



BLDE

(DEEMED TO BE UNIVERSITY)

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The Constituent College

SHRI. B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA

M.Sc. MEDICAL HUMAN ANATOMY

Goal:

To train a graduate to be competent Anatomist with comprehensive knowledge of the gross and microscopic structure and Development of human body to provide anatomical basis of diseases and clinical conditions and be a competent teacher in Anatomy capable of conducting quality research.

Objectives:

A. Knowledge:

At the end of the course student shall be able to:

1. Understand the normal disposition, functional and cross sectional anatomy of various structures of the body and body and its clinical relevance.
2. Identify the microscopic structure of various organs and tissue and comprehend their functions in order to understand the alterations in various disease processes Comprehend functional organizations of central nervous system and interpret various signs and Symptoms presented as neurological deficit so that he/she may confidently make a diagnosis.
3. Demonstrate basic concepts of development of organs and tissues, explain the effect of teratogens, environmental factors and genetic mutations on critical stages of development.

B. Skills

At the end of the course the student shall be able to:

1. Identify and locate all the structures of the body and mark the topography of the living anatomy.
2. Identify the organs and tissues under the microscope.
3. Understand the principles of karyotyping and identify the gross congenital anomalies.
4. Understand principles of newer imaging techniques and interpretation of CT scan. Sonogram USG etc.


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5. Understand clinical basis of some common clinical procedures ie. Intramuscular an intravenous injection, lumbar puncture and kidney biopsy etc.
6. Capable of teaching undergraduates and paramedical workers.
7. Conduct research in Anatomy with basic knowledge in research methodology.

C. Integrated teaching:

From the integrated teaching of other basic sciences, student shall be able to correlate the structure and functions of the body in order to provide anatomical basis for various disease process.