

Dr. LANCY D'SOUZA, M.A., Ph.D.
Professor,
Chairperson (BOS in Crim & For.Science)
Department of Psychology
Maharaja's College
Mysore – 570 005. INDIA



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Dated 21-05-2025

To,

The Registrar
University of Mysore
Mysore – 570005

Respected Sir/Madam

Sub:- Submission of BOS proceedings and syllabus for the subject Criminology and Forensic Science

Ref: UA2/379/2013-2014, Dated: 05-05-2025

I am hereby submitting the proceedings, revised syllabus and panel of examiners (2024-25) for your kind information and needful.

Thank you.

Dr. Lancy D'Souza

Chairperson (BOS in Criminology & Forensic Science)

CHAIRPERSON
BOARD OF STUDIES (CB)
Criminology & Forensic Science
University of Mysore
Mysore-570 005

University of Mysore
Board of Studies (Combined) in Criminology and
Forensic Science, 21st May, 2025.

The meeting of the Board of Studies (Combined) for the approval of III and IV semesters courseware was convened on 21st May 2025 at the Dept of Psychology, Maharajas College, University of Mysore, Mysuru. The meeting commenced with the Chairman welcoming the members.

Members Present:

1. Dr. G.B. Aravind (Member)
2. Prof. S S Malini (Member)
3. Dr. Chandramouli (Member)
4. Mrs. Supriya C.B. (Member)
5. Mr. Francis Devasahayam
6. Prof. Lancy D'Souza (Chairperson)

[Handwritten signatures and dates for members present:]
21/05/2025
21/5/25
21.05.2025
21/05/25
21/5/25
21/5/25

Members Absent:

1. Dr. Gangadhar, M.N
2. Dr. Venumadhava G.S
3. Mr. Chandrashekar
4. Dr.S. Ramadass.

The meeting proceeded with the proposed agenda, contained in the letter intimated.

Agenda -

1. The board scrutinized III and IV semester course (syllabus) and approved it unanimously.
2. The open elective papers for III and IV semester course (syllabus) and approved it unanimously
3. List of examiners UG & PG for 2025-2026 was prepared and approved

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Dr. Lancy D'Souza
Chairperson, B.O.S. (C.B) Criminology and Forensic Science.
University of Mysore
Mysuru-576 005

CHAIRPERSON
BOARD OF STUDIES (CB)
Criminology & Forensic Science
University of Mysore
Mysore-570 005

No. UA2/277/2019-2020

Dated : 07-12-2022

NOTIFICATION

Sub. : Reconstitution of the Board of Studies in Criminology (CB).

Ref. : Decision of the Syndicate at its meeting held on 05-11-2022.

Pursuant to the decision of the Syndicate and approval of the Hon'ble Vice-chancellor, the **Board of Studies in Criminology (CB)** is reconstituted as per the Statutes framed under Section 33 (1) and (2) of the Karnataka State Universities Act 2000, with the following members for a period of **three years** with the following members for a period of **three years** or until further orders whichever is earlier and will come into effect from 11-02-2023.

1	Dr. Lancy D' Souza Dept. of Psychology, Maharaja's College, Mysuru	Chairman
2	Dr. G.B. Aravind Associate Professor and Coordinator of Forensic Science Dept. of Forensic Medicine and Toxicology, JSS Medical College SS Nagara, Bannimantap, Mysuru-570015.	Member
3	Mrs. Supritha C.S. Assistant Professor and HOD Criminology and Forensic Science, GFGC, KR Nagar, Mysuru Dist.	Member
4	Dr. Gangadhar M.R. DoS in Anthropology, Manasagangotri, Mysuru	Member
5	Dr. S.S. Malini DoS in Genetics and Genomics, Manasagangotri, Mysuru	Member
6	Dr. Chandramouli, DoS in Social Work, Manasagangotri, Mysuru	Member
7	Dr. G.S. Venumadhava Associate Professor and Chairman PGDOS in Criminology and Forensic Science, Karnatak University, Dharwad	Member
8	Mr. Chandrashekar S.V. Assistant Professor of Criminology and Criminal Justice Rani Chennamma University, Bootharamanahatti, Belagavi	Member
9	Dr. S. Ramdass Dept. of Criminology, University of Madras, Chepauk, Chennai-600 005	Member

To :

All the concerned members.

Copy to :

1. The Chairman, DoS in Criminology, Manasagangotri, Mysuru.
2. The Dean, Faculty of Arts/Science and Technology, Manasagangotri, Mysuru.
3. The Registrar (Evaluation), University of Mysore, Mysuru.
4. The Director, IQAC, Manasagangotri, Mysuru.
5. The Finance Officer, University of Mysore, Mysuru.
6. P.A. to the Vice-chancellor/Registrar/Registrar (Evaluation), University of Mysore, Mysuru.
7. The Deputy Registrar/Assistant Registrar/Superintendent (Academic), AB, UoM, Mysuru.
8. Office Copy.


REGISTRAR

UNIVERSITY OF MYSORE

DEPARTMENT OF CRIMINOLOGY & FORENSIC SCIENCE

MAHARAJA'S COLLEGE, MYSORE

COURSE: BA/BSc CRIMINOLOGY & FORENSIC SCIENCE

3rd Semester

SL.NO	CODE	TITLE	TYPE	L	T	P	CREDITS
1		Elements of Dermatoglyphics	DSC	3	-	-	3
2		Practical- Elements of Dermatoglyphics	DSC	-	-	2	2
3		Basics of Crime Scene Investigation	OE	2	-	-	2

4th Semester

SL.NO	CODE	TITLE	TYPE	L	T	P	CREDITS
1		Fundamentals of Criminal Laws	DSC	3	-	-	3
2		Practical- Fundamentals of Criminal Laws	DSC	-	-	2	2
3		Elements of Forensic Science	OE	2	-	-	2

Note:

NO CHANGE IN POSTGRADUATE SYLLABUS (MSc- Criminology & Forensic Science) AS RECOMMENDED BY THE BOARD.

UNIVERSITY OF MYSORE
III – SEMESTER B.A./B.Sc.
ELEMENTS OF DERMATOGLYPHICS

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Learning Objectives: *After studying this paper the students will know –*

- a. The history and fundamental principles of fingerprinting.*
- b. Application of Fingerprints as the most infallible means of identification.*
- c. The method of classifying criminal record by fingerprints was worked out in India, and by Indians.*
- e. The physical and chemical techniques of developing fingerprints on crime scene evidence.*

Unit I: Introduction to fingerprints

- a) Meaning, importance and historical development.
- b) Principles of Dactyloscopy.
- c) Organization of State and Central Fingerprint Bureaus.

Unit II: Identification and Classification of Patterns

- a) Recording of fingerprints.
- b) Identification of patterns and ridge characteristics.
- c) Henry's Primary and Secondary Classification.

Unit III: Chance Prints

- a) Meaning & Types.
- b) Development of Chance Prints – Powder, Liquid & Gaseous Method
- c) Recent Developments – Lifting & Preservation.

Unit IV: Footprints.

- a) Meaning, importance.
- b) Types of footprints.
- c) Methods of recording and lifting.
- d) Gait pattern.

BOOKS FOR REFERENCE

SL.	Name of the Author	Name of the Book
01	Bridges, Vollmer and Monair	Practical Fingerprinting
02	Chatterji S.K	Finger, palm and sole prints
03	Eshwara Yencera	<i>Beralu Mudregalu</i>
04	Goyal and Kapoor	Scientific aid to fingerprinting
05	Surendranath	Fingerprints
06	Venkiah	Law of Prints and Impressions

III SEMESTER

PRACTICAL

C1- 5 MARKS C2- 5 MARKS

C3- 40 MARKS

***Each practical is of 4 hours duration**

1. Recording of fingerprints.
2. Identification of patterns and ridge characteristics.
3. Primary and Secondary Classification of finger prints.
4. Development of fingerprints.
5. Tracing of Footprints.
6. Taking of Plaster cast of sunken footprints.

IV– SEMESTER B.A./B.Sc.

FUNDAMENTALS OF CRIMINAL LAWS

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Learning Objectives: After studying this paper the students will know –

- Elements of Bharatiya Nyaya Sanhita (BNS), to be aware of various forms of substantive offences.
- Bharatiya Nagarik Suraksha Sanhita (BNSS) related to police work and forensic science.
- Acts governing evidence to be used in a Court of Law- Bharatiya Sakshya Adhiniyam (BSA).

Unit I: Introduction to Bharatiya Nyaya Sanhita (BNS)

- Historical development.
- General Explanations
- General Exceptions

Unit II: Offence against Persons and Property (BNS)

- Culpable Homicide and Murder
- Hurt- Simple and Grievous
- Kidnapping and Abduction, Sexual offences.
- Theft and Extortion
- Robbery and Dacoity
- Cheating, Criminal trespass and House Breaking

Unit III: Bharatiya Nagarik Suraksha Sanhita (BNSS)

- Introduction, organization and powers of Criminal Law Courts in India.
- Police powers of arrest, search and seizure.
- Provisions regarding bail and bond, summons, warrants and proclamations.

Unit IV: Bharatiya Sakshya Adhiniyam (BSA)

- Historical development and Meaning.
- Admissions, Confessions and Dying Declarations.
- Experts, Oral and Documentary Evidence.
- Examination- in – Chief, Cross examination of Witness and Experts

BOOKS FOR REFERENCE

SL.	Name of the Author	Name of the Book
01	Rathan Lal and Dhiraj Lal	Bharatiya Nyaya Sanhita (BNS)
02	Rathan Lal and Dhiraj Lal	Bharatiya Nagarik Suraksha Sanhita (BNSS)
03	Rathan Lal and Dhiraj Lal	Bharatiya Sakshya Adhiniyam (BSA)

IV SEMESTER

PRACTICAL

C1- 5 MARKS C2- 5 MARKS

C3- 40 MARKS

***Each practical is of 4 hours duration**

1. Preparation of Simulated Summons
 - a) To accused.
 - b) To witness.
 - c) To produce a document or a thing. Petty Offence

2. Preparation of Simulated Warrants.
 - a) Warrant of arrest to an accused.
 - b) Warrant of arrest to a witness.
 - c) Warrants of search a suspected place of deposit
 - d) Warrants of seizure.

3. Preparation of Proclamations.
 - a) To accused.
 - b) To witness.

4. Visit to Court of Law & Preparation of Report

SEMESTER III

B.A/B.Sc CRIMINOLOGY AND FORENSIC SCIENCE - OPEN ELECTIVE

Title of the course: BASICS OF CRIME SCENE INVESTIGATION

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Course Outcome

- Understand the methods of securing, searching and documenting crime scenes.
- Capable to do the art of collecting, packaging and preserving different types of physical and trace evidence at crime scenes.
- Describe the legal importance of chain of custody.
- Understand the tools and techniques for analysis of different types of crime scene evidence.

Unit – 1 Crime Scene Preliminaries

- Crime Scene and its importance.
- Meaning and Types of crime scenes
- indoor and outdoor Mobile
- Primary, Secondary and Auxiliary.
- Securing and isolating the crime scene.
- Crime scene search methods.
- Safety measures at crime scenes.
- Legal considerations at crime scenes.

Unit – 2 Crime Scene Documentation

- Crime Scene Documentation and Its Importance
- Types of documentation of crime scenes
- Photography.
- Videography,
- Sketching and
- Recording notes.

Unit – 3 Duties at Crime Scene

- Duties of first responders at crime scenes.
- Coordination between police personnel and forensic scientists at crime scenes.
- The evaluation of 5Ws (who?, what?, when?, where?, why?) and 1H (how?).

Unit -4 Crime Scene Evidence Management.

- Classification of crime scene evidence
- Locard principle and Importance.
- Physical evidence and
- Trace evidence.

REFERENCES

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).

SEMESTER – IV: OPEN ELECTIVE

B.A/B.Sc. CRIMINOLOGY AND FORENSIC SCIENCE

Title of the Course: ELEMENTS OF FORENSIC SCIENCE

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Course Outcome

- Understand the definition, nature, scope, role of forensic science and historical background of forensic science
- Explain the basic elements, different branches and principles of forensic science.
- Describe the scope and importance of Central and State Forensic Science Laboratories
- Explain the role of the National Crime Record Bureau, BPRD and DTI

Unit-1: FUNDAMENTAL CONCEPTS OF FORENSIC SCIENCE

- Definitions, Nature, Scope and Role of Forensic Science.
- Historical Development and Contribution of Pioneers
- Principles of Forensic Science

Unit-2: FORENSIC SCIENCE LABORATORY

- Organization of Directorate of Forensic Institutions- State Forensic Science Laboratories
- Divisions of Forensic Science Laboratories and its Functions
- Frye Case and Daubert Standards.

Unit- 3: TRAINING INSTITUTES

- Central Forensic Science Laboratories,
- State Fingerprint Bureaus.
- National Crime Records Bureau,
- Police and Detective Training Institutes,
- Bureau of Police Research and Development.

Unit 4: Forensic Ballistics and Explosives:

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

REFERENCES

1. B.B. Nanda and R.K. Tiwari, Forensic Science in India: A Vision for the Twenty First Century, Select Publishers, New Delhi (2001).
2. M.K. Bhasin and S. Nath, Role of Forensic Science in the New Millennium, University of Delhi, Delhi (2002).
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.G. Eckert and R.K. Wright in Introduction to Forensic Sciences, 2nd Edition, W.G. Eckert (ED.), CRC Press, Boca Raton (1997).
5. R. Safferstein, Criminalistics, 8th Edition, Prentice Hall, New Jersey (2004).

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University of Mysore
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Members Present:

1. Dr. G.B. Aravind (Member)
2. Prof. S S Malini (Member)
3. Dr. Chandramouli (Member)
4. Mrs. Supriya C.B. (Member)
5. Mr. Francis Devasahayam
6. Prof. Lancy D'Souza (Chairperson)

[Handwritten signatures and dates for members present:]
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Members Absent:

1. Dr. Gangadhar, M.N
2. Dr. Venumadhava G.S
3. Mr. Chandrashekar
4. Dr.S. Ramadass.

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Agenda -

1. The board scrutinized III and IV semester course (syllabus) and approved it unanimously.
2. The open elective papers for III and IV semester course (syllabus) and approved it unanimously
3. List of examiners UG & PG for 2025-2026 was prepared and approved

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University of Mysore
Mysuru-576 005

CHAIRPERSON
BOARD OF STUDIES (CB)
Criminology & Forensic Science
University of Mysore
Mysore-570 005

No. UA2/277/2019-2020

Dated : 07-12-2022

NOTIFICATION

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9	Dr. S. Ramdass Dept. of Criminology, University of Madras, Chepauk, Chennai-600 005	Member

To :

All the concerned members.

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2. The Dean, Faculty of Arts/Science and Technology, Manasagangotri, Mysuru.
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7. The Deputy Registrar/Assistant Registrar/Superintendent (Academic), AB, UoM, Mysuru.
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REGISTRAR

UNIVERSITY OF MYSORE

DEPARTMENT OF CRIMINOLOGY & FORENSIC SCIENCE

MAHARAJA'S COLLEGE, MYSORE

COURSE: BA/BSc CRIMINOLOGY & FORENSIC SCIENCE

3rd Semester

SL.NO	CODE	TITLE	TYPE	L	T	P	CREDITS
1		Elements of Dermatoglyphics	DSC	3	-	-	3
2		Practical- Elements of Dermatoglyphics	DSC	-	-	2	2
3		Basics of Crime Scene Investigation	OE	2	-	-	2

4th Semester

SL.NO	CODE	TITLE	TYPE	L	T	P	CREDITS
1		Fundamentals of Criminal Laws	DSC	3	-	-	3
2		Practical- Fundamentals of Criminal Laws	DSC	-	-	2	2
3		Elements of Forensic Science	OE	2	-	-	2

Note:

NO CHANGE IN POSTGRADUATE SYLLABUS (MSc- Criminology & Forensic Science) AS RECOMMENDED BY THE BOARD.

UNIVERSITY OF MYSORE
III – SEMESTER B.A./B.Sc.
ELEMENTS OF DERMATOGLYPHICS

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Learning Objectives: After studying this paper the students will know –

- a. The history and fundamental principles of fingerprinting.*
- b. Application of Fingerprints as the most infallible means of identification.*
- c. The method of classifying criminal record by fingerprints was worked out in India, and by Indians.*
- e. The physical and chemical techniques of developing fingerprints on crime scene evidence.*

Unit I: Introduction to fingerprints

- a) Meaning, importance and historical development.
- b) Principles of Dactyloscopy.
- c) Organization of State and Central Fingerprint Bureaus.

Unit II: Identification and Classification of Patterns

- a) Recording of fingerprints.
- b) Identification of patterns and ridge characteristics.
- c) Henry's Primary and Secondary Classification.

Unit III: Chance Prints

- a) Meaning & Types.
- b) Development of Chance Prints – Powder, Liquid & Gaseous Method
- c) Recent Developments – Lifting & Preservation.

Unit IV: Footprints.

- a) Meaning, importance.
- b) Types of footprints.
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04	Goyal and Kapoor	Scientific aid to fingerprinting
05	Surendranath	Fingerprints
06	Venkiah	Law of Prints and Impressions

III SEMESTER

PRACTICAL

C1- 5 MARKS C2- 5 MARKS

C3- 40 MARKS

***Each practical is of 4 hours duration**

1. Recording of fingerprints.
2. Identification of patterns and ridge characteristics.
3. Primary and Secondary Classification of finger prints.
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5. Tracing of Footprints.
6. Taking of Plaster cast of sunken footprints.

IV– SEMESTER B.A./B.Sc.

FUNDAMENTALS OF CRIMINAL LAWS

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Learning Objectives: After studying this paper the students will know –

- Elements of Bharatiya Nyaya Sanhita (BNS), to be aware of various forms of substantive offences.
- Bharatiya Nagarik Suraksha Sanhita (BNSS) related to police work and forensic science.
- Acts governing evidence to be used in a Court of Law- Bharatiya Sakshya Adhiniyam (BSA).

Unit I: Introduction to Bharatiya Nyaya Sanhita (BNS)

- Historical development.
- General Explanations
- General Exceptions

Unit II: Offence against Persons and Property (BNS)

- Culpable Homicide and Murder
- Hurt- Simple and Grievous
- Kidnapping and Abduction, Sexual offences.
- Theft and Extortion
- Robbery and Dacoity
- Cheating, Criminal trespass and House Breaking

Unit III: Bharatiya Nagarik Suraksha Sanhita (BNSS)

- Introduction, organization and powers of Criminal Law Courts in India.
- Police powers of arrest, search and seizure.
- Provisions regarding bail and bond, summons, warrants and proclamations.

Unit IV: Bharatiya Sakshya Adhiniyam (BSA)

- Historical development and Meaning.
- Admissions, Confessions and Dying Declarations.
- Experts, Oral and Documentary Evidence.
- Examination- in – Chief, Cross examination of Witness and Experts

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03	Rathan Lal and Dhiraj Lal	Bharatiya Sakshya Adhiniyam (BSA)

IV SEMESTER

PRACTICAL

C1- 5 MARKS C2- 5 MARKS

C3- 40 MARKS

***Each practical is of 4 hours duration**

1. Preparation of Simulated Summons
 - a) To accused.
 - b) To witness.
 - c) To produce a document or a thing. Petty Offence

2. Preparation of Simulated Warrants.
 - a) Warrant of arrest to an accused.
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 - c) Warrants of search a suspected place of deposit
 - d) Warrants of seizure.

3. Preparation of Proclamations.
 - a) To accused.
 - b) To witness.

4. Visit to Court of Law & Preparation of Report

SEMESTER III

B.A/B.Sc CRIMINOLOGY AND FORENSIC SCIENCE - OPEN ELECTIVE

Title of the course: BASICS OF CRIME SCENE INVESTIGATION

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Course Outcome

- Understand the methods of securing, searching and documenting crime scenes.
- Capable to do the art of collecting, packaging and preserving different types of physical and trace evidence at crime scenes.
- Describe the legal importance of chain of custody.
- Understand the tools and techniques for analysis of different types of crime scene evidence.

Unit – 1 Crime Scene Preliminaries

- Crime Scene and its importance.
- Meaning and Types of crime scenes
- indoor and outdoor Mobile
- Primary, Secondary and Auxiliary.
- Securing and isolating the crime scene.
- Crime scene search methods.
- Safety measures at crime scenes.
- Legal considerations at crime scenes.

Unit – 2 Crime Scene Documentation

- Crime Scene Documentation and Its Importance
- Types of documentation of crime scenes
- Photography.
- Videography,
- Sketching and
- Recording notes.

Unit – 3 Duties at Crime Scene

- Duties of first responders at crime scenes.
- Coordination between police personnel and forensic scientists at crime scenes.
- The evaluation of 5Ws (who?, what?, when?, where?, why?) and 1H (how?).

Unit -4 Crime Scene Evidence Management.

- Classification of crime scene evidence
- Locard principle and Importance.
- Physical evidence and
- Trace evidence.

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4. W.J. Tilstone, M.L. Hastrup and C. Hald, Fisher's, Techniques of Crime Scene Investigation, CRC Press, Boca Raton (2013).

SEMESTER – IV: OPEN ELECTIVE

B.A/B.Sc. CRIMINOLOGY AND FORENSIC SCIENCE

Title of the Course: ELEMENTS OF FORENSIC SCIENCE

C1- 10 MARKS, C2- 10 MARKS

C3- 80 MARKS

Course Outcome

- Understand the definition, nature, scope, role of forensic science and historical background of forensic science
- Explain the basic elements, different branches and principles of forensic science.
- Describe the scope and importance of Central and State Forensic Science Laboratories
- Explain the role of the National Crime Record Bureau, BPRD and DTI

Unit-1: FUNDAMENTAL CONCEPTS OF FORENSIC SCIENCE

- Definitions, Nature, Scope and Role of Forensic Science.
- Historical Development and Contribution of Pioneers
- Principles of Forensic Science

Unit-2: FORENSIC SCIENCE LABORATORY

- Organization of Directorate of Forensic Institutions- State Forensic Science Laboratories
- Divisions of Forensic Science Laboratories and its Functions
- Frye Case and Daubert Standards.

Unit- 3: TRAINING INSTITUTES

- Central Forensic Science Laboratories,
- State Fingerprint Bureaus.
- National Crime Records Bureau,
- Police and Detective Training Institutes,
- Bureau of Police Research and Development.

Unit 4: Forensic Ballistics and Explosives:

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

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4. W.G. Eckert and R.K. Wright in Introduction to Forensic Sciences, 2nd Edition, W.G. Eckert (ED.), CRC Press, Boca Raton (1997).
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