


Krishna Institute of Medical Sciences "Deemed to be University" Karad

Name of the Programme	Name of the Course	Cross Cutting Issue	Description/Link
Bachelor of Medicine & Surgery (MBBS)	Anatomy	Environment and Sustainability, Human Values,	(Biomedical Waste) disposal of cadaver and soft tissue part , human bones. Etc. Handle the Cadaver with respect..
	Physiology	Human Values, Health Determinants, Professional Ethics	Applied Physiology, Exercise Physiology, Physical fitness. Sports physiology. Animal ethics , Research ethics & Professionalism
	Biochemistry	Environment and Sustainability, Health Determinants, Professional Ethics	Environmental Biochemistry Function Tests, RFT, TFT, LFT Bioethics
	Pharmacology	Health Determinants, Right to Health Issues, Professional Ethics	Study of Adverse drug reaction ,; Pharmacovigilance study Rational drug and Antibiotic prescribing guidelines Major side effects of drugs. standard treatment guidelines, Antibiotic prescribing guidelines. Research ethics & Professionalism
	Pathology	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
	Microbiology	Environment and Sustainability, Professional Ethics	Sterilization ,Biomedical Waste Disposal, safty measures, Biosafety, Sterilization & Disinfection
	FMT	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
	Community Medicine	Health Determinants, Emerging demographic changes,	Prevalence and etiology of various diseases in past and present . .average life expectancy, .Young and old population etc.
	ENT	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
	Ophthalmology	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
	General Medicine	Human values , Right to Health	Good professional etiquettes, Right of patient for treatment / procedures / surgery

		Issues, Professional Ethics	Right to end of life care, Doctor patient relationship communication skills
	General Surgery	Environment and Sustainability, Professional Ethics, Human values, Right to Health Issues	Environment Ethics, Value Based Education, Professionalism, Patient Autonomy, Privacy Confidentiality, End of Life Care, Informed Consent, Professionalism, Communication Skills, Research Ethics
	Obs./Gyn.	Gender, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes, Professional Ethics	Issues relation to sex determination. sexual assault, adolescent, Study of maternal morbidity, Still Births, Neonatal Deaths, perinatal mortality, MTP Act. Contraception methods. Contraception methods. Ethics in surgery, bioethics, Risk management. Patient Autonomy, Privacy Confidentiality, Informed Consent
	Pediatrics	Gender, Human values, Health Determinants	Screening of children sex for issues, Investigations management of Neonatal and childhood illness
M.D. Anatomy	Paper I To IV	Environment and Sustainability, Human Values,	(Biomedical Waste) disposal of cadaver and soft tissue part, human bones. Etc. Handle the Cadaver with respect..
M. D. Physiology	Paper I To IV	Human Values, Health Determinants, Professional Ethics	Applied Physiology, Exercise Physiology, Physical fitness. Sports physiology. Animal ethics, Research ethics & Professionalism
M. D. Pathology	Paper I To IV	Human Values	Doctor patients relationship, privacy & confidentiality, Value Based Education, Professionalism
M. D. Microbiology	Paper I To IV	Environment and Sustainability, Professional Ethics	Sterilization, Biomedical Waste Disposal, safety measures, Biosafety, Sterilization & Disinfection
M.D. Pharmacology	Paper I To IV	Health Determinants, Right to Health Issues, Professional Ethics	Study of Adverse drug reaction, Pharmacovigilance study, Rational drug and Antibiotic prescribing guidelines, Major side effects of drugs. standard treatment guidelines, Antibiotic prescribing guidelines. Research ethics & Professionalism
M. D. Community	Paper I To IV	Health Determinants,	Prevalence and etiology of various diseases in past and present. average life expectancy, Young and old

Medicine		Emerging demographic changes,	population etc.
M.D. general Medicine	Paper I To IV	Human values , Right to Health Issues, Professional Ethics	Good professional etiquettes, Right of patient for treatment / procedures / surgery Right to end of life care, Doctor patient relationship communication skills
M. D. Pediatrics	Paper I To IV	Gender ,Human values, Health Determinants	Screening of children sex for issues, Investigations management of Neonatal and childhood illness
M. S. General Surgery	Paper I To IV	Environment and Sustainability, Professional Ethics Human values , Right to Health Issues	Environment Ethics Value Based Education, Professionalism Patient Autonomy, Privacy Confidentiality, End of Life Care, Informed Consent Professionalism, Communication Skills, Research Ethics
MD Radio Diagnosis	Paper I To IV	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
MS Obs./Gyn.	Paper I To IV	Gender, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes, Professional Ethics	Issues relation to sex determination. sexual assault ,adolescent Study of maternal morbidity, Still Births, Neonatal Deaths, perinatal mortality MTP Act. Contraception methods. Contraception methods. Ethics in surgery, bioethics , Risk management. Patient Autonomy, Privacy Confidentiality, Informed Consent
MD Anesthesia	Paper I To IV	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
MS Orthopedics	Paper I To IV	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
MS ENT	Paper I To IV	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
MS Ophthalmology	Paper I To IV	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism
MD Dermatology	Paper I To IV	Human Values	Doctor patients relationship. , privacy & confidentiality, Value Based Education, Professionalism

M. D. Biochemistry	Paper I To IV	Environment and Sustainability, Health Determinants, Professional Ethics	Environmental Biochemistry Function Tests, RFT, TFT, LFT Bioethics
Bachelor of Dental Surgery (BDS)	Public Health Dentistry	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes, Professional Ethics	<p>Chapter -Case History- Gender</p> <p>When considered with reference to social and cultural differences rather than biological ones, gender is male, female and transgender. Several studies suggest that men and women are treated differently for similar diseases including diabetes and cardiovascular diseases. Differences in attitude and treatment practices towards men and women with obesity are not well recognized. Certain dental and systematic diseases are sex linked and more prevalent in particular gender. For example, is X-linked, recessive and hence is more common in males than is females. It may contribute to the diagnosis of specific condition. When examining global gender issues, the world economic forum measured the gender gap according to four distinct criteria economic participation and opportunity, educational attainment, political empowerment and health and survival. Despite the equal pay act, the salary inequality between men and women has been recognized across all fields. Many studies have demonstrated that caries rates are higher in women than in men. Evidence has been provided to demonstrate that caries risk factors for women include different salivary composition, flow rate, hormonal fluctuations, dietary habits, genetic variations and particular social roles among their families. Most mouth cancer are linked to lifestyle choices, but it is important to remember that this is not the case for everyone. The main traditional behaviour associated with mouth cancer still ring true. The lifetime risk for women to be diagnosed with oral cancer has increased in the last few years.</p> <p>Chapter Environment and Health- Environment</p> <p>Environment comprises of the physical, biological, social and psychological dimensions. Disease arises when there is maladjustment of the individual with his environment. The activities under environmental health include control of air pollution, radiation control, noise control and solid waste management. Water: Good oral health requires clean water supply</p>

			<p>sufficient for brushing and cleaning teeth regularly. Poor oral hygiene may result in periodontal problems. Fluoride intake from drinking water and a balanced low sugar diet are probably the most important factors in reducing dental caries. Uses of water include domestic, public, industrial and agricultural. Sources of water are rain, surface water, impounding reservoirs, rivers, streams, ponds, lakes and sea water.</p> <p>Purification of water: Can be done on a small and large scale. For large scale purification, the system comprises of storage, filtration and chlorination. For small scale purification the removal of hardness is done by boiling, addition of lime, sodium carbonate and Base Exchange process.</p> <p>Waste Management: It is the collection, transport, processing, recycling or disposal of waste materials. The term usually relates to materials produced by human activity, and is generally undertaken to reduce their effect on health, environment or aesthetics. It can involve solid, liquid, gaseous or radioactive substances, with different methods for each.</p> <p>The key to mans health lies in his environment. The purpose of environmental health is to create and maintain ecological conditions that will promote health and thus prevent disease.</p> <p>Chapter Ethics in Medicine and Dentistry- Value Provide evidence of the effectiveness and quality of community services. Provide a clear picture of the community offer. Support meaningful national benchmarking of community services, contribute to the evidence based on clinical effectiveness to support development and improvement. Provide information in an accessible form on the quality and value. The ends and means of public health activities are suggested to be at odds with the values held by human individuals and communities, although promoting longer lives and better health for all seems like an endeavour that is acceptable, it can be challenged by equally self-evident appeals to autonomy, happiness, integrity and liberty among other values. One way to approach value questions in public health is to identify words that are used in discussions on health promotion. Public health activities can be described by considering three main question. What is the aim of these activities? Why is this aim important and good? And by what means do these activities aim to achieve their end? The public health activities seem to aim at longer lives with fewer</p>
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Name of the	Name of the	Cross Cutting	Description/Link

Programme	Course	Issue	
Bachelor of Physiotherapy	Human Anatomy	Gender	<p>The system of education provided by Physiotherapy curriculum integrates the students in crosscutting issues which includes Gender equality and liberates democracy in all spheres of sustainable development.</p> <p>Imparting human values through Physiotherapy curriculum: Physiotherapy graduates deals with rehabilitation of various health problems and so they need to have high levels of Self-awareness, managing emotions, reading emotion and handling relationship which constitutes the major components of emotional intelligence.</p> <p>Human values becomes the life and soul of individual student through which he/she can contribute to the welfare of the society, by finding ways to develop an integrated personality.</p> <p>The practical schedules of curriculum encourages them to adopt discipline, duty consciousness and basic human values, which are deeply appreciated as the best qualities of students. Inculcation of right values step up one's efficiency, helpful in managing one's life at home and professional fields in the world.</p> <p>The various other subjects included in addition are Psychology, Sociology, Fundamentals of Yoga, Professional ethics, etc., are imparted for gaining the above said goals related to value education.</p> <p>In addition the university possess the Bioethics chair and a well-organized research department to assist the students with regular programs, motivational / innovative updated training programs for teachers, etc. in a cyclic process.</p> <p>All students are provided with equal learning opportunities in Community based rehabilitation activities. Obstacles to be broken down includes minimal Social barriers, Cultural barriers, Economic barriers, Political awareness of the area of work & Psychological barriers as per the individual student. It is through Board of studies reviews & curriculum changes made as per society needs that can bring desirable social changes and modernize itself.</p> <p>The professionals imparting knowledge represents the Model of modernity which needs to be Competent and skilled reorientation of self to accelerate the process of social change favorable to new attitudes and values.</p> <p>Every part of Physiotherapy rehabilitation needs continuous efforts by the patient and an motivational therapist whomever it may be. E.g., Individuals who are Wheel chair bound involved in sports, achieving Neurological rehab goals, Post</p>
	Human Physiology	Gender	
	Biochemistry	Health Determinants	
	Fundamentals of Exercise Therapy		
	Fundamentals of Electro Therapy		
	Pharmacology		
	Pathology & Microbiology	Rigth to Health Issues, Health Determinants	
	Exercise Therapy	Health Determinants	
	Electro Therapy	Health Determinants	
	Psychology	Gender, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes, Professional Ethics	
	Surgery & Orthopedics	Human Values, Health Determinants	
	Medicine	Human Values, Health Determinants	
	Obstetrics & Gynecology	Human Values, Health Determinants	
	Physical Diagnosis & Manipulative skills	Human Values, Health Determinants, Right to Health Issues	
	Community Health Sociology and Biostatics	Gender, Environment and Sustainability, Human Values, Health Determinants, Emerging demographic	

		changes, Professional Ethics	<p>traumatic rehab, etc.,</p> <p>The curriculum is designed in such a way it enforces and motivates Scientific attitude among students, National and international outlook in professional areas, community-centered education with use of modernized instructional technology.</p> <p>As a part of curriculum students are integrated in conservation of nature through NSS & NCC activities. The university establishes a level of public awareness and community activity in relation to environmental conservation. The data are likely to be at a macro-level, inclusive of depletion of forest cover, silting and pollution of water ways, atmospheric pollution, and tree plantation.</p> <p>Right to health issues and emerging demographic changes: Physiotherapy students are involved in raising awareness of the benefits and challenges of active ageing to employers and stimulate age-friendly administrative policies like organizing initiatives to eradicate the negative perceptions of age that promote employability adapted to the needs and abilities of the ageing population.</p> <p>On the whole, the dean of the college is the sole responsibility for taking appropriate action to bridge the gap between the current performance and the learning goal forward.</p>
	Psychiatry	Gender, Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes, Professional Ethics	
	Pediatrics	Gender, Health Determinants, Right to Health Issues,, Emerging demographic changes,	
	Physiotherapy in Musculoskeletal Condition	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes, Professional Ethics	
	Physiotherapy in Neurosciences	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes, Professional Ethics	
	Physiotherapy in General Medicine & Surgical conditions	Gender, Environment and Sustainability, Human Values,	

		Health Determinants, Right to Health Issues,, Emerging demographic changes, Professional Ethics	
	Physiotherapy in Community Health	Gender, Environment and Sustainability, Health Determinants, Right to Health Issues,, Emerging demographic changes	
	Ethics and Principles in Physiotherapy Practice	Human Values, , Right to Health Issues,, Professional Ethics	
M. P. Th. Musculo-skeletal Science	Basic Sciences	Gender, Health Determinants,	
	Basic Therapeutics	Gender, Human Values, Health Determinants, Right to Health Issues	
	Advanced Therapeutics	Human Values, Right to Health Issues,, Emerging demographic changes, Professional Ethics	
	Biostatistics & Research Methodology	Human Values, Right to Health Issues,, Emerging demographic changes, Professional Ethics	

	General Physiotherapy	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,	
	Speciality Subject - Musculo- skeletal Science	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,	
M. P. Th. Neuro Science	Basic Sciences	Gender, Health Determinants,	
	Basic Therapeutics	Gender, Human Values, Health Determinants,	
	Advanced Therapeutics	Health Determinants,	
	Biostatistics & Research Methodology	Human Values, Right to Health Issues,, Emerging demographic changes, Professional Ethics	
	General Physiotherapy	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,	
	Speciality Subject -Neuro Sci.	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,	
M. P. Th. Cardio – Pulmonary Science	Basic Sciences	Gender, Health Determinants,	
	Basic Therapeutics	Gender, Human Values, Health	

		Determinants,
	Advanced Therapeutics	Health Determinants,
	Biostatistics & Research Methodology	Human Values, Right to Health Issues,, Emerging demographic changes, Professional Ethics
	General Physiotherapy	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,
	Cardio – Pulmonary Science	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,
M. P. Th. Pediatric Neurology	Basic Sciences	Gender, Health Determinants,
	Basic Therapeutics	Gender, Human Values, Health Determinants,
	Advanced Therapeutics	Health Determinants,
	Biostatistics & Research Methodology	Human Values, Right to Health Issues,, Emerging demographic changes, Professional Ethics
	General Physiotherapy	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,
	Speciality Subject -	Human Values, Health

	Pediatric Neurology	Determinants, Right to Health Issues,, Emerging demographic changes,
M. P. Th. Community Health	Basic Sciences	Gender, Health Determinants,
	Basic Therapeutics	Gender, Human Values, Health Determinants,
	Advanced Therapeutics	Health Determinants,
	Biostatistics & Research Methodology	Human Values, Right to Health Issues,, Emerging demographic changes, Professional Ethics
	General Physiotherapy	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,
	Speciality Subject - Community Health	Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes,

Name of the Programme	Name of the Course	Cross Cutting Issue	Description/Link
Basic B. Sc. Nursing	Nursing Foundation	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Professional Ethics	<p>Providing safe and clean environment Nursing theories & linking with nursing process Qualities of a nurse Values: Definition, type, values Clarifications and values in professional nursing Caring and advocacy. Helping -Relationship, Dimension and phases of a Helping Relationship -Effective communication with patient, families & team members Primary health care and its delivery; role of nurse The consumer rights, Patients' bill of rights</p> <p>Ethical principal Code of ethics Professional conduct for Nurses. Medico-legal issues, Role and responsibilities of the nurse</p>
	Nutrition & Biochemistry	-----	
	Psychology	Human Values,	Guidance and counseling
	Microbiology	----	
	Introduction to Computer (CEX)	----	
	English (CEX)	-----	
	Sociology	Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes, Professional Ethics	<p>Rights of women & children, social issues and environment:unstainable to development urban problems related to energy resettlement and rehabilitation of people its problems and concern wasteland reclamation ,public awareness, Human rights</p> <ul style="list-style-type: none"> •Race as a biological concept, criteria of racial classification <p>Culture, Family welfare programmes, Population explosion in India</p> <p>-Population & its impact on health status.</p> <p>Availability of health facilities in rural and its impact on health and health practices. - Factors influencing social change, cultural change, cultural lag. Diversity and uniformity of culture.</p> <p>Population Growth, Variation Among Nations</p> <ul style="list-style-type: none"> • Region: Problems and impact on health
	Pharmacology, Pathology,	-----	

	Genetics		
	Community Health Nursing	Health Determinants	Determinants of health
	Communication & Education Technology	---	
	Medical Surgical Nursing	---	
	Medical Surgical Nursing	----	
	Child Health Nursing	Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues,, Emerging demographic changes, Professional Ethics	Hospital Environment for a Sick Child. Impact of Hospitalization on the Child and family, Internationally Accepted Rights Of -The Children Child Morbidity & Mortality Rates. Child National Policy & Legislations In Relation To Child Health & Welfare, Value Of Play & Selection Of Play Material, Nutritional Rehabilitation Center- -Welfare Services For Challenged Children In India.
	Mental Health Nursing	Gender, Environment and Sustainability, Human Values, Health Determinants, Emerging demographic changes	
	Nursing Research & Statistics	Human Values, Health Determinants,	
	Community Health Nsg - II	Right to Health Issues,, Emerging demographic changes,	
	Midwifery & Obstetrical Nursing	Gender, Human Values, Health Determinants, Right to Health Issues Professional Ethics	Legislation in relation to maternal health and welfare, Counselling for family welfare. Adjustment to pregnancy, unwed Mothers, single parents, Teenage pregnancy, Sexual violence. Psychosocial and cultural aspect of pregnancy, Thermo regulation, Breastfeeding Prevention of infections, immunization.

			<p>Reports and records.</p> <p>Concepts, aims, importance and history of family welfare programme.</p> <p>National family welfare programme: RCH, ICDS, MCH and safe motherhood, Adoption.</p> <p>Psychological complications- Postpartum blues, depression and psychosis. for this topic Role Play T/L Method added in DK)</p>
	Management of Nursing Services & Education	Professional Ethics	
Post Basic B. Sc. Nursing	Nursing Foundation	Environment and Sustainability, Human Values, Health Determinants, Emerging demographic changes, Professional Ethics	<p>Nursing theory</p> <p>Holistic nursing, Code of ethics professional conduct for nurses, Health care concepts and nursing care concept, Person (client/patient). Health and Environment</p> <p>Code of ethics professional conduct for nurses</p>
	Nutrition & Dietetics	---	
	Biochemistry & Biophysics	---	
	Psychology	---	
	Microbiology	---	
	Maternal Nursing	Gender, , Human Values, Health Determinants, Right to Health Issue, Professional Ethics	<p>Safe motherhood initiative, Maternal mortality, morbidity and perinatal mortality, National welfare Programmes for women</p> <p>National family welfare programme.</p> <p>Infertility, genetic counseling, Abortions Legislation related to maternal benefits, MTP acts, family planning</p>
	Child Health Nursing	Human Values, Professional Ethics	<p>Internationally accepted rights of the child.</p> <p>-Child morbidity and mortality rates, Legislation's in relation to child health and welfare</p>
	Medical Surgical Nursing	-----	
	English (CEX)	-----	
	Community Health Nursing	Environment and Sustainability, Health Determinants, Professional	<p>Occupational health</p> <p>Biostatics and vital statistics,</p> <p>Public health legislations</p>

		Ethics	
	Introduction to Nursing Education	----	
	Introduction to Nursing Service Administration	Environment and Sustainability, Professional Ethics	Maintenance of therapeutic environment, medico legal aspects, legal responsibilities
	Mental Health Nursing	Human Values, Professional Ethics	Therapeutic communication technique, nurse patient relationship. Legal aspects in psychiatry and mental health services
	Introduction to Nursing Research & Statistics (CEX)	Professional Ethics	Ethical aspect in Research
	Sociology	Human Values, Health Determinants, Emerging demographic changes	Social process & interaction -Social interactions – meanings, factors, influencing interaction, definition, Importance Nature of culture Evolution of culture Civilization and culture& ethnocentrism in culture Social Change And Progress
Medical Surgical Nursing	Nursing Education	Human Values,	Guidance and Counseling
	Advance Nursing Practice	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Professional Ethics	-Sexuality -Sexual health. -Gender sensitive issues -Women empowerment. Epidemiology Nursing theories -Disaster nursing. Genetic counseling. -Psychosocial issues in genetic testing. - Care of dying and dead) -Techniques of Counseling -Interpersonal relationships, individual group, -Group dynamics. -Coping with loss, Death, grieving -Principles of Counseling Morbidity, Mortality Geriatric Nursing - Geriatrics considerations in nursing Code of ethics (INC), code of professional conduct (INC), - Ethical, legal issues in genetic testing.
	Medical Surgical	Right to Health Issues,	Right of patients. Ethical & Cultural Issues in Medical- Surgical Nursing

	Nursing	Professional Ethics	
	Nursing Research and Statistics	Health Determinants, Right to Health Issues Professional Ethics	Ethics in research, Scope of nursing research : Areas, problems in nursing, health and social research Ethics in research
	Nursing Management	Environment and Sustainability, Human Values Right to Health Issues Professional Ethics	Theories and models of Nursing Administration Stress management. leadership styles and their implication Application to nursing service & education Laws and Ethics in Nursing Profession
	Medical Surgical Nursing	Human Values	Cardiac Rehabilitation & Counseling
Obstetrics & Gynecology Nursing	Nursing Education	Gender, Health Determinants	
	Advance Nursing Practice	Gender, Human Values,	
	Obstetrics & Gynecology Nursing	Gender, Human Values Right to Health Issues, Professional Ethics	Sexual abuse, Adolescents, mothers Rehabilitation in HIV-AIDS -Staff orientation, training and development. -In-service education program HIV positive mother and her baby. Epidemiology. Screening Issues: Legal, ethical in HIV-AIDS
	Research and Statistics	Human Values	
	Nursing Management	Health Determinants, Right to Health Issues	
	Obstetrics & Gynecology Nursing	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes,	
Child Health(Pediat	Nursing Education	Health Determinants	

rics) Nursing			
	Advance Nursing Practice	Right to Health Issues	
	Child Health (Pediatrics) Nursing	Human Values, Right to Health Issues	-In-service education program in pediatric care(1 Hr) -In-service education program in pediatric care (1 Hr) -Staff orientation, in pediatric care (1 Hr) training and development in pediatric care Quality Assurance:-Obstetric auditing - records / reports
	Research and Statistics	Human Values	
	Nursing Management	---	
	Child Health (Pediatrics) Nursing	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes,	
Community Health Nursing	Nursing Education	Emerging demographic changes,	
	Advance Nursing Practice	Right to Health Issues	
	Community Health Nsg.	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes	
	Research and Statistics	Gender, Environment and Sustainability	
	Nursing Management	Human Values	
	Community	Gender,	

	Health Nsg.	Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes	
Mental health(Psychiatric) Nursing	Nursing Education	Human Values	
	Advance Nursing Practice	Gender	
	Mental Health Nursing	Human Values, Professional Ethics	Psychological problems of individual HIV/AIDS Counseling Nursing Management Problems Related to Abuse or Neglect Vulnerable groups, Women, Children, elderly, psychiatric patients, under privileged, challenged Nursing management- Counseling Staff orientation, training and development In-service education program, Ethical and Legal Issues in Psychiatric/Mental Health
	Research and Statistics	Environment and Sustainability, Human Values	
	Nursing Management	-----	
	mental Health Nursing	Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes, Professional Ethics	
M.Sc. in NPCC	Research application and Evidence based practice in critical care	Gender, Human Values, Right to Health Issues, Professional Ethics	

	Advanced skills in leadership, management and teaching	Gender, Human Values, Right to Health Issues, Professional Ethics	
	Advance Practice Courses Advanced Pathophysiology & Advanced pharmacology relevant to critical care nursing	Gender, Human Values, Right to Health Issues, Professional Ethics	<p>Hospital associated risk factors for older adults</p> <ul style="list-style-type: none"> - Care transitions - Palliative care and end of life in critical care · Review of assessment and monitoring of the critically ill <p>Death in critical care unit: End of life care/Care of dying, care of family, organ donation</p> <p>Critical care unit set up (including types of ICU, equipment, supplies, beds and accessories, use and care of various type of monitors & ventilators, Flow sheets, supply lines and the environment)</p> <ul style="list-style-type: none"> · Personnel in ICU · Nursing staff · Doctors · Critical care technicians · Ancillary staff · Technology in critical care · Healthy work environment
	Advanced health/physical assessment	Human Values, Right to Health Issues, Professional Ethics	
	Foundations of Critical Care Nursing Practice	Human Values, Right to Health Issues, Professional Ethics	<p>Examine the nursing protocols relevant to NP practice found in various ICUS in you tertiary Centre.</p> <p>Global Health Care Challenges and Trends(Competency-1)</p> <p>Health System in India</p> <p>Health Care Delivery System inIndia – Changing Scenario</p> <p>(Competency</p> <p>Describe the legal position in India for NP practice. What is the future of nurse prescribingpolicies</p> <p>in India with relevance to these policies in other countries?</p> <ul style="list-style-type: none"> • Institutional Protocols/Standing orders for cardiac critical care emergencies <p>Regulation (accreditation of training institutions and Credentialing) & Ethical Dimensions of</p> <p>advanced nursing practice role (Competency-8)</p> <p>Nurse Practitioner – Roles, Types, Competencies, Clinical settings for practice, culturalcompetence(Competency-6)</p> <p>Training for NPs – Preceptorship(Competency-9)</p> <p>Team building, motivating and mentoring within ICU set up</p>
	Critical Care Nursing I	Gender, Human Values, Right to Health Issues,	

		Professional Ethics	
	Critical Care Nursing II	Gender, Human Values, Right to Health Issues, Professional Ethics	
M.Sc. Biotechnology	Microbiology & Immunology -I	Environment and Sustainability, Right to Health Issues	<p>➤ As a part of curriculum "Environmental Study" helps students to be aware about the basic components of Environment and their application in various fields. Institute organizes various activities like tree plantation, public awareness during community visits with the help of students. This will sensitize students to correlate the human population growth and its trend to the environmental degradation and develop the awareness about his/her role towards environmental protection.</p> <p>In the curriculum of M. Sc. Microbiology and M. Sc. Biotechnology there is inclusion of the following theory paper courses which address to environment and sustainability.</p> <p>these theory courses are</p> <ol style="list-style-type: none"> 1) Energy and fuel 2) Bioremediation 3) Waste disposal control and regulations 4) Treatment of industrial effluents and municipal waste <p>Environmental Microbiology/ environmental Biotechnology subjects focuses on scientific study on environment and factors affecting on environment.</p>
	Environmental Biotechnology	Environment and Sustainability	
M.Sc. Microbiology	Medical Microbiology & Immunology -I	Environment and Sustainability, Right to Health Issues	
	Environmental and Applied Microbiology	Environment and Sustainability	
B. Pharmacy	Human Anatomy and Physiology I and II Remedial Biology	Gender	Human Anatomy and Physiology: This subject is designed to impart fundamental knowledge on the structure and functions of the various systems of the human body. It also helps in understanding both homeostatic mechanisms. The subject provides the basic knowledge required to understand the various disciplines of pharmacy.
	Environmental Sciences	Environment and Sustainability	Environmental Sciences: This subject focuses on scientific study on environment and factors affecting on environment. The multi dimension of environment and sustainability as a cross cutting issue is carefully placed.
	Pharmaceutical Jurisprudence	Right to health Issue Professional ethics	Pharmaceutical Jurisprudence: Pharmaceutical Jurisprudence is the study of laws relating to the Pharmaceutical profession including manufacturing, import, sale or distribution of drugs. It provides the professional ethics to be followed to become a pharmacy professional.

Pathophysiology	Health Determinants	Pathophysiology : This course is designed to impart a thorough knowledge of the relevant aspects of pathology of various conditions with reference to its pharmacological applications, and understanding of basic pathophysiological mechanisms. Hence it will not only help to study the syllabus of pathology, but also to get baseline knowledge required to practice medicine safely, confidently, rationally and effectively.
Biochemistry	Health Determinants	This course focuses on complete understanding of the molecular levels of the chemical process associated with living cells, providing biochemical facts and the principles to understand metabolism of nutrient molecules in physiological and pathological conditions. It is also emphasizing on genetic organization of mammalian genome and hetero & autocatalytic functions of DNA.
Pharmacology	Health Determinants	This course is intended to impart the fundamental knowledge on various aspects (classification, mechanism of action, therapeutic effects, clinical uses, side effects and contraindications) of drugs acting on different systems of body and in addition, emphasis on the basic concepts of bioassay, infectious diseases, immuno-pharmacology and in addition, emphasis on the principles of toxicology and chronopharmacology.

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