**COURSE STRUCTURE**

**LL.M. TWO YEARS (2022-2023)**

 **Group**

**Medico Legal – ♯**

**FIRST SEMESTER**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subject Code** |  **Paper**  | **L** | **Credits** | **Total Marks** |
| Internal | External | **Total** |
| LLM-101 | Research Methodology and Legal Writing | 5 | 3 | 20 | 80 | 100 |
| LLM-102 | Indian Constitutional Law: The New Challenges | 5 | 3 | 20 | 80 | 100 |
| LLM-103 **♯** | Legal Foundation of Health in India  | 5 | 3 | 20 | 80 | 100 |
| LLM-104 **♯** | Medical Jurisprudence | 5 | 3 | 20 | 80 | 100 |
|  | **Sub Total** | **20** | **12** |  |  | **400** |
| **SECOND SEMESTER** |
| LLM-201 | Law and Social Transformation in India | 5 | 3 | 20 | 80 | 100 |
| LLM-202 **♯** | Medical Professional & Patient- The Legal Relationship | 5 | 3 | 20 | 80 | 100 |
| LLM-203 **♯** | Toxicology  | 5 | 3 | 20 | 80 | 100 |
|  | **Sub Total** | **15** | **9** |  |  | **300** |
| **THIRD SEMESTER** |
| LLM-301**♯** | Forensic medicine - I | 5 | 3 | 20 | 80 | 100 |
| LLM-302 **♯** | Forensic medicine - II | 5 | 3 | 20 | 80 | 100 |
| LLM-303 **♯** | Practical Training (Teaching Assistance) | 5 | 3 | 20 | 80 | 100 |
|  |  **Sub Total** | **15** | **9** |  |  | **300** |
|  **FOURTH SEMESTER** |
| LLM-401 **♯** | Dissertation | 10 | 5 |  |  | 100 |
| LLM-402 **♯** | viva voce | 10 | 5 |  |  | 100 |
|  | **Sub Total** | **20** | **10** |  |  | **200** |

**FIRST SEMESTER**

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| --- | --- | --- | --- | --- |
| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-101 | Research Methods and Legal Writing |  5 | 3 | **20** | **80** | **100** |

**Unit-I**

**Introduction of Legal Research**

* Meaning; objectives and scope of legal research.
* Socio-legal Research in India
* Research Method *vis-à-vis* Research Methodology
* Kind of Legal Research- Doctrinal and Non-Doctrinal legal research; Inter/ Multidisciplinary, etc.
* Arm chair research *vis-à-vis* empirical research

**Unit-II**

**Research Design and Techniques**

* Primary and Secondary -Source
* Workable Hypothesis – formulation and evaluation
* Major steps in research design
* Sampling
* Survey and Case Study method

**Unit-III**

**Research Tools and Data Processing**

* Observation
* Interview and Schedule
* Questionnaire
* Socio - Metrics and Jurimetrics
* Data processing (deductions and Inductions) analysis and interpretation of data.

**Unit-IV**

**Legal Writing**

* Essentials of good legal writing
* Structured Legal Writing; Organization of Legal Material
* Report / Article writing in legal research
* Use of definitions, maxims, concepts, principles, doctrines in legal research
* Modern- Technology- Computer, Internet, etc.
* Citation, Reference and Footnoting Methodology
* Book review and case comments
* Dissertation and Thesis Writing
* Plagiarism as an offence in Research.

**Suggested Readings**

1. Agrawal, S.K; Legal Education in India; Eastern Book House
2. Legal Research and Methodology; Indian Law Institute
3. Pauline, V.; Scientific Social Survey and Research; Prentice-Hall of India
4. Madhava Menon, N.R.; A Handbook of Clinical Legal Education; Tata McGraw Hill
5. William, J.Goode; Methods in Social Research; Tata McGraw Hill
6. Journal on Research Methodology; Indian Law Institute
7. Index to Indian and Foreign Legal Articles; National Law University, Delhi.

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| --- | --- | --- | --- | --- |
| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-102 | Indian Constitutional Law: The New Challenges |  5 | 3 | **20** | **80** | **100** |

**Unit–I**

**Constitution and Federalism**

* Concept of Constitution
* Meaning and idea of Constitution, Nature, Scope and Goal
* Constitution as Supreme law
* Forms of Government: Unitary and Federal-salient features of both
* Nature of Indian Federalism

**Unit-II**

**Legislative relations between Centre and State**

* Theory of Separation of Powers
* Separation of Powers under the Indian Constitution
* Interrelationship among the three organs of the state
* Distribution of Legislative Powers: The Scheme of the distribution of legislative powers in India, the judicial approach and the present position
* Recommendation of Sarkaria Commission & Venkatachaliah Commission
* Centre's responsibility and internal disturbance within states
* Directions of the Centre to the state under Articles 356 and 365

**Unit-III**

**Emerging regime of new rights and remedies**

* Concept and nature of fundamental rights
* Right to Equality
* Rights against Exploitation, Cultural Rights, Rights to Freedom of Religion
* Right to education; Commercialization of education and its impact; and Brain drain by foreign education market
* Directive Principles of State Policy and Fundamental Duties

**Unit-IV**

**Democratic Process**

* Nexus of politics with criminals and the business
* Election: Status of election commission, electoral reforms
* Coalition government: “stability, durability, and corrupt practice”
* Grass root democracy

**Unit-V**

**Constitutional Remedies, Emergency and Amendment of the Constitution**

* Right to Constitutional Remedies - Features of Writ Jurisdiction under Art. 32
* Concept of locus standi - Dynamic approach of Supreme Court on Public Interest Litigation – Judicial Activism - Comparison between Art. 32 and 226
* Freedom of trade and Commerce
* Types of Emergencies and their impact on Federal structure
* Recent amendments

**Suggested Readings**

1. Pandey, J.N.,Constitutional law of India, Central Law Agency, 2019
2. Shukla,V.N.,Constitution of India, Eastern Book Company, 13th Edition, 2017
3. Jain, M.P.,Indian Constitutional Law, J[ustice JastiChelameswar](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Justice+Jasti+Chelameswar&search-alias=stripbooks) (Editor), [Justice Dama Seshadri Naidu](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_3?ie=UTF8&field-author=Justice+Dama+Seshadri+Naidu&search-alias=stripbooks) (Editor), LexisNexis, 8th Edition, 2018
4. Basu, D.D.,Introduction to Constitution of India, LexisNexis, 23rdEdition, 2018
5. Mahajan, V.P.,Constitution of India, Eastern Book Company, 7th Edition, 1991
6. Seervai,H.M.,Constitution of India, Vol. 1-3, 1992, Tripathi, Bombay
7. Kauper and BeytaghConstitutional law: Cases and materials (Law school casebook series), Publisher: Little, Brown; 5th Edition, 1982
8. Basu, D.D., Select Constitutions of The World (Including International Charters) Bhagbati Prasad Banerjee, B.M. Gandhi, LexisNexis, 4th Edition
9. Tripathi, Constitution law of India, Bombay H.M. Seervai (Vols. 3).
10. Derret, Duncan, The State, Religion and Law in India, OUP, 1999
11. Indian Law Institute, Law and Social Change: Indo-American Reflections, Tripathi Publications, 1988
12. Stone, Julius, Social Dimension of Law and Justice, Marc Galanter, Law and Society in Modern India, Oxford Publications, 1997
13. Lingat, Robert, The Classical Law of India, Oxford, 1998
14. Baxi, Upendra, The Crisis of the Indian Legal System, Vikas Publications, 1982
15. Bhatt, P.Ishwar, Law and Social Transformation, Eastern Book Company, Lucknow,2008

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-103**♯** | Legal Foundation of Health in India  |  5 | 3 | **20** | **80** | **100** |

 **Unit-I**

 **Introduction and General Background**

* Concept of Health and Health Care
* General Background
* Constitutional Perspective
* Right to health during emergency
* Worker’s right to health
* Children and health
* Prisoner’s right to health
* Protection of health in various homes/institution of government
* Environment and health
* Ban on public smoking

 **Unit-II**

 **International Norms relating Health Law**

* International Norms and Contemporary Issues
* International Code on Medical Ethics
* Health related provisions in various Human Rights Conventions, Treaties and Declarations
* World Health Organization and its role

**Unit-III**

**Regulation of Medical and Paramedical Profession**

* Indian Medical Council Act, 1956
* Indian Medicine Central Council Act, 1970
* Central Council of Homeopathy Act, 1973
* Indian Nursing Council Act, 1947
* The Pharmacy Act, 1948

 **Unit-IV**

 **Legislations on Health Care-I**

* The Drugs and Cosmetics Act, 1940
* The Drugs and Magic Remedies (Objectionable Advertisement) Act, 1954
* The Narcotics Drugs and Psychotropic Substances Act, 1985
* The Mental Health Act, 1987
* The Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995
* The National Trust For Welfare Of Persons With Autism, Cerebral Palsy, Mental Retardation And Multiple Disabilities Act, 1999

 **Unit-V**

 **Legislations on Health Care-II**

* The Food Safety and Standards Act, 2006
* The Transplantation of Human Organs Act, 1984
* The Pre-conception and Pre-Natal Diagnostic Techniques (Regulation and Prevention of Misuse) Act, 1994
* The Medical Termination of Pregnancy Act, 1971
* The Infant Milk Substitutes, Feeding Bottles and Infant Foods (Regulation of Production, Supply and Distribution) Act, 1992

**Suggested Readings:**

1. Law and Medicine, Dr. Nandita Adhikari, Central Law Publishing
2. Law and Medicine, Dr. Lily Srivastava, Universal law Publishing Co.
3. Hospitals and the Law, Brig.M.A, Universal Law Publishing Co. Pvt.
4. Law and Medicine, Ravi Shinde, Asia Law House, Hyderabad.

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
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| LLM-104**♯** | Medical Jurisprudence |  5 | 3 | **20** | **80** | **100** |

**Unit – I**

**Legal aspects of practice of medicine**

* The Indian Medical Council and State Medical Council: Formation, Functions Rights, Privileges and Duties of Registered Medical Practitioners
* National Health Policy
* Infamous conduct
* Professional secrecy
* Privileged communications

**Unit – II**

**Ethics and Law**

* Law of Public Health Surveillance, Investigation and Emergencies
* Environmental Public Health, Occupational health and Injury
* Infectious Diseases
* Chronic Diseases and Birth defects

**Unit – III**

**Ethical aspects of practice**

* Common medico-legal problems in Hospital practice
* Medico-legal, ethical & social problems in relation to AIDS
* Medical Negligence and contributory negligence, Precautionary measures and defences for Medical Practitioners against legal actions, Medical/Doctors indemnity insurance, Consumer Protection Act relevant to medical practice
* Medical Ethics and prohibition of Torture & care of Torture Victims
Consent – Its relevance in Medical Practice & medical record maintenance

**Unit – IV**

**Protection of Human Rights**

* Protection of human rights Act, 1993,
* National Human Rights Commission,
* Relevant sections of I.P.C., Cr.P.C. and I.E. Act

**Unit – V**

**Legal procedures in medico-legal cases**

* Medico-Legal Investigations of death in suspicious circumstances, different Inquest, type of offences
* Types of Criminal courts and their powers, punishments prescribed by law, kinds of witnesses, Evidence, Documentary Medical evidence, Dying declaration and Dying deposition
* The Trial of criminal cases, Rules and Conventions to be followed by Medical Witness at Medical evidence, subpoena, conduct money
* Relevant Sections from the Indian Evidence Act, Indian Penal code and Criminal Procedure code

**Suggested Readings:**

1. Russell S. Fisher & Charles S.Petty: Forensic Pathology

2. Keith Simpson: Forensic Medicine

3. Jurgen Ludwig: Current Methods of autopsy practice.

4. Gradwohl – Legal Medicine

5. A Doctors Guide to Court – Simpson

6. Polson C.J. : The essentials of Forensic Medicine

7. Adelson, L.: The Pathology of Homicide.

8. Atlas of Legal Medicine (Tomro Watonbe)

9. Sptiz, W.U. & Fisher, R.S.: Medico-legal Investigation of Death.

10. A Hand Book of Legal Pathology (Director of Publicity)

11. Taylor’s Principles & Practice of Medical Jurisprudence.
Edited by A.Keith Mant, Churchill Livingstone.

12. Ratanlal & Dhirajlal, The Indian Penal Code; Justice Hidayatullah & V.R. Manohar

13. Ratanlal & Dhirajlal, The Code of Criminal procedure; Justice Hidayatullah
& S.P. Sathe

14. Ratanlal & Dhirajlal, The Law of Evidence; Justice Hidayatullah & V.R. Manohar

15. Medical Law & Ethic in India – H.S. Mehta

16. Bernard Knight : Forensic Pathology

17. Code of medical ethics : Medical Council of India, approved by Central Government, U/S 33 (m) of IMC Act, 1956 (Oct 1970)

18. Krogman, W.M.: The human skeleton in legal medicine.

19. FE Camps, JM Cameren, David Lanham : Practical Forensic Medicine

**SECOND SEMESTER**

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
| **Internal** | **External** | **Total** |
| LLM-201 | Law and Social Transformation | 5 | 3 | 20 | 80 | 100 |
|  LLM-202**♯** |  Medical Professional & Patient – The Legal Relationship  | 5 | 3 | 20 | 80 | 100 |
|  LLM-203**♯** | Toxicology | 5 | 3 | 20 | 80 | 100 |
|  | **Sub Total** | **15** | **9** |  |  | **300** |

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-201 | Law and Social Transformation |  5 | 3 | **20** | **80** | **100** |

**Unit-I**

**Law and social transformation theoretical analysis**

* + Models of social transformation
	+ Law as an instrument of social transformation
	+ Historical and social discourse
	+ Constitution’s orientation and response to social transformation
	+ Democracy and social transformation

**Unit-II**

**Language and the law**

* Language as a divisive factor
* Constitutional recognition of linguistic pluralism
* Constitutional guarantees to linguistic minorities
* Non-discrimination on the ground of language

**Unit-III**

**Community and the Law**

* Caste as a divisive factor
* Non-discrimination on the ground of caste
* Protective discrimination
* Affirmative action
* Reservation

**Unit-IV**

**Religion and Alternative Approaches to law**

* Religion as a divisive factor
* Freedom of religion and non-discrimination on the basis of religion under Indian
* Constitution, Regionalism
* The Impact of multiculturalism and ethnicity
* Constitutional safeguards against regional barriers
* Equality in matters of employment
* The jurisprudence of Sarvodaya--- Gandhiji, VinobaBhave; Jayaprakash Narayan-Surrender of dacoits
* Concept of Gramanyayalayas.

**Unit-V**

**Modernization and the Law**

* Modernization as a value
* Modernization of social institutions through law
* Public interest litigation
* ADR system
* Lok Adalats
* Democratic decentralization and local self-government

**Suggested Readings**

1. Kuppuswamy, B. and Kumar, B.V., *Social Change in India,*Konark Publisher Pvt Ltd, Delhi, 2006
2. Baxi, Upendra, 1985,*Towards a Sociology of Indian Law*, New Delhi, ICSSR/Satvahan Publications
3. Upendra,Baxi,*The Crisis of Indian Legal System*, New Delhi : Vikas, ©1982
4. Upendra,Baxi,*Law and Poverty: Critical Essays*, Bombay : N.M. Tripathi, 1988
5. Galenter, Marc, *Law and Society in Modern India*, OUP India, 1993
6. Freidman, W., *Law in Changing Society,* Sweet and Maxwell, South Asian Edition, 2nd Edition,2016
7. Hunt, Allan,*Sociological Movement in Law*, Palgrave, September 30, 1978
8. Sinha, Balbir Sahai,*Law and Social Changein India*, Deep & Deep, 1983
9. Desai, A. R.,*Social Background of Indian Nationalism,* Popular Prakashan Ltd.

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-202**♯** | Medical Professional & Patient – The Legal Relationship  |  5 | 3 | **20** | **80** | **100** |

**Unit-I**

**Liability for professional negligence**

* Under Law of Torts
* Contractual Liability
* Criminal Liability
* Liability of Doctors and hospitals under the Consumer Protection Law
* Liability under Medical Councils

**Unit-II**

**Establishment of Doctor Patient Relationship**

* Legal posture of legitimate expectations: from Bolam to Bolitho and beyond
* Patient’s Rights Charter
* Hospital Administration
* Health Insurance and the Law

**Unit-III**

**Consent & Medical Treatment**

Implied consent

Expressed Consent

Standard Protocols

**Unit-IV**

**Confidentiality and Medical Practice**

* Confidentiality in medical practice
* Confidentiality in medical records
* Privileged communication
* Public interest, patient privacy, and the RTI Act
* Privacy and confidentiality difference
* Epidemic Diseases Act, 1897
* Pre-Conception and Pre-Natal Diagnostic Techniques (Prohibition of Sex Selection) Act, 1994
* Medical Termination of Pregnancy Act, 1971

**Unit-V**

**Law & Medicine – Some Emerging Issues**

* Abortion & Reproduction
* Assisted Conception
* Euthanasia Regime
* Clinical Research & Drug Trials
* HIV/AIDS Some Challenges
* Health Related Rights of Women: Reproductive Rights, Family Planning

Top of Form

Bottom of Form

**Suggested Readings:**

1. Russell S. Fisher & Charles S.Petty: Forensic Pathology

2. Keith Simpson: Forensic Medicine

3. Jurgen Ludwig: Current Methods of autopsy practice.

4. Gradwohl – Legal Medicine

5. A Doctors Guide to Court – Simpson

6. Polson C.J. : The essentials of Forensic Medicine

7. Adelson, L.: The Pathology of Homicide.

8. Atlas of Legal Medicine (Tomro Watonbe)

9. Sptiz, W.U. & Fisher, R.S.: Medico-legal Investigation of Death.

10. A Hand Book of Legal Pathology (Director of Publicity)

11. Taylor’s Principles & Practice of Medical Jurisprudence.
Edited by A.Keith Mant, Churchill Livingstone.

12. Ratanlal & Dhirajlal, The Indian Penal Code; Justice Hidayatullah & V.R. Manohar

13. Ratanlal & Dhirajlal, The Code of Criminal procedure; Justice Hidayatullah
& S.P. Sathe

14. Ratanlal & Dhirajlal, The Law of Evidence; Justice Hidayatullah & V.R. Manohar

15. Medical Law & Ethic in India – H.S. Mehta

16. Bernard Knight : Forensic Pathology

17. Code of medical ethics : Medical Council of India, approved by Central Government, U/S 33 (m) of IMC Act, 1956 (Oct 1970)

18. Krogman, W.M.: The human skeleton in legal medicine.

19. FE Camps, JM Cameren, David Lanham : Practical Forensic Medicine

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-203**♯** | Toxicology |  5 | 3 | **20** | **80** | **100** |

**Unit-I**

**Introduction**

* Epidemiology of poisoning
* General consideration and Laws in relation to poisons / Narcotic drugs and Psychotropic substances Act, Duties and Responsibilities of attending Physician
* Basics of Environmental and Industrial Toxicology in relation to Health & Ecology
* Common poisons and their classification, Identification of common poisons, Routes of Administration, Actions of poisons and factors modifying them, Diagnosis of poisoning (Clinical and Confirmatory), Treatment / Management of cases of acute and chronic poisoning.
* Analytical Toxicology (Principles: Bedside & Common Lab. Tests), Collection, Preservation and Dispatch of Viscera to FSL
* Regulatory Toxicology for prevention of Hazards to Health and Ecology.

**Unit-II**

**Corrosive & irritant poisons**

* Inorganic Corrosives- Sulphuric, Nitric & Hydrochloric Acid
* Organic Corrosives- Phenol, Oxalic Acid
* Inorganic Non-Metallic Irritants- Phosphorus, Halogens
* Inorganic Metallic Irritants- Arsenic, Lead, Mercury, Copper
* Organic Vegetable Irritants- Abrus, Castor, Croton, Calotropis, Semicarpus, Ergot
* Organic Animal Irritants – Snake Bite, Scorpion & other common insect bites diagnosis and Management; Medicolegal Aspects
* Mechanical Irritants- diagnosis and treatment & Medicolegal Aspects

**Unit-III**

**Neurotoxic**

* Ineberiates- Ethyl Alcohol, Methyl Alcohol
* Somniferous and Sedative Hypnotics – Opium and Derivatives, Barbiturates
* Deliriants- Dhathura, Cannabis, Cocaine
* Insecticides/ Pesticides/ Agrochemical- Organo-phosphorus Compounds
* Organo-chlorides, Carbamates , Pyrethriods, Aluminium phosphide
* Spinal Poisons- Strychnin
* Peripheral Poisons- Curare

**Unit-IV**

A**sphyxiants (gases) –**

* Carbon monoxide, Carbon Dioxide, Cyanogens and Cyanides

**Cardiac poisons**-

* oleanders, aconite, tobacco

**Unit-V**

**Other poisons**:

* Domestic/ Household Poisons- Kerosene, Detergents, Disinfectants, Cosmetics, Rodenticide mothballs etc.
* Therapeutic Drug Toxicity/ poisoning by Medicines- Salicylates, Paracetamol, Newer derivatives of sedatives
* Food Poisoning- Bacterial, Viral, Mushrooms, Chemical etc.
* Drugs of dependence and Drug Abuse

**Suggested Readings:**

1. Russell S. Fisher & Charles S.Petty: Forensic Pathology

2. Keith Simpson: Forensic Medicine

3. Jurgen Ludwig: Current Methods of autopsy practice.

4. Gradwohl – Legal Medicine

5. A Doctors Guide to Court – Simpson

6. Polson C.J. : The essentials of Forensic Medicine

7. Adelson, L.: The Pathology of Homicide.

8. Atlas of Legal Medicine (Tomro Watonbe)

9. Sptiz, W.U. & Fisher, R.S.: Medico-legal Investigation of Death.

10. A Hand Book of Legal Pathology (Director of Publicity)

11. Taylor’s Principles & Practice of Medical Jurisprudence.
Edited by A.Keith Mant, Churchill Livingstone.

12. Ratanlal & Dhirajlal, The Indian Penal Code; Justice Hidayatullah & V.R. Manohar

13. Ratanlal & Dhirajlal, The Code of Criminal procedure; Justice Hidayatullah
& S.P. Sathe

14. Ratanlal & Dhirajlal, The Law of Evidence; Justice Hidayatullah & V.R. Manohar

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16. Bernard Knight : Forensic Pathology

17. Code of medical ethics : Medical Council of India, approved by Central Government, U/S 33 (m) of IMC Act, 1956 (Oct 1970)

18. Krogman, W.M.: The human skeleton in legal medicine.

19. FE Camps, JM Cameren, David Lanham : Practical Forensic Medicine

**third semester**

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
| Internal | External | **Total** |
| LLM-301**♯** | Forensic medicine - I | 5 | 3 | 20 | 80 | 100 |
| LLM-302**♯** | Forensic medicine - II | 5 | 3 | 20 | 80 | 100 |
| LLM-303**♯** | Practical Training (Teaching Assistance) | 5 | 3 | 20 | 80 | 100 |
|  | **Sub Total** | **15** | **9** |  |  | **300** |

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|  |  |  |  | Internal | External | **Total** |
| LLM-301**♯** | Forensic medicine - I |  5 | 3 | **20** | **80** | **100** |

**Unit-I**

**Introduction**

* Definition, Scope Relevant To Subject
* History of Forensic Medicine
* Need, Scope, Importance and probative value of Medical evidence in Crime Investigation

**Unit-II**

**Forensic identity**

* Introduction, definition, types, corpus delicti
* Data useful for Identification of Living and Dead
* Age estimation and its medico-legal Importance
* Sex determination and it’s medico-legal importance
* Other methods of establishing identity: Dactylography, Tattoo marks,
* Deformities, Scars
* Identification of decomposed, Mutilated bodies and skeletal remains
* Medico legal aspect of DNA fingerprinting - a brief introduction
* Value for evidence in crime
* Medico-legal aspect of blood and blood stains.

**Unit-III**

**Thanatology**

* Definition and concept of death, Brainstem Death in relation to Organ
Transplantation
* Causes of sudden Natural deaths
* Changes after death, Cooling, Hypostasis, Changes in eye, Muscle changes,
Putrefaction, Adipocere, Mummification, Estimation of time since death
* Presumption of death and survivorship, disposal and preservation of dead bodies

**Unit-IV**

**Medico-legal autopsy**

* Autopsy: Objectives, Facilities, Rules and Basic techniques, Proforma for
reporting medico-legal autopsy
* Exhumation, examination of mutilated remains, Obscure autopsy and post-mortem artifacts

**Unit-V**

**Trauma**

* Definition and classification of injuries
* Blunt force Trauma : Abrasions, Contusions and Lacerations
* Sharp force Trauma : Incised, Stab and Chop wounds
* Physical methods of Torture and their identification
* Firearm injuries and Explosive injuries and Basics of Firearms
* Complications and causes of death due to injury.

**Suggested Readings:**

1. Russell S. Fisher & Charles S.Petty: Forensic Pathology

2. Keith Simpson: Forensic Medicine

3. Jurgen Ludwig: Current Methods of autopsy practice.

4. Gradwohl – Legal Medicine

5. A Doctors Guide to Court – Simpson

6. Polson C.J. : The essentials of Forensic Medicine

7. Adelson, L.: The Pathology of Homicide.

8. Atlas of Legal Medicine (Tomro Watonbe)

9. Sptiz, W.U. & Fisher, R.S.: Medico-legal Investigation of Death.

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13. Ratanlal & Dhirajlal, The Code of Criminal procedure; Justice Hidayatullah
& S.P. Sathe

14. Ratanlal & Dhirajlal, The Law of Evidence; Justice Hidayatullah & V.R. Manohar

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-302**♯** | Forensic medicine - II |  5 | 3 | **20** | **80** | **100** |

**Unit-I**

**Medico-legal aspect of injury and Death**

* Hurt, simple and grievous hurts, murder, Ante-mortem & Postmortem Wounds, Age of the injury, cause of death and relevant
sections of I.P.C., Cr.P.C.
* Causative Weapon and appearance of Suicidal, Accidental and Homicidal
injuries.
* Regional injuries: Head injury, mechanism, Injury to Scalp, Skull, Brain and Spinal Injuries
* Intracranial Haemorrhage, changes in Brain
* Road Traffic Accidents
* Thermal injuries: Injuries due to heat and cold, Frostbite, Burns, Scalds and
Bride burning
* Injuries due to Electricity, Lightening
* Non-Accidental Domestic Violence
* Starvation deaths

**Unit-II**

**Medico-legal aspect of Sex and Marriage death**

* Explanation and ML Importance of Terminologies: Impotence, Sterility,
Virginity, Pregnancy, Delivery, Paternity, Legitimacy, Assisted Reproductive
* Technique Medico Legal Aspects and PNDT Act,
* Sexual Offences and perversions: Natural (Rape, Adultery and Incest), Unnatural (Sodomy, Bestiality and Buccal coitus) Lesbianism, perversions and relevant sections of I.P.C. and Cr.P.C.
* Examination of Rape and Sodomy cases
* Abortions, Medical Termination of pregnancy, Criminal abortions and relevant IPC sections

**Unit-III**

**Medico-legal aspect of Infant death**

* Explanation of Terminologies Viability Live Births, Deadborn, Stillborn
b) Determination of age of Foetus and Infant with special reference to 3, 5, 7 & 9 months of I.U.Age
* Infanticides: Autopsy to confirm Livebirth, period of survival, causes of
deaths
* Battered Baby Syndrome and Sudden Infant Death Syndrome.

**Unit-IV**

**Asphyxial deaths:**

* Introduction, Pathophysiology, General Signs-Symptoms Asphyxia
* Hanging: Definition, Types and Causes of death, PM Finding, MLI
* Strangulation, Suffocation and Traumatic Asphyxia: Definition, Types and causes of death, PM Finding, MLI
* Drowning – Definition, Types, Mechanisms and Causes of death, MLI, PM Finding, Diatom Test.

**Unit-V**

**Forensic** **psychiatry**

* Basic concepts of Forensic Psychiatry in respect of Civil and Criminal
responsibility
* Examination, Certification, restraint and admission to Mental Hospital
* Mental Health Act 1987: Principles and Objectives

**Suggested Readings:**

1. Russell S. Fisher & Charles S.Petty: Forensic Pathology

2. Keith Simpson: Forensic Medicine

3. Jurgen Ludwig: Current Methods of autopsy practice.

4. Gradwohl – Legal Medicine

5. A Doctors Guide to Court – Simpson

6. Polson C.J. : The essentials of Forensic Medicine

7. Adelson, L.: The Pathology of Homicide.

8. Atlas of Legal Medicine (Tomro Watonbe)

9. Sptiz, W.U. & Fisher, R.S.: Medico-legal Investigation of Death.

10. A Hand Book of Legal Pathology (Director of Publicity)

11. Taylor’s Principles & Practice of Medical Jurisprudence.
Edited by A.Keith Mant, Churchill Livingstone.

12. Ratanlal & Dhirajlal, The Indian Penal Code; Justice Hidayatullah & V.R. Manohar

13. Ratanlal & Dhirajlal, The Code of Criminal procedure; Justice Hidayatullah
& S.P. Sathe

14. Ratanlal & Dhirajlal, The Law of Evidence; Justice Hidayatullah & V.R. Manohar

15. Medical Law & Ethic in India – H.S. Mehta

16. Bernard Knight : Forensic Pathology

17. Code of medical ethics : Medical Council of India, approved by Central Government, U/S 33 (m) of IMC Act, 1956 (Oct 1970)

18. Krogman, W.M.: The human skeleton in legal medicine.

19. FE Camps, JM Cameren, David Lanham : Practical Forensic Medicine

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| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
|  |  |  |  | Internal | External | **Total** |
| LLM-303**♯** | Practical Training (Teaching Assistance) |  5 | 3 | **20** | **80** | **100** |

**fourth semester**

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| --- | --- | --- | --- | --- |
| **Code No.** | **Paper** | **L** | **Credits** | **Total Marks** |
| Internal | External | **Total** |
| LLM-401**♯** | Dissertation | 10 | 5 |  |  | 100 |
| LLM-402**♯** | Viva | 10 | 5 |  |  | 100 |
|  | **Sub Total** | **20** | **10** |  |  | **200** |