



(MEDICAL COLLEGE & HOSPITAL)

Accredited by NAAC 'A' Grade

ISO 9001:2008 Recognised



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1.3.1 Cross Cutting Issues - List of Courses with their descriptions

Sr.No.	Cross Cutting Issues	Competancy No.	Competancies to be Acquired
1	Gender	CM10.9	Describe an'd discuss gender issues and women empowerment
		PS13.1	Enumerate and describe the magnitude and etiology of psychosexual and gender identity disorders
		PS13.2	Enumerate, elicit, describe and document clinical features in patients with magnitude and etiology of psychosexual and gender identity disorders
		PS13.3	Enumerate and describe the indications and interpret laboratory and other tests used in psychosexual and gender identity disorders
		PS13.4	Describe the treatment of psychosexual and gender identity disorders including behavioural, psychosocial and pharmacologic therapy
		PS13.5	Demonstrate family education in a patient with psychosexual and gender identity disorders in a simulated environment
		PS13.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in psychosexual and gender identity disorders

2	Environment and Sustainability	CM1.3	Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease
		CM3.1	Describe the health hazards of air, water, noise, radiation and pollution
		CM3.2	Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting
		CM3.3	Describe the aetiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases
		CM3.4	Describe the concept of solid waste, human excreta and sewage disposal
		CT2.27	Demonstrate an understanding of patient's inability to change working, living and environmental factors that influence progression of airway disease
		CT2.6	Describe the role of the environment in the cause and exacerbation of obstructive airway disease
		EN2.15	Describe the national programs for prevention of deafness, cancer, noise & environmental pollution
		FM13.1	Describe toxic pollution of environment, its medico-legal aspects & toxic hazards of occupation and industry
		IM11.4	Describe and discuss the genetic background and the influence of the environment on diabetes
		IM14.4	Describe and discuss the impact of environmental factors including eating habits, food, work, environment and physical activity on the incidence of obesity
		IM25.13	Counsel the patient and family on prevention of various infections due to environmental issues
		IM4.9	Elicit document and present a medical history that helps delineate the aetiology of fever that includes the evolution and pattern of fever, associated symptoms, immune status, comorbidities, risk factors, exposure through occupation, travel and environment and medication use
IM8.9	Elicit document and present a medical history that includes: duration and levels, symptoms, comorbidities, lifestyle, risk factors, family history, psychosocial and environmental factors, dietary assessment, previous and concomitant therapy		

		PA12.1	Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco and alcohol
		PA12.2	Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation
		PA12.3	Describe the pathogenesis of obesity and its consequences
		PA26.5	Define and describe the etiology, types, exposure, environmental influence, pathogenesis, stages, morphology, microscopic appearance and complications of Occupational lung disease
		PA26.5	Define and describe the etiology, types, exposure, environmental influence, pathogenesis, stages, morphology, microscopic appearance and complications of Occupational lung disease
		PA26.6	Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance, metastases and complications of tumors of the lung and pleura
		PA26.7	Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, morphology, microscopic appearance and complications of mesothelioma
		PE27.26	Describe the environmental measures to maintain temperature
		PH1.51	Describe occupational and environmental pesticides, food adulterants, pollutants and insect repellents
		PY11.8	Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)

3	Health Determinants	CM1.2	Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health
4	Emerging Demographic Issues	CM1.8	Describe the Demographic profile of India and discuss its impact on health
		CM2.1	Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community
		CM9.1	Define and describe the principles of Demography, Demographic cycle, Vital statistics
		CM9.2	Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates
		IM24.18	Describe the impact of the demographic changes in ageing on the population
		OG1.1	Define and discuss birth rate, maternal mortality and morbidity
		OG1.2	Define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit
		OG1.3	Define and discuss still birth and abortion
5	Professional Ethics	PH5.1	Communicate with the patient with empathy and ethics on all aspects of drug use
		FM4.1	Describe Medical Ethics and explain its historical emergence
		FM4.2	Describe the Code of Medical Ethics 2002 conduct, Etiquette and Ethics in medical practice and unethical practices & the dichotomy
		FM4.7	Describe and discuss the ethics related to HIV patients
		FM4.16	Describe and discuss Bioethics
		SU8.1	Describe the principles of Ethics as it pertains to General Surgery
		SU8.2	Demonstrate Professionalism and empathy to the patient undergoing General Surgery
		SU8.3	Discuss Medico-legal issues in surgical practice
		IM26.25	Demonstrate responsibility and work ethics while working in the health care team
		AS1.3	Enumerate and describe the principle of ethics as it relates to Anaesthesiology

Note: CM-Community Medicine, PS-Psychiatry, CT-Chest & TB, FM-Forensic Medicine, EN-Ear, Nose & Throat, IM-Internal Medicine, PA-Pathology, PE-Pediatrics, PH-Pharmacology, PY-Physiology, OG-Obstetrics & Gynaecology, SU-Surgery, AS-Anaesthesiology


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