

**AmbujaNeotia**



**THE NEOTIA  
UNIVERSITY**

ज्ञानम् आत्म प्रदीपाय

UGC Enlisted & Recognised

**Department of Physiotherapy**

**School of Health Science**

**Bachelor of Physiotherapy**

**(BPT)**

***Anatomy II***

***Practical Manual***

***Course Code: BPT 271***

# Certificate

This is to certify that Mr./Ms. .... with  
UID number ..... of Bachelor of  
Physiotherapy Semester 2nd has satisfactorily completed the practical prescribed  
by the Neotia University for the year .....

.....  
Signature of Student

.....  
Signature of Faculty

Date of Submission:

The Neotia University

**Practical Manual**  
**Anatomy I Course Code-271**

SL no	Items of the Practical Anatomy:
1	Demonstration of dissected parts: Thoracic viscera( Heart,Lungs),Abdominal viscera ( Liver,stomach, Pancreas ,spleen,Kidney, Uterus,Urinary Bladder, Smal I& large intestine),Head,Neck & Brain(Brain,Pharynx,Larynx,Tongue,Eye,muscles of neck)
2	Demonstration of skeleton: Articulated and Nonarticulated skeleton of Head & Spine i.e . Axial skeleton(Cranial bones ,vertebra, Ribs ,sternum) with clinical importance. More emphasis will be given on study of bones with joints & muscles with their origin,insertion. nerve supply ,action with clinical importance.
3	Surface anatomy: Heart,Lungs, Liver,stomach, Pancreas ,spleen,Kidney,Neck vein ( Internal Jugular vein), , Carotid artery, Facial artery, Frontal and Maxillary air sinus.
4	Points of Palpation: Carotid artery & Jugular venous pulsation, Position of trachea,Neck gland palpation,Apical impulse,/Apex beat,Movement of Chest, Abdominal organ,Renal angle.
5	Examination of Nervous system: (1)Sensory system-Touch,pain,Temperature,Jt.sense, Muscle sense,vibration sense;(2)Motor system:Test for muscle power individually with the nerve supply by asking the patient to undertake a movement involving the action of the muscles under examination while actively resisting it –for gradation of degree of weakness of a particular muscle ( Grade-0,I,II,III,IV,V)specially muscles of upper & lower extremity ,muscle involved with back & lumbosacral region.,(3)Examination of 12 cranial Nerves to detect the site & severity of lesion to decide physiotherapeutic measure.
6	Microanatomy: Histology of Lung, Liver, Spleen, Kidney ,Pancreas, Thyroid gland, Testis ,Ovary, Brain ,Spinal cord
7	Radiological study: Study of X-ray chest(PA view) , X-ray KUB,Cervical Spine, Lumbo sacral spine,Paranasal air sinuses, X-ray skull,TM Joint for proper assessment of the case to decide plan of physiotherapy for the patient in question.
8	

Reference book: Cunningham's manual of Practical Anatomy , Volume I,II,& III.

NB: All students and teachers must wear an apron, mask ,gloves, and sanitise shoe in sanitary lotion or use separate shoes before entry in the laboratory . Strictly maintain social distance(6 ft. apart from each other ) .Bags are not allowed. Use individual instrument after sanitization (Don't share it with other ) .