audio-Video Forensics, Speaker Identification, Polygraph-Lie Detector, Forensic chemistry, Forensic Physics, Forensic Toxicology, Forensic Engineering, etc. The course also highlights the new forms of crime and the criminals indulging in White Collar crimes, Economic crimes, Narco-Terrorism, Drug trafficking, Human trafficking and other unlawful acts.

## **2. TEACHING METHODOLOGY**

Teaching will be mainly done through lectures by the principal teacher and the teaching assistants. Projects including the research paper presentations would offer an opportunity to learn and appreciate issues involved in the course, Group exercises will also be used for some topics. Notes in the text, case law and materials from the web shall be used to provide one with source documents.

## **3. COURSE OUTCOMES**

- The course is extremely useful for practicing legal professionals as well as other legal officers dealing with civil, criminal, statutory, regulations or other matters. Also beneficial to other working professionals in Criminal

Justice systems to enhance their understanding about the interdisciplinary issues in effective administration of justice for those seeking careers in the police, prosecution, judiciary, prisons, etc and also in the government, private, corporate and multinational companies in legal, fraud control, human resource, risk and compliance departments

- The knowledge will immensely help those dealing with vigilance, anti-corruption and security related duties.

#### 4. COURSE EVALUATION METHOD

The course shall be assessed for 200 marks. The Evaluation scheme would be as follows:

**Internal assessment: 70% (140 marks)**

**External assessment: 30% (60 marks)**

SL.NO	Internal Assessment	
1	2 Assignments	2 x 20 marks = 40 marks
2	Seminar/Group Discussion	20 marks
3	Class Test (Twice in a Semester)	2 x 35 marks = 70 marks
4	<b>Attendance in Class</b>	10 marks
5	Semester End Examination	60 marks

#### 5. DETAILED STRUCTURE OF THE COURSE (SPECIFYING COURSE MODULES AND SUB-MODULES)

##### MODULE - I

Forensic Science: History and Development of Forensic Science, Definition, Aims, Branches, Role and functions of different specialties in the modern context.

##### MODULE- II

Basic Principles of Forensic Science: Law of individuality, Principle of exchange, Law of progressive exchange, Principle of comparison, Principle of analysis, Law of probability. Ethical laws and duties in Forensic Science

### **MODULE - III**

Evidence: meaning and its several forms, Presentation of Expert Evidence: Data, Reports, Evidence in the Court, presenting counsel's contributions, defense counsel's role, court's participation. Evidentiary clue. Awareness of Forensic Science in crime investigation, Role of Media, Human Rights

### **MODULE – IV**

Criminal Justice System: Police personnel, experts and laboratories. Forensic Science

Laboratories in India: CFSL, FSL, GEQD, FPB, NICFS, Central Detective Training School,

NCRB (Maintenance of Crime Records), Mobile Forensic Science Laboratory.

## **6. PRESCRIBED READINGS**

Sharma B.R.(2005) Forensic Science in Criminal Investigation and Trials.(4thEdition), Universal Law Publishing Co. New Delhi.

Sharma B.R.(2006). Scientific Criminal Investigation, Universal Law Publishing Co. New Delhi.

Nanda, B.B. and Tewari, R.K. (2001) : Forensic Science in India : A vision for the twenty first century Select Publisher, New Delhi.

James, S.H and Nordby, J.J.. (2003) Forensic Science : An introduction to scientific and investigative techniques CRC Press, USA.

Barnett (2001) : Ethics in Forensic Science.

Osterburg : Crime Laboratory.

Saferstien : Forensic Science, Handbook, Vol. I, II & III, Prentice Hall Inc. USA.

Lundquest&Curry : Forensic Science, Vol I to IV, 1963, Charls C. Thomas, Illinois, USA

