

1.3.1. List of courses with their descriptions**Response:**

Name of Program	Name of Course	Cross cutting issue	Details of Cross cutting issue
MBBS	Anatomy	Ethics, Human values	Cadaver as a patient
		Ethics, Human values	What does it mean to be a doctor?
	Physiology	Attitude, Human values	What does it mean to be a patient?
		Attitude	Doctor - patient relationship
	Biochemistry	Communication	Foundation of Communication - I
	Community Medicine	Attitude	Clinician who understands and provides preventive, promotive, palliative and holistic care with compassion
		Communication	Communicator with patients, family, colleagues and community.
	Pathology	Attitude	Working in a health care team
		Attitude, Gender equality	What does it mean to be family member of a sick patient?
	Microbiology	Attitude, Right of Health issues	Bioethics-patient autonomy and decision making
	Pharmacology	Communication	Foundation of Communication – II
			Foundation of bioethics
			Health care is a right
	FMT	Communication	Foundation of Communication
		Communication, Right of Health issues	Confidentiality
	ENT	Right of Health issues	Identify, discuss and defend medico-legal, socio-cultural, professional and ethical issues as it pertains to the physician – patient relationship (including fiduciary duty
		Right of Health issues, Health Determinants	Identify and discuss physician's role and responsibility to society and the community that she/he serves
		Communication	Counseling and administering informed consent
		Communication, Right of Health issues	History taking
	Ophthalmology	Human Values Right of Health issues	Communication skills. Patient confidentiality Informed consents. Counseling patients prior to surgery / procedure

	General Medicine	Communication, Right of Health issues, Health Determinants	Administer informed consent and appropriately address patient queries to a patient undergoing a Surgical/ therapeutic procedure in a simulated environment.
		Communication, Attitude and Ethics	Communication, Attitude and Ethics Empathy, Doctor Patient Relationship, Effective Communication in terminally ill
		Attitude and Ethics	Ethics and attitude Doctor Industry relationship Conflicts of interests in patients care and professional
		Attitude and Ethics	Ethics and attitude Doctor Industry relationship, Conflicts of interests in patients care and professional.
		Communication, Attitude and Ethics	Communication, Attitude and Ethics Empathy, Death declaration, Handling emotions during death, Euthanasia , Breaking Bad News effectively.
		Communication	Foundation of Communication 5 Effectively communicating Diagnosis, Prognosis and therapy (Counseling skills)
		Ethics	Ethics Abortion, MTP, Reproductive rights and ethical conflicts
		Ethics	Ethics Legal aspects of Care, Medical negligence and malpractices
	General Surgery (Including Orthopedics)	Ethics	Describe the principles of Ethics as it pertains to General Surgery and demonstrate professionalism and empathy to the patient undergoing general surgery
		Communication	Describe the role of communication in patient safety
		Communication	Counsel patients and relatives on organ donation in a simulated Environment
			Enumerate the indications for hepatic transplantation

			Discuss Medico-legal issues in surgical practice
		Communication	Describe the steps and obtain informed consent in a simulated environment
			Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of the elderly undergoing surgery.
			Discuss the legal and ethical issues concerning organ donation
	Pediatrics	Human Value	Ethics in pediatric care
		Health Determinants	Integrated management of Neonatal and childhood illness, Facility based Integrated management of Neonatal and childhood illness
		Right to Health Issues	Rights of children-normal as well as special needs addressed Lecture and questions asked in final university exam on adoption, emotional deprivation, child abuse and neglect
		Ethics	Ethics in pediatric care
	OBGY	Ethics	Case studies in medico-legal and ethical situations
		Right to Health Issues	RCH, Safe motherhood program, MTP Act, PCPNDT Act, safe Abortion
		Health Determinants	Safe motherhood, maternal morbidity, near miss, Still Births, Neonatal Deaths, perinatal mortality

Name of Program	Name of Course	Cross cutting issue	Details of Cross cutting issue
MD	Anatomy	Ethics, Human values	Cadaver as a patient
MD	Physiology	Attitude	Doctor - patient relationship
MD	Biochemistry	Communication	Foundation of Communication - I
MD	Pathology	Attitude	Working in a health care team
		Professional Ethics	Blood transfusion, Integrity, Ownership of investigative material, Dichotomy
MD	Microbiology	Attitude, Right of Health issues	Bioethics-patient autonomy and decision making
		Environment and Sustainability	Biomedical Waste Managemnet
MD	Community Medicine	Ethics	Bioethics
		Right to Health	Concept of Health and Disease
		Attitude	Clinician who understands and provides preventive, promotive, palliative and holistic care with compassion
		Communication	Communicator with patients, family, colleagues and community.
MD	General Medicine	Human Values	Good professional etiquettes
		Right to Health Issues	Right of patient for treatment / procedures / surgery. Right to end of life care.

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MD	Pediatrics	Human Value	Ethics in pediatric care
		Health Determinants	Integrated management of Neonatal and childhood illness, Facility based Integrated management of Neonatal and childhood illness
		Right to Health Issues	Rights of children-normal as well as special needs addressed Lecture and questions asked in final university exam on adoption, emotional deprivation, child abuse and neglect
		Ethics	Ethics in pediatric care
MD	Respiratory Medicine	Environment and Sustainability	Use of Masks disposal of masks and disposal of sputum
		Health Determinants	To increase the immunity in TB patients. To make a general population aware of personal hygiene
		Emerging Demographic changes	Respiratory diseases common with ageing population which are associated several comorbidities
MD	Dermatology, Venereology & Leprosy	Human Values	Doctor patient communication, value-based education
		Health Determinants	To improve quality of life in leprosy patients
MD	Psychiatry	Right to Health Issues	Mental Health Act, Patient anatomy, privacy & confidentiality
		Emerging Demographic changes	Addiction in students & teenagers, Geriatrics mental issues
MS	General Surgery	Human Values	Value Based Education Professionalism
		Right to Health Issues	Patient Autonomy Privacy Confidentiality End of Life Care Informed Consent

MS	Orthopedics	Gender	Predisposition for degenerative arthritis changes due hormonal changes in females
		Human Values	Minimizing risk to subjects. Informed & voluntary consent in all orthopedic research. Balance between benefit and burden.
		Health Determinant	Disability adjusted life years Physical quality of life index
		Right to Health Issues	Amputation Salvage procedures.
MS	Oto-Rhino-Laryngology	Right of Health issues	Identify, discuss and defend medico-legal, socio-cultural, professional and ethical issues as it pertains to the physician – patient relationship (including fiduciary duty
		Right of Health issues, Health Determinants	Identify and discuss physician's role and responsibility to society and the community that she/he serves
		Communication	Counseling and administering informed consent
MS	Ophthalmology	Human Values	Communication skills. 2. Patient confidentiality
		Emerging Demographic changes	Computer vision syndrome Digital media and eyes
		Right to Health Issues	Informed consents. Counseling patients prior to surgery / procedure
MS	Obstetrics & Gynecology	Ethics	Case studies in medico-legal and ethical situations
		Right to Health Issues	RCH, Safe motherhood program, MTP Act, PCPNDT Act, safe Abortion
		Health Determinants	Safe motherhood, maternal morbidity, near miss, Still Births, Neonatal Deaths, perinatal mortality

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MD	Anesthesiology	Right to Health Issues	Patient Autonomy Privacy Confidentiality End of Life Care Informed Consent
		Health Determinants	Exposure to Inhalation Agents in OT (N2O, Halothane, etc). Radiation exposure Health Hazards
		Professional Ethics	Professionalism Communication Skills Research Ethics
MD	Radio-Diagnosis	Gender	10 day rule PCPNDT Act. Female attendant during Sonography and other procedures
		Health Determinants	Patient consent before procedures Patient privacy Patient Dignity Antenatal deflection of IUGR by sonography Anomaly scans
		Environment and Sustainability	Radiation Hazards and Radiation safety, ALARA, eLORA Radiation waste management
		Emerging Demographic changes	Recent Advances
MD	Emergency Medicine	Environment and Sustainability	Disaster preparedness & response, Natural disaster, Bomb blast & crash casualties.
		Human Values	Grief , death and dying DNR / DNI . delivering effect death notification in emergency department
		Emerging Demographic changes	Bioterrorism recognition and response – implication for the emergency clinicians Radiation injuries Infections drug users
		Professional Ethics	Clinical administration and treatment



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