



**Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore**  
**Shri Vaishnav Institute of Forensic Science**

**BA/B.Sc. with Major Criminology - Batch (2025-29)**

**SEMESTER- II**

COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BCR201	Major	Indian Criminal Justice System	60	20	20	60	40	4	0	4	6

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical.

**\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.**

**Course Objectives: The course aims to provide students with**

- Various Government Agencies enforcing law, adjudicating and in charge of correcting criminal conduct.
- How the Indian Criminal Justice System apprehends and control the anti-social behaviours and punish the offenders to deter the recurrence.
- The law enforcement agencies in India.

**Course Outcomes: After studying this course students will**

- Be able to identify various agencies encompassing the administration of justice and the inter- relationships between them.
- Be able to give an overview of the organization and operation of administration of justice agencies.
- Be able to understand usage of appropriate type of punishment theory.
- Be able to understand various correctional institution in India.
- Be able to analyze the legal liabilities and other consequences of police, prosecutorial, and judicial misconduct.

**Chairperson**  
Board of Studies- Forensic Science  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Chairperson**  
Faculty of Studies- Sciences  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Controller of Examination**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

## Shri Vaishnav Institute of Forensic Science

BA/B.Sc. with Major Criminology - Batch (2025-29)  
SEMESTER- II

**Unit I** - Criminal Justice Definition - The evolution of Criminal Justice System – Historical perspective – Criminal Justice system in western countries.

**Unit II** – Crime, Criminal intent, Law enforcement agencies, Agencies of Criminal Justice System - Police as an agency of Criminal Justice system – Court and Judiciary. Unfettered powers of police, role of revenue authorities (Collector, Tahsildhar...)

**Unit III** - Punishment –definition, nature and scope - Types of Punishments - Theories of Punishment: - Retributive theory - Preventive theory - Deterrence theory - Reformation theory.

**Unit IV** - Correctional Institutions in India – Historical development of correctional system in India – Probation – concept and scope – Probation in India – probation procedure

**Unit V** - Police and Constitution of India - Police Act – Role of police in social legislation enforcement – Human Rights issue – Up-holding Human Rights. (prison act, rules) Agencies of human rights.

### Suggested Reading:

1. Gaur.KD (2015); Criminal Law, Criminology and Administration of Criminal Justice Universal Law Publishing
2. Justice U.L ; Lectures on the Indian Evidence Act, Universal Law Pub Co.P.Ltd.-Delhi
3. Police Act – Bare Act Book
4. P D Sharam:Police and Criminal Justice System in India
5. G S Rajpal (2012); Criminal Justice System Reconsidered: Victim& Witness perspectives; ISBN: 8183875165

Field Visit to Criminal Justice Institutions

**Chairperson**  
Board of Studies- Forensic Science  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Chairperson**  
Faculty of Studies- Sciences  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Controller of Examination**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



**Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore**  
**Shri Vaishnav Institute of Forensic Science**

**BA/B.Sc. with Major Criminology - Batch (2025-29)**

**SEMESTER- II**

COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME									
			THEORY			PRACTICAL			L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BCR202	Minor	Criminalistics	60	20	20	60	40	4	0	4	6	

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical.

**\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.**

**Course Objectives: The course aims to provide students with**

- Various aspects of Civil and Criminal Cases.
- The Crime Scene Procedure and Crime Scene Reconstruction
- The examination of various physical evidences.

**Course Outcomes: After studying this course students will**

- Be able to differentiate between Civil and Criminal Cases
- Be able to understand the various standards and ethics in Forensic Science
- Be able to understand Crime scene procedures.
- Be able to understand the stages of Crime scene reconstruction.
- Be able to examine various physical evidences.

**Chairperson**  
Board of Studies- Forensic Science  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Chairperson**  
Faculty of Studies- Sciences  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Controller of Examination**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

## Shri Vaishnav Institute of Forensic Science

BA/B.Sc. with Major Criminology - Batch (2025-29)  
SEMESTER- II

### Unit I - Legal Aspects of Forensic Science:

Difference between a civil case & a criminal case, Case acceptance, case opening, and case examination, production of evidence, Expert Witness. Daubert and Frye standards. Ethics in Forensic Science

### Unit II Crime Scene Procedure:

Role of the First Responding Officer (First Officer at the Scene, Recording the Time, Assisting the Victim, Search for and Apprehension of Accused, Securing the Crime Scene), Initial Crime Scene Response, Crime Scene Communication. Securing and Isolating the Crime Scene. The evaluation of 5Ws (who, what, when, where, why?) and 1H (how?). Crime scene logs.

### Unit III Crime Scene Reconstruction:

Introduction to Crime Scene Reconstruction, Nature of Reconstruction, Stages in Reconstruction (Data Collection, Conjecture, Hypothesis formulation, Testing & Theory formation), Types of Reconstruction, Pattern Evidence in Reconstruction (Bloodstain Pattern Analysis for Reconstruction, Glass Fracture Patterns, Fire Burn Patterns, Tire and Skid Mark Patterns).

### Unit IV Introduction and Examination of Physical Evidence I

a) Soil b) Paint, b) Glass c) Tool marks, c) Skid marks, d) Digital evidence, e) Cement, f) Mortar & Concrete, g) Explosive and h) Arson Evidence

### Unit V Introduction and Examination of Physical Evidence II

Biological and Toxicological Evidence such as Blood, Semen, Saliva, Urine, Vomit, Viscera, Hair & Fibre.

**Chairperson**  
Board of Studies- Forensic Science  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Chairperson**  
Faculty of Studies- Sciences  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Controller of Examination**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

## Shri Vaishnav Institute of Forensic Science

BA/B.Sc. with Major Criminology - Batch (2025-29)  
SEMESTER- II

### Practicals:

1. To prepare a report on evaluation of crime scene.
2. To reconstruct crime scene. (indoor and outdoor).
3. To identify sequence of Glass Fracture.
4. To compare glass samples by refractive index method.
5. To compare soil samples by density gradient method.
6. To compare paint samples by physical matching method.
7. To identify and compare tool marks.
8. Preliminary Examination of Blood
9. Examination of Saliva
10. Morphology of Hair
11. Any other related to the course

### Suggested Readings:

1. M. Byrd, Crime Scene Evidence: A Guide to the Recovery and Collection of Physical Evidence, CRC Press, Boca Raton (2001).
2. T.J. Gardener and T.M. Anderson, Criminal Evidence, 4th Ed., Wadsworth, Belmont (2001).
3. S.H. James and J.J. Nordby, Forensic Science: An Introduction to Scientific and Investigative Techniques, 2nd Edition, CRC Press, Boca Raton (2005).
4. W.J. Tilstone, M.L. Hastrup and C. Hald, Fisher's, Techniques of Crime Scene Investigation, CRC Press, Boca Raton (2013).
5. Saferstein: Criminalistics – An Introduction to Forensic Science, Prentice hall Inc. USA 91995).
6. O' Hara & Osterberg : An Introduction to Criminalistics.
7. Sharma B R: Forensic Science in Criminal Investigation and trials.

**Chairperson**  
Board of Studies- Forensic Science  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Chairperson**  
Faculty of Studies- Sciences  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Controller of Examination**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore