

Number	Competency	Do ma	Le vel	Co re	Objective	Date /Time	Integr ation	TLM	Assessme nt
<b>General Information</b>									
FM1.1	Demonstrate knowledge of basics of Forensic Medicine like definitions of Forensic medicine, Clinical Forensic Medicine, Forensic Pathology, State Medicine, Legal Medicine and Medical Jurisprudence	K	K H	N	At the end of the session the student should be able to: A. Define what is Forensic medicine, Clinical Forensic Medicine, Forensic Pathology, State Medicine, Legal Medicine, Medical Jurisprudence.	01.10.2010 08:30 to 09:30 AM		Lecture	Written
FM1.2	Describe history of Forensic Medicine	K	K H	N	At of the session the student should be able to: A. Describe the history of Forensic Medicine				
FM1.3	Describe legal procedures including Criminal Procedure Code, Indian Penal Code, Indian Evidence Act, Civil and Criminal Cases, Inquest (Police Inquest and Magistrate's Inquest), Cognizable and Non-cognizable offences	K	K H	N	At the end of the session the student should be able to: A. List the various legal codes available in India B. Describe what is Criminal Procedure Code C. Describe what is Indian Penal Code D. Describe what is Indian Evidence Act E. Enumerate civil and Criminal Cases F. Define & Classify Inquest G. Describe the procedure of conduct of Inquest H. Differentiate between Police & Magistrate's Inquest I. Define & describe Cognizable and Non-cognizable offences				
FM1.4	Describe Courts in India and their powers: Supreme Court, High Court, Sessions court, Magistrate's Court, Labour Court, Family Court, Executive Magistrate Court and Juvenile Justice Board	K	K H	N	At the end of the session the student should be able to: A. Ennumerate various courts in India B. Discuss about Supreme Court and its power C. Discuss about High Court and its power D. Discuss about Sessions Court and its power E. Discuss about Magistrate's Court and its power F. Discuss about Labour Court and its power G. Discuss about Family Court and its power H. Discuss about Executive Magistrate Court and its power I. Discuss about Juvenile Justice Board and its power	08.10.2010 08:30 to		Lecture	Written

FM1.5	Describe Court procedures including issue of Summons, conduct money, types of witnesses, recording of evidence oath, affirmation, examination in chief, cross examination, re-examination and court questions, recording of evidence & conduct of doctor in witness box	K	K H	N	At the end of the session the student should be able to: A. Define & describe the procedures of issuing summons in various criminal and civil cases B. Define what is conduct money and discuss about circumstances and procedure of receiving conduct money C. Define & describe the various types of witnesses D. Discuss the role of a doctor as an expert witness E. Discuss various steps of recording evidences in a court F. Describe the conduct of a doctor in witness box	09:30 AM			
FM1.6	Describe Offenses in Court including Perjury; Court strictures vis-a-vis Medical Officer	K	K H	N	At the end of the session the student should be able to: A. Define what is perjury and discuss the punishments given for it B. Discuss various court strictures vis-a-vis Medical Officer				
FM1.7	Describe Dying Declaration & Dying Deposition	K	K H	Y	At the end of the session the student should be able to: A. Define & discuss Dying declaration & Dying deposition B. Differentiate between Dying declaration and Dying deposition	15.10.2010 08:30 to 09:30 AM		Lecture	Written
FM1.8	Describe the latest decisions/notifications/resolutions/ circulars/standing orders related to medico-legal practice issued by Courts/ Government authorities etc.	K	K H	Y	At the end of the session the student should be able to: A. List out and discuss various latest decisions / notifications / circulars / standing orders related to medico-legal practice issued by courts / government authorities				

FM1.9	Describe the importance of documentation in medical practice in regard to medicolegal examinations, Medical Certificates and medicolegal reports especially - maintenance of patient case records, discharge summary, prescribed registers to be maintained in Health Centres. - maintenance of medico-legal register like accident register. - documents of issuance of wound certificate - documents of issuance of drunkenness certificate. - documents of issuance of sickness and fitness certificate. - documents for issuance of death certificate. - documents of Medical Certification of Cause of Death - Form Number 4 and 4A - documents for estimation of age by physical, dental and radiological examination and issuance of certificate	K	K H	Y	At the end of the session the student should be able to: A. Discuss the importance of documentation in medical practice B. Describe the procedure of maintaining and issuing of patient case records and discharge summary C. List and discuss the various registers to be maintained in health centres D. Describe the procedure of maintaining and issuing accident register and various other medico-legal register like wound certificate, drunkenness certificate, sickness and fitness certificate, death certificate, Medical Certification of Cause of Death, Form 4 and 4A and age certificate	19.05.2022 02:30 to 04:30 PM	Medicine, Surgery, Paediatrics, Radiology	Integrated Teaching, DOAP	
FM1.10	Select appropriate cause of death in a particular scenario by referring ICD 10 code	K	K H	Y	At the end of the session the student should be able to: A. Choose an appropriate cause of death by referring ICD 10 code				
FM1.11	Write a correct cause of death certificate as per ICD 10 document	S	SH	Y	At the end of the session the student should be able to: A. Demonstrate the documentation of a correct cause of death certificate as per ICD 10 code				
<b>Forensic Pathology</b>									
FM2.1	Define, describe and discuss death and its types including somatic / clinical / cellular, molecular and brain-death, Cortical Death and Brainstem Death	K	K H	Y	At the end of the session the student should be able to: A. Define death and enumerate types of death B. Define and describe about somatic / clinical / cellular, molecular, brain-death, cortical death and brainstem death.				

FM2.2	Describe and discuss natural and unnatural deaths	K	K H	Y	At the end of the session the student should be able to: A. Describe and discuss about modes, mechanism, manner of death and cause of natural and unnatural deaths B. Discuss the medicolegal importance of various types of deaths	22.10.2010 08:30 to 09:30 AM	Patho logy	Lecture, Integreted Teaching	Written
FM2.3	Describe and discuss issues related to sudden natural deaths	K	K H	Y	At the end of the session the student should be able to: A. Define and ennumerate the causes sudden natural death B. Discuss the autopsy procedure in case of sudden natural death C. Describe the medicolegal importance of sudden natural death				
FM2.4	Describe salient features of the Organ Transplantation and The Human Organ Transplant (Amendment) Act 2011 and discuss ethical issues regarding organ donation	K	K H	Y	At the end of the session the student should be able to: A. Describe the salient features of organ transplantation B. Describe the salient features of The Human Organ Transplant (Amendment) Act 2011 (NOTTO) C. Discuss the ethical issues in relation to organ donation	05.11.2010 08:30 to 09:30 AM	AETC OM	Lecture	Written
FM2.5	Discuss moment of death, modes of death - coma, asphyxia and syncope	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss coma B. Define and discuss syncope C. Define and discuss asphyxia				
FM2.6	Discuss presumption of death and survivorship	K	K H	Y	At the end of the session the student should be able to: A. Discuss the importance of presumption of death and survivorship	12.11.2010 08:30 to 09:30 AM	Patho logy Psyci atry	Lecture	Written
FM2.7	Describe and discuss suspended animation	K	K H	Y	At the end of the session the student should be able to: A. Define suspended animation and list its causes B. Describe the clinical features and medicolegal importance of suspended animation				

FM2.8	Describe and discuss postmortem changes including signs of death, cooling of body, post-mortem lividity, rigor mortis, cadaveric spasm, cold stiffening and heat stiffening	K	K H	Y	At the end of the session the student should be able to: A. Enumerate the various postmortem changes B. Define and describe the process of postmortem cooling and its medicolegal importance C. Define and describe the process of rigor mortis and its medicolegal importance D. Define cadaveric spasm and differentiate it from rigor mortis E. Define, discuss the process and medicolegal importance of cold and heat stiffening	19.11.2010 08:30 to 09:30 AM 26.11.2010		Lecture	Written
FM2.9	Describe putrefaction, mummification, adipocere and maceration	K	K H	Y	At the end of the session the student should be able to: A. Define autolysis, putrefaction, mummification and adipocere B. Describe various changes and factors affecting putrefaction C. Describe mechanism, circumstances and medicolegal importance of mummification D. Describe mechanism, circumstances and medicolegal importance of adipocere E. Discuss process and medicolegal importance of maceration	03.12.2010 08:30 to 09:30 AM		Lecture	Written
FM2.10	Discuss estimation of time since death	K	K H	Y	At the end of the session the student should be able to: A. Discuss and estimate time since death from postmortem changes	10.12.2010 08:30 to 09:30 AM		Lecture	Written
FM2.11	Describe and discuss autopsy procedures including post-mortem examination, different types of autopsies, aims and objectives of post-mortem examination	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss types of autopsies B. Enumerate aims and objectives of autopsies C. Discuss the rules of autopsy				

FM2.12	Describe the legal requirements to conduct post-mortem examination and procedures to conduct medico-legal post-mortem examination	K	K H	Y	At the end of the session the student should be able to: A. Describe the rules to conduct medicolegal autopsy B. Discuss the procedures to conduct medicolegal postmortem examination C. Describe the various types of incisions, steps and autopsy techniques in medicolegal autopsy	17.12.2010 08:30 to 09:30 AM	Pathology	Lecture	Written
FM2.13	Describe and discuss obscure autopsy	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss obscure and negative autopsy with its medicolegal importance				
FM2.14	Describe and discuss examination of clothing, preservation of viscera on post-mortem examination for chemical analysis and other medico-legal purposes, post-mortem artefacts	K	K H	Y	At the end of the session the student should be able to: A. Describe the procedure of examination of clothing B. Describe the procedure of preserving and dispatch of viscera for chemical analysis C. Define and enumerate types of postmortem artefacts with its medicolegal importance	26.05.2022 02:30 to 04:30 PM		Integreted Teaching, DOAP	OSPE, Viva Voice
FM2.15	Describe special protocols for conduction of medico-legal autopsies in cases of death in custody or following violation of human rights as per National Human Rights Commission Guidelines	K	K H	Y	At the end of the session the student should be able to: A. Elicit various circumstances for conducting autopsy as per National Human Rights Commission Guidelines B. Discuss special protocols for conduction of autopsies in cases of custodial death or violation of human rights				
FM2.16	Describe and discuss examination of mutilated bodies or fragments, charred bones and bundle of bones	K	K H	Y	At the end of the session the student should be able to: A. Describe the objectives, procedure and medicolegal importance of examination of mutilated bodies or fragments, charred bones and bundle of bones	24.12.2010 08:30 to 09:30 AM		Lecture	Written
FM2.17	Describe and discuss exhumation	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss the objectives, protocols and procedure of conducting exhumation				

FM2.18	Crime Scene Investigation: Describe and discuss the objectives of crime scene visit, the duties & responsibilities of doctors on crime scene and the reconstruction of sequence of events after crime scene investigation	K	K H	Y	At the end of the session the student should be able to: A. Describe the objectives, duties and responsibilities of a doctor in crime scene visit B. Discuss the method of reconstruction of sequence of events after crime scene investigation				
FM2.19	Investigation of anaesthetic, operative deaths: Describe and discuss special protocols for conduction of autopsy and for collection, preservation and dispatch of related material evidences	K	K H	Y	At the end of the session the student should be able to: A. List various anaesthetic and operative death scenarios where medicolegal investigation is done B. Discuss the protocols to be followed in case of conduct of autopsy in anaesthetic and operative death C. Describe the autopsy procedure in case of anaesthetic and operative death D. List the various evidences materials that can be collected in anaesthetic and operative death E. Discuss the procedure of preservation and method of dispatch of these evidences	31.12.2010 08:30 to 09:30 AM	Surge ry Anaes thesia	Lecture	Written
FM2.20	Mechanical asphyxia: Define, classify and describe asphyxia and medico-legal interpretation of post-mortem findings in asphyxial deaths	K	K H	Y	At the end of the session the student should be able to: A. Define and list out the various types of asphyxia B. Describe the mechanism and autopsy findings of asphyxia C. Discuss the medicolegal interpretation of postmortem findings of asphyxial deaths	07.01.2021 08:30 to 09:30 AM		Lecture	Written
FM2.21	Mechanical asphyxia: Describe and discuss different types of hanging and strangulation including clinical findings, causes of death, post-mortem findings and medico-legal aspects of death due to hanging and strangulation including examination, preservation and dispatch of ligature material	K	K H	Y	At the end of the session the student should be able to: A. Define and classify various types of hanging B. Discuss clinical findings, cause of death, autopsy findings and medicolegal importance of hanging C. Define and classify various types of strangulation D. Discuss clinical findings, cause of death, autopsy findings and medicolegal importance of strangulation E. Describe the procedure of preservation and dispatch of ligature material in a case of hanging and strangulation	21.01.2021 08:30 to 09:30 AM		Lecture	Written

FM2.22	Mechanical asphyxia: Describe and discuss patho-physiology, clinical features, post-mortem findings and medico-legal aspects of traumatic asphyxia, obstruction of nose & mouth, suffocation and sexual asphyxia	K	K H	Y	At the end of the session the student should be able to: A. Define and describe the patho-physiology, clinical fetures and autopsy findings of traumatic asphyxia B. Define and describe the patho-physiology, clinical fetures and autopsy findings of smothering C. Define and describe the patho-physiology, clinical fetures and autopsy findings of suffocation D. Define and describe the patho-physiology, clinical fetures and autopsy findings of sexual asphyxia E. List various other forms of mechanical asphyxia and describe their autopsy findings and medicolegal importance	28.01.2021 08:30 to 09:30 AM		Lecture	Written
FM2.23	Describe and discuss types, patho-physiology, clinical features, postmortem findings and medico-legal aspects of drowning, diatom test and, gettler test.	K	K H	Y	At the end of the session the student should be able to: A. Define, classify types of drowning and describe the patho-physiology of drowning B. Describe the patho-physiology, clinical fetures and autopsy findings of fresh water drowning C. Define and describe the patho-physiology, clinical fetures and autopsy findings of salt-water drowning D. Discuss the medicolegal importance of drowning and ennumerate various tests done for diagnosing various types of drowning E. Describe the procedure and medicolegal importance of diatom and gettler test	04.02.2021 08:30 to 09:30 AM		Lecture	Written
FM2.24	Thermal deaths: Describe the clinical features, post-mortem finding and medicolegal aspects of injuries due to physical agents like heat (heat hyper-pyrexia, heat stroke, sun stroke, heat exhaustion/prostration, heat cramps [miner's cramp] or cold (systemic and localized hypothermia, frostbite, trench foot, immersion foot)	K	K H	Y	At of the session the student should be able to: A. List various types of cold and heat injuries B. Describe the clinical features, autopsy findings and medicolegal importance of heat hyper-pyrexia, heat stroke, sun stroke, heat exhaustion / prostration, heat cramps [miner's cramp] or cold (systemic and localized hypothermia, frostbite, trench foot, immersion foot)				

FM2.25	Describe types of injuries, clinical features, patho-physiology, post-mortem findings and medico-legal aspects in cases of burns, scalds, lightning, electrocution and radiations	K	K H	Y	At the end of the session the student should be able to: A. Define and describe the clinical features, patho-physiology, cause of death, postmortem findings and medicolegal importance of burn injuries B. Define and describe the clinical features, patho-physiology, cause of death, postmortem findings and medicolegal importance of scalds C. Differentiate between burns and scalds D. Define and describe the clinical features, patho-physiology, cause of death, postmortem findings and medicolegal importance of lightning E. Define and describe the clinical features, patho-physiology, cause of death, postmortem findings and medicolegal importance of electrocution F. Define and describe the clinical features, patho-physiology, cause of death, postmortem findings and medicolegal importance of radiation injuries	11.02.2021 18.02.2021 08:30 to 09:30 AM	Surge ry	Lecture	Written
FM2.26	Describe and discuss clinical features, post-mortem findings and medico-legal aspects of death due to starvation and neglect	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss the cause, patho-physiology, clinical features, postmortem findings and medicolegal importance of starvation and neglect				
FM2.27	Define and discuss infanticide, foeticide and stillbirth	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss the cause, patho-physiology, clinical features, postmortem findings and medicolegal importance of infanticide B. Define and discuss the cause, patho-physiology, clinical features, postmortem findings and medicolegal importance of foeticide C. Define and discuss the cause, patho-physiology, clinical features, postmortem findings and medicolegal importance of still birth				

FM2.28	Describe and discuss signs of intrauterine death, signs of live birth, viability of foetus, age determination of foetus, DOAP session of ossification centres, Hydrostatic test, Sudden Infants Death syndrome and Munchausen's syndrome by proxy	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss clinical features and medicolegal importance of intra-uterine death B. Define and discuss the various signs and symptoms of live birth and their medicolegal importance C. Define viability, discuss and demonstrate various methods used to estimate age and viability of foetus from ossification centres D. Define and discuss hydrostatic test with its medicolegal importance E. Define and describe cause, clinical features, autopsy findings and medicolegal importance of sudden infant death syndrome F. Define and discuss munchausen's syndrome and munchausen's syndrome by proxy	25.02.2021 08:30 to 09:30 AM	Anatomy, Paediatrics	Lecture	Written
FM2.29	Demonstrate respect to the directions of courts, while appearing as witness for recording of evidence under oath or affirmation, examination in chief, cross examination, re-examination and court questions, recording of evidence	A and C	SH	Y	At the end of the session the students should be able to: A. Demonstrate respect to directions of court during various stages of recording of evidences	08.10.2020 8:30 to 09:30 AM		DOAP	OSPE, Viva Voice
FM2.30	Have knowledge / awareness of latest decisions / notifications / resolutions / circulars / standing orders related to medico-legal practice issued by Courts / Government authorities etc	A	K	Y	At the end of the session the student should be able to: A. Discuss on latest decisions / notifications / resolutions / circulars / standing orders related to medico-legal practice issued by Courts / Government authorities etc	15.10.2020 08:30 to 09:30 AM		Lecture	Written
FM2.31	Demonstrate ability to work in a team for conduction of medico-legal autopsies in cases of death following alleged medical negligence, dowry death, death in custody or following violation of human rights as per National Human Rights Commission Guidelines on exhumation	A	K H	Y	At the end of the session the student should be able to: A. Perform under supervision the ability to work in a team for conduction of medico-legal autopsies in cases of death following alleged medical negligence, dowry death, death in custody or following violation of human rights as per National Human Rights Commission Guidelines on exhumation	24.12.2020 08:30 to 09:30 AM		DOAP	OSPE, Viva Voice

FM2.32	Demonstrate ability to exchange information by verbal or nonverbal communication to the peers, family members, law enforcing agency and judiciary	A and C	K H	Y	At the end of the session the student should be able to: A. Perform under supervision the ability to exchange information by verbal or nonverbal communication to the peers, family members, law enforcing agency and judiciary	02.03.2021 02:30 to 04:30 PM	AET COM	DOAP	OSPE, Viva Voice
FM2.33	Demonstrate ability to use local resources whenever required like in mass disaster situations	A and C	K H	Y	At the end of the session the student should be able to: A. Perform under supervisionability to use local resources whenever required like in mass disaster situations	09.03.2021 02:30 to 04:30 PM	Com munit y Medi cine	DOAP	OSPE, Viva Voice
FM2.34	Demonstrate ability to use local resources whenever required like in mass disaster situations	A and C	K H	Y	At the end of the session the student should be able to: A. Perform under supervisionability to use local resources whenever required like in mass disaster situations	09.03.2022 02:30 to 04:30 PM	AET COM	DOAP	OSPE, Viva Voice
FM2.35	Demonstrate professionalism while conducting autopsy in medicolegal situations, interpretation of findings and making inference/opinion, collection preservation and dispatch of biological or trace evidences	A and C	K H/ SH		At the end of the session the student should be able to: A. Demonstrate professionalism while conducting autopsy in medicolegal situations, interpretation of findings and making inference/opinion, collection preservation and dispatch of biological or trace evidences	16.03.2021 02:30 to 04:30 PM	Medi cine, AET COM	DOAP	OSPE, Viva Voice

**Clinical Forensic Medicine**

FM3.1	IDENTIFICATION: Define and describe Corpus Delicti, establishment of identity of living persons including race, Sex, religion, complexion, stature, age determination using morphology, teeth-eruption, decay, bite marks, bones-ossification centres, medico-legal aspects of age	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss corpus delicti B. Describe various methods of establishing identity of living person in terms of race, sex, religion, complexion, stature C. Discuss types and pattern of dentition C. Discuss the determination of age using teeth morphology, teeth eruption, decay, bones-ossification centres and its medico-legal importance D. Discuss bite marks and its medicolegal importance	01.10.2021 08:30 to 09:30 AM	Anato my	Lecture	Written
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FM3.2	IDENTIFICATION: Describe and discuss identification of criminals, unknown persons, dead bodies from the remains-hairs, fibers, teeth, anthropometry, dactylography, foot prints, scars, tattoos, poroscopy and superimposition	K	K H	Y	<p>At the end of the session the student should be able to:</p> <p>A. Ennumerate the methods used to identify criminals, unknown persons and dead bodies from body remains</p> <p>B. Describe the types of hairs, fibres and their medicolegal importance</p> <p>C. Define and discuss anthropometry with its medicolegal importance</p> <p>D. Define and discuss dactylography with its medicolegal importance</p> <p>E. Define and discuss foot prints with its medicolegal importance</p> <p>F. Define and discuss scars with its medicolegal importance</p> <p>G. Define and discuss tattoos with its medicolegal importance</p> <p>H. Define and discuss proscopy with its medicolegal importance</p> <p>I. Define and discuss superimposition with its medicolegal importance</p>	08.10.2021 08:30 to 09:30 AM		Lecture	Written
FM3.3	Mechanical injuries and wounds: Define, describe and classify different types of mechanical injuries, abrasion, bruise, laceration, stab wound, incised wound, chop wound, defense wound, self-inflicted / fabricated wounds and their medico-legal aspects	K	K H	Y	<p>At the end of the session the student should be able to:</p> <p>A. Define injury and discuss the types of injuries</p> <p>B. Define and discuss abrasion and its medicolegal importance</p> <p>C. Define and discuss bruise and its medicolegal importance</p> <p>D. Define and discuss laceration and its medicolegal importance</p> <p>E. Define and discuss stab wound and its medicolegal importance</p> <p>F. Define and discuss incised wounds and its medicolegal importance</p> <p>G. Define and discuss chop wounds and its medicolegal importance</p> <p>H. Define, discuss defense and self-inflicted / fabricated wounds with its medicolegal importance</p>	15.10.2021 22.10.2021 29.10.2021 08:30 to 09:30 AM	Surge ry	Lecture	Written

FM3.4	Mechanical injuries and wounds: Define injury, assault & hurt. Describe IPC pertaining to injuries	K	K H	Y	At the end of the session the student should be able to: A. Define and describe IPCs pertaining to injury, assault and hurt				
FM3.5	Mechanical injuries and wounds: Describe accidental, suicidal and homicidal injuries. Describe simple, grievous and dangerous injuries. Describe ante-mortem and post-mortem injuries	K	K/ K H	Y	At the end of the session the student should be able to: A. Differentiate between accidental, suicidal and homicidal injuries B. Define and describe simple, grievous and dangerous injuries and their IPCs C. Differentiate between ante-mortem and post-mortem injuries	05.11.2021 08:30 to 09:30 AM	Surge ry	Lecture	Written
FM3.6	Mechanical injuries and wounds: Describe healing of injury and fracture of bones with its medico-legal importance	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss the various stages of healing of injury and fracture of bone with its medicolegal importance				
FM3.7	Describe factors influencing infliction of injuries and healing, examination and certification of wounds and wound as a cause of death: Primary and Secondary	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe factors influencing infliction of injuries and healing B. Elicit various injuries during examination and document wound certificate C. Describe primary and secondary injuries that can cause death	12.11.2021 08:30 to 09:30 AM	Surge ry, Ortho paedi cs	Lecture	Written
FM3.8	Mechanical injuries and wounds: Describe and discuss different types of weapons including dangerous weapons and their examination	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe various types of weapons including dangerous weapons and its relevant IPCs B. Discuss examination of weapons				
FM3.9	Firearm injuries: Describe different types of firearms including structure and components. Along with description of ammunition, propellant charge and mechanism of firearms, different types of cartridges and bullets and various terminology in relation of firearm – caliber, range, choking	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and describe the structure, types and mechanism of firearm B. Define and discuss ammunition, propellant charge, caliber, range and choking C. Describe the structure and types of cartridge and bullets	19.11.2021 08:30 to 09:30 AM	Surge ry, Ortho paedi cs	Lecture	Written

FM3.10	Firearm injuries: Describe and discuss wound ballistics-different types of firearm injuries, blast injuries and their interpretation, preservation and dispatch of trace evidences in cases of firearm and blast injuries, various tests related to confirmation of use of firearms	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe different types of wound ballistics, firearm injuries and blast injuries B. Discuss the interpretation of rifled and shotgun firearm injuries at various ranges C. Describe the procedure of preservation and dispatch of trace evidences in firearm and blast injuries D. Discuss various tests done to confirm use of firearms	26.11.2021 08:30 to 09:30 AM	Surge ry, Ortho paedi cs	Lecture	Written
FM3.11	Regional Injuries: Describe and discuss regional injuries to head (scalp wounds, fracture skull, intracranial haemorrhages, coup and contrecoup injuries), neck, chest, abdomen, limbs, genital organs, spinal cord and skeleton	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss cause, clinical features and medicolegal importance of scalp injuries B. A. Define and discuss types, cause, mechanism and medicolegal importance of skull fractures C. Define and discuss cause, clinical features and medicolegal importance of extradural haemorrhages D. Define and discuss cause, clinical features and medicolegal importance of subdural haemorrhages E. Define and discuss cause, clinical features and medicolegal importance of subarachnoid haemorrhages F. Define and discuss cause, clinical features and medicolegal importance of intracerebral and pontine haemorrhages G. Define and describe cause and clinical features of coup and contrecoup injuries H. Discuss injuries to neck, chest, abdomen, limbs, genital organs, spinal cord and skeleton	03.12.2021 08:30 to 09:30 AM	Surge ry, Ortho paedi cs	Lecture	Written
FM3.12	Regional Injuries: Describe and discuss injuries related to fall from height and vehicular injuries – Primary and Secondary impact, Secondary injuries, crush syndrome, railway spine	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss injuries caused by fall from height and their medicolegal importance B. Describe types of vehicular injuries - primary and secondary impact injuries and secondary injuries C. Discuss crush syndrome and railway spine				

FM3.13	Describe different types of sexual offences. Describe various sections of IPC regarding rape including definition of rape (Section 375 IPC), Punishment for Rape (Section 376 IPC) and recent amendments notified till date	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and describe types of sexual offences and various IPCs related to it like Sec 375 and 376 IPC with its recent amendments	23.03.2021 02:30 to 04:30 PM	OBG	Integreted Teaching	Written
FM3.14	SEXUAL OFFENCES: Describe and discuss the examination of the victim of an alleged case of rape, and the preparation of report, framing the opinion and preservation and despatch of trace evidences in such cases	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss the examination of the victim of an alleged case of rape and the preparation of report with framing the opinion B. Describe preservation and despatch of trace evidences in such cases	30.03.2021 02:30 to 04:30 PM	OBG, Psych iatry	Integreted Teaching, DOAP	OSPE, Viva Voice
FM3.15	SEXUAL OFFENCES: Describe and discuss examination of accused and victim of sodomy, preparation of report, framing of opinion, preservation and despatch of trace evidences in such cases	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss the examination of the accused and victim of an alleged case of sodmy and the preparation of report with framing the opinion B. Describe preservation and despatch of trace evidences in such cases	06.04.2021 02:30 to 04:30 PM	OBG, Psych iatry	Integreted Teaching, DOAP	OSPE, Viva Voice
FM3.16	SEXUAL OFFENCES: Describe and discuss adultery and unnatural sexual offences - sodomy, incest, lesbianism, buccal coitus, bestiality, indecent assault and preparation of report, framing the opinion and preservation and despatch of trace evidences in such cases	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss adultery and its medicolegal importance B. Define and describe unnatural sexual offences - incest, lesbianism, buccal coitus, bestiality, indecent assault and the preparation of report with framing the opinion C. Describe preservation and despatch of trace evidences in such cases	13.04.2021 02:30 to 04:30 PM	OBG, Psych iatry	Integreted Teaching	Written
FM3.17	SEXUAL OFFENCES: Describe and discuss the sexual perversions fetishism, transvestism, voyeurism, sadism, necrophagia, masochism, exhibitionism, frotteurism, necrophilia	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss the sexual perversions like fetishism, transvestism, voyeurism, sadism, necrophagia, masochism, exhibitionism, frotteurism, necrophilia with its medicolegal importance	20.04.2021 02:30 to 04:30 PM	OBG, Psych iatry	Integreted Teaching	Written

FM3.18	Describe anatomy of male and female genitalia, hymen and its types. Discuss the medico-legal importance of hymen. Define virginity, defloration, legitimacy and its medicolegal importance	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss virginity, defloration, legitimacy and its medicolegal importance B. Describe anatomy of male and female genitals C. Define and discuss types of hymen with its medicolegal importance	27.04.2021 02:30 to 04:30 PM	OBG	Integreted Teaching	Written
FM3.19	Discuss the medicolegal aspects of pregnancy and delivery, signs of pregnancy, precipitate labour, superfoetation, superfecundation and signs of recent and remote delivery in living and dead	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss pregnancy with its types and medicolegal importance B. Define delivery and discuss signs of recent and remote delivery in dead and living with its medicolegal importance C. Define and discuss superfoetation and superfecundation	04.05.2021 02:30 to 04:30 PM	OBG	Integreted Teaching	Written
FM3.20	Discuss disputed paternity and maternity	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss disputed paternity and maternity with its medicolegal importances	11.05.2021 02:30 to 04:30 PM	OBG	Integreted Teaching	Written
FM3.21	Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC&PNDT) - Prohibition of Sex Selection Act 2003 and Domestic Violence Act 2005	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC&PNDT) - Prohibition of Sex Selection Act 2003 and Domestic Violence Act 2005 with its medicolegal importances	18.05.2021 02:30 to 04:30 PM	OBG, AET COM	Integreted Teaching	Written
FM3.22	Define and discuss impotence, sterility, frigidity, sexual dysfunction, premature ejaculation. Discuss the causes of impotence and sterility in male and female	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss the cause, investigations and medicolegal importance of impotence and sterility in male and female B. Define and describe cause and medicolegal importance of frigidity, sexual dysfunction and premature ejaculation.	25.05.2021 02:30 to 04:30 PM	OBG, Medi cine	Integreted Teaching	Written

FM3.23	Discuss Sterilization of male and female, artificial insemination, Test Tube Baby, surrogate mother, hormonal replacement therapy with respect to appropriate national and state laws	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss methods of sterilization of male and female B. Describe artificial insemination, test tube baby, surrogate mother, hormonal replacement therapy with respect to appropriate national and state laws and its medicolegal importance	08.06.2021 02:30 to 04:30 PM	OBG	Integreted Teaching	Written
FM3.24	Discuss the relative importance of surgical methods of contraception (vasectomy and tubectomy) as methods of contraception in the National Family Planning Programme	K	K/ K H	N	At the end of the session the student should be able to: A. Discuss the relative importance of vasectomy and tubectomy as methods of contraception in the National Family Planning Programme	15.06.2021 02:30 to 04:30 PM	OBG	Integreted Teaching	Written
FM3.25	Discuss the major results of the National Family Health Survey	K	K/ K H	N	At the end of the session the student should be able to: A. Discuss the major results of the National Family Health Survey				
FM3.26	Discuss the national Guidelines for accreditation, supervision & regulation of ART Clinics in India	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss the national Guidelines for accreditation, supervision & regulation of ART Clinics in India	22.06.2021 02:30 to 04:30 PM	OBG	Integreted Teaching	Written
FM3.27	Define, classify and discuss abortion, methods of procuring MTP and criminal abortion and complication of abortion. MTP Act 1971	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss types of abortion B. Describe methods of criminal abortion and its complication. C. Discuss salient features of MTP Act 1971	29.06.2021 02:30 to 04:30 PM	OBG, AET COM	Integreted Teaching	Written
FM3.28	Describe evidences of abortion - living and dead, duties of doctor in cases of abortion, investigations of death due to criminal abortion	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe evidences of recent and remote abortion in living and dead B. Discuss the duties of doctor in cases of abortion and investigations of death due to criminal abortion	06.07.2021 02:30 to 04:30 PM	OBG, Patho logy, Paedi atrics	Integreted Teaching	Written
FM3.29	Describe and discuss child abuse and battered baby syndrome	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss cause, clinical features, diagnosis and medicolegal importance of child abuse and battered baby syndrome				

FM3.30	Describe and discuss issues relating to torture, identification of injuries caused by torture and its sequelae, management of torture survivors	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and discuss types, clinical features, diagnosis, management and medicolegal importance in relation to torture and its sequelae	13.07.2021 02:30 to 04:30 PM		Lecture	Written
FM3.31	Torture and Human rights Describe and discuss guidelines and Protocols of National Human Rights Commission regarding torture	K	K/ K H	N	At the end of the session the student should be able to: A. Discuss guidelines and protocols of National Human Rights Commission regarding torture				
FM3.32	Demonstrate the professionalism while preparing reports in medicolegal situations, interpretation of findings and making inference/opinion, collection preservation and dispatch of biological or trace evidences	A an d C	SH	Y	At the end of the session the student should be able to: A. Demonstrate the professionalism while preparing reports in medicolegal situations, interpretation of findings and making inference / opinion, collection, preservation and dispatch of biological or trace evidences	20.07.2021 02:30 to 04:30 PM	AET COM	Lecture, DOAP	Written
FM3.33	Should be able to demonstrate the professionalism while dealing with victims of torture and human right violations, sexual assaults - psychological consultation, rehabilitation	A an d C	K/ K H/ S	Y	At the end of the session the student should be able to: A. Demonstrate the professionalism while dealing with victims of torture and human right violations, sexual assaults, psychological consultation and rehabilitation	27.07.2021 02:30 to 04:30 PM	AET COM	Lecture, DOAP	Written
<b>Medical Jurisprudence (Medical Law and ethics)</b>									
FM4.1	Describe Medical Ethics and explain its historical emergence	K	K H	Y	At the end of the session the student should be able to: A. Define and describe Medical Ethics with its historical emergence	22.04.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.2	Describe the Code of Medical Ethics (Professional Conduct, Etiquette and Ethics) Regulations 2002 in medical practice and unethical practices & the dichotomy	K	K H	Y	At the end of the session the student should be able to: A. Describe the Code of Medical Ethics (Professional Conduct, Etiquette and Ethics) Regulations 2002 in medical practice B. Define and discuss types of unethical practices & dichotomy	13.05.2022 08:30 to 09:30 AM	AET COM	Lecture	Written

FM4.3	Describe the functions and role of Medical Council of India and State Medical Councils	K	K H	Y	At the end of the session the student should be able to: A. Describe the structure, functions and role of Medical Council of India B. Describe the structure, functions and role of State Medical Councils	20.05.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.4	Describe the Indian Medical Register	K	K H	Y	At the end of the session the student should be able to: A. Describe the Indian Medical Register				
FM4.5	Rights / privileges of a medical practitioner, penal erasure, infamous conduct, disciplinary committee, disciplinary procedures, warning notice and penal erasure	K	K H	Y	At the end of the session the student should be able to: A. Discuss the rights / privileges of a medical practitioner B. Define and describe the procedure of penal erasure C. Define and discuss types of infamous conduct D. Describe the disciplinary committee and its procedures like warning notice and penal erasure	27.05.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.6	Describe the Laws in Relation to medical practice and the duties of a medical practitioner towards patients and society	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the Laws in Relation to medical practice and the duties of a medical practitioner towards patients and society	08.07.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.7	Describe and discuss the ethics related to HIV patients	K	K/ K H	Y	At the end of the session the student should be able to: A. Discuss the ethics related to HIV patients	06.05.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.8	Describe the Consumer Protection Act - 1986 (Medical Indemnity Insurance, Civil Litigations and Compensations), Workman's Compensation Act & ESI Act	K	K H	Y	At the end of the session the student should be able to: A. Describe the Consumer Protection Act 1986 B. Discuss Medical Indemnity Insurance C. Describe Civil Litigations and its Compensations D. Discuss salient features of Workman's Compensation Act & ESI Act	15.07.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.9	Describe the medico - legal issues in relation to family violence, violation of human rights, NHRC and doctors	K	K H	N	At the end of the session the student should be able to: A. Describe the medico - legal issues in relation to family violence, violation of human rights, NHRC and doctors	22.07.2022 08:30 to 09:30 AM	AET COM	Lecture	Written

FM4.10	Describe communication between doctors, public and media	K	K H	Y	At the end of the session the student should be able to: A. Describe communication between doctors, public and media	19.08.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.11	Describe and discuss euthanasia	K	K H	Y	At the end of the session the student should be able to: A. Describe and discuss types, etical, social and medicolegal issues in relation to euthanasia	29.07.2022 08:30 to 09:30 AM	AET COM, Phar macol ogy	Integreted Teaching	Written
FM4.12	Discuss legal and ethical issues in relation to stem cell research	K	K H	Y	At the end of the session the student should be able to: A. Discuss legal and ethical issues in relation to stem cell research	06.05.2022 08:30 to 09:30 AM	AET COM, Phar macol ogy	Integreted Teaching	Written
FM4.13	Describe social aspects of medico-legal cases with respect to victims of assault, rape, attempted suicide, homicide, domestic violence, dowry- related cases	K	K H	Y	At the end of the session the student should be able to: A. Describe social aspects of medico-legal cases with respect to victims of assault, rape, attempted suicide, homicide, domestic violence, dowry- related cases	05.08.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.14	Describe & discuss the challenges in managing medico-legal cases including development of skills in relationship management – Human behaviour, communication skills, conflict resolution techniques	K	K H	Y	At the end of the session the student should be able to: A. Describe & discuss the challenges in managing medico-legal cases including development of skills in relationship management – Human behaviour, communication skills, conflict resolution techniques	12.08.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.15	Describe the principles of handling pressure – definition, types, causes, sources and skills for managing the pressure while dealing with medico-legal cases by the doctor	K	K H	Y	At the end of the session the student should be able to: A. Describe the principles of handling pressure B. Define and discuss the types, causes, sources and skills for managing the pressure while dealing with medico-legal cases by the doctor	12.08.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.16	Describe and discuss Bioethics	K	K H	Y	At the end of the session the student should be able to: A. Define and discuss the history and relavance Bioethics in medical practice and research	08.04.2022 08:30 to	AET COM, Phar	Lecture, Integreted	Written

FM4.17	Describe and discuss ethical Principles: Respect for autonomy, non-maleficence, beneficence & justice	K	K H	Y	At the end of the session the student should be able to: A. Describe ethical principles: Respect for autonomy, non-maleficence, beneficence & justice	08.06.2022 09:30 AM	Pharmacology	Integrated Teaching	Written
FM4.18	Describe and discuss medical negligence including civil and criminal negligence, contributory negligence, corporate negligence, vicarious liability, Res Ipsa Loquitor, prevention of medical negligence and defenses in medical negligence litigations	K	K H	Y	At the end of the session the student should be able to: A. Define and describe types of medical negligence B. Discuss civil and criminal negligence, contributory negligence, corporate negligence C. Define and discuss vicarious liability and Res Ipsa Loquitor D. Discuss prevention of medical negligence and defenses in medical negligence litigations	03.06.2022 10.06.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.19	Define Consent. Describe different types of consent and ingredients of informed consent. Describe the rules of consent and importance of consent in relation to age, emergency situation, mental illness and alcohol intoxication	K	K H	Y	At the end of the session the student should be able to: A. Define and describe different types of consent with its medicolegal importance B. Discuss various ingredients and rules of informed consent form with its importance in relation to age, emergency situation, mental illness and alcohol intoxication	17.06.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.20	Describe therapeutic privilege, Malingering, Therapeutic Misadventure, Professional Secrecy, Human Experimentation	K	K H	Y	At the end of the session the student should be able to: A. Define and describe therapeutic privilege, therapeutic misadventure, professional secrecy and its medicolegal importance B. Discuss on human experimentation and its social, ethical and moral issues	24.06.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.21	Describe Products liability and Medical Indemnity Insurance	K	K H	Y	At the end of the session the student should be able to: A. Define and describe products liability and medical indemnity insurance	01.07.2022 08:30 to 09:30 AM		Lecture	Written
FM4.22	Explain Oath – Hippocrates, Charaka and Sushruta and procedure for administration of Oath.	K	K H	Y	At the end of the session the student should be able to: A. Define oath and discuss on historical importance of Hippocrates, Charaka and Sushruta B. Describe the procedure for administration of oath	01.04.2022 08:30 to	AET COM, Phar	Lecture, Integrated	Written

FM4.23	Describe the modified Declaration of Geneva and its relevance	K	K H	Y	At the end of the session the student should be able to: A. Describe the modified Declaration of Geneva and its relevance	09:30 AM	macol ogy	Teaching	
FM4.24	Enumerate rights, privileges and duties of a Registered Medical Practitioner. Discuss doctor- patient relationship: professional secrecy and privileged communication	K	K H	Y	At the end of the session the student should be able to: A. Enumerate rights, privileges and duties of a Registered Medical Practitioner. B. Discuss doctor- patient relationship and privileged communication	13.05.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.25	Clinical research & Ethics Discuss human experimentation including clinical trials	K	K H	N	At the end of the session the student should be able to: A. Discuss clinical research & ethics and human experimentation including clinical trials	22.04.2022 08:30 to 09:30 AM	AET COM, Phar macol ogy	Integreted Teaching	Written
FM4.26	Discuss the constitution and functions of ethical committees	K	K H	Y	At the end of the session the student should be able to: A. Discuss the constitution and functions of ethical committees	29.04.2022 08:30 to 09:30 AM	AET COM, Phar macol ogy	Integreted Teaching	Written
FM4.27	Describe and discuss Ethical Guidelines for Biomedical Research on Human Subjects & Animals	K	K H	N	At the end of the session the student should be able to: A. Discuss Ethical Guidelines for Biomedical Research on Human Subjects & Animals				
FM4.28	Demonstrate respect to laws relating to medical practice and Ethical code of conduct prescribed by Medical Council of India and rules and regulations prescribed by it from time to time	A and C	SH	Y	At the end of the session the student should be able to: A. Demonstrate respect to laws relating to medical practice and Ethical code of conduct prescribed by Medical Council of India and rules and regulations prescribed by it from time to time	19.08.2022 08:30 to 09:30 AM	AET COM, Phar macol ogy	Integreted Teaching	Written
FM4.29	Demonstrate ability to communicate appropriately with media, public and doctors	A and C	K H/ SH	Y	At the end of the session the student should be able to: A. Demonstrate ability to communicate appropriately with media, public and doctors	26.08.2022 08:30 to 09:30 AM	AET COM	Lecture	Written
FM4.30	Demonstrate ability to conduct research in pursuance to guidelines or research ethics	A and C	K H/ SH	Y	At the end of the session the student should be able to: A. Demonstrate ability to conduct research in pursuance to guidelines or research ethics				

**Forensic Psychiatry**

FM5.1	Classify common mental illnesses including post-traumatic stress disorder (PTSD)	K	K/ K H	Y	At the end of the session the student should be able to: A. Define and classify common mental illnesses including post-traumatic stress disorder (PTSD)				
FM5.2	Define, classify and describe delusions, hallucinations, illusion, lucid interval and obsessions with exemplification	K	K/ K H	Y	At the end of the session the student should be able to: A. Define, classify and describe delusions with exemplification, B. Define, classify and describe hallucinations, illusion and obsessions with exemplification, C. Define and discuss the mechanism of lucid interval with its medicolegal importance	10.12.2021 08:30 to 09:30 AM	Psychiatry	Integreted Teaching	Written
FM5.3	Describe Civil and criminal responsibilities of a mentally ill person	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe Civil and criminal responsibilities of a mentally ill person	17.12.2021 08:30 to 09:30 AM	Psychiatry	Integreted Teaching	Written
FM5.4	Differentiate between true insanity from feigned insanity	K	K/ K H	Y	At the end of the session the student should be able to: A. Differentiate between true insanity from feigned insanity				
FM5.5	Describe & discuss Delirium tremens	K	K/ K H	Y	At the end of the session the student should be able to: A. Define & discuss Delirium tremens	24.12.2021 08:30 to 09:30 AM	Psychiatry, Medicine	Integreted Teaching	Written
FM5.6	Describe the Indian Mental Health Act, 1987 with special reference to admission, care and discharge of a mentally ill person	K	K/ K H	N	At the end of the session the student should be able to: A. Describe the Indian Mental Health Act, 1987 with special reference to admission, care and discharge of a mentally ill person				

**Forensic Laboratory investigation in medical legal practice**

FM6.1	Describe different types of specimen and tissues to be collected both in the living and dead: Body fluids (blood, urine, semen, faeces, saliva), Skin, Nails, tooth pulp, vaginal smear, viscera, skull, specimen for histo-pathological examination, blood grouping, HLA Typing and DNA Fingerprinting. Describe Locard's Exchange Principle	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe different types of specimen like body fluids (blood, urine, semen, faeces, saliva), skin, nails, tooth pulp, vaginal smear, viscera and skull to be collected both in the living and dead for histo-pathological examination, blood grouping, HLA Typing and DNA Fingerprinting. B. Describe Locard's Exchange Principle and its medicolegal importance	28.04.2022 02:30 to 04:30 PM	Pathology	Integreted Teaching	Written
FM6.2	Describe the methods of sample collection, preservation, labelling, dispatch, and interpretation of reports	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the methods of sample collection, preservation, labelling, dispatch and interpretation of reports				
FM6.3	Demonstrate professionalism while sending the biological or trace evidences to Forensic Science laboratory, specifying the required tests to be carried out, objectives of preservation of evidences sent for examination, personal discussions on interpretation of findings	A and C	K H/ SH	Y	At the end of the session the student should be able to: A. Demonstrate professionalism while sending the biological or trace evidences to Forensic Science laboratory, specifying the required tests to be carried out, objectives of preservation of evidences sent for examination, personal discussions on interpretation of findings	05.05.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
<b>Emerging technologies in Forensic Medicine</b>									
FM7.1	Enumerate the indications and describe the principles and appropriate use of DNA profiling, Facial reconstruction, Polygraph (Lie Detector), Narcoanalysis, Brain Mapping, Digital autopsy, Virtual Autopsy, and Imaging technologies	K	K/ K H	N	At the end of the session the student should be able to: A. Enumerate the indications and describe the principles and appropriate use of DNA profiling, Facial reconstruction, Polygraph (Lie Detector), Narcoanalysis, Brain Mapping, Digital autopsy, Virtual Autopsy, and Imaging technologies	12.05.2022 02:30 to 04:30 PM		Lecture	Written
<b>Toxicology: General Toxicology</b>									
FM8.1	Describe the history of Toxicology	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the history of toxicology				

FM8.2	Define the terms Toxicology, Forensic Toxicology, Clinical Toxicology and poison	K	K/ K H	Y	At the end of the session the student should be able to: A. Define toxicology, forensic toxicology, clinical toxicology and poison	31.12.2021 08:30 to 09:30 AM	Phar macol ogy	Integreted Teaching	Written
FM8.3	Describe the various types of poisons, Toxicokinetics and Toxicodynamics and diagnosis of poisoning in living and dead	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the various types of poisons, toxicokinetics and toxicodynamics and diagnosis of poisoning in living and dead				
FM8.4	Describe the Laws in relations to poisons including NDPS Act, Medico-legal aspects of poisons	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the laws in relations to poisons including NDPS Act and medico-legal aspects of poisons				
FM8.5	Describe Medico-legal autopsy in cases of poisoning including preservation and dispatch of viscera for chemical analysis	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the process of medico-legal autopsy in cases of poisoning including preservation and dispatch of viscera for chemical analysis	07.01.2022 08:30 to 09:30 AM	Phar macol ogy	Integreted Teaching	Written
FM8.6	Describe the general symptoms, principles of diagnosis and management of common poisons encountered in India	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the general symptoms, principles of diagnosis and management of common poisons encountered in India	21.01.2022 08:30 to 09:30 AM	Phar macol ogy	Integreted Teaching	Written
FM8.7	Describe simple Bedside clinic tests to detect poison / drug in a patient's body fluids	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe different simple bedside clinic tests to detect poison / drug in a patient's body fluids				
FM8.8	Describe basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination				

FM8.9	Describe the procedure of intimation of suspicious cases or actual cases of foul play to the police, maintenance of records, preservation and despatch of relevant samples for laboratory analysis.	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the procedure of intimation of suspicious cases or actual cases of foul play to the police, maintenance of records, preservation and despatch of relevant samples for laboratory analysis.				
FM8.10	Describe the general principles of Analytical Toxicology and give a brief description of analytical methods available for toxicological analysis: Chromatography – Thin Layer Chromatography, Gas Chromatography, Liquid Chromatography and Atomic Absorption Spectroscopy	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe the general principles of analytical toxicology B. Discuss the mechanism, interpretation of results and medicolegal importance thin layer chromatography, gas chromatography, liquid chromatography and atomic absorption spectroscopy	28.01.2022 08:30 to 09:30 AM		Lecture	Written
<b>Toxicology : Chemical Toxicology</b>									
FM9.1	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics Inorganic – sulphuric, nitric, and hydrochloric acids; Organic - Carbolic Acid (phenol), Oxalic and acetylsalicylic acids	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics Inorganic – sulphuric, nitric, and hydrochloric acids; Organic - Carbolic Acid (phenol), Oxalic and acetylsalicylic acids	04.02.2022 08:30 to 09:30 AM	Pharmacology, Medicine	Integrated Teaching	Written
FM9.2	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Phosphorus, Iodine, Barium	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Phosphorus, Iodine, Barium	11.02.2022 08:30 to 09:30 AM	Pharmacology, Medicine	Integrated Teaching	Written

FM9.3	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Arsenic, lead, mercury, copper, iron, cadmium and thallium	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Arsenic, lead, mercury, copper, iron, cadmium and thallium	18.02.2022 08:30 to 09:30 AM	Pharmacology, Medicine	Integrated Teaching	Written
FM9.4	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ethanol, methanol, ethylene glycol	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ethanol, methanol, ethylene glycol	25.02.2022 08:30 to 09:30 AM	Pharmacology, Medicine	Integrated Teaching	Written
FM9.5	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates, Organochlorines, Pyrethroids, Paraquat, Aluminium and Zinc phosphide	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates, Organochlorines, Pyrethroids, Paraquat, Aluminium and Zinc phosphide	04.03.2022 08:30 to 09:30 AM	Pharmacology, Medicine	Integrated Teaching	Written
FM9.6	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ammonia, carbon monoxide, hydrogen cyanide & derivatives, methyl isocyanate, tear (riot control) gases	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ammonia, carbon monoxide, hydrogen cyanide & derivatives, methyl isocyanate, tear (riot control) gases	11.03.2022 08:30 to 09:30 AM	Pharmacology, Medicine	Integrated Teaching	Written
<b>Toxicology : Pharmaceutical Toxicology</b>									

FM10.1	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: i. Antipyretics – Paracetamol, Salicylates ii. Anti-Infectives (Common antibiotics – an overview) iii. Neuropsychotoxicology Barbiturates, benzodiazepins phenytoin, lithium, haloperidol, neuroleptics, tricyclics iv .Narcotic Analgesics, Anaesthetics, and Muscle Relaxants v. Cardiovascular Toxicology Cardiotoxic plants – oleander, odollam, aconite, digitalis vi.Gastro-Intestinal and Endocrinal Drugs – Insulin	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: i. Antipyretics – Paracetamol, Salicylates ii. Anti-Infectives (Common antibiotics – an overview) iii. Neuropsychotoxicology Barbiturates, benzodiazepins phenytoin, lithium, haloperidol, neuroleptics, tricyclics iv .Narcotic Analgesics, Anaesthetics, and Muscle Relaxants v. Cardiovascular Toxicology Cardiotoxic plants – oleander, odollam, aconite, digitalis vi.Gastro-Intestinal and Endocrinal Drugs – Insulin	18.03.2022 08:30 to 09:30 AM	Pharmacology, Medicine	Integreted Teaching	Written
<b>Toxicology : Biotoxicology</b>									
FM11.1	Describe features and management of Snake bite, scorpion sting, bee and wasp sting and spider bite	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe types, features and management of Snake bite B. Describe features and management of scorpion sting, bee and wasp sting and spider bite	25.03.2022 08:30 to 09:30 AM	Medicine	Integreted Teaching	Written
<b>Written</b>									
FM12.1	Describe features and management of abuse / poisoning with following camicals: Tobacco, cannabis, amphetamines, cocaine, hallucinogens, designer drugs & solvent	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe features and management of abuse / poisoning with following camicals: Tobacco, cannabis, amphetamines, cocaine, hallucinogens, designer drugs & solvent	07.04.2022 02:30 to 04:30 PM	Medicine	Integreted Teaching	Written
<b>Toxicology : Environmental Toxicology</b>									
FM13.1	Describe toxic pollution of environment, its medico-legal aspects & toxic hazards of occupation and industry	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe toxic pollution of environment, its medico-legal aspects & toxic hazards of occupation and industry	21.04.2022 02:30 to	Medicine	Lecture, Integreted	Written

FM13.2	Describe medico-legal aspects of poisoning in Workman's Compensation Act	K	K/ K H	Y	At the end of the session the student should be able to: A. Describe medico-legal aspects of poisoning in Workman's Compensation Act	04:30 PM		Teaching	
<b>Skills in Forensic Medicine &amp; Toxicology</b>									
FM14.1	Examine and prepare Medico-legal report of an injured person with different etiologies in a simulated / supervised environment	S	SH /P	Y	At the end of the session the student should be able to: A. Demonstrate the ability to examine and prepare medico-legal report of an injured person with different etiologies in a simulated / supervised environment	09.06.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.2	Demonstrate the correct technique of clinical examination in a suspected case of poisoning & prepare medico-legal report in a simulated / supervised environment	S	SH	Y	At the end of the session the student should be able to: A. Demonstrate the ability to perform the correct technique of clinical examination in a suspected case of poisoning & prepare medico-legal report in a simulated / supervised environment	16.09.2022 02:30 to 04:30 PM	Medi cine	Integreted Teaching, Lecture, DOAP	OSPE, Viva Voice
FM14.3	Assist and demonstrate the proper technique in collecting, preserving and dispatch of the exhibits in a suspected case of poisoning, along with clinical examination	S	SH	Y	At the end of the session the student should be able to: A. Demonstrate the ability to carry out the proper technique in collecting, preserving and dispatch of the exhibits in a suspected case of poisoning, along with clinical examination				
FM14.4	Conduct and prepare report of estimation of age of a person for medico-legal and other purposes & prepare medico-legal report in a simulated / supervised environment	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to conduct and prepare report of estimation of age of a person for medico-legal and other purposes and prepare medico-legal report in a simulated / supervised environment	30.06.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.5	Conduct & prepare post-mortem examination report of varied etiologies (at least 15) in a simulated / supervised environment	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to conduct & prepare post-mortem examination report of varied etiologies (at least 15) in a simulated / supervised environment	07.07.2022 14.07.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice

FM14.6	Demonstrate and interpret medico-legal aspects from examination of hair (human & animal) fibre, semen & other biological fluids	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to perform and interpret medico-legal aspects from examination of hair (human & animal) fibre, semen & other biological fluids	21.07.2022 02:30 to 04:30 PM	Physiology, Pathology	Integreted Teaching, Lecture, DOAP	OSPE, Viva Voice
FM14.7	Demonstrate & identify that a particular stain is blood and identify the species of its origin	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to perform & identify that a particular stain is blood and its species of origin				
FM14.8	Demonstrate the correct technique to perform and identify ABO & RH blood group of a person	S	SH	Y	At the end of the session the student should be able to: A. Demonstrate the ability to perform the correct technique and identify ABO & RH blood group of a person				
FM14.9	Demonstrate examination of & present an opinion after examination of skeletal remains in a simulated / supervised environment	S	SH	Y	At the end of the session the student should be able to: A. Demonstrate the ability to examine & present an opinion after examination of skeletal remains in a simulated / supervised environment	23.06.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.10	Demonstrate ability to identify & prepare medicolegal inference from specimens obtained from various types of injuries e.g. contusion, abrasion, laceration, firearm wounds, burns, head injury and fracture of bone	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to identify & prepare medicolegal inference from specimens obtained from various types of injuries e.g. contusion, abrasion, laceration, firearm wounds, burns, head injury and fracture of bone	09.06.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice

FM14.11	To identify & describe weapons of medicolegal importance which are commonly used e.g. lathi, knife, kripan, axe, gandas, gupti, farsha, dagger, bhalla, razor & stick. Able to prepare report of the weapons brought by police and to give opinion regarding injuries present on the person as described in injury report/ PM report so as to connect weapon with the injuries. (Prepare injury report / PM report must be provided to connect the weapon with the injuries)	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to identify & describe weapons of medicolegal importance which are commonly used e.g. lathi, knife, kripan, axe, gandas, gupti, farsha, dagger, bhalla, razor & stick. B. Demonstrate the ability to prepare report of the weapons brought by police and to give opinion regarding injuries present on the person as described in injury report / PM report so as to connect weapon with the injuries. (Prepare injury report / PM report must be provided to connect the weapon with the injuries)	21.07.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.12	Describe the contents and structure of bullet and cartridges used & to provide medico-legal interpretation from these	S	K H	Y	At the end of the session the student should be able to: A. Describe the contents and structure of bullet and cartridges used and to provide medico-legal interpretation from these				
FM14.13	To estimate the age of foetus by post-mortem examination	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to estimate the age of foetus by post-mortem examination	23.06.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.14	To examine & prepare report of an alleged accused in rape / unnatural sexual offence in a simulated / supervised environment	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to examine & prepare report of an alleged accused in rape / unnatural sexual offence in a simulated / supervised environment	28.07.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.15	To examine & prepare medico-legal report of a victim of sexual offence / unnatural sexual offence in a simulated / supervised environment	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to examine & prepare medico-legal report of a victim of sexual offence / unnatural sexual offence in a simulated / supervised environment	04.08.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice

FM14.16	To examine & prepare medico-legal report of drunk person in a simulated / supervised environment	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to examine & prepare medico-legal report of drunk person in a simulated / supervised environment	11.08.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.17	To identify & draw medico-legal inference from common poisons e.g. dhatura, castor, cannabis, opium, aconite, copper sulphate, pesticides compounds, marking nut, oleander, nux vomica, abrus seeds, snakes, capsicum, calotropis, lead compounds & tobacco.	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to identify & draw medico-legal inference from common poisons e.g. dhatura, castor, cannabis, opium, aconite, copper sulphate, pesticides compounds, marking nut, oleander, nux vomica, abrus seeds, snakes, capsicum, calotropis, lead compounds & tobacco.	18.08.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.18	To examine & prepare medico-legal report of a person in police, judicial custody or referred by court of law and violation of human rights as requirement of NHRC, who has been brought for medical examination	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to examine & prepare medico-legal report of a person in police, judicial custody or referred by court of law and violation of human rights as requirement of NHRC, who has been brought for medical examination				
FM14.19	To identify & prepare medico-legal inference from histo-pathological slides of myocardial infarction, pneumonitis, tuberculosis, brain infarct, liver cirrhosis, brain haemorrhage, bone fracture, pulmonary oedema, brain oedema, soot particles, diatoms & wound healing	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to identify & prepare medico-legal inference from histo-pathological slides of myocardial infarction, pneumonitis, tuberculosis, brain infarct, liver cirrhosis, brain haemorrhage, bone fracture, pulmonary oedema, brain oedema, soot particles, diatoms & wound healing	25.08.2022 02:30 to 04:30 PM		Lecture, DOAP	OSPE, Viva Voice
FM14.20	To record and certify dying declaration in a simulated / supervised environment	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to record and certify dying declaration in a simulated / supervised environment				
FM14.21	To collect, preserve, seal and dispatch exhibits for DNA fingerprinting using various formats of different laboratories	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to collect, preserve, seal and dispatch exhibits for DNA fingerprinting using various formats of different laboratories	21.07.2022 02:30 to		Lecture, DOAP	OSPE, Viva

FM14.22	To give expert medical / medico-legal evidence in Court of law	S	K H	Y	At the end of the session the student should be able to: A. Demonstrate the ability to give expert medical / medico-legal evidence in court of law	04:30 PM			2021	Voice
<b>Integration</b>										
<b>Human Anatomy</b>										
AN14.3	Describe the importance of ossification of lower end of femur & upper end of tibia	K	K H	Y						
<b>Pharmacology</b>										
PH1.22	Describe drugs of abuse (dependence, addiction, stimulants, depressants, psychedelics, drugs used for criminal offences)	K	K H	Y						
PH5.7	Demonstrate an understanding of the legal and ethical aspects of prescribing drugs	K	K H	Y						
<b>Radiodiagnosis</b>										
RD1.13	Describe the components of the PC & PNDT act and its medicolegal implications	K	K H	Y						
<b>Psychiatry</b>										
PS19.3	Describe and discuss the basic legal and ethical issues in psychiatry	K	K H	Y						
<b>General Medicine</b>										
IM20.1	Enumerate the poisonous snakes of your area and describe the distinguishing marks of each	K	K H	Y						
IM20.2	Describe, demonstrate in a volunteer or a mannequin and educate (to other health care workers / patients) the correct initial management of patient with a snake bite in the field	S	SH	Y						
IM20.3	Describe the initial approach to the stabilisation of the patient who presents with snake bite	K	K H	Y						

IM20.4	Elicit and document and present an appropriate history, the circumstance, time, kind of snake, evolution of symptoms in a patient with snake bite	S	SH	Y					
IM21.2	Enumerate the common plant poisons seen in your area and describe their toxicology, clinical features, prognosis and specific approach to detoxification	K	K H	Y					
IM21.3	Enumerate the common corrosives used in your area and describe their toxicology, clinical features, prognosis and approach to therapy	K	K H	Y					
IM21.4	Enumerate the commonly observed drug overdose in your area and describe their toxicology, clinical features, prognosis and approach to therapy	K	K H	Y					
IM21.5	Observe and describe the functions and role of a poison center in suspected poisoning	S	K H	Y					
IM21.6	Describe the medico legal aspects of suspected suicidal or homicidal poisoning and demonstrate the correct procedure to write a medico legal report on a suspected poisoning	S	K H	Y					
IM21.7	Counsel family members of a patient with suspected poisoning about the clinical and medico legal aspects with empathy	A/ C	SH	Y					
IM21.8	Enumerate the indications for psychiatric consultation and describe the precautions to be taken in a patient with suspected suicidal ideation / gesture	K	K H	Y					

**Obstetrics & Gynaecology**

OG1.3	Define and Discuss still birth and abortion								
OG9.2	Describe the steps and observe/ assist in the performance of an MTP evacuation	K	K H	Y					
OG20.1	Enumerate the indications and describe and discuss the legal aspects, indications, methods for first and second trimester MTP; complications and management of complications of medical termination of pregnancy	S	SH	Y					
OG20.2	In a simulated environment administer informed consent to a person wishing to undergo medical termination of pregnancy	K	K H	Y					
OG20.3	Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC&NDT) Act 1994 & its amendments	S/ A/ C	SH	Y					
<b>General Surgery</b>									
SU8.1	Describe the principles of Ethics as it pertains to surgery	K	K H	Y					
SU8.2	Demonstrate Professionalism and empathy to the patient undergoing surgery	A/ C	SH	Y					
SU8.3	Discuss Medico legal issues in surgical practice	A/ C	K H	Y					