



VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE
MADURAI - 625009

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List of Courses with their Descriptions

Program	Course	Cross Cutting Issues	Description
MBBS/MD	Anatomy	Environment & Sustainability	Biomedical Waste Disposal
MBBS/MD	Anatomy	Human Values	Cadaveric Oath
MBBS/MD	Anatomy	Professional Ethics	Genetic counselling
MBBS/MD	Community Medicine	Gender	Gender in medical education programs conducted addressing the issues on importance of girl's education, sexual harassment and women empowerment
MBBS/MD	Community Medicine	Environment & Sustainability	Environment & health awareness -programs conducted on pollution, over population, global warming, deforestation and loss of bio diversity, role of public in these issues.
MBBS/MD	Community Medicine	Human Values	Programs on bio ethics are regularly conducted every year. Apart from this, students are taught human values such as loyalty, honesty, efficiency, open mindedness, compassion,

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			commitment and boldness that helps an individual to build his character.
MBBS/MD	Community Medicine	Health determinants	Concept of health and disease. Through Family Health Survey Diet Survey, community medicine department students are exposed to various health determinant like income and social status, education and literacy, working conditions, social and physical environment, health practices prevailing child development practices, available health services, gender & culture affecting health of society.
MBBS/MD	Community Medicine	Right to health issues	Concept of health and right to health is taught while discussing various health organization like WHO, International Committee of the Red Cross, etc.
MBBS/MD	Community Medicine	Emerging demographic changes	Demography- issues like increasing rate of population, population explosion, large variation in Rural and Urban population.



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			male female ratio is discussed
MBBS/MD	Community Medicine	Professional Ethics	Bioethics
MBBS/MD	Microbiology	Environment & Sustainability	Biomedical Waste Disposal
MBBS/MD	Microbiology	Professional Ethics	Bioethics: USP, Sterilization & disinfection
MBBS/MD	Ophthalmology	Environment & Sustainability	Biomedical Waste Disposal
MBBS/MD	Ophthalmology	Human Values	Communication Skills & Confidentiality
MBBS/MD	Ophthalmology	Right to health issues	Counselling patients prior to surgery/ informed consent
MBBS/MD	Ophthalmology	Emerging demographic changes	Computer vision syndrome Digital medica & eyes.
MBBS/MD	Ophthalmology	Professional Ethics	Bedside manners
MBBS/MD	Pathology	Environment & Sustainability	Air pollution
MBBS/MD	Pathology	Professional Ethics	Blood transfusion, integrity, ownership of investigative material, dichotomy
MBBS/MD	Pediatrics	Gender	Screening of children, anticipatory guidance & counselling
MBBS/MD	Pediatrics	Environment & Sustainability	Environmental health hazards, chemical pollutants, heavy metal toxicity, lead poisoning
MBBS/MD	Pediatrics	Human Values	Ethics in pediatric care.
MBBS/MD	Pediatrics	Health determinants	Integrated management of

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			childhood and neonatal diseases, Facility Based management of childhood and neonatal diseases.
MBBS/MD	Pediatrics	Right to health issues	Rights of children- as well as special needs addressed lecture; questions asked in university exam on adoption, emotional deprivation, child abuse and neglect.
MBBS/MD	Pediatrics	Emerging demographic changes	Latest biostatistics and demographic data
MBBS/MD	Pediatrics	Professional Ethics	Ethics in pediatric care.
MBBS/MD	Pharmacology	Health determinants	Bioethics, Rational drug prescription
MBBS/MD	Pharmacology	Right to health issues	Adverse drug reaction
MBBS/MD	Pharmacology	Professional Ethics	Rational pharmacotherapy, standard treatment guidelines, antibiotic prescription guidelines.
MBBS/MD	Pharmacology	Environment & Sustainability	Biomedical waste disposal
MBBS/MD	Pharmacology	Human Values	Bioethics in clinical trial assessment.
MBBS/MD	Pharmacology	Health determinants	Rational drug utilization, implementation of rational health programme, pharmacovigilance

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			program in India.
MBBS/MD	Pharmacology	Right to health issues	Drug information services, Standard Treatment Guidelines, Antibiotic Prescription Guidelines.
MBBS/MD	Pharmacology	Professional Ethics	Risk minimization, polypharmacy communication & management skills.
MBBS/MD	Physiology	Gender	Clinical examination, bioethics: privacy & confidentiality.
MBBS/MD	Physiology	Environment & Sustainability	Environmental module
MBBS/MD	Physiology	Human Values	Orientation programmes
MBBS/MD	Physiology	Health determinants	Applied physiology and human experiment, PG- Exercise Physiology, physical fitness.
MBBS/MD	Physiology	Right to health issues	Community medicine module.
MBBS/MD	Physiology	Emerging demographic changes	Applied Physiology
MBBS/MD	Physiology	Professional Ethics	Bioethics, Research Ethics & Professionalism.
MBBS/MD	Psychiatry	Gender	Gender equality, equity & sensitization.
MBBS/MD	Psychiatry	Environment & Sustainability	Value based education, professionalism. Doctor patient relationship.

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MBBS/MD	Psychiatry	Human Values	Mental health act, privacy & confidentiality.
MBBS/MD	Psychiatry	Health determinants	Addiction in students & teenagers, geriatric mental issues.
MBBS/MD	Psychiatry	Right to health issues	Professionalism
MBBS/MD	OBGY	Gender	OBG Related Anatomy, Menstruation, Social Obstetrics, sexual Assault, Adolescent & Reproductive Health, Teenage Pregnancy, STD, Contraception.
MBBS/MD	OBGY	Human Values	Counselling- Premarital & Prenatal
MBBS/MD	OBGY	Health determinants	Safe motherhood, maternal morbidity, near miss, ill births, neonatal mortality
MBBS/MD	OBGY	Right to health issues	RCH, Safe motherhood programme, MTP Act, PCPNDT Act
MBBS/MD	OBGY	Emerging demographic changes	Population dynamics, Contraception.
MBBS/MD	OBGY	Professional Ethics	Ethics in pelvic surgery, bioethics, professional liability and risk management.
MBBS/MD	Surgery	Environment & Sustainability	Environment ethics
MBBS/MD	Surgery	Human Values	Value based education, professionalism.
MBBS/MD	Surgery	Health determinants	Patient autonomy, confidentiality, end of life care, informed

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			consent.
MBBS/MD	Surgery	Right to health issues	Professionalism, communication skills.
MBBS/MD	Medicine	Human Values in the curriculum	Good professional etiquettes.
MBBS/MD	Medicine	Right to health issues	Right of the patient, right to end life care.
MBBS/MD	Medicine	Professional Ethics	Doctor patient relationship, communication skills.
MBBS/MD	Biochemistry	Environment & Sustainability	Environmental biochemistry
MBBS/MD	Biochemistry	Health determinants	Function tests, RFT, LFT
MBBS/MD	Biochemistry	Professional Ethics	Bioethics
MBBS/MD	Anesthesiology	Environment & Sustainability	Environmental ethics
MBBS/MD	Anesthesiology	Human Values in the curriculum	Value based education, professionalism.
MBBS/MD	Anesthesiology	Health determinants	Exposure to inhalational agents, radiation exposure & health hazards.
MBBS/MD	Anesthesiology	Right to health issues	Patient autonomy, confidentiality, end of life care, informed consent.
MBBS/MD	Anesthesiology	Professional Ethics	Professionalism, communication skills.
MBBS/MD	Dermatology	Gender	Gender equality, equity and sensitization.
MBBS/MD	Dermatology	Human Values	Doctor patient relationship, communication skills.
MBBS/MD	Dermatology	Health determinants	To improve quality of life in Leprosy patients.

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MBBS/MD	Dermatology	Right to health issues	Professional ethics in patient care.
MBBS/MD	Orthopedics	Gender	Gender equality, equity and sensitization.
MBBS/MD	Orthopedics	Human Values	Minimizing risk to subjects, informed and voluntary consent, balance between benefit and burden.
MBBS/MD	Orthopedics	Health determinants	Disability adjusted life years, PQLI
MBBS/MD	Orthopedics	Right to health issues	Amputation VS Salvage Procedures.
MBBS/MD	Orthopedics	Emerging demographic changes	Latest Biostatistics and Demographic Data.
MBBS/MD	Orthopedics	Professional Ethics	Ethical conflict in resident training, introduction to new technology, sports trauma.
MBBS/MD	Radiology	Gender	10 days rule PCPNT Act, Female attendant in sonography
MBBS/MD	Radiology	Human Values	Radiation hazards, radiation safety,
MBBS/MD	Radiology	Health determinants	Patient consent, dignity
MBBS/MD	Radiology	Right to health issues	Consent for procedure.
MBBS/MD	Radiology	Emerging demographic changes	Recent advances
MBBS/MD	Radiology	Professional Ethics	PCPNDT ACT, Patient dignity

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MBBS/MD	ENT	Gender	Gender equality, equity and sensitization.
MBBS/MD	ENT	Human Values	Applied aspects
MBBS/MD	ENT	Health determinants	Mortality and morbidity related to ENT
MBBS/MD	ENT	Right to health issues	Patient Rights, Confidentiality
MBBS/MD	ENT	Professional Ethics	Ethics, autonomy of patients


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