PEOPLE'S COLLEGE OF MEDICAL SCIENCES & RESEARCH CENTRE, BHANPUR, BHOPAL

UNDERGRADUATE COURSE

MBBS: ANATOMY

Program outcomes	At the end of the course the student shall be able to: (a) Comprehend the normal disposition, clinically relevant interrelationships, functional and cross sectional anatomy of the various structures in the body; (b) Identify the microscopic structure and correlate elementary ultra structure of various organs and tissues and correlate the structure with the functions as a prerequisite for understanding the altered state in various disease processes; (c) Comprehend the basic structure and connections of the central nervous system to analyze the integrative and regulative functions of the organs and systems. He/She shall be able to locate the site of gross lesions according to the deficits encountered. (d) Demonstrate knowledge of the basic principles and sequential development of the organs and systems; recognize the clinical stages of development and the effects of common teratogens. He/She shall be able to explain the developmental basis of the major variations and abnormalities. (e)Identify and locate all the structures of the body and mark the topography of the living anatomy. Identify the organs and tissues under the microscope; Understand the principles of karyotyping and identify the gross congenital anomalies; Understand the principles of newer imaging techniques like Ultra sound, Computerised Tomography Scan, Interpretation of plain and contrast X – rays. Understand clinical basis of some common clinical procedures i.e. intramuscular and intravenous injection, lumbar puncture, kidney biopsy etc
Program specific outcomes	• Identify and locate all the structures of the body and mark the topography of the living anatomy. • Identify the organs and tissues under the microscope;

	• Understand the principles of karyotyping and identify the gross congenital anomalies. • Understand the principles of newer imaging techniques like Ultra sound, Computerised Tomography Scan, Interpretation of plain and contrast X – rays. • Understand clinical basis of some common clinical procedures i.e.intramuscular and intravenous injection, lumbar puncture, kidney biopsy etc
Course outcomes	At the end of the course the student should have a comprehensive knowledge of the gross and microscopic structure and development of human body to provide a basis for understanding the clinical correlation of organs of structures involved and the anatomical basis for the disease presentations.

Chairman
Board of Studies
PCMS & RC

Dean
PCMS & RC

Course Name: M.D. ANATOMY

Program outcomes	A Student upon successfully qualifying in the M.D (Anatomy) Examinations should be able to: • Be a competent anatomist. • Teach the undergraduate students-gross anatomy, radiological anatomy, embryology, histology, neuroanatomy and elementary genetics. • Assess the students understanding of the anatomy • Assess the undergraduate programmes. Plan and modify the undergraduate curriculum. • Prepare the tissues for light microscopic study. • Embalm a cadaver. • Design Gross Anatomy and Histology laboratories for teaching undergraduate and postgraduate students of anatomy. • Plan and implement research programme. • Undertake histomorphometric studies.
Program specific outcomes	• Is aware of contemporary advances and developments in the field of Anatomy. • Has acquired the competencies pertaining to the subject of Anatomy that are required to be practiced at all levels of health system. • Is able to discharge responsibilities and participate in National Health Education Programme. • Is oriented to the principles of research methodology. • Has acquired skills in educating medical and paramedical professionals. • Has acquired skills in effectively communicating with the students and colleagues from various medical and paramedical fields.

	• Has acquired skills of integrating anatomy with other disciplines as and when needed. • Has acquired qualities of a good teacher capable of innovations in teaching methodology. • Has been able to demonstrate adequate management skills to function as an effective leader of the team engaged in teaching and research
Course outcomes	• At the end of the course the student, after undergoing the training, should be able to deal effectively with the needs of the medical community and should be competent to handle all problems related to the specialty of Anatomy and recent advances in the subject. The post graduate student should also acquire skills in teaching anatomy to medical and paramedical students and be able to integrate teaching of Anatomy with other relevant subjects, while being aware of her/his limitations.

Chairman
Board of Studies
PCMS & RC

Dean
PCMS & RC