



**1.3.1: Institution integrates crosscutting issues relevant to Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the curricula**

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
1	DM-NEUROLOGY	PAPER-I BASIC SCIENCES AS RELATED TO NEUROLOGY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum.	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
		PAPER-II-CLINICAL NEUROLOGY INCLUDING PAEDIATRIC NEUROLOGY		
		PAPER-III-DIAGNOSTIC AND THERAPEUTIC NEUROLOGY INCLUDING NEUROINSTRUMENTATION		
		PAPER-IV-RECENT ADVANCES IN NEUROLOGY		
2	DM- GASTROENTEROLOGY	PAPER-I BASIC SCIENCES AS RELATED TO GASTROENTROLOGY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
		PAPER II-PRACTICE OF GASTROENTROLOGY PART-I (CLINICAL GASTROENTROLOGY INCLUDING PAEDIATRIC GASTROENTROLOGY)		
		PAPER-III PRACTICE OF GASTROENTROLOGY PART-II (DIAGNOSTIC AND THERAPEUTIC GASTROENTROLOGY INCLUDING INTERVENTION)		
		PAPER-IV - RECENT ADVANCES IN GASTROENTROLOGY		
3	DM-NEPHROLOGY	PAPER-I- BASIC SCIENCES : PRINCIPLES OF NEPHROLOGY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b>	Informed Consent Patient Care Confidentiality Research Ethics

  
PRESIDENT

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-II- CLINICAL NEPHROLOGY INCLUDING PAEDIATRIC NEPHROLOGY	in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment Human organ transplantation act
		PAPER-III-DIAGNOSTIC AND THERAPEUTIC NEPHROLOGY INCLUDING INTERVENTION		
		PAPER-IV-RECENT ADVANCES IN NEPHROLOGY		
4	DM-CARDIOLOGY	PAPER-I-BASIC SCIENCES (AS RELATED TO CARDIOLOGY)	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
		PRACTICES OF CARIOLGY PART-I(CLINICAL AND THERAPEUTIC CARDIOLOGY)		
		PRACTICE OF CARDIOLOGY PART-II(DIAGNOSTIC, PREVENTIVE AND INTERVENTIONAL CARDIOLOGY)		
		PAPER-IV-RECENT ADVANCES IN CARDIOLOGY		
5	M.Ch. PLASTIC & RECONSTRUCTIVE SURGERY	PAPER-I-BASIC SCIENCES AS RELATED TO PLASTIC AND RECONSTRUCTIVE SURGERY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
		PAPER-II-CLINICAL PLASTIC AND RECONSTRUCTIVE SURGERY		
		PAPER-III-OPERATIVE PLASTIC AND RECONSTRUCTIVE SURGERY		
		PAPER-IV- RECENT ADVANCES IN PLASTIC AND RECONSTRUCTIVE SURGERY		
6	M.Ch. UROLOGY	PAPER-I- BASIC SCIENCES AS RELATED TO UROLOGY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients,
		PAPER-II-CLINICAL UROLOGY		
		PAPER-III-OPERATIVE UROLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-IV-RECENT ADVANCES IN UROLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Right of patients to know the nature of illness and the prognosis of treatment
7	M.Ch. NEUROSURGERY	PAPER-I- BASIC NEUROSCIENCES : PRINCIPLES OF NEUROSURGERY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Effect of Environment on Health and Neurological Health in particular. Effect of Demographic Changes on epidemiology of Neurological disorders. Professional Ethics Communication Skills Informed Consent, Patient Care, Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
		PAPER-II-CLINICAL NEUROSURGERY-CRANIAL		
		PAPER-III-PRACTICE OF NEUROSURGERY OF SKULL BASE AND SPINE INCLUDING PERIPHERAL NERVOUS SYSTEM		
		PAPER-IV-RECENT ADVANCES		
8	M.CH. CARDIO VASCULAR & THORACIC SURGERY (CVTS)	PAPER-I BASIC SCIENCES AS RELATED TO CARDIO VASULAR & THORACIC SURGERY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
		PAPER-II-SRUGICAL SKILLS IN CARDIO VASULAR & THORACIC SURGERY		
		PAPER-III-INVESTIGATIVE CARDIO VASULAR & THORACIC SURGERY		
		PAPER-IV-RECENT ADVANCES IN CARDIO VASULAR & THORACIC SURGERY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
9	MD- ANAESTHESIOLOG Y	PAPER-I -IBASIC SCIENCES AS APPLIED TO ANAESTHESIOLOGY	Inclusion of <b>Environment and Sustainability</b> in the curriculum	Environment Ethics Value Based Education, Exposure to Inhalation Agents in OT (N2O, Halothane, etc). Radiation exposure, Health Hazards Patient Autonomy Privacy Confidentiality End of Life Care Informed Consent Professionalism Communication Skills Research Ethics
		Paper II PRACTICE OF ANAESTHESIA : ANAESTHESIA IN RELATION TO ASSOCIATED SYSTEMIC AND MEDICAL DISEASES	Inclusion of <b>Human Values</b> in the curriculum	
		Paper III ANAESTHESIA IN RELATION TO SUBSPECIALTIES / SUPER SPECIALTIES	Inclusion of <b>Health Determinants</b> in the curriculum	
		Paper IV INTENSIVE CARE MEDICINE, PAIN MEDICINE AND RECENT ADVANCES	Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
10	MD- BIOCHEMISTRY	PAPER-I-BIOMOLECULES, CELL BIOLOGY, BIOCHEMICAL TECHNIQUES, BIOSTATISTICS AND RESEARCH METHODOLOGY, BASICS OF MEDICAL EDUCATION IN TEACHING AND ASSESSMENT OF BIOCHEMISTRY	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum	Environmental Biochemistry Function Tests, RFT, TFT, LFT Bioethics Biomedical Waste Disposal Sterilization & Disinfection, Professionalism Communication Skills Research Ethics
		PAPER-II-ENZYMES, BIOENERGETICS, BIOLOGICAL OXIDATION, METABOLISM OF BIOMOLECULES, INTERMIDARY METABOLISM AND REGULATION, INBORN ERRORS OF METABOLISM AND NUTRITION	Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
		PAPER-III-MOLECULAR BIOLOGY, MOLECULAR AND GENETICS ASPECTS OF CANCER, IMMUNOLOGY AND EFFECTS OF ENVIRONMENTAL POLLUTANTS ON THE BODY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-IV-CLINICAL BIOCHEMISTRY AND MOLECULAR DIAGNOSTIC RELATED TO DIFFERENT BODY SYSTEMS/ORGANS, ENDOCRINOLOGY AND RECENT ADVANCES IN BIOCHEMISTRY		
11	MD-COMMUNITY MEDICINE	<p>PAPER-I-CONCEPTUAL (AND APPLIED) UNDERSTANDING OF PUBLIC HEALTH, COMMUNITY MEDICINE, COMMUNICABLE AND NON-COMMUNICABLE DISEASES, EMERGING AND RE-EMERGING DISEASES, APPLIED EPIDEMIOLOGY, HEALTH RESARCH, BIO-STATISTICS</p> <p>PAPER-II-NUTRITION, ENVIRONMENTAL HEALTH, PRIMARY HEALTH CARE SYSTEM, PANCHAYAT RAJ SYSTEM, NATIONAL HEALTH PROGRAMS, RCH, DEMOGRAPHY AND FAMILY WELFARE, HEALTH CARE ADMINISTRATION, HEALTH MANAGEMENT AND PUBLIC HEALTH LEADERSHIP</p>	<p>Inclusion of <b>Gender</b> in the curriculum</p> <p>Inclusion of Environment and Sustainability in the curriculum</p> <p>Inclusion of Human Values in the curriculum</p> <p>Inclusion of Health Determinants in the curriculum</p> <p>Inclusion of Right to Health Issues in the curriculum</p> <p>Inclusion of Professional Ethics in the curriculum</p> <p>inclusion of Environment and Sustainability in the curriculum</p> <p>Inclusion of Human Values in the curriculum</p> <p>Inclusion of Health</p>	<p>Health-definition, spectrum of health and factors affecting it- Indicators of health.</p> <p>Health problems of world- urban and rural- Indian Health.</p> <p>Health Care Delivery System in India- Urban and Rural.</p> <p>Demography, Demographic cycle, Population Trends- World and India.</p> <p>Fertility and factors affecting it- Gender as a factor affecting fertility.</p> <p>Family welfare and Population Control-Gender discrimination in family planning programme.</p> <p>Medical Ethics and Doctor-Patient relationship - Gender medical ethics Gender, and doctor patient communication.</p>

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		<p>PAPER-III-SOCIAL &amp; BEHAVIORAL SCIENCES-APPLIED ASPECTS, SCIENTIFIC COMMUNICATIONS &amp; MEDICAL WRITING, RESEARCH METHODOLOGY, PUBLIC HEALTH LEGISLATIONS, INTERNATIONAL HEALTH &amp; GLOBAL DISEASES SURVEILLANCE</p> <p>PAPER-IV-HEALTH POLICY PLANNING, MEDICAL EDUCATION TECHNOLOGY, INFORMATION TECHNOLOGY, INTEGRATION OF ALTERNATIVE HEALTH SYSTEM INCLUDING AYUSH, OCCUPATIONAL HEALTH, RECENT ADVANCES IN PUBLIC HEALTH &amp;</p>	Determinants in the curriculum	<p>Sociology and Social factors effecting Health.</p> <p>Social psychology-introduction, in practice group behavior, motivation personality-variations in human sexuality and their different needs</p> <p>Economics and Health</p> <p>Education and Communication-access to information and decision making for women.</p> <p>Nutrition and health-gender discrimination and access to food.</p> <p>General Epidemiology-Gender bias in epidemiological studies</p> <p>Environmental Health- Gender, environment and health implications, Gender and lack of sanitation</p> <p>Epidemiology of Communicable Disease-Gender as risk factor for communicable diseases and its health implications</p> <p>Community Development</p>

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		MISCELLANEOUS ISSUES, HEALTH ECONOMICS		Programmes and Multi Sectoral Development-Gender mainstreaming in community development programme. Comprehensive Medical care and Primary Health care –Gender sensitive health care Maternal and child health care Epidemiology of Non-Communicable Disease-Gender as vulnerability to non-communicable diseases and its health implications Occupational Health- Occupational health hazards during pregnancy Problems of adolescence including drug dependence-sexual and reproductive health of adolescents Geriatrics Mental health - Gender and mental health Planning and Management-Gender in health planning and management
12	MD-FORENSIC MEDICINE	PAPER-I-BASIC OF FORENSIC MEDICINE, BASIC SCIENCES AND ALLIED SUBJECTS	Inclusion of <b>Right to Health</b> Issues in the curriculum Inclusion of <b>Emerging Demographic</b> changes in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Personal Identity, its need and importance -Sex determination and its role in medico legal importance Forensic Medicine Mechanical Injuries and Burns-Violence as a cause of burn injuries
		PAPER-II-CLINICAL FORENSIC MEDICINE & MEDICAL JURISPRUDENCE		
		PAPER-III-FORENSIC PATHOLOGY & TOXICOLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-IV-RECENT ADVANCES IN FORENSIC MEDICINE, FORENSIC PSYCHIATRY & MEDICAL TOXICOLOGY APPLIED ASPECTS OF CLINICAL DISCIPLINES AND FORENSIC SCIENCES		Medico-legal aspects of sex, marriage & infant death- Virginitiy of women Medico-legal aspects of sex, marriage & infant death- Safe abortion as a right of women
13	MD GENERAL MEDICINE	Paper I BASIC MEDICAL SCIENCES	Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery. Right to end of life Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
		Paper II MEDICINE AND ALLIED SPECIALTIES INCLUDING PAEDIATRICS, DERMATOLOGY & PSYCHIATRY		
		Paper III TROPICAL MEDICINE AND INFECTIOUS DISEASES		
		Paper IV RECENT ADVANCES IN MEDICINE		
14	MD MICROBIOLOGY	GENERAL MICROBIOLOGY & IMMUNOLOGY	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum	Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection, Minimization of Drug Resistance Bacteriology of water , air and Milk Hospital acquired infections Hand Hygiene
		SYSTEMIC BACTERIOLOGY & MYCOLOGY		
		VIROLOGY & PARASITOLOGY		
		Paper IV APPLIED MICROBIOLOGY & RECENT ADVANCES	Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
15	MD-PAEDIATRICS	Paper I BASIC SCIENCES AS APPLIED TO PAEDIATRICS	Inclusion of <b>Gender</b> in the curriculum. Inclusion of <b>Environment and Sustainability</b> in the	Screening of children, anticipatory guidance and counselling. Environmental health hazards, Chemical pollutants,
		Paper II NEONATOLOGY AND COMMUNITY PAEDIATRICS		



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		<p>Paper III GENERAL PAEDIATRICS INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER I SPECIALTIES (CLUSTER I – NUTRITION, GROWTH AND DEVELOPMENT, IMMUNIZATION, INFECTIOUS DISEASE, GENETICS, IMMUNOLOGY, RHEUMATOLOGY, PSYCHIATRY AND BEHAVIOURAL SCIENCES, SKIN, EYE, ENT, ADOLESCENT HEALTH, CRITICAL CARE, ACCIDENTS AND POISONING)</p> <p>Paper IV PAEDIATRIC MEDICINE INCLUDING ADVANCES IN PAEDIATRICS RELATING TO CLUSTER II SPECIALTIES (CLUSTER II-NEUROLOGY AND DISABILITIES, NEPHROLOGY, HEMATOLOGY AND ONCOLOGY, ENDOCRINOLOGY, GASTROENTEROLOGY AND HEMATOLOGY, RESPIRATORY AND CARDIOVASCULAR DISORDERS)</p>	<p>curriculum</p> <p>Inclusion of <b>Human Values</b> in the curriculum</p> <p>Inclusion of <b>Health Determinants</b> in the curriculum</p> <p>Inclusion of <b>Right to Health Issues</b> in the curriculum</p> <p>Inclusion of <b>Emerging Demographic changes</b> in the curriculum</p> <p>Inclusion of <b>Professional Ethics</b> in the curriculum</p>	<p>heavy metal intoxication, lead poisoning</p> <p>Ethics in pediatric care Integrated management of Neonatal and childhood illness, Facility based Integrated management of Neonatal and childhood illness</p> <p>Rights of children-normal as well as special needs addressed</p> <p>Lecture and questions asked in final university exam on adoption, emotional deprivation, child abuse and neglect Latest biostatistics and demographic data included in all teaching activities</p> <p>Ethics in pediatric care</p>
16	MD-PATHOLOGY	<p>Paper I GENERAL PATHOLOGY, PATHOPHYSIOLOGY, IMMUNOPATHOLOGY AND CYTOPATHOLOGY</p> <p>Paper II SYSTEMIC PATHOLOGY</p> <p>Paper III HEMATOLOGY, TRANSFUSION MEDICINE(BLOOD BANKING) AND LABORATORY MEDICINE</p> <p>Paper IV RECENT ADVANCES AND APPLIED ASPECTS</p>	<p>Inclusion of <b>Environment and Sustainability</b> in the curriculum</p> <p>Inclusion of <b>Professional Ethics</b> in the curriculum</p>	<p>Air pollution</p> <p>Blood transfusion</p> <p>Integrity</p> <p>Ownership of investigative material</p> <p>Dichotomy</p> <p>Biomedical Waste Disposal</p> <p>Bioethics , USP, Sterilization &amp; Disinfection Research ethics</p>

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
17	MD-PHARMACOLOGY	PAPER-I-GENERAL PHARMACOLOGY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Environment and Sustainability</b> in the curriculum	Bioethics, Rational drug prescription Adverse drug reaction: Pharmaco -vigilance program of India Rational pharmacotherapy : standard treatment guidelines, Antibiotic prescribing guidelines Bio ethics : Rational drug prescription Bioethics in experimental pharmacology: Biomedical waste disposal Rational drug utilization : Implementation of rational health programme Drug information services, standard treatment guidelines, Antibiotic Risk minimization poly pharmacy communication skills, management
		PAPER-II-CLINICAL PHARMACOLOGY		
		PAPER-III-SYSTEMIC PHARMACOLOGY		
		PAPER-IV-RECENT ADVANCES IN PHARMACOLOGY		
18	MD- DERMATOLOGY, VENEREOLOGY & LEPROSY	BASIC SCIENCES AS APPLIED TO DERMATOLOGY, STDs AND LEPROSY	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Gender equity, equality and sensitization Doctor patient communication value based education To improve quality of life in leprosy patients. Professional ethics in dermatology patient care      Research ethics
		DERMATOLOGY		
		STD & LEPROSY		
		RECENT ADVANCES IN FIELD OF DERMATOLOGY, APPLIED SCIENCES PERTAINING TO SKIN/VD & INTERNATIONAL MEDICINE AND SKIN		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
19	MD-PHYSIOLOGY	PAPER-I- GENERAL AND CELLULAR PHYSIOLOGY INCLUDING GENETIC BASIS AND HISTORICAL PRESPECTIVES	Inclusion of <b>Gender</b> in the curriculum. Inclusion of <b>Environment and Sustainability</b> in the curriculum	Clinical Examination. Bioethics – Privacy & Confidentially Environmental module Orientation Program – Bioethics Applied Physiology & Human Experiment, Exercise Physiology, Physical fitness Community Medicine Module Bioethics –Animal ethics, Research ethics & Professionalism
		PAPER-II-SYSTEMIC PHYSIOLOGY(SYSTEMIC PROVIDING TRANSPORT, NUTRITION AND ENERGY) INCLUDING COMPARATIVE PHYSIOLOGY	Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum	
		PAPER-III-SYSTEMIC PHYSIOLOGY (SYSTEM CONCERNED WITH PROCREATION, REGULATION AND NEURAL CONTROL)	Inclusion of <b>Right to Health Issues</b> in the curriculum	
		PAPER-IV-APPLIED PHYSIOLOGY INCLUDING RECENT ADVANCES	Inclusion of <b>Emerging Demographic changes</b> in the curriculum	
			Inclusion of <b>Professional Ethics</b> in the curriculum	
20	MD-PSYCHIATRY	PAPER-I-BASIC SCIENCES AS RELATED TO PSYCHIATRY	Inclusion of <b>Gender</b> in the curriculum	Value based education Professionalism, Doctor patients relationship Mental Health Act, Patient anatomy, privacy & confidentiality Addiction in students & teenagers, Geriatrics mental issues Professionalism Research ethics
		CLINICAL PSYCHIATRY	Inclusion of <b>Human Values</b> in the curriculum	
		PAPER-III-PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITEIS	Inclusion of <b>Right to Health Issues</b> in the curriculum	
		NEUROLOGY AND GENRAL MEDICINE AS RELATED TO PSYCHIATRY	Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
21	MD-RADIO DIAGNOSIS	Paper I BASIC SCIENCES RELATED TO RADIOLOGY CONSISTS OF ANATOMY, PATHOLOGY, BASIC AND RADIATION PHYSICS, IMAGING TECHNIQUES AND FILM PROCESSING	Inclusion of <b>Gender</b> in the curriculum. Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum	PCPNDT Act. Female attendant during Sonography and other procedures Radiation Hazards and Radiation safety , ALARA, eLORA Radiation waste management Patient consent before procedures patient privacy patient Dignity Antenatal defection of IUGR by sonography Anomaly scans PCPNDT Act Patient Dignity Professionalism Research ethics
		Paper II CHEST, CVS, CNS INCLUDING HEAD & NECK, EYE, ENT, MUSCULO-SKELETAL, PEDIATRIC RADIOLOGY AND	Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
		MAMMOGRAPHY		
		PAPER III ABDOMINAL IMAGING INCLUDING GI, GU, HEPATOBILIARY, ENDOCRINE AND METABOLIC OBSTETRICS AND GYNAECOLOGY AND INTERVENTIONAL RADIOLOGY		
		PAPER IV RECENT ADVANCES, NUCLEAR MEDICINE, RADIOLOGY RELATED TO CLINICAL SPECIALTIES		
22	MD- RADIOTHERAPY	PAPER-I-BASIC PRINCIPLES IN PRACTICE OF RADIOTHERAPY(PHYSICS, BIOLOGY, PATHOLOGY, EQUIPMENTS & TECHNIQUES OF RADIOTHERAPY)	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Emerging Demographic changes</b> in	Patient consent before procedures patient privacy patient Dignity Bioethics – Privacy & Confidentially Environmental module Professionalism Research ethics
		PAPER-II-CLINICAL RADIATION ONCOLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-III-ALLIED ONCOLOGY PRACTICES (SURGICAL ONCOLOGY, MEDICAL ONCOLOGY & PALLIATIVE CARE)	the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
		PAPER-IV-RECENT DEVELOPMENTS IN ONCOLOGY, CANCER CONTROL PROGRAMMES, RESEARCH METHODOLOGIES IN ONCOLOGY		
23	MD-RESPIRATORY MEDICINE	Paper I GENERAL PULMONARY MEDICINE AND BASIC SCIENCES	Inclusion of <b>Gender</b> in the curriculum. Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the curriculum Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	COPD in village females related to their domestic work (cooking on fire wood) Use of Masks disposal of masks and disposal of sputum To increase the immunity in TB patients. · To make a general population aware of personal hygiene To teach UG and PG student regarding - Bed side manners, Communication skills, Documentation Professionalism Research ethics
		Paper II CLINICAL PULMONARY MEDICINE INCLUDING MEDICAL EMERGENCIES		
		Paper III CLINICAL PULMONARY MEDICINE INCLUDING CRITICAL CARE MEDICINE		
		Paper IV RECENT ADVANCES IN PULMONARY MEDICINE AND RESEARCH METHODOLOGY		
24	MS-GENERAL SURGERY	Paper I BASIC SCIENCES	Inclusion of <b>Environment and Sustainability</b> in the curriculum	Environment Ethics Value Based Education Professionalism Patient Autonomy, Privacy Confidentiality End of Life Care
		Paper II PRINCIPLES AND PRACTICE OF SURGERY		
		Paper III PRINCIPLES AND PRACTICE OF OPERATIVE SURGERY	Inclusion of <b>Human Values</b> in the curriculum	

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper IV RECENT ADVANCES IN SURGERY	Inclusion of Right to Health Issues in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Informed Consent Professionalism Communication Skills Research Ethics
25	MS- OTORHINOLARYNGOLOGY	PAPER I BASIC SCIENCES AND ITS APPLIED ASPECTS RELATED TO EAR, NOSE AND THROAT DISEASES	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the Curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure
		PAPER II OTOTOLOGY		
		PAPER III RHINOLOGY, LARYNGOLOGY AND HEAD-NECK		
		PAPER IV RECENT ADVANCES IN EAR, NOSE AND THROAT DISEASES		
26	MS-OBSTETRICS & GYNAECOLOGY	PAPER I APPLIED BASIC SCIENCES (BASIC SCIENCES & MEDICAL GENETICS)	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Anatomy of Female Genitalia, menstruation ,social obstetrics sexual assault ,adolescent & Reproductive health teenage pregnancy ,sexually transmitted diseases, contraception counselling (premarital, prenatal) Safe motherhood , maternal morbidity, near miss, Still Births, Neonatal Deaths, perinatal mortality RCH ,safe motherhood program ,MTP Act, PCPNDT Act, safe Abortion population dynamics ,control of conception Ethics in pelvic surgery, bioethics, professional liability and Risk
		PAPER II OBSTETRICS INCLUDING SOCIAL OBSTETRICS AND DISEASES OF NEW BORN (CLINICAL & OPERATIVE OBSTETRICS & NEW BORN)		
		PAPER III GYNAECOLOGY INCLUDING FERTILITY REGULATION (CLINICAL & OPERATIVE GYNAECOLOGY,		
		FERTILITY REGULATION, FAMILY WELFARE & DEMOGRAPHY & INFERTILITY)		
		PAPER IV RECENT ADVANCES IN OBSTETRICS & GYNAECOLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
				management Professionalism Communication Skills Research Ethics
27	MS- OPHTHALMOLOGY	PAPER I BASIC SCIENCES RELATED TO OPHTHALMOLOGY, REFRACTION & OPTICS	Inclusion of <b>Environment and Sustainability</b> in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure Professionalism Communication Skills Research Ethics
		PAPER II CLINICAL OPHTHALMOLOGY	Inclusion of <b>Human Values</b> in the curriculum	
		PAPER III SYSTEMIC DISEASES IN RELATION TO OPHTHALMOLOGY	Inclusion of <b>Right to Health Issues</b> in the Curriculum	
		PAPER IV RECENT ADVANCES IN OPHTHALMOLOGY AND COMMUNITY OPHTHALMOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	
28	MS- ORTHOPAEDICS	PAPER I BASIC SCIENCES AS APPLIED TO ORTHOPAEDICS	Inclusion of <b>Gender</b> in the curriculum	Predisposition for degenerative arthritic changes due hormonal changes in females Efficient reduction of radiation exposure. Biomedical waste management. Informed and voluntary consent in all orthopedic research. Balance between benefit and burden. Disability adjusted life years, Physical quality of life index Amputation Vs Salvage procedures Latest biostatistics and demographic data included in all teaching activities.
		PAPER II TRAUMATOLOGY AND REHABILITATION	Inclusion of <b>Human Values</b> in the curriculum	
		PAPER III ORTHOPAEDICS DISEASES	Inclusion of <b>Health Determinants</b> in the curriculum	
		PAPER IV RECENT ADVANCES IN ORTHOPAEDICS SURGERY + GENERAL SURGERY AS APPLIED TO ORTHOPAEDICS	Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
29	MD-ANATOMY	PAPER-I-GROSS ANATOMY	Inclusion of <b>Gender</b> in the curriculum	Biomedical Waste disposal. Cadaveric oath
		PAPER-II-EMBRYOLOGY,		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		MICROSCOPIC ANATOMY AND GENETICS	Inclusion of <b>Human Values</b> in the curriculum	Genetic counseling Professionalism Communication Skills Research Ethics
		PAPER-III-NEUROANATOMY	Inclusion of <b>Health Determinants</b> in the curriculum	
		PAPER-IV-APPLIED HUMAN ANATOMY AND RECENT ADVANCES IN ANATOMICAL SCIENCES	Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	
30	M.B.B.S.	HUMAN ANATOMY PAPER I GENERAL EMBRYOLOGY, HUMAN ANATOMY, HISTOLOGY AND EMBRYOLOGY OF BRAIN, HEAD, NECK AND UPPER EXTREMITY)	Inclusion of Right to Health Issues in the Curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Biomedical Waste disposal. Cadaveric oath Genetic counseling Professionalism Communication Skills
		HUMAN ANATOMY PAPER II (GENETICS, GENERAL HISTOLOGY, HUMAN ANATOMY, HISTOLOGY AND EMBRYOLOGY OF THORAX, ABDOMEN & PELVIS AND LOWER EXTREMITY)		
		HUMAN PHYSIOLOGY PAPER I (GENERAL PHYSIOLOGY AND BIOPHYSICS, CNS INCLUDING ANS, SPECIAL SENSES, MUSCLE AND NERVE, ENDOCRINES, REPRODUCTION, GROWTH AND DEVELOPMENT)	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b>	Clinical Examination. Bioethics – Privacy & Confidentially Environmental module Orientation Program – Bioethics Applied Physiology & Human Experiment, Exercise Physiology, Physical fitness
		HUMAN PHYSIOLOGY PAPER II BLOOD AND IMMUNITY, CARDIOVASCULAR SYSTEM, RESPIRATION, EXERCITION, DIGESTION, ENVIRONMENTAL PHYSIOLOGY AND TEMPERATURE REGULATION)		



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
			in the curriculum Inclusion of <b>Emerging Demographic changes</b> in the curriculum	
		BIOCHEMISTRY PAPER I GENERAL CHEMISTRY AND METABOLISM, NUTRITION, ENZYMOLOGY, BIOENERGETICS AND BIOLOGIC OXIDATION, HORMONES	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Health Determinants</b> in the Curriculum	Environmental Biochemistry Function Tests, RFT, TFT, LFT Bioethics Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection,
		BIOCHEMISTRY PAPER II (HUMAN GENETICS AND MOLECULAR BIOLOGY, IMMUNOCHEMISTRY, ENVIRONMENTAL BIOCHEMISTRY, ACID BASE BALANCE, BIOCHEMISTRY OF CANCER, CLINICAL BIOCHEMISTRY)	Inclusion of <b>Professional Ethics</b> in the Curriculum	
		PATHOLOGY Paper-I (General Pathology, Cell injury, Cell adaptation, Inflammation, Repair, Regeneration, Genetics, Haemeostasis, Thrombosis, Circulatory disturbance, Neoplasia, Immunopathology, Nutritional deprivation disease, Radiation injury)	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Air pollution Blood transfusion, Integrity, Ownership of investigative material, Dichotomy Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection,
		PATHOLOGY Paper-II (Cardiovascular system, Genitourinary Tract, Respiratory system, Ophthalmic and ENT pathology, GIT, Reticuloendothelial system, Breast, Endocrine system, Skeletal system, Nervous system, Infectious diseases, Hematology)		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		MICROBIOLOGY Paper-I(General Microbiology, Immunology, Systemic Microbiology including Bacteriology)	Inclusion of <b>environment and Sustainability</b> in the curriculum Inclusion of Professional Ethics in the curriculum	Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection, Minimization of Drug Resistance Bacteriology of water , air and Milk Hospital acquired infections Hand Hygiene
		MICROBIOLOGY Paper-II (Virology, AIDS, Mycology, Parasitology, Clinical Microbiology, Miscellaneous)		
		PHARMACOLOGY Paper-I (General Pharmacology, CNS, ANS, PNS, Local Anesthetics, Respiratory System, Autacoids and GIT)	Inclusion of <b>Human Values</b> in the Curriculum. Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of Right to <b>Health Issues</b> in the curriculum	Bioethics, Rational drug prescription Adverse drug reaction : Pharmacovigilance program of India Rational pharmacotherapy : standard treatment guidelines, Antibiotic prescribing guidelines Bio ethics : Rational drug prescription Bioethics in experimental pharmacology: Biomedical waste disposal Rational drug utilization : Implementation of rational health programme Drug information services, standard treatment guidelines, Antibiotic Risk minimization poly pharmacy communication skills, management
		PHARMACOLOGY Paper-II (CVS, Drugs acting on Kidney, Haematopoietic System, Antimicrobials, Anticancer drugs, Hormones, Drugs acting on Uterus, Drugs administered in Pregnancy, Lactation, Pediatrics & Geriatrics and Miscellaneous Drugs)	Inclusion of <b>environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Professional Ethics</b> in the Curriculum Inclusion of Right to <b>Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
		Forensic Medicine (Forensic Medicine including Medical Jurisprudence & state medicine, Toxicology including treatment of Poisonings,	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b>	Good clinical practice (GCP) and Good laboratory practice (GLP) guidelines Legal and ethical issues involved

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Medicolegal duties of Medical officer in poisoning cases)	in the curriculum Inclusion of <b>Right to Health</b> Issues in the Curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	in development and research. Drug regulation acts. Consumer protection act Human organ transplantation act COPRA,PCPNDT Act Determining the socio-economic status of the family Health determinants Health problems in the family Ethics in research
		Oto-Rhino-Laryngology (Ear, Nose and Paranasal sinuses, Throat- Pharynx and Larynx)	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the Curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure
		Ophthalmology Diseases of eye- cornea, conjunctiva, sclera, uvea, lens, vitreous, tumors, glaucoma Retina, optic nerve, optics, Orbit, lids, lacrimal system, ocular mobility, trauma, emergencies, drugs, community ophthalmology, Systemic diseases affecting eyes	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the Curriculum Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Community Medicine Including Humanities Paper-I(Concept of health and Disease, Principles of Epidemiology and Epidemiological methods, Screening of diseases, Biostatistics, Health Program in India, Nutrition and health, Genetics and Community health, Health education,	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of Health Determinants in the curriculum	Gender in Medical Education Environment and Health Biomedical Waste Management Bioethics Concept of Health and Disease
		Communication in health Education, Environmental Health)		
		Community Medicine Including Humanities Paper-II (Epidemiology of communicable diseases, Epidemiology of non communicable diseases, Demography & family planning, Preventive medicine in Paediatrics, Geriatrics and Obstetrics, School Health, Disaster Management, Urban Health, Mental Health, Health planning & Management, Occupational health, International health)		
		GENERAL MEDICINE Paper-I (General Medicine, Clinical Pharmacology, Nutrition and metabolic disorders Critical care medicine, Neurological diseases, Water and electrolyte imbalance, Poisonings, Infections, Hematological disorders, Immune disorders)	Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery . Right to end of life Doctor patient relationship communication skills

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		GENERAL MEDICINE Paper-II (CVS, Respiratory system, Endocrine system, Kidney and Genitourinary system, Gastrointestinal system, Immune system and diseases of connective tissue and joints Skin diseases, Psychiatry)		
		GENERAL SURGERY Paper-I(Gastrointestinal tract, abdominal wall, Hernias, Endocrine, Skin , Head and Neck region, Laparoscopic Surgery and Orthopaedics)	Inclusion of <b>Environment and Sustainability</b> in the curriculum.	Environment Ethics Value Based Education, Professionalism
		GENERAL SURGERY Paper-II(Breast, Genitourinary system, venous and arterial disorders, Minor Surgery, Emergency Surgery, Allied subjects (Anaesthesia, Radiology, Pediatrics Surgery, Neurosurgery, Cardiothoracic surgery and Plastic Surgery, Dental sciences))	Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Patient Autonomy. Privacy Confidentiality End of Life Care, Informed Consent Professionalism, Communication Skills, Research Ethics
		OBSTETRICS & GYNAECOLOGY Paper –I (Basics of Reproduction, Maternal Pelvis, Fetus & Placenta, Antenatal Care with Normal & Abnormal Labour, Normal & Abnormal Puerperium, Medical Disorders and other abnormalities of pregnancy, Drug and imaging in pregnancy, fetus and new born, operative obstetrics, Safe Motherhood, Epidemiology Of Obstetrics)	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the curriculum	Anatomy of Female genitalia, menstruation ,social obstetrics sexual assault, adolescent & Reproductive health ,teenage pregnancy ,sexually transmitted diseases, contraception counseling (premarital, prenatal) Safe motherhood , maternal morbidity, near miss, Still Births, Neonatal Deaths, perinatal

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		OBSTETRICS & GYNAECOLOGY Paper –II (Anatomy including embryology of female pelvic organs, Normal and Abnormal Puberty, Menstruation and Menopause, Gynae Examination, Infections and Infertility Contraception, Benign and Malignant Disorders, Urogynecology, Operative Gynae including Endoscopy, Hormones and Drugs)	Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of Professional Ethics in the curriculum	mortality RCH ,safe motherhood program ,MTP Act, PCPNDT Act, safe Abortion population dynamics ,control of conception Ethics in pelvic surgery, bioethics ,professional liability and Risk management
		PAEDIATRICS (General Paediatrics, Systemic Paediatrics and Neonatology)	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum	Screening of children, anticipatory guidance and counselling Environmental health hazards, Chemical pollutants, heavy metal intoxication, lead poisoning Ethics in pediatric care Integrated management of Neonatal and childhood illness, Facility based Integrated management of Neonatal and childhood illness 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 Latest biostatistics and demographic data included in all teaching activities Ethics in paed. care
31	M.Sc. MEDICAL ANATOMY+B158	Paper-I ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY	Inclusion of <b>Right to Health</b> Issues in the Curriculum	Biomedical Waste disposal. Cadaveric oath Genetic counseling
		Paper-II PATHOLOGY, MICROBIOLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		AND PHARMACOLOGY	Inclusion of <b>Emerging Demographic changes</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Professionalism Communication Skills Research Ethics
		Paper-I HUMAN GROSS ANATOMY		
		Paper-II NEUROANATOMY, MICROANATOMY AND HISTORY OF ANATOMY		
		Paper-III DEVELOPMENTAL ANATOMY, GENETICS, RECENT ADVANCES, COMPARATIVE ANATOMY & EVOLUTION		
32	M.Sc. MEDICAL PHYSIOLOGY	Paper-I ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY	Inclusion of <b>Gender</b> in the curriculum Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the curriculum Inclusion of <b>Emerging Demographic changes</b> in the curriculum	Clinical Examination . Bioethics – Privacy & Confidentially Environmental module Orientation Program Applied Physiology & Human Experiment                      Exercise Physiology Physical fitness
		Paper-II PATHOLOGY, MICROBIOLOGY AND PHARMACOLOGY		
		Paper-I BIO-PHYSICS AND BIO-CHEMISTRY AND PHYSIOLOGY (INCLUDING HISTOLOGY) OF MUSCLES, NERVES, CIRCULATION AND RESPIRATION		
		Paper-II PHYSIOLOGY INCLUDING HISTOLOGY EXCEPT TOPICS INCLUDED IN THE FIRST PAPER		
		Paper-III COMPARATIVE ANIMAL PHYSIOLOGY AND HISTORY OF PHYSIOLOGY, GENETICS AND PRINCIPLES OF BIOSTATISTICS		
33	M.Sc. MEDICAL BIOCHEMISTRY	Paper-I ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health</b>	Environmental Biochemistry Function Tests, RFT, TFT, LFT Bioethics Biomedical Waste Disposal Sterilization & Disinfection, Professionalism
		Paper-II PATHOLOGY AND MICROBIOLOGY		
		Paper-I GENERAL BIOCHEMISTRY & METABOLISM		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-II NUTRITION, ENVIRONMENTAL AND CLINICAL BIOCHEMISTRY	<b>Determinants</b> in the curriculum Inclusion of <b>Right to Health</b> Issues in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Communication Skills Research Ethics
		Paper-III MOLECULAR BIOLOGY, IMMUNOLOGY, BIostatISTICS AND RESEARCH METHODOLOGY		
34	M.Sc. MEDICAL PHARMACOLOGY	PAPER-I-ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY	Inclusion of <b>Human Values</b> in the Curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Environment and Sustainability</b> in the curriculum	Bioethics, Rational drug prescription Adverse drug reaction : Pharmaco -vigilance program of India Rational pharmacotherapy : standard treatment guidelines, Antibiotic prescribing guidelines Bio ethics : Rational drug prescription Bioethics in experimental pharmacology: Biomedical waste disposal Rational drug utilization : Implementation of rational health programme Drug information services, standard treatment guidelines, Antibiotic Risk minimization poly pharmacy communication skills, management
		PAPER-II-PATHOLOGY, MICROBIOLOGY AND PHARMACOLOGY		
		Paper-I GENERAL PHARMACOLOGY, SYSTEMIC PHARMACOLOGY AND MECHANISM OF DRUG ACTION		
		Paper-IIEXPERIMENTAL PHARMACOLOGY, BIOASSAY AND BIostatISTICS		
		Paper-III RECENT ADVANCES, BIOCHEMICAL PHARMACOLOGY AND HISTORY		
35	M.Sc. MEDICAL MICROBIOLOGY	PAPER-I-ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of Human Values in the curriculum	Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection, Minimization of Drug Resistance Bacteriology of water , air and Milk Hospital acquired infections
		PAPER-II-PATHOLOGY AND MICROBIOLOGY		
		PAPER-I-GENERAL BACTERIOLOGY AND IMMUNOLOGY		



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-II SYSTEMIC BACTERIOLOGY AND CLINICAL MICROBIOLOGY	Inclusion of Right to Health Issues in the curriculum	Hand Hygiene
		PAPER-III VIROLOGY, MYCOLOGY , PARASITOLOGY & RECENT ADVANCED IN MICROBIOLOGY	Inclusion of Professional Ethics in the curriculum	
36	M.Sc. MEDICAL LABORATORY TECHNOLOGY	PAPER-I PATHOLOGY	Inclusion of Environment and Sustainability in the curriculum	Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection, Minimization of Drug Resistance
		PAPER-II BIOCHEMISTRY	Inclusion of Human Values in the curriculum	
		PAPER-III MICROBIOLOGY		
		PAPER-I HISTOPATHOLOGY AND CYTOLOGY	Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
		PAPER-II ADVANCED HEMATOLOGY		
37	M.Sc. MEDICAL IMAGING TECHNOLOGY	Paper-I BASIC PHYSICS	Inclusion of Gender in the curriculum	Patient consent before procedures patient privacy patient Dignity Bioethics – Privacy & Confidentially Environmental module Professionalism Research ethics
		PAPER-II RADIATION PHYSICS	Inclusion of Human Values in the curriculum	
		PAPER-III MODERN X-RAY AND IMAGING EQUIPMENT		
		PAPER-I-MODERN IMAGING TECHNIQUES	Inclusion of Right to Health Issues in the curriculum	
		PAPER-II-SPECIAL INVESTIGATIONS AND TECHNIQUES	Inclusion of Emerging Demographic changes in the curriculum	
		PAPER-III-RADIOGRAPHIC PHOTOGRAPHY	Inclusion of Professional Ethics in the curriculum	
38	B.Sc. MEDICAL LABORATORY TECHNOLOGY	Paper –I FUNDAMENTALS OF PHYSIOLOGY AND BASICS OF BIOCHEMISTRY	Inclusion of Environment and Sustainability in the curriculum	Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection, Minimization of Drug Resistance
		Paper –II HEMATOLOGY & CLINICAL PATHOLOGY	Inclusion of Human Values	

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper –III GENERAL MICROBIOLOGY	in the curriculum	
		Paper –I CLINICAL BIOCHEMISTRY		
		Paper –II HISTOPATHOLOGY AND CYTOLOGY	Inclusion of Right to Health Issues in the curriculum	
		Paper –III IMMUNOLOGY, SEROLOGY AND PARASITOLOGY	Inclusion of Professional Ethics in the curriculum	
		Paper –I ADVANCED BIOCHEMISTRY AND AUTOMATION		
		Paper –II COAGULATION STUDIES AND BLOOD BANK PROCEDURES		
		Paper –III SYSTEMIC BACTERIOLOGY, MYCOLOGY AND VIROLOGY		
39	B.Sc. OPERATION THEATRE TECHNOLOGY	Paper –I BASIC SCIENCES	Inclusion of <b>Gender</b> in the curriculum	Biomedical waste disposal Communication skills.
		Paper –II BASICS OF SURGERY, CSSD PROCEDURES, BASICS OF INTENSIVE CARE, FUNDAMENTALS OF MEDICAL AND SURGICAL NURSING	Inclusion of <b>Human Values</b> in the curriculum	Patient confidentiality
		Paper –I APPLIED BASIC SCIENCES	Inclusion of Right to Health Issues in the curriculum	Informed consents.
		Paper –II PRINCIPLES OF ANAESTHESIA	Inclusion of <b>Emerging Demographic changes</b> in the curriculum	Counselling patients prior to surgery / procedure
		Paper-I Organization of OT		
		Paper –II Perioperative Management and Assisting Surgical Procedures	Inclusion of Professional Ethics in the curriculum	
40	B.Sc. PHYSICIAN ASSISTANCE TECHNOLOGY	Paper –I ENGLISH LANGUAGE, INTRODUCTION TO HEALTH AND HEALTHCARE, INTRODUCTION TO SECRETARIAL AND COMPUTER SKILLS	Inclusion of <b>Human Values</b> in the curriculum	Good professional etiquettes
		Paper –II APPLIED BASIC SCIENCE-I (ANATOMY, PHYSIOLOGY, BIOCHEMISTRY)	Inclusion of Right to Health Issues in the curriculum	Right of patient for treatment / procedures / surgery . Right to end of life
		Paper –I Advanced Secretarial Skills Hospital Management	Inclusion of Professional Ethics in the curriculum	Doctor patient relationship communication skills

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper –II Applied Basic Sciences – II (Pathology, Histology, Pharmacology, Microbiology)		
		Paper –I Clinical Sciences-Common Diseases of Human Body, Emergency Medicine and Treatment of Common Illnesses		
		Paper –II Law Insurance in Healthcare, Medical Instrumentation		
41	B.Sc. RADIO IMAGING TECHNOLOGY	Paper –I GROSS RADIOLOGICAL AND SURFACE ANATOMY OF HUMAN BODY	Inclusion of Gender in the curriculum	Patient consent before procedures
		Paper –II PHYSIOLOGY AND PATHOLOGY OF HUMAN BODY SYSTEMS	Inclusion of Human Values in the curriculum	patient privacy patient Dignity
		Paper –III RADIOGRAPHIC TECHNIQUES AND DARK ROOM PROCEDURES	Inclusion of Right to Health Issues in the curriculum	Bioethics – Privacy & Confidentially
		Paper –IV BASIC RADIATION PHYSICS AND PRINCIPLES OF RADIOTHERAPY	Inclusion of Emerging Demographic changes in the curriculum	Environmental module
		Paper –I MODERN IMAGING AND RECENT ADVANCES	Inclusion of Professional Ethics in the curriculum	Professionalism
		Paper –II APPARATUS OF IMAGING, RADIOTHERAPY AND QUALITY ASSURANCE		Research ethics
		Paper –III PHYSICS OF RADIOTHERAPY		
		Paper –IV RADIATION PROTECTION AND MONITORING		
		Paper –I Special Radiological Procedures & Contrast Media-Special procedures of various body organs		
		Paper –II Radiotherapy Planning and Techniques		
		Paper –III Radiation Dosimetry-Principles and Applications		
		Paper –IV Hospital Practice and Care of Patient		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
42	B.Sc. OPHTHALMIC TECHNIQUES & OPTOMETRY	Paper –I HUMAN ANATOMY & PHYSIOLOGY, OCULAR ANATOMY, OCULAR PATHOLOGY & OCULAR MICROBIOLOGY	Inclusion of Environment and Sustainability in the curriculum	Patient consent before procedures patient privacy patient Dignity Bioethics – Privacy & Confidentially Environmental module Professionalism Research ethics
		Paper –II OCULAR PHYSIOLOGY, OCULAR BIOCHEMISTRY, PHYSICAL AND PHYSIOLOGICAL OPTICS	Inclusion of Human Values in the curriculum	
		Paper –I OCULAR PHARMACY AND PHARMACOLOGY, REFRACTION	Inclusion of Right to Health Issues in the Curriculum	
		Paper –II INVESTIGATIVE OPHTHALMOLOGY ORTHOPTICS, OPHTHALMIC INSTRUMENTS AND APPLIANCES	Inclusion of Emerging Demographic changes in the curriculum	
		Paper –I Clinical & Advanced Orthoptics, Clinical & Advanced Optics, Contact Lens, Clinical & Advanced Refractions	Inclusion of Professional Ethics in the curriculum	
		Paper –II Eye Bank, Community Ophthalmology, Investigations in Clinical Ophthalmology & Management of O.T.		
43	B.Sc. SURGICAL ASSISTANCE	Paper –I ENGLISH LANGUAGE, INTRODUCTION TO HEALTH AND HEALTHCARE, INTRODUCTION TO SECRETARIAL AND COMPUTER SKILLS	Inclusion of Environment and Sustainability in the curriculum	Environment Ethics Value Based Education, Professionalism, Patient Autonomy. Privacy Confidentiality, End of Life Care, Informed Consent Professionalism, Communication Skills
		Paper –II APPLIED BASIC SCIENCES-I (ANATOMY, PHYSIOLOGY, BIOCHEMISTRY)	. Inclusion of Human Values in the curriculum	
		Paper –I ADVANCED SECRETARIAL SKILLS HOSPITAL MANAGEMENT	Inclusion of Right to Health Issues in the curriculum	
		Paper –II APPLIED BASIC SCIENCES-II (PATHOLOGY, HISTOLOGY, PHARMACOLOGY, MICROBIOLOGY)	Inclusion of Professional Ethics in the curriculum	
		Paper –I Clinical Sciences-Common Surgical Diseases of Human Body, Emergency Surgery and Treatment of Common Surgical Illnesses		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper –II Law Insurance in Health care and Out Patient Handling & Surgical Instrumentation		
44	B.Sc. CLINICAL DIETETICS	Paper –I FUNDAMENTALS OF NUTRITION & FOOD SCIENCES	Inclusion of Environment and Sustainability in the curriculum . Inclusion of Human Values in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism Patient Autonomy Privacy Confidentiality Professionalism, Communication Skills Community nutrition & Problems of human nutrition Basic demography Therapeutic nutrition Food additives & adulterants, pesticides, food colours
		Paper –II NUTRITIONAL BIOCHEMISTRY		
		Paper –III HUMAN NUTRITIONAL REQUIREMENTS		
		Paper –I ANATOMY AND PHYSIOLOGY		
		Paper –II NUTRITIONAL MICROBIOLOGY		
		Paper –III HUMAN NUTRITIONAL PROBLEMS		
		Paper –I Institutional Food Administration		
		Paper –II Public Health & Community Nutrition		
		Paper –III General & Therapeutic Nutrition		
45	B.Sc. RENAL SCIENCES & DIALYSIS TECHNICIAN	Paper –I HUMAN ANATOMY	Inclusion of Environment and Sustainability in the curriculum . Inclusion of Human Values in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Environment Ethics Value Based Education Patient Autonomy Privacy Confidentiality Professionalism, Communication Skills
		Paper –II HUMAN PHYSIOLOGY		
		Paper –III BIOCHEMISTRY		
		Paper –IV PATHOLOGY		
		Paper –V MICROBIOLOGY		
		PAPER-I-APPLIED ANATOMY & PHYSIOLOGY RELATED TO DIALYSIS TECHNOLOGY		
		PAPER-II-PHARMACOLOGY RELATED TO DIALYSIS TECHNOLOGY		
		PAPER-III-CONCEPTS OF RENAL DISEASES AND ITS MANAGEMENT		
		PAPER-IV-APPLIED ASPECTS OF PATHOLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		& MICROBIOLOGY		
		PAPER-V-BASICS IN RENAL DIALYSIS TECHNOLOGY		
		PAPER-I-APPLIED DIALYSIS TECHNOLOGY-I		
		PAPER-II-APPLIED DIALYSIS TECHNOLOGY-II		
46	MDS-CONSERVATIVE DENTISTRY & ENDODONTIS	Applied Basic Sciences Applied Basic Science, Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials) PAPER-I-CONSERVATIVE DENTISTRY PAPER-II-ENDODONTICS PAPER-III-DESCREPTIVE AND ANALYZING TYPE QUESTION	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere Good professional etiquettes Right of patient for treatment / procedures / surgery . Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
47	MDS-ORAL MEDICINE & RADIOLOGY	PAPER-I- APPLIED BASIC SCIENCES (APPLIED BASIC SCIENCE, APPLIED ANATOMY, PHYSIOLOGY, BIOCHEMISTRY, PATHOLOGY, MICROBIOLGY, PHARMACOLOGY, RESEARCH METHODOLOGY & BIOSTATISTICS) PAPER-II-ORAL AND MAXILLOFACIAL RADIOLOGY	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-III-ORAL MEDICINE, THERAPEUTICS AND LABORATORY INVESTIGATIONS	of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery . Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
		PAPER-IV-DESREPTIVE AND ANALYZING TYPE QUESTION		
48	MDS-ORAL & MAXILLOFACIAL SURGERY	PAPER-I- APPLIED BASIC SCIENCES (APPLIED BASIC SCIENCE, APPLIED ANATOMY, PHYSIOLOGY, BIOCHEMISTRY, PATHOLOGY, MICROBIOLOGY, PHARMACOLOGY, BIOSTATISTICS & RESEARCH METHODOLOGY)	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere Good professional etiquettes Right of patient for treatment / procedures / surgery. Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
		PAPER-I- MINOR ORAL SURGERY AND TRAUMA		
		PAPER-II-MAXILLOFACIAL SURGERY		
		PAPER-III-DESREPTIVE AND ANALYZING TYPE QUESTION		
49	MDS-ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS	Applied Basic Sciences Applied Basic Sciences, Applied Anatomy, Physiology, Dental Materials, Genetics, Pathology, Physical Anthropology, Applied Research Methodology, Biostatistics and applied pharmacology)	Inclusion of Human Values in the curriculum Inclusion of Health Determinants	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-I-ORTHODONTIC HISTORY, CONCEPTS OF OCCLUSION AND ESTHETICS, CHILD AND ADULT PSYCHOLOGY, ETIOLOGY AND CLASSIFICATION OF MALOCCLUSION, DENTOFACIAL ANOMALIES, DIAGNOSTIC PROCEDURES AND TREATMENT PLANNING IN ORTHODONTICS, PRACTICE MANAGEMENT IN ORTHODONTICS PAPER-II- CLINICAL ORTHODONTICS PAPER-III- DESREPTIVE AND ANALYZING TYPE QUESTION	in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	related to incidence and prevalence of diseases Ethics in research and work atmosphere Good professional etiquettes Right of patient for treatment / procedures / surgery. Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
50	MDS-PEDODONTICS & PREVENTIVE DENTISTRY	Applied Basic Science(Applied Basic Science : Applied Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics, Growth and Development, Dental Plaque and Genetics) PAPER-I-CLINICAL PEDODONTICS PAPER-II- PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED TO PEDIATRICS DENTISTRY PAPER-III- DESREPTIVE AND ANALYZING TYPE QUESTION	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere Good professional etiquettes Right of patient for treatment / procedures / surgery. Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
51	MDS-PROSTHODONTICS AND CROWN & BRIDGE	(Applied Basic Sciences : Applied Anatomy, Nutrition and Biochemistry, Pathology and Microbiology, Virology, Applied Dental Anatomy and Histology, Oral Pathology and Oral Microbiology, Adult and Geriatric Psychology, Applied Dental Materials)	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere Good professional etiquettes Right of patient for treatment / procedures / surgery. Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
		PAPER-I- REMOVABLE PROSTHODONTICS AND IMPLANT SUPPORTED PROSTHESIS(IMPLANTOLOGY), GERIATRIC DENTISTRY AND CRANIOFACIAL PROSTHODONTICS		
		PAPER-II- FIXED PROSTHODONTICS, OCCLUSION, TMJ AND ESTHETICS		
		PAPER-III- DESRIPTIVD AND ANALYZING TYPE QUESITON		
52	MDS-PERIODONTOLOGY	PAPER-I- APPLIED BASIC SCIENCES (APPLIED BASIC SCIENCE, APPLIED ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY, PATHOLOGY, MICROBIOLOGY, PHARMACOLOGY, RESEARCH METHODOLOGY & BIOSTATICSTICS)	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere Good professional etiquettes Right of patient for treatment / procedures / surgery. Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
		PAPER-I- NORMAL PERIODONTAL STRUCTURE, ETIOLOGY AND PATHOLOGENESIS OF PERIODONTAL DISEASES, EPIDEMIOLOGY AS RELATED TO PERIODONTICS		
		PAPER-II-PERIODONTAL DIAGNOSIS , THERAPY AND ORAL IMPLANTOLOGY		
		PAPER-III-DESREPTIVE AND ANALYZING TYPE QUESTION		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
53	B.D.S.	PAPER-I-GENERAL HUMAN ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Behavioral sciences and forensic odontology have assumed great significance. Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere Good professional etiquettes Right of patient for treatment / procedures / surgery. Doctor patient relationship communication skills Professionalism Communication Skills
		PAPER-II-GENERAL HUMAN PHYSIOLOGY AND BIOCHEMISTRY		
		PAPER-III-DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY		
		PAPER-I-GENERAL PATHOLOGY AND MICROBIOLOGY		
		PAPER-II-GENRAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS		
		PAPER-III-DENTAL MATERIALS		
		PAPER-I-GENERAL MEDICINE		
		PAPER-II-GENRAL SURGERY		
		PAPER-III-ORAL PATHOLOGY AND ORAL MICROBIOLOGY		
		PAPER-I-PUBLIC HEALTH DENTISTRY		
		PAPER-II-PERIODONTOLOGY		
		PAPER-III-ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS		
		PAPER-IV-ORAL MEDICINE AND RADIOLOGY		
		PAPER-V-ORAL AND MAXILLOFACIAL SURGERY		
		PAPER-VI-CONSERVATIVE DENTISTRY & ENDODONTICS		
		PAPER-VII-PROSTHODOTNICS AND CROWN & BRIDGE		
		PAPER-VIII-PEDIATRIC AND PREVENTIVE DENTISTRY		
54	MPT ORTHOPAEDICS	PAPER-I REVIEW OF HUMAN SCIENCES AND BIOMECHANICS	Inclusion of Human Values	Following cross cutting issues are

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-II PHYSICAL & FUNCTIONAL DIAGNOSIS PAPER-III RESEARCH METHODOLOGY & BIOSTATISTICS PAPER-I-ADMINISTRATION, MANAGEMETN AND ETHICAL ISSUES PAPER-II-PHYSIOTHERAPY IN GEN.ORTHOPAEDIC CONDITIONS PAPER-III-VERTEBRAL DISORDERS AND HAND REHABILITATION	in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	taught to MPT students in theory as well as in practicals: Ethics in research Laws of Disability and Discrimination Role of Health Agencies Rules and Standards of practice Legal responsibilities
55	MPT CARDIOPULMONARY	PAPER-I REVIEW OF HUMAN SCIENCES AND BIOMECHANICS PAPER-II PHYSICAL & FUNCTIONAL DIAGNOSIS PAPER-III RESEARCH METHODOLOGY & BIOSTATISTICS PAPER-I-ADMINISTRATION, MANAGEMETN AND ETHICAL ISSUES PAPER-II-CARDIO VASCULAR SCIENCES PAPER-III-CARDIO-PULMONARY SCIENCES	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Following cross cutting issues are taught to MPT students in theory as well as in practicals: Ethics in research Laws of Disability and Discrimination Role of Health Agencies Rules and Standards of practice Legal responsibilities
56	MPT NEUROLOGY	PAPER-I REVIEW OF HUMAN SCIENCES AND BIOMECHANICS PAPER-II PHYSICAL & FUNCTIONAL DIAGNOSIS PAPER-III RESEARCH METHODOLOGY & BIOSTATISTICS PAPER-I-ADMINISTRATION, MANAGEMETN AND ETHICAL ISSUES PAPER-II-PHYSIOTHERAPY IN NEUROLOGICAL DISORDER	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Following cross cutting issues are taught to MPT students in theory as well as in practicals: Ethics in research Laws of Disability and Discrimination Role of Health Agencies Rules and Standards of practice Legal responsibilities

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-III-NEUROSURGICAL AND PAEDIATRIC REHABILITATION	Inclusion of Professional Ethics in the curriculum	
57	MPT SPORTS	PAPER-I REVIEW OF HUMAN SCIENCES AND BIOMECHANICS	Inclusion of Human Values in the curriculum	Following cross cutting issues are taught to MPT students in theory as well as in practicals: Ethics in research Laws of Disability and Discrimination Role of Health Agencies Rules and Standards of practice Legal responsibilities
		PAPER-II PHYSICAL & FUNCTIONAL DIAGNOSIS	Inclusion of Health Determinants in the curriculum	
		PAPER-III RESEARCH METHODOLOGY & BIOSTATISTICS	Inclusion of Right to Health Issues in the curriculum	
		PAPER-I-ADMINISTRATION, MANAGEMETN AND ETHICAL ISSUES	Inclusion of Emerging Demographic changes in the curriculum	
		PAPER-II-SPORTS FUNDAMENTALS	Inclusion of Professional Ethics in the curriculum	
		PAPER-III-SPORTS PHYSIOTHERAPY AND RECNET ADVANCES		
58	BPT	PAPER-I- HUMAN ANATOMY	Inclusion of Human Values in the curriculum	Following cross cutting issues are taught to BPT students in theory as well as in practical Laws of Disability and Discrimination Role of Health Agencies Rules and Standards of practice Legal responsibilities
		PAPER-II HUMAN PHYSIOLOGY	Inclusion of Health Determinants in the curriculum	
		PAPER-III-BIOCHEMISTRY	Inclusion of Right to Health Issues in the curriculum	
		PAPER-IV-EXERCISE THERAPY-I	Inclusion of Emerging Demographic changes in the curriculum	
		PAPER-V-ELECTRO THERAPY -I	Inclusion of Professional Ethics in the curriculum	
		PAPER-I-PATHOLOGY & MICROBIOLOGY		
		PAPER-II-PHARMACOLOGY		
		PAPER-III-EXERCISE THERAPY-II		
		PAPER-IV-ELECTROTHERAPY-II		
		PAPER-V-BIO-MECHANICS & KINESIOLOGY		
		PAPER-VI-COMMUNITY MEDICINE		
		PAPER-I- CLINICAL ORTHOPAEDICS		
		PAPER-II-P.T. IN ORTHOPAEDICS		
		PAPER-III-MEDICINE INCLUDING PAEDIATRICS AND PSYCHIATRY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-IV-DISABILITY PREVENTION AND REHABILITATION PAPER-V-SOCIOLOGY AND PSYCHOLOGY PAPER-I-NEUROLOGY & NEUROSURGERY PAPER-II-P.T. IN NEUROLOGY AND NEUROSURGICAL CONDITIONS PAPER-III-SURGERY INCLUDING CTVS & OBST. & GYNAE PAPER-IV-P.T. IN MEDICAL AND SURGICAL CONDITIONS PAPER-V-EXERCISE PHYSIOLOGY & SPORTS PHYSIOTHERPAY		
59	MOT PAEDIATRICS	PAPER-I-BASIC SCINECES - ANATOMY & PHYSIOLOGY PAPER-II-BIOSTATISTICS & RESEARCH METHODOLOGY PAPER-III-OCCUPATIONAL THERAPY PROCESS & PRACTICE-I PAPER-IV-OCCUPATIONAL THERAPY PROCESS & PRACTICE-II PAPER-I-ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS -I PAPER-II-ADVANCED OCCUPATINAL THERAPY IN PAEDIATRICS-II	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Following cross cutting issues are taught to MOT students in theory as well as in practical Laws of Disability and Discrimination Role of Health Agencies Rules and Standards of practice Legal responsibilities
60	MOT NEUROSCIENCES	PAPER-I-BASIC SCINECES - ANATOMY & PHYSIOLOGY PAPER-II-BIOSTATISTICS & RESEARCH METHODOLOGY	Inclusion of Human Values in the curriculum Inclusion of Health Determinants	Following cross cutting issues are taught to MOT students in theory as well as in practical Laws of Disability and

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-III-OCCUPATIONAL THERAPY PROCESS & PRACTICE-I	in the curriculum Inclusion of Right to Health Issues	Discrimination Role of Health Agencies Rules and Standards of practice Legal responsibilities
		PAPER-IV-OCCUPATIONAL THERAPY PROCESS & PRACTICE-II	in the curriculum Inclusion of Emerging Demographic changes in the curriculum	
		PAPER-I- ADVANCED OCCUPATIONAL THERAPY IN NEURO SCIENCES -I	Inclusion of Professional Ethics in the curriculum	
		PAPER-II-ADVANCED OCCUPATINAL THERAPY IN NEUROSCIENCES-II		
61	MOT ORTHOPAEDIC	PAPER-I-BASIC SCINECES - ANATOMY & PHYSIOLOGY	Inclusion of Human Values in the curriculum	Following cross cutting issues are taught to MOT students in theory as well as in practical
		PAPER-II-BIOSTATISTICS & RESEARCH METHODOLOGY	Inclusion of Health Determinants	Laws of Disability and Discrimination
		PAPER-III-OCCUPATIONAL THERAPY PROCESS & PRACTICE-I	in the curriculum Inclusion of Right to Health Issues	Role of Health Agencies Rules and Standards of practice Legal responsibilities
		PAPER-IV-OCCUPATIONAL THERAPY PROCESS & PRACTICE-II	in the curriculum Inclusion of Emerging Demographic changes in the curriculum	
		PAPER-I- ADVANCED OCCUPATIONAL THERAPY IN ORTHOPEDICS -I	Inclusion of Professional Ethics in the curriculum	
		PAPER-II-ADVANCED OCCUPATINAL THERAPY IN ORTHOPEDICS-II		
62	BOT	PAPER-I- ANATOMY	Inclusion of Human Values in the curriculum	Following cross cutting issues are taught to BOT students in theory as well as in practical
		PAPER-II- PHYSIOLOGY	Inclusion of Health Determinants	Laws of Disability and Discrimination
		PAPER-III-BIOCHEMISTRY	in the curriculum	Role of Health Agencies Rules and Standards of practice Legal responsibilities
		PAPER-IV-FUNDAMENTALS OF OCCUPATIONAL THERAPY -I	Inclusion of Right to Health Issues	
		PAPER-V-FUNDAMENTALS OF OCCUPATIONAL THERAPY -II	in the curriculum Inclusion	
		PAPER-I-PATHOLOGY & MICROBIOLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-II-PHARMACOLOGY PAPER-III-ERGOTHERAPEUTICS PAPER-IV-SOCIOLOGY & PSYCHOLOGY PAPER-V-BIOMECHANICS & KINESIOLOGY PAPER-VI-COMMUNITY MEDICINE PAPER-I-CLINICAL ORTHOPAEDICS PAPER-II-OCCUPATIONAL THERAPY IN ORTHOPAEDICS PAPER-III-GENERAL MEDICINE INCLUDING PAEDIATRICS PAPER-IV-REHABILITATION MEDICINE PAPER-V-PSYCHIATRY PAPER-VI-OCCUPATIONAL THERAPY IN PSYCHIATRY PAPER-VII-OCCUPATIONAL THERAPY IN PAEDIATRICS PAPER-I-NEUROLOGY & NEUROSURGERY PAPER-II- OT IN NEUROLOGY & NEUROSURGERY PAPER-III-GENERAL SURGERY INCLUDING CTVS & OBST. & GYNAE. PAPER-IV-OT IN MEDICAL & SURGICAL CONDITIONS PAPER-V-ADVANCED IN OCCUPATIONAL THERAPY & REHABILITATION PAPER-VI-BIOSTATISTICS & RESEARCH & METHODOLOGY (NUE)	of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	
63	M.Sc. MEDICAL SURGICAL NURSING	PAPER-I-NURSING EDUCATION PAPER-II-ADVANCED NURSING PRACTICE PAPER-III-NURSING RESEARCH & STATISTICS	Inclusion of Gender in the curriculum Inclusion of Environment and Sustainability in the curriculum Inclusion of	Air pollution, water pollution Noise Determining the socio-economic status of the family Health determinants

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-IV-MEDICAL SURGICAL NURSING	Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Health problems in the family Global warming Ethics in research
		PAPER-I-NURSING MANAGEMENT		
		PAPER-II-MEDICAL SURGICAL NURSING SUB SPECIALITY-CARDIO VASCULAR AND THORACIC NURSING, CRITICAL CARE NURSING, ONCOLOGY NURSING, NEUROSCIENCES NURSING, NEPHRO-UROLOGY NURSING, ORTHOPAEDIC NURSING, GASTROENTEROLOGY NURSING		
64	M.Sc. PAEDIATRIC NURSING	PAPER-I-NURSING EDUCATION	Inclusion of Gender in the curriculum Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Sex ratio, PCPNDT Act Air pollution, water pollution Noise Determining the socio-economic status of the family Health determinants Health problems in the family Global warming Ethics in research
		PAPER-II-ADVANCED NURSING PRACTICE		
		PAPER-III-NURSING RESEARCH & STATISTICS		
		PAPER-IV-CHILD HEALTH NURSING		
		PAPER-I-NURSING MANAGEMENT		
		PAPER-II-CHILD HEALTH NURSING		
65	M.Sc. PSYCHIATRY NURSING	PAPER-I-NURSING EDUCATION	Inclusion of Gender in the curriculum Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the	H10 Determining the socio-economic status of the family Health determinants Health problems in the family Global warming Ethics in research
		PAPER-II-ADVANCED NURSING PRACTICE		
		PAPER-III-NURSING RESEARCH & STATISTICS		
		PAPER-IV-MENTAL HEALTH NURSING		



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-I-NURSING MANAGEMENT	curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	
		PAPER-II-MENTAL HEALTH NURSING		
66	M.Sc. OBSTETRICS & GYNAECOLOGY NURSING	PAPER-I-NURSING EDUCATION	Inclusion of Gender in the curriculum	Sex ratio, PCPNDT Act Air pollution, water pollution Noise Determining the socio-economic status of the family Health determinants Health problems in the family Global warming Ethics in research
		PAPER-II-ADVANCED NURSING PRACTICE	Inclusion of Environment and Sustainability in the curriculum	
		PAPER-III-NURSING RESEARCH & STATISTICS	Inclusion of Human Values in the curriculum	
		PAPER-IV-OBSTETRICS AND GYNAECOLOGY NURSING	Inclusion of Health Determinants in the curriculum	
		PAPER-I-NURSING MANAGEMENT	Inclusion of Right to Health Issues in the curriculum	
		PAPER-II-OBSTERTICS & GYNAECOLOGY NURSING	Inclusion of Emerging Demographic changes in the curriculum	
67	POST BASIC B.Sc. NURSING	PAPER-I NURSING FOUNDATION	Inclusion of Gender in the curriculum	Sex ratio, PCPNDT Act Air pollution, water pollution Noise Determining the socio-economic status of the family Health determinants Health problems in the family
		PAPER-II NUTRITION & DIETETICS	Inclusion of Environment and Sustainability in the curriculum	
		PAPER-III BIOCHEMISTRY & BIOPHYSICS	Inclusion of Human Values in the curriculum	
		PAPER-IV PSYCHOLOGY	D390curriculum	

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-V MICROBIOLOGY PAPER-VI MATERNAL NURSING PAPER-VII CHILD HEALTH NURSING PAPER-VIII MEDICAL & SURGICAL NURSING PAPER-IX ENGLISH PAPER-I SOCIOLOGY PAPER-II COMMUNITY HEALTH NURSING PAPER-III MENTAL HEALTH NURSING PAPER-IV INTRODUCTION TO NURSING EDUCATION PAPER-V INTRODUCTION TO NURSING SERVICES ADMINISTRATION	Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Global warming Ethics in research
68	BASIC B.Sc. NURSING	PAPER-I-ANATOMY AND PHYSIOLOGY PAPER-II-NUTRITION AND BIOCHEMISTRY PAPER-III-NURSING FOUNDATION PAPER-IV-PSYCHOLOGY PAPER-V-MICROBIOLOGY PAPER-IV-ENGLISH PAPER-VII-HINDI PAPER-I-SOCIOLOGY PAPER-II-MEDICAL SURGICAL NURSING PAPER-III-PHARMACOLOGY, PATHOLOGY, GENETICS PAPER-IV-COMMUNITY HEALTH	Inclusion of Gender in the curriculum Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum	Sex ratio, PCPNDT Act Air pollution Water pollution Noise Determining the socio-economic status of the family Health determinants Health problems in the family Global warming Ethics in research

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		NURSING-I PAPER-V-COMMUNICATION AND EDUCATIONAL TECHNOLOGY PAPER-I-MEDICAL SURGICAL NURSING-II PAPER-II-CHILD HEALTH NURSING PAPER-III-MENTAL HEALTH NURSING PAPER-IV-NURSING RESEARCH & STATISTICS PAPER-I-MIDWIFERY AND OBSTETRICAL NURSING PAPER-II-COMMUNITY HEALTH NURSING-II PAPER-III-MANAGEMENT OF NURSING SERVICES AND EDUCATION	Inclusion of Emerging Demographic changes in the curriculum	
69	UPGCC CCU NURSING (CRITICAL CARE)	PAPER-I CRITICAL CARE NURSING-I	Inclusion of Gender in the curriculum Inclusion of Environment and Sustainability in the	Sex ratio, PCPNDT Act Air pollution, water pollution Noise Determining the socio-economic

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-II CRITICAL CARE NURSING-II	curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	status of the family Health determinants Health problems in the family Global warming Ethics in research
70	MASTERS IN HOSPITAL ADMINISTRATION	PAPER-I-GENERAL MANAGEMENT	Inclusion of Human Values in the curriculum	Sex ratio, PCPNDT Act
		PAPER-II- HEALTH ADMINISTRATION & MEDICAL CARE	Inclusion of Health Determinants in the curriculum	Air pollution, water pollution
		PAPER-III-HOSPITAL ADMINISTRATION & PLANNING	Inclusion of Right to Health Issues in the curriculum	Noise
		PAPER-IV- ADMINISTRATION OF CLINICAL AND NON CLINICAL SERVICES	Inclusion of Emerging Demographic changes in the curriculum	Determining the socio-economic status of the family
71	B.Sc. HOSPITAL & HEALTH INFORMATION ADMINISTRATION	Paper-I BASICS OF INFORMATICS	Inclusion of Human Values in the curriculum	Health determinants
		Paper-II MEDICAL TERMINOLOGY	Inclusion of Health Determinants in the curriculum	Global warming
		Paper-III RESEARCH METHODOLOGY & MANAGEMENT	Inclusion of Right to Health Issues in the curriculum	Ethics in research
		Paper-I HEALTH CARE INFORMATION TECHNOLOGY MANAGEMENT	Inclusion of Emerging Demographic changes in the	
		Paper-II HEALTH INFORMATION MANAGEMENT		
		Paper-III QUALITY ASSURANCE,		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		FINANCING & E.H.R.	curriculum	
		Paper-I Fundamentals of Health Informatics, Clinical coding and Terminology		
		Paper-II Fundamentals of Hospital Administration, CPA & Health Insurance		
		Paper-III Medical Transcription, Telemedicine & Healthcare Policies & Standards		
72	PDCC CLINICAL CARDIOLOGY	PAPER-I-BASIC CARDIOLOGY	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Various environmental and occupation risk factors leading to diseases Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere
		PAPER-II-ADVANCED CARDIOLOGY		
73	PDCC CARDIAC ANAESTHESIA	PAPER-I-BASIC SCIENCE	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Various environmental and occupation risk factors leading to diseases Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere
		PAPER-II-CLINICAL SCIENCE		
74	PGCC CARDIOLOGY	PAPER-I-BASIC CARDIOLOGY	Inclusion of Human Values in the curriculum Inclusion of Health	Various environmental and occupation risk factors leading to diseases

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		PAPER-II-APPLIED CARDIOLOGY	Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere
75	PGCC Dermatology	PAPER-I DERMATOLOGY	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Various environmental and occupation risk factors leading to diseases Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere
		PAPER-II COSMETOLOGY		
76	UAPGCC REPRODUCTIVE TECHNOLOGY (ART) WITH HANDS ON TRAINING	HUMAN REPRODUCTION (BASIC SCIENCES)	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum	Vs Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere
		ART & CLINICAL EMBRYOLOGY		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
77	UAPGCC BASIC INFERTILITY MANAGEMENT AND REPRODUCTIVE ENDOCRINOLOGY (WITH HANDS ON TRAINING)	PAPER-I-HUMAN REPRODUCTIVE BASIC SCIENCES (ANATOMY, PHYSIOLOGY & ENDOCRINOLOGY OF REPRODUCTION)	Inclusion of Gender in the curriculum Inclusion of Human Values in the curriculum Inclusion of Right to Health Issues in the curriculum	Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere
		PAPER-II-EVALUATION AND MANAGEMENT OF INFERTILITY	Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	
78	UAPGCC CLINICAL EMBRYOLOGY (WITH HANDS ON TRAINING)	BASICS OF EMBRYOLOGY & IVF LAB	Inclusion of Gender in the curriculum Inclusion of Human Values in the curriculum Inclusion of Right to Health Issues in the curriculum	Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere
		ART & CLINICAL EMBRYOLOGY	Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	
79	UAPGCC IN ORAL IMPLANTOLOGY	Paper-I Basics of Implantology	Inclusion of Human Values in the curriculum Inclusion of Right to Health Issues in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery . Doctor patient relationship communication skills Professionalism Communication Skills
		Paper-II Clinical Implantology		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
80	UAPGCC IN PREVENTIVE DENTISTRY	Paper-I Basics of Preventive Dentistry	Inclusion of Human Values in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery. Doctor patient relationship communication skills Professionalism Communication Skills
		Paper-II Clinical Preventive Dentistry	Inclusion of Right to Health Issues in the curriculum	
81	Ph. D ANATOMY	Ph. D ANATOMY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
82	Ph. D PHYSIOLOGY	Ph. D PHYSIOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
83	Ph. D BIOCHEMISTRY	Ph. D BIOCHEMISTRY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
84	Ph. D PATHOLOGY	Ph. D PATHOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
85	Ph. D MICROBIOLOGY	Ph. D MICROBIOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
86	Ph. D FORENSIC MEDICINE	Ph. D FORENSIC MEDICINE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
87	Ph. D GENERAL MEDICINE	Ph. D GENERAL MEDICINE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
88	Ph. D OBST. & GYNAE	Ph. D OBST. & GYNAE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
89	Ph. D RADIODIAGNOSIS	Ph. D RADIODIAGNOSIS	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
90	Ph. D NERUROSURGERY	Ph. D NERUROSURGERY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
91	Ph. D COMMUNITY MEDICINE	Ph. D COMMUNITY MEDICINE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
92	Ph. D DERMATOLOGY, VENEREOLOGY & LEPROSY	Ph. D DERMATOLOGY, VENEREOLOGY & LEPROSY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
93	Ph. D RESPIRATORY MEDICINE	Ph. D RESPIRATORY MEDICINE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
94	Ph. D PSYCHIATRY	Ph. D PSYCHIATRY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
95	Ph. D PAEDIATRICS	Ph. D PAEDIATRICS	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
96	Ph. D GENERALSURGERY	Ph. D GENERALSURGERY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
97	Ph. D ORTHOPAEDICS	Ph. D ORTHOPAEDICS	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
98	Ph. D ENT	Ph. D ENT	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
99	Ph. D OPHTHALMOLOGY	Ph. D OPHTHALMOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
100	Ph. D ANAESTHESIOLOGY	Ph. D ANAESTHESIOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
101	Ph. D Occupational	Ph. D NEUROSCIENCES (Occupational)	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
102	Ph. D Ph. D PROSTHODONTICS & CROWN AND BRIDGE	Ph. D Ph. D PROSTHODONTICS & CROWN AND BRIDGE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
103	Ph. D PEDODONTICS & PREVENTIVE DENTISTRY	Ph. D PEDODONTICS & PREVENTIVE DENTISTRY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
104	Ph. D ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS	Ph. D ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
105	Ph. D ORAL MEDICINE & RADIOLOGY	Ph. D ORAL MEDICINE & RADIOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
106	Ph. D CONSERVATIVE DENTISTRY & ENDODONTICS	Ph. D CONSERVATIVE DENTISTRY & ENDODONTICS	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
107	Ph. D PERIODONTOLOGY	Ph. D PERIODONTOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
108	Ph. D ORAL AND MAXILLOFACIAL SURGERY	Ph. D ORAL AND MAXILLOFACIAL SURGERY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
109	Ph. D PUBLIC HEALTH DENTISTRY	Ph. D PUBLIC HEALTH DENTISTRY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
110	Ph. D ( PHYSIOTHERAPY )	Ph. D ORTHOPAEDICS ( PHYSIOTHERAPY )	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
111	Ph. D NURSING	Ph. D PAEDIATRICS NURSING	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
112	Ph.D. RADIATION ONCOLOGY	RADIATION ONCOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
113	PhD. NEURO ANAESTHESIA	NEURO ANAESTHESIA	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
114	PhD. EMERGENCY MEDICINE	EMERGENCY MEDICINE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
115	PhD. PHYSICAL MEDICINE & REHABILITATION	PHYSICAL MEDICINE & REHABILITATION	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
116	PhD. NUCLEAR MEDICINE	NUCLEAR MEDICINE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
117	PhD. PALLIATIVE MEDICINE	PALLIATIVE MEDICINE	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
118	PhD. IMMUNOHEMATOLOGY AND BLOOD TRANSFUSION	IMMUNOHEMATOLOGY AND BLOOD TRANSFUSION	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
119	PhD. CARDIOLOGY	CARDIOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
120	PhD. MEDICAL GASTROENTEROLOGY	MEDICAL GASTROENTEROLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
121	PhD. NEUROLOGY	NEUROLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
122	PhD. UROLOGY	UROLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
123	PhD. SURGICAL ONCOLOGY	SURGICAL ONCOLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
124	PhD. SURGICAL GASTROENTEROLOGY	SURGICAL GASTROENTEROLOGY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
125	PhD. REPRODUCTIVE MEDICINE AND SURGERY	REPRODUCTIVE MEDICINE AND SURGERY	Inclusion of <b>Professional Ethics</b> in the curriculum	Research Ethics
126	DM-CARDIAC ANAESTHESIA	Paper I basic sciences as applied to Cardiac Anaesthesia, Monitoring in cardiac anaesthesia	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health</b>	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure
		Paper II: Principles and practice of Adult Cardiac Anaesthesia		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-III Paediatric Cardiac Anaesthesia, Thoracic and Vascular anaesthesia, Transesophageal echo cardiography Paper-IV Intensive care medicine as applicable to cardiac anaesthesia, Recent advances in cardiac anaesthesia, and intensive care	<b>Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Professionalism Communication Skills Research Ethics Value Based Education, Exposure to Inhalation Agents in OT (N2O, Halothane, etc). Radiation exposure, Health Hazards Patient Autonomy Privacy Confidentiality End of Life Care
127	DM-MEDICAL ONCOLOGY	Paper-I Basic Sciences, Includes Cancer Biology, Tumor Immunology, Cancer Etiology, Pharmacology, Radiation Biology, Tumour Pathology. Paper-II Principles of Medical Oncology, Management of Solid tumors Paper-III Haemato-Oncology Paper-IV Cancer Epidemiology, Cancer Prevention, Psycho-oncology, Palliative care, Rehabilitation, Societal Oncology	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure Professionalism Communication Skills Terminal care Research Ethics
128	M.Ch. REPRODUCTIVE MEDICINE & SURGERY	Paper-I Basic Sciences relating to Reproductive medicine and Surgery Paper-II Principles of Reproductive Medicine and Laboratory Techniques	Inclusion of <b>Gender</b> in the curriculum Inclusion of Environment and Sustainability in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-III Fertility associated Medical and Surgical Diseases, Genetics, Counseling, Ethical and Legal issues related to ART Paper - IV Recent advances in Assisted Reproductive Medicine and Surgery	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	surgery / procedure Professionalism Communication Skills Research Ethics
129	M.Ch. SURGICAL ONCOLOGY	Paper –I Basic Sciences, include Cancer Biology, Tumor Immunology, Cancer Etiology, Pharmacology, Radiation Biology, Tumor Pathology. Paper –II Principals of Surgical Oncology, Management of Head and Neck, Thorax, Gastrointestinal system Paper –III Genito Urinary System, Gynaecological Cancer, Breast, Bone & Soft Tissue, Endocrine Tumors, Childhood Cancers, Skin & Central Nervous System. Paper –IV Cancer Epidemiology, prevention, Psychooncology, Rehabilitation, Societal Oncology	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure Professionalism Communication Skills Terminal care Research Ethics
130	M.Ch. SURGICAL GASTROENTEROLOGY	Paper –I Basic Medical Sciences related to Surgical Gastroenterology Paper –II Basic principles of Surgical Gastroenterology Paper –III Regional and Systemic GI Surgery	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper –IV Current trends and Recent Advances in Surgical Gastroenterology including Transplantation	Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	surgery / procedure Professionalism Communication Skills Research Ethics
131	M.PHILL CLINICAL PSYCHOLOGY	Paper I PSYCHOSOCIAL FOUNDATION OF BEHAVIOUR AND PSYCHOPATHOLOGY	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Communication skills. Patient confidentiality Counselling patients Professionalism Communication Skills Research Ethics
		Paper II STATISTICS AND RESEARCH METHODOLOGY		
		Paper III Psychiatry		
		Paper I Biological Foundations of Behavior		
		Paper II Psychotherapy and Counseling		
		Paper III Behavioral Medicine		
132	MD-HOSPITAL ADMINISTRATION	Paper I General Administration and Management of Hospital	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Air pollution, water pollution Noise Determining the socio-economic status of the family Health determinants Health problems in the family Global warming Ethics in research Professionalism Communication Skills
		Paper II Health Administration and Medical Care		
		Paper III Hospital Administration and Hospital Planning		
		Paper IV Administration of Clinical and Non Clinical Services		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
133	MD-EMERGENCY MEDICINE	Paper –I Basic Medical Sciences(Applied Basic Sciences, General Emergency Medicine and Disaster Preparedness)	Inclusion of <b>Environment and Sustainability</b> in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery . Right to end of life Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
		Paper –II Infectious Disease, HIV and AIDS, CVS, GIT, Critical Care, Paediatrics, Environmental Emergencies and Toxicology.	Inclusion of <b>Human Values</b> in the curriculum	
		Paper –III Respiratory Medicine, CNS, Surgical Emergencies, Obstetric and Gynaecological Emergencies, Surgical Specialities, Procedures	Inclusion of <b>Health Determinants</b> in the curriculum	
		Paper –IV Nephrology, Endocrinology, Haematology, Oncology, Psychiatry, Dermatology, Occupational Disease and Recent Advances	Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	
134	M.Sc. RADIO IMAGING TECHNOLOGY	Paper – I Management of Radiology and Imaging Department	Inclusion of Gender in the curriculum. Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	PCPNDT Act. Female attendant during Sonography and other procedures Radiation Hazards and Radiation safety , ALARA, eLORA Radiation waste management Patient consent before procedures patient privacy patient Dignity Antenatal defection of IUGR by sonography Anomaly scans PCPNDT Act Patient Dignity Professionalism Research ethics
		Paper – II Modern Radiological and Imaging Equipment and Techniques		
		Paper – III Advanced Physics of Radiology & Imaging		
		Paper – I Quality Assurance and Quality Control in Radiology and Imaging Department		
		Paper – II Newer Imaging Modalities and interventional radiological techniques		
		Paper – III Radiation Safety and Protection with radiological procedures		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
135	M.Sc. CLINICAL PSYCHOLOGY	Paper – I Theories of Personality	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Communication skills. Patient confidentiality Counselling patients Professionalism Communication Skills Research Ethics
		Paper - II Cognitive and Social Psychology		
		Paper – III Advanced Psychopathology		
		Paper – I Advanced Biological Psychology		
		Paper – II Research Methodology		
		Paper – III Application of Psychotherapy and Counselling		
136	M.Sc. YOGA THERAPY	Paper I Yoga Philosophy	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Communication skills. Counselling Professionalism Communication Skills Research Ethics
		Paper II Research Methodology		
		Paper III Anatomy		
		Paper IV Physiology		
		Paper – V Yoga for Prevention and Promotion of Health		
		Paper – VI Sanskrit Bhasha Vijñanam		
		Paper – I Patanjali Yoga Sutras		
		Paper – II Integrative Medicine		
		Paper – III Hatha Yoga Pradipika		
		Paper – IV Evidence based Yoga Therapy – I		
		Paper – V Evidence based Yoga Therapy – II		
		Paper – VI Yogic Counselling		
137	M.Sc. SPORTS MEDICINE	Paper I Basis Medical Sciences: Sports	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum	Communication skills. Counselling Professionalism Communication Skills Research Ethics
		Paper-II Research Methodology		
		Paper-III Basic and Applied Sports Sciences		
		PART-II		
		Paper I Clinical Sports Medicine		



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-II Sports Physical Therapy	Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
		Paper-III Current Concepts, and Fundamentals of HealthCare management		
138	M.Sc. OPHTHALMIC TECHNIQUES & OPTOMETRY	Paper I Basic Sciences and Clinical Optometry-I, Community Optometry & Public Health, Advance Dispensing Optics -I	Inclusion of Environment and Sustainability in the curriculum	Biomedical waste disposal Communication skills. Patient confidentiality Informed consents. Counselling patients prior to surgery / procedure Professionalism Communication Skills Research Ethics
		Paper II Research Methodology, Orthoptics& Vision Therapy, Elective: Advanced Glaucoma, Paediatric Optometry-II	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum	
		Paper III Clinical Optometry-II & Advanced Diagnostic,Neuro Optometry, Elective: Eye Banking- III	Inclusion of Right to Health Issues in the curriculum	
		Paper I Cornea & Contact Lens, Low Vision & Rehabilitation -I	Inclusion of Professional Ethics in the curriculum	
		Paper II Recent Advancement in Optometry-II		
		Paper III Special Clinic –I & Special Clinic –II		
139	M.Sc. ANAESTHETIC AND CRITICAL CARE TECHNOLOGY	Paper I Applied Basic Sciences	Inclusion of Environment and Sustainability in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery . Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics Exposure to Inhalation Agents in OT (N2O,
		Paper-II Basic Principles of Anaesthesia & Equipments	Inclusion of Human Values in the curriculum	
		Paper-III General Critical Care & Statistics	Inclusion of Health Determinants in the curriculum	
		Paper -I Specialty Anaesthesia Techniques & O R Management	Inclusion of Right to Health	
		Paper-II Advanced Critical Care, Monitoring & Therapies		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-III Intensive Care Management & Research Methodology	Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Halothane, etc). Radiation exposure, Health Hazards Patient Autonomy Privacy Confidentiality End of Life Care
140	M.Sc. TRANSFUSION MEDICINE & TECHNOLOGY	Paper –I Gen.Pathology, Biochemistry & Microbiology	Inclusion of Environment and Sustainability in the curriculum	Environment Ethics Value Based Education Patient Autonomy Privacy Confidentiality Professionalism, Communication Skills
		Paper –IIHEMATOLOGY& GEN.IMMUNOLOGY	Inclusion of Human Values in the curriculum	
		Paper –IIIBLOOD DONATION & BLOOD COMPONENT	Inclusion of Health Determinants in the curriculum	
		Paper –I TRANSFUSION THERAPY	Inclusion of Right to Health Issues in the curriculum	
		Paper –IIIMMUNOHEMATOLOGY	Inclusion of Professional Ethics in the curriculum	
		Paper –IIIQUALITY CONTROL & RECENT ADVANCES IN BLOOD BANKING TECHNIQUE		
141	M.Sc. MEDICAL STERILIZATION AND HOSPITAL LOGISTICS	Paper-I INTRODUCTION TO MEDICAL STERILISATION	Inclusion of Environment and Sustainability in the curriculum	Biomedical Waste Disposal Bioethics , USP, Sterilization & Disinfection, Minimization of Drug Resistance Bacteriology of water , air and Milk Hospital acquired infections Hand Hygiene
		Paper-II INFECTION PREVENTION AND CONTROL	Inclusion of Human Values in the curriculum	
		Paper-III PRINCIPLES OF MANAGEMENT AND ORGANISATIONAL BEHAVIOUR	Inclusion of Health Determinants in the curriculum	
		Paper-I MEDICAL INSTRUMENTS AND DEVICES	Inclusion of Right to Health Issues in the curriculum	
		Paper-II STERILIZATION AND MONITORING	Inclusion of Professional Ethics in the curriculum	
		Paper-III INVENTORY MANAGEMENT		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
142	M.Sc. DIALYSIS TECHNOLOGY	Paper IBASIC SCIENCES AND CLINICAL NEPHROLOGY	Inclusion of Human Values in the Curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment Human organ transplantation act
		Paper-II BASIC PRINCIPLES AND OVERVIEW OF TYPES OF RRT(HD AND PD)		
		Paper-III EPIDEMIOLOGY AND BIOSTATISTICS		
		Paper-IV RECENT ADVANCE HD PROCEDURES AND COMPLICATIONS IN RENAL D/S PTS AND RENAL NUTRITION		
		Paper-V MANAGEMENT OF DIALYSIS UNIT AND BIOMEDICAL INSTRUMENTATION BIOTECHNOLOGY AND MOLECULAR BIOLOGY		
		Paper-VI EMERGENCY MEDICINE/ACL NEPHRO- RADIOLOGICAL, NUCLEAR MEDICINE AND IMAGING SCIENCES NEPHROPSYCHIATRY		
143	M.Sc. EMERGENCY AND TRAUMA CARE TECHNOLOGY	Paper I Basic Science Applied to Trauma and Emergency Care	Inclusion of <b>Environment and Sustainability</b> in the curriculum Inclusion of <b>Human Values</b> in the curriculum Inclusion of <b>Health Determinants</b> in the curriculum Inclusion of <b>Right to Health Issues</b> in the curriculum Inclusion of <b>Professional Ethics</b> in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery . Right to end of life Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
		Paper-II GENERAL ASPECTS OF TRAUMA AND CRITICAL CARE		
		Paper-III ADVANCED CRITICAL CARE MANAGEMENT		
		Paper IV ADVANCED TRAUMA CARE & MANAGEMENT		
144	M.Sc. OPERATION THEATRE TECHNOLOGY	Paper I Applied Basic Sciences	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values	Informed Consent Patient Care Confidentiality Research Ethics
		Paper-II Basic Principle of Anaesthesia & Equipments		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-III Basic Knowledge of surgeries, Instruments & CSSD Paper I Specialty Anesthesia Techniques & O R Management Paper-II SPECIALISED SURGERIES, EQUIPMENTS Paper-III Trauma, Critical Care & Research Methodology	in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment Human organ transplantation act
145	M.Sc. CARDIAC PERFUSION TECHNOLOGY	Paper I. Principles of Cardiac Science Paper –II CPB Pathophysiology and Hematology Paper –III Biomedical Engineering and Patient Safety Paper –I CPB Management of Surgical Cases Paper –II Special Case Management on CPB Paper –III Recent Advances and Medico-legal Education	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Informed Consent Patient Care Confidentiality Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
146	M.Sc. CLINICAL EMBRYOLOGY	Paper II Introduction To Embryology Paper-II Infertility and its Clinical Management, Andrology Paper-III IVF Procedure: Fertilization, Embryo Production & Cryopreservation Techniques Paper I Intracytoplasmic Sperm Injection Paper-II Ethics and Regulation in ART Paper-III Cytogenetics	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the	Emerging demographic changes related to incidence and prevalence of diseases Ethics in research and work atmosphere

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
			curriculum	
147	M.Sc. CLINICAL NUTRITION & DIETETICS	Paper I Biostatistics & research methodology	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism Patient Autonomy Privacy Confidentiality Professionalism, Communication Skills Community nutrition & Problems of human nutrition Basic demography Therapeutic nutrition Food additives & adulterants, pesticides, food colours
		Paper-II Applied Nutrition & Food Safety		
		Paper-III MolecularNutrition		
		Paper I TherapeuticNutrition		
		Paper-II AdvancedNutrition		
148	M.Sc. EPIDEMIOLOGY	Paper IEpidemiologic Approach to Disease and Intervention	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Health-definition, spectrum of health and factors affecting it- Indicators of health. Health problems of world- urban and rural- Indian Health. Health Care Delivery System in India- Urban and Rural. Demography, Demographic cycle, Population Trends- World and India.
		Paper-IIUsing Epidemiology to the cause of Disease		
		Paper-IIIApplying Epidemiology to Evaluation and Policy		
		Paper IBiostatistics		
		Paper -II Screening and diagnostic tests		
		Paper-IIIApplying Epidemiology to Evaluation and Management		
149	M.Sc. MOLECULAR VIROLOGY	Paper I Basic Microbiology, Virology and ImmunologyTime:	Inclusion of Environment and Sustainability in the curriculum	Informed Consent Patient Care Confidentiality
		Paper-II Epidemiology, Biostatistics and Entomology		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-III Basic and Applied Viral Genetics Paper I Diagnostic Virology Paper-II Applied Epidemiology and Applied Entomology Paper-III Recent Advances in Molecular Virology	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Research Ethics Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
150	M.Sc. CRITICAL CARE TECHNOLOGY	Paper-I Applied Anatomy, Physiology and Biochemistry related to Critical Care Paper-II Applied Pharmacology, Pathology and Microbiology related to Critical Care Paper-III General Critical Care including ICU Monitoring, equipment Maintenance and therapy, Biomedical Engineering, ICU Administration, Logistics, Ethics, Communication Research, Management and Statistics Paper-I Advanced Respiratory Critical Care Technology Paper-II Advanced Cardiac Critical Care Technology Paper-III Advanced Neuro & Nephro Critical Care Technology	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery. Right to end of life Doctor patient relationship communication skills Professionalism Communication Skills Research Ethics
151	M.Sc. BIOINFORMATICS	Paper –I Cell Biology, Microbiology and Virology Paper –II Bio-Molecules Paper –III Basic of computer, Mathematics and Bio statistics Paper –IV Molecular Biology Paper –V Genomics and Proteomics Paper -VI Immunology PART-II	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum	Value Based Education Professionalism Professionalism, Communication Skills Basic demography

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper -I Genetic Engineering	Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
		Paper –II Advances in Structural Bioinformatics		
		Paper –III Drug designing		
		Paper –IV Programming in Pearl		
		Paper –V Research & its Applications		
152	M.Sc. HOSPITAL & HEALTH INFORMATION ADMINISTRATION	Paper -I Data Analytics and Database management	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper -II Fundamentals of Health Care Application		
		Paper -III Medical Language & Disease Classification		
		Paper -IV Organizational Behavior		
		Paper -I Health Care Financing & TPA		
		Paper -II Health Informatics		
		Paper –III Research & its Applications		
153	PGCC-TRANSFUSION MEDICINE	Paper –I Basics of Immunohematology & Transfusion Medicine	Inclusion of Human Values in the Curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper-II Applied & Advance Aspects of Transfusion Services & Cellular Therapy		
154	UAPGG - HEALTH INSURANCE	Paper- I Fundamentals of Insurance(FI)&Evolution of Indian Insurance Industry(EIII)	Inclusion of Human Values in the Curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper II Health Economics		

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
155	UPGCC OPERATION THEATRE NURSING	Paper I Operation Theatre Nursing-I	Inclusion of Human Values in the Curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper II Operation Theatre Nursing-II	Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
156	FELLOWSHIP IN NEURO ANAESTHESIA	Paper-I Basic Science	Inclusion of Human Values in the Curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper-II Clinical Science	Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
157	FELLOWSHIP IN HEAD AND NECK ONCOLOGY	Paper-I Basics of Head & neck Oncology	Inclusion of Human Values in the Curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper-II Head & neck Oncology Management & Recent Advances	Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
158	FELLOWSHIP IN ARTHROSCOPY & SPORTS MEDICINE	Paper-I Fellowship in Arthroscopy & Sports Medicine- I	Inclusion of Human Values in the Curriculum Inclusion of Right to Health Issues in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper-II Fellowship in Arthroscopy & Sports Medicine - II	Inclusion of Professional Ethics in the curriculum	
159	FELLOWSHIP IN GYNAE ONCOLOGY SURGERY	Paper-I Basics of Gynae Oncology(Anatomy, Radiology, Pathology, Staging)	Inclusion of Human Values in the Curriculum	Value Based Education Professionalism,



S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper-II Gynae Tumor & Cancer Management and Recent Advances	Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Communication Skills Basic demography
160	FELLOWSHIP IN FOETAL MEDICINE	Paper-I Basics of ultrasound, embryology, teratogenesis, prenatal genetics, diagnostic and therapy Paper-II Fetal malformation and management, multiple pregnancy, fetal growth and doppler	Inclusion of Human Values in the Curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
161	FELLOWSHIP IN ADVANCED REPRODUCTIVE TECHNOLOGY (IVF)	Paper-I Human Reproduction (Basic Sciences) Paper-II ART & Clinical Embryology	Inclusion of Human Values in the Curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
162	FELLOWSHIP IN MINIMAL ACCESS SURGERY	Paper-I Clinical Sciences Paper-II Recent Advances	Inclusion of Human Values in the Curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
163	B.Sc. YOGA THERAPY	Paper - I Anatomy and Physiology Paper - II Bio Chemistry Paper - III Basic Principle and History of Yoga Paper - IV Basic Principle and History of Naturopathy Paper - V Yoga Language Sanskrit Paper - I Modern Human Psychology	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the	Communication skills. Counselling Professionalism Communication Skills

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper - II Ancient Yoga Text Part - I Paper - III Chromotherapy Paper - IV Fasting Therapy and Dietetics & Nutrition Paper - V Massage & Acupressure Paper - I Ancient Yoga Text Part - II Paper - II Hatha Yoga Text Part - II Paper - III Hydrotherapy and Mud Therapy Paper - IV Therapeutic Yoga Paper - V Physiotherapy Paper - VI Naturopathy & Health Management	curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
164	B.Sc. SPORTS MEDICINE	Paper -I Human Anatomy: Sports sciences Paper -II Human Physiology and Applied Para clinical Sciences :Sports sciences Paper -III Research and Educational Methodology Paper -I Kinesiology Paper -II Exercise Physiology and nutrition Paper –III Sports Psychology Paper -I Introduction to Sports Physical Therapy and Medical Aspects of Sports Medicine Paper –II Sports Traumatology and Emergency care Paper –III Current Concepts in Sports Medicine	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Communication skills. Counselling Professionalism Communication Skills
165	B.Sc. CLINICAL PSYCHOLOGY	Paper – I General Psychology Paper - II Biological Psychology Paper – III Abnormal Psychology Paper – I Social and Cultural Psychology Paper – II Statistics and Research Methodology Paper – III Experimental Psychology Paper – I Developmental Psychology Time: Paper – II Psychological Measurements and Tests	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health	Communication skills. Patient confidentiality Counselling patients Professionalism Communication Skills

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper – III Foundation of Psychotherapy and Counselling	Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
166	B.Sc. MOLECULAR BIOLOGY AND HUMAN GENETICS	Paper – I Basic Microbiology	Inclusion of Gender in the curriculum	Communication skills. Patient confidentiality Counselling patients Professionalism Communication Skills
		Paper – II Basic Biochemistry	Inclusion of Human Values in the curriculum	
		Paper – III Basic Bacterial Genetics	Inclusion of Health Determinants in the curriculum	
		Paper – I Microbiology (Cell structure and Dynamics)	Inclusion of Right to Health Issues in the curriculum	
		Paper – II Biochemistry (Metabolism of Carbohydrate, lipid, protein & nucleotides and Gene expression & Gene Regulation)	Inclusion of Emerging Demographic changes in the curriculum	
		Paper – III Immunology	Inclusion of Professional Ethics in the curriculum	
		Paper – I Cultivation of viruses & Molecular Biology techniques		
		Paper – II Computational Biology & Bioinformatics		
		Paper – III Molecular Human Genetics		
167	B.Sc. CLINICAL EMBRYOLOGY	Paper –I Basics of male and female reproduction, Hypothalamo-pituitary gonadal Axis, Physiology of Menstrual Cycle	Inclusion of Gender in the curriculum	Emerging demographic changes related to incidence and prevalence of diseases Ethics in work atmosphere
		Paper –II Knowledge of oogenesis, spermatogenesis, Fertilization, Implantation	Inclusion of Human Values in the curriculum	
		Paper –III Luteal phase –normal physiology and LPD, Early embryonic development, Different etiologies of infertility	Inclusion of Health Determinants in the curriculum	
		Paper –I Etiology and management of male infertility	Inclusion of Right to Health Issues in the curriculum	
		Paper –II Stimulation protocols, Factors influencing the results of ART	Inclusion of Emerging Demographic	

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper –III Understanding of third part reproduction– gamete and embryo donation, ICMR guidelines and regulations Paper –I Embryology Lab setup, equipments and QC,QA Paper –II Basics of PGD/ PGS, Human Embryonic Stem Cells (theoretical aspects) Paper –III Ethical issues in IVF and Newer Advances in ART	changes in the curriculum Inclusion of Professional Ethics in the curriculum	
168	B.Sc. TRANSFUSION MEDICINE TECHNOLOGY	Paper –I Fundamentals of Physiology & Basics of Biochemistry Paper –II Hematology and Clinical Pathology Paper –III General Microbiology Paper –I Blood Banking Organization Paper –II Blood Donation and Donor Management Paper –III Basic Immunohematology and Transfusion Transmitted Infection Paper –I Blood Component and Transfusion Therapy Paper –II Blood Center Equipments, Documentation and Quality Control Paper –III Apheresis and Recent Advances	Inclusion of Gender in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Environment Ethics Value Based Education Patient Autonomy Privacy Confidentiality Professionalism, Communication Skills
169	B.Sc. ENDOSCOPIC TECHNOLOGY	Paper –I Anatomy and Physiology Paper -II Nutrition and Biochemistry Paper-III English and Computer Fundamentals Paper –I Microbiology and Pathology Paper –II Pharmacology	Inclusion of Gender in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum	Environment Ethics Value Based Education Patient Autonomy Privacy Confidentiality Professionalism, Communication Skills

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper –III Basic aspects of Endoscopy and Endoscopic Instruments Paper –I Endoscopic Procedures, Findings, Pre & Post Patient Care Paper –II Basic Medicine Paper –III Community Health	Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	
170	B.Sc. CATH LAB TECHNOLOGY	Paper – I Anatomy & Physiology Paper – II Pharmacology & Microbiology Paper – III Preventive Cardiology Paper – I Pathology & Medicine Paper – II Medical Ethics & Computer skills Paper – III Echocardiography, ECG, Defibrillation & Radiology Paper – I Catheters and Instruments Paper – II Cardiovascular System & Circulation Paper – III Basics of Cardiac Technology & Cardiac Catheterization	Inclusion of Gender in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum	Informed Consent Patient Care Confidentiality Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment
171	B.Sc. CARDIAC PERFUSION TECHNOLOGY	Paper 1. Applied Anatomy and Physiology Paper 2. Basic Biochemistry and Pharmacology Paper 3. Physics for Perfusionists (PAPER 1 Clinical Pathology Paper 2 Hematology and Clinical diagnostics Paper 3 Principles of Perfusion Technology PAPER I – CPB management in CTVS OR and CSSD PAPER II - Perfusion for special cases Paper III Advanced Perfusion Techniques and	Inclusion of Gender in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional	Informed Consent Patient Care Confidentiality Respect to Patients, Right of patients to know the nature of illness and the prognosis of treatment

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		ECMO	Ethics in the curriculum	
172	B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY	Paper -I Anatomy, Physiology and Biochemistry Paper –II Introduction to Emergency Medicine and EMS Paper -I Pathology, Clinical Microbiology and Pharmacology Paper -II Patient Examination and Nursing Paper -III Emergency Medicine and EMS-I Paper -I Emergency Medicine and EMS -II Paper -II Clinical Procedures and Instrumentation in Emergency Services (Ambulance Equipment's) Paper -III Emergency Surgery	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery . Right to end of life Doctor patient relationship communication skills Professionalism Communication Skills
173	B.Sc. CLINICAL NUTRITION & DIETETICS	Paper - I Fundamentals of Nutrition & Food Science Paper - II Nutritional Biochemistry Paper - III Anatomy & Physiology Paper - I Human Nutritional Requirements Paper - II Nutritional Microbiology Paper - III Problems in Human Nutrition Paper - I Institutional food administration Paper - II Public Health & Community Nutrition Paper - III General & Therapeutic Nutrition	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism Patient Autonomy Privacy Confidentiality Professionalism, Communication Skills Community nutrition & Problems of human nutrition Basic demography Therapeutic nutrition Food additives & adulterants, pesticides, food colors
174	B.Sc. ORTHOPAEDIC PLASTER TECHNOLOGY	Paper -I Human Anatomy and Physiology Paper -II Pathology of Muscle and Bones	Inclusion of Environment and Sustainability in the curriculum	Good professional etiquettes Right of patient for treatment / procedures / surgery. Right to end

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper -III Physics of Orthopedic instruments and It's Maintenance Paper -I First Aid, Applied sciences and Pharmacology Paper -II Basic Orthopaedics Paper -III Traumatology Paper -I Orthopedic Implants and Plaster Technology Paper -II Operation Room Techniques and it's Management Paper -III Biomechanics, Physiotherapy and Professionalism	Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	of life Doctor patient relationship communication skills Professionalism Communication Skills
175	B.Sc. E.E.G. TECHNOLOGY	Paper I Neuro-Anatomy, Neuro-Physiology & Applied pharmacology Paper II Clinical neurology Electronics and computer science Paper I Technical aspects of EEG Paper II Clinical Aspects of EEG Paper I Clinical Neurology and EEG changes in clinical conditions Paper II Recent advances in EEG ,Intraoperative EEG, Polysomnography	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
176	B.Sc. E.C.G. TECHNOLOGY	Paper - I Anatomy & Physiology Paper - II Computer Application & ECG basics Paper - III Preventive Cardiology & Microbiology Paper - I Pathology, Pharmacology & Medicine Paper - II Medical Ethics & Hospital Practice Paper - III Basics of Cardiac Technology & ECG	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the	Value Based Education Professionalism, Communication Skills Basic demography

S. No	NAME OF THE PROGRAMME	NAME OF THE COURSE (SUBJECT/PAPER)	INSTITUTION INTEGRATES CROSS CUTTING ISSUES	DESCRIPTION /LINK
		Paper - I Diseases of Heart	curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	
		Paper - II ECG Technology and Interpretation		
		Paper - III Treadmill Testing, Holter and Basic Echocardiography		
177	B.Sc. BIO INFORMATICS	Paper-I Introduction to IT	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper-II Basic of Bioinformatics		
		Paper-III Mathematics I		
		Paper-I Structural Bioinformatics		
		Paper-II Mathematics II		
		Paper-III Research Methodology		
		Paper-I Cell biology		
		Paper-II Computer graphics, Machine learning and Bioperl		
		Paper-III Informatics in omics and application		
178	B.Sc. NEURO ELECTROPHYSIOLOGY	Paper I Neuro-Anatomy, Neuro-Physiology & Applied pharmacology	Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Professional Ethics in the curriculum	Value Based Education Professionalism, Communication Skills Basic demography
		Paper II Clinical neurology, Electronics and computer science		
		Paper I Technical and neuro clinical aspects of EEG		
		Paper II Technical and neuro clinical aspects of EMG , NCV, evoked potential and other neuro electrophysiological techniques		
		Paper I Clinical Neurology and advanced EEG		
		Paper II Advances in NCV, EMG, Evoked potential, QST, Intra-operative brain and spinal cord monitoring		



