

COURSE CREDIT

P.G. DIPLOMA COURSE IN LEGAL AND FORENSIC SCIENCE (ANNUAL SCHEME)

| S. NO. | PAPER CODE | PAPER NAME | COURSE CODE 130 | | | | DURATION OF ANNUAL EXAM IN HOURS |
|----------------|---------------------|--|-----------------|-----|----|------------------------------|----------------------------------|
| | | | L | PR | C | MAXIMUM MARKS IN EXAMINATION | |
| 1. | D.F.S.: 1301 | CRIMINAL JURISPRUDENCE AND EVIDENCE LAW | 4 | --- | 4 | 100 | 3 |
| 2. | D.F.S.: 1302 (A) | THEORY- IDENTIFICATION OF INDIVIDUALS | 3 | --- | 3 | 80 | 3 |
| | D.F.S.: 1302 (B) | PRACTICAL | --- | 1 | 1 | 20 [10+5+5] | --- |
| 3. | D.F.S.: 1303 (A) | THEORY- IDENTIFICATION OF FINGER PRINTS AND HAND WRITING | 3 | --- | 3 | 80 | 3 |
| | D.F.S.: 1303 (B) | PRACTICAL | --- | 1 | 1 | 20 [10+5+5] | --- |
| 4. | D.F.S.: 1304 (A) | THEORY- IDENTIFICATION OF OBJECTS | 3 | --- | 3 | 80 | 3 |
| | D.F.S.: 1304 (B) | PRACTICAL | --- | 1 | 1 | 20 [10+5+5] | --- |
| 5. | D.F.S.: 1305 | MEDICAL JURISPRUDENCE AND FORENSIC SCIENCE | 4 | --- | 4 | 100 | 3 |
| 6. | D.F.S.: 1306 | DISSERTATION | 1 | 3 | 4 | 100 [70+30] | --- |
| TOTAL = | | | 18 | 6 | 24 | | |

TOTAL CONTACT HOURS PER WEEK = 18 + 6 = 24

TOTAL COURSE CREDIT = 24

* L = LECTURES

* PR = PRACTICAL

*C = CREDITS

**2.II. (3) ONE YEAR POST-GRADUATE DIPLOMA COURSE IN
LEGAL AND FORENSIC SCIENCE**

ELIGIBILITY FOR ADMISSION:

A candidate who after having passed the examination of B.A.LL.B. Five Years or LL.B. Three Years Course with at least 48% marks in the aggregate or M.Sc. or B.Sc. with at least 50% marks in the aggregate of this University or of any other Indian University recognized for the purpose by the Board of Management shall be permitted to appear at the examination in the Diploma course in Legal and Forensic Science after having pursued a regular course of study in the university for one academic year.

The Candidate shall be admitted as per following ratio:

- | | |
|----------------------------|-----------|
| (a) For LL.B Students | 60% seats |
| (b) For M.Sc. Students | 20% seats |
| (c) For B.Sc. Ist Division | 20% seats |

A candidate who has passed the B.A.LL.B.Five Years or LL.B. Three Years Degree Course with a minimum of 48% of the State Universities of Rajasthan or an examination of some other University recognized by the Board of Management of the University as equivalent thereto shall be permitted for the admission in the post graduate diploma in Legal and Forensic Science.

Note : A candidate holding the LL.B.(Academic) Degree shall not be eligible for admission to the Course.

Every candidate for the Post-graduate Diploma Course in Legal and Forensic science shall be permitted to appear at the examination subject to having pursued a regular course of study for one academic year in any affiliated college of the State Universities of Rajasthan.

Every candidate for the Diploma Course in Legal and Forensic Science shall be examined in the following six papers in theory and practical examination separately. The theory paper shall be of three hours duration and practical paper shall be of five hours (one day).

Every candidate for Post-graduate Diploma Course in Legal and Forensic Science shall be examined in the following Paper of 100 marks each and Papers I to V shall be of three hours duration each. Also to strengthen the *research aspect* of the students at the post graduate level in the legal stream, the last paper of this course has been proposed as “Dissertation” topic of which should relate to the recent topic in the field of this PG Course strictly subject to the guidelines issued by this University so as to make the students well equipped in the research skills.

THE NOMENCLATURE OF ALL THE SIX PAPERS:

PAPER DFS 1301. : CRIMINAL JURISPRUDENCE AND EVIDENCE LAW

PAPER DFS 1302.:(A): THEORY- IDENTIFICATION OF INDIVIDUALS

PAPER DFS 1302.:(B): PRACTICAL

PAPER DFS 1303.:(A): THEORY- IDENTIFICATION OF FINGER PRINTS AND
HAND WRITING

PAPER DFS 1303.:(B): PRACTICAL

PAPER DFS 1304.:(A): THEORY- IDENTIFICATION OF OBJECTS

PAPER DFS 1304.:(B): PRACTICAL

PAPER DFS 1305.:. MEDICAL JURISPRUDENCE AND FORENSIC SCIENCE

PAPER DFS 1306. : DISSERTATION

PAPER DFS 1301.:

CRIMINAL JURISPRUDENCE AND EVIDENCE LAW

SCHEME OF PAPER:

MAX. MARKS: 100

MIN. PASS MARKS: 40

- (1) There shall be ten questions in the theory examination paper. The candidate is required to attempt any five questions. All questions carry equal marks.
- (2) The syllabus includes latest amendments in the subject wherever applicable.

The nature of crime, principles of criminal jurisprudence with special reference to Article 21 Current Causal Theories Relating to Criminal Behaviour; Common link and cohesion between Legal Professional and behavioural Scientists :

Effectiveness of various alternative, Social and legal devices in controlling deviant behaviour in handling of delinquents, including Juvenile, Approaches and Methods of Crime Detection, Social Rote and Police Behaviour.

Tactical and Practical application of Criminal Law techniques of trying criminal case investigation discovery and trial preparation F.I.R. its legal value investigation into cognizable and non- cognizable offences, inspection of the scene of occurrence and collection of material from the place of occurrence. Police Diaries and Registers.

Qualification of an expert, Admissibility of Expert evidence, Examination of Expert, Admissibility of non-Expert Evidence, Comparison of Admitted writings with the Disputed writings its Evidentiary value, Legality of Conviction based on Expert Evidence, Value and Credibility of Expert opinion Duty of Court to examine expert, onus of proof Expert as a witness.

Fundamental Principles of Investigation, Powers Duties and Functions of Investigators, Police Personnel, Prevention of Crime, Preconceived Theories, Essential qualities of an investigator interrogation of witness and accused.

General Procedure in an Investigation, Investigation in Death cases. Investigation in Sex offences. Apprehension of the Fugitive; Surveillance Interrogation, Techniques, Professional and Habitual offenders, racket investigations, International Crime - Interpol, Search and Seizure.

BOOKS RECOMMENDED:

- ★ Law of Evidence (Set of 04 Volumes) Author: Woodroffe & Amir Ali

(Revised by B M Prasad & Manish Mohan) 20th Edition 2017 Lexis Nexis

- ★ Indian Evidence Act Author: Dr V Nageswara Rao Edition: 2nd Edition, 2015 Lexis Nexis
- ★ Textbook on The Law of Evidence, Chief Justice M Monir, Edition: 11th, 2018, Universal Law Publishing
- ★ V. P. Sarathi Law of Evidence, By Abhinandan Malik 07th Edition, 2017, Reprinted 2018 Eastern Book Company
- ★ Avtar Singh, Principles of the Law of Evidence, 23rd Ed. 2018 Central Law Publishers
- ★ Ded, R L Criminology, Criminal Law And Investigation
- ★ Gupta, R.L. : Law Relation To Identification And Expert Opinion.
- ★ Hall : Studies in Jurisprudence and Criminals
- ★ Hans Gross, John Adam and j. Collya Adam : Criminal Investigation.
- ★ Hardless and shrivastava : Case Law on Export Evidence Col. Maurice Fitzgcrad : Hand Book of Criminal Investigation.
- ★ Harry Soderman : Modern Criminal Investigation
- ★ Keller, R.V. : Outlines Of Criminal Procedure (1984 ed.)
- ★ Ratan Lal : Criminal Procedure Code, 1973
- ★ Ratan Lal : Indian Evidence Act. 1872
- ★ Richard L Jackson : Criminal Investigation.

PAPER DFS 1302.:

(A) THEORY- IDENTIFICATION OF INDIVIDUALS

SCHEME OF PAPER:

MAX. MARKS: 80

MIN. PASS MARKS: 32

- (1) There shall be ten questions in the examination paper. The candidate is required to attempt any five questions. All questions carry equal marks.
- (2) The syllabus includes latest amendments in the subject wherever applicable.

Identification of Race, Sex, Age, Classification, Hair, Anthropometry, Foot Prints, dactylography, Scars, Tatoo, Marks, Hand writing, Occupation Marks, Gait etc

Examination of body fluids and others to secure incrimination evidence from within the body of the accused such as :(a) A. Blood stain, B. Seminal stain, C. Vomit D. Urine, E. Stool, F. Saliva, G. C.S.F., (Cerebrospinal Fluid)(b)A. Skin, B. Hair C. Nail, Taking of photographs removing incrimination evidence from outside the body of the accused.

(A)Identification of Weapons and Firearm ammunitions in relation to injuries. Fluoroscopic examination of the body and extraction of foreign objects.

(B) Salient features of injury report and post mortem report, Medical certificate.

Examination to determine insanity: A. Delusion B. Hallucination C. Elusion D. Impulse E. Obsession F. Lucid internal G. Pain and true insanity H. Restraint of the insane I. Physiological and psychological test.

(a) Identification and salient features of common poisons (b) Preservation of Viscera and other material and (c) The Identification of Prisoners Act, 1920 and the Prisoners Act, 1984.

BOOK RECOMMENDED:

- ★ Gupta R.L. : Law Relating to Identification and Expert Evidence.
- ★ Mitter : Law of Identification and Discovery
- ★ Wilder, W.W. and Wenworth, B : Personal Identification
- ★ Tripathi : Self-incrimination : Physical and Medical Examination of the Accused.
- ★ Osterburg, James, N.:Crime Laboratory
- ★ Harry Soderman : Modern Criminal Investigation
- ★ Nigel Morlaud : An outline of Scientific Criminology
- ★ Jhala, R.M. : Criminal Investigation and Medical Science

PAPER DFS 1302.:

(B) PRACTICAL - IDENTIFICATION OF INDIVIDUALS

SCHEME OF PAPER:

Max. Marks : 20

Min. Marks : 08

Duration of Practical Examination

5 Hours (one day)

The Candidate must pass in theory and practical examinations separately.

*1. Practical exercise and specimen from the prescribed syllabus in relation to

Identification of Individuals 10 Marks

*2. Practical Record book 05 Marks

*3. Viva-Voce 05 Marks

*Viva-voce examination of 20 Marks shall be conducted and evaluated on the basis of above points 1. and 2. submitted by the candidate and his/her performance at the viva-voce examination by a Committee of two persons in which, there shall be One Internal Examiner and One External Examiner. In case of discrepancy in the awards, the awards given by the External Examiner shall be final and binding.

PAPER DFS 1303.:

(A) THEORY- IDENTIFICATION OF FINGER PRINTS AND HAND WRITING

SCHEME OF PAPER:

MAX. MARKS: 80

MIN. PASS MARKS: 32

- (1) There shall be ten questions in the theory examination paper. The candidate is required to attempt any five questions. All questions carry equal marks.
- (2) The syllabus includes latest amendments in the subject wherever applicable.

Finger Prints: History of Finger Prints; Ridge Formation - Ridge, Destruction and Types of Finger print patterns-pattern interpretation.

Ridge characteristics-Ridge counting, Ridge tracing; The Finger print outfit-Recording finger prints, and Functions of the Finger Print card-Special circumstances.

Latent Finger Print Crime Scene procedure; Primary Classification; Sub-Classification: Unlettered loop; Whorl Lettered Loop.

Latent finger Print; Combinations and approximating patterns; Preparing Finger Prints for court, and F.B.L. Examination to the Henry System

The Finger print witness in court case histories; Identification of Palm and Foot Print, and Bureau, Operation and Records.

Hand Writing:

Languages and dialects of India; Standards of Comparison Identification of hand writing, whether a science, general characteristics of hand writing; Writing habits, comparison of different hand writings personal characteristics.

Forgery, disguised writing different inks, additions alterations, erasures and sequence of strokes.

Examination of documents including currency notes and valuable securities in doubt, past hand writing of accused hand writing by left and right hand comparison of different curves in present and past hand writing.

BOOKS RECOMMENDED :

- ★ Blackburn, D and Codel. C.W. : Detection of Forgery
- ★ Brewster, F : Finger Prints, Eastern Law House, Calcutta
- ★ Chatterjee S.K. : Finger, Palm and sole Prints.
- ★ Collins, G.S. : Finger Print Clause (H.M.S.O.)
- ★ Fidd Ania T. : Finger Print Hand Book
- ★ Finger Prints and Bslitis (1960), Eastern Book Co. Luckow.

- ★ Gatton, S : Finger Prints.
- ★ Gregory R.A. : Identification of Disputed Documents
- ★ Gregory, R.A. : Identification of Disputed Documents, Finger Prints and Ballistics.
- ★ Harry Soderman : Modern Criminal Investigation
- ★ Henry, E : Classification and Use of Finger Prints.
- ★ Medico Legal Society vol. XXIV
- ★ Nigel Morland : An Outline of Scientific Criminology
- ★ Osterburg, James, W : Crime Laboratory
- ★ Smith Henry : The Forgery of Finger Print, Transaction
- ★ Smith Henry : The Forgery of Finger Print-Transaction

PAPER DFS 1303.:

(B) PRACTICAL- IDENTIFICATION OF FINGER PRINTS AND HAND WRITING

SCHEME OF PAPER:

Max. Marks : 20

Min. Marks : 08

Duration of Practical Examination

5 Hours (one day)

The Candidate must pass in theory and practical examinations separately:

The distribution of marks for practical examination shall be as under:

*1. # Five practical exercises from the prescribed syllabus relating to:

Identification of Finger Prints 05 Marks

Identification of Hand Writing 05 Marks

*2. Practical Record book 05 Marks

*3. Viva-Voce 05 Marks

*Viva-voce examination of 20 Marks shall be conducted and evaluated on the basis of above points 1. and 2. submitted by the candidate and his/her performance at the viva-voce examination by a Committee of two persons in which, there shall be One Internal Examiner and One External Examiner. In case of discrepancy in the awards, the awards given by the External Examiner shall be final and binding.

The Affiliating College offering this PG Diploma course is free to opt three (03) practical exercises for Identification of Finger Prints and two (02) practical exercises for Identification of Hand Writing **or vice-versa** but in no case the final maximum marks will be altered.

PAPER DFS 1304.:

(A) THEORY- IDENTIFICATION OF OBJECTS

SCHEME OF PAPER:

MAX. MARKS: 80

MIN. PASS MARKS: 32

- (1) There shall be ten questions in the theory examination paper. The candidate is required to attempt any five questions. All questions carry equal marks.
- (2) The syllabus includes latest amendments in the subject wherever applicable.

Identification of type writing, fibre identification paints, varnishes, glass, wood and paper identifications.

Identification of ballistics, dust, dirt, debris, ashes soil and powers.

Identification of liquids and chemicals, identification of poison, explosives, clothes, fire arms and bullets, weapons, tools, instruments and metals.

Identification of Vehicular colour detection in accident cases, imprints on object other than fingers poison effects and death while lightening and electricity.

The Provisions of Food Adulteration Act, the Arms Act and the Fire Arms and Explosive Act relating to identification of objects.

BOOKS RECOMMENDED :

- ★ Ajyar : Law and Practice of Arms, Ammunition and Explosives (1985 Ed.)
- ★ Firearms in Criminal Investigation and Trial
- ★ Gregory, R.A.: Identification of disputed documents. Finger Prints and Ballistics (1960), Eastern Book Co., Lucknow.
- ★ Gupta, R.L. Law Relating to Identification and Expert opinion and Firearm injuries
- ★ Harry Soderman : Modern criminal Investigation
- ★ Malik, Vijay : The Explosives Act. 1984 and Explosives Substance Act. 1908
- ★ Nigel Morland : An Outline of Scientific Criminology
- ★ Osterdurg, James, K.S. : Crime Laboratory

PAPER DFS 1304.:

(B) PRACTICAL- IDENTIFICATION OF OBJECTS

SCHEME OF PAPER:

Max. Marks: 20

Min. Marks : 08

Duration of Practical Examination

5 Hours (one day)

The Candidate must pass in theory and practical examinations separately:

The distribution of marks for practical examination shall be as under:

*1. Five practical exercises from the prescribed syllabus relating to

Identification of Finger Print 10 Marks

*2. Practical Record book 05 Marks

*3. Viva-Voce 05 Marks

*Viva-voce examination of 20 Marks shall be conducted and evaluated on the basis of above points 1. and 2. submitted by the candidate and his/her performance at the viva-voce examination by a Committee of two persons in which, there shall be One Internal Examiner and One External Examiner. In case of discrepancy in the awards, the awards given by the External Examiner shall be final and binding.

PAPER DFS 1305.:

MEDICAL JURISPRUDENCE AND FORENSIC SCIENCE

SCHEME OF PAPER:

MAX. MARKS: 100

MIN. PASS MARKS: 40

- (1) There shall be ten questions in the theory examination paper. The candidate is required to attempt any five questions. All questions carry equal marks.
- (2) The syllabus includes latest amendments in the subject wherever applicable.

Post mortem examination; Examination of mutilated bodies; Examination of bones and Exhumation.

Death - Definition, Modes

Signs of death - Changes in eye; Changes in skin; Cooling of body; Post-Mortem staining; Changes in muscles; Purification; Depicare and Mummification

Death from Asphyxia and other types :

(A)(a) Hanging (b) strangulation (c) Suffocation (d) Drowning

(B)(a) Starvation

Injuries : Medico-legal Aspects of injuries, burns. Lightening, electricity and mechanical violence, Suicidal, Homicidal and Accidental injuries.

Virginity; Pregnancy; Legitimacy; Sexual offences, examination of victim and accused; Sodomy

- Examination of the active and passive agent; Miscarriage and Infanticide; Child born alive and still born causes of infanticide, Law in relation to medical men and Duties of physician, professional negligence and responsibility.

BOOKS RECOMMENDED:

- ★ Dougals, J.A. Ken : Forensic Medicines
- ★ Jhala, R.M. and Raju, V.B. : Medical Jurisprudence.
- ★ Lyons : Medical Jurisprudence for India
- ★ Prakh, C. K. : A Simplified Text Book of Medical Jurisprudence and Toxicology
- ★ Singhal, L.J. : Forensic Medicines
- ★ Taylor : Principles and practice of Medical Jurisprudence, Vol. I. & II.

PAPER DFS 1306.:

DISSERTATION

SCHEME OF PAPER:

MAX. MARKS: 100

MIN. PASS MARKS: 40

This paper will have two Components:

- a) Dissertation (Written Part) 70 Marks (To be evaluated by three different experts)
b) Viva – Voce (External) 30 Marks (To be conducted by the University)

The candidate must pass in Parts A and B separately. For passing, he/she shall be required to obtain 40 percent marks in each part, i.e. 28 marks out of 70 and 12 marks out of 30.

OBJECTIVES OF THE COURSE:

This paper consists of the “Dissertation” which will comprise of writing a short thesis on a leading / recent topic which should relate to any of the five various papers of this PG Diploma Course so as to make the student become skilled at the related aspect of the selected topic in details which will, at large, test the research capabilities, aptitude and skills of the candidate followed by Viva-Voce in the subject to test the overall presentation skills of the candidate.

A) Dissertation (Written Part)

70 Marks

Sequence of Pages: Cover Page/ Certificate/ Declaration/ Acknowledgments/ Abbreviations/Table of Cases/ Contents/ Main Text/ Bibliography/ Appendixes

Note: The Students are advised to refer to the samples but in no case it should limit the creativity in writing.

B) Viva – Voce (External)

30 Marks

Dissertation shall be evaluated by one Internal and one External Examiner and the decision of External Examiner shall be final and binding.

GENERAL GUIDELINES RELATING TO DISSERTATION:

- ⊗ The dissertation should be minimum of 100 (one hundred) pages in total, shall be hard bound and top cover page shall be **DARK NAVY BLUE** with **SILVER** embossing of letters.

- ⊗ The Viva-Voce for the Dissertation shall be conducted by One Internal and One External Examiner.
- ⊗ For the Viva-Voce, the candidate shall prepare a 10-15 Minutes PPT or Oral Presentation of the research work in consultation with his/her supervisor which he/she shall be required to present before the External Examiner on a date fixed by the University in each Academic Session as per rules.
- ⊗ To pass this paper, it is mandatory for the candidate to appear in the Viva-Voce personally, in the same academic session, on the date notified by the University.
- ⊗ No Grace Marks shall be awarded for Viva-Voce Examination.
- ⊗ Four (04) Copies of Dissertation shall be submitted by the candidate to the University on or before the last date mentioned in the notice issued by the University [Three for External Examiners and One for Supervisor].
- ⊗ There shall be no revaluation of the dissertation.
- ⊗ EACH SUPERVISOR SHALL ENSURE THAT THE DISSERTATION SUBMITTED BY THE CANDIDATE QUALIFIES THE RESEARCH ETHICS.