

4. Pre-Clinical Science Lab/ Anatomy Lab The pre clinical science laboratory is designed with the purpose of helping the students to acquire knowledge of the normal structure and function of various human body systems and to identify any deviation from normal health in order to render effective nursing care. The aim of the laboratory is to educate the students to understand the normal body parts with use of models; specimens etc. and to co relate its function. This will enhance the student's ability to understand the various disease conditions. The pre clinical science lab consist of all the equipment such as adult human articulated skeleton, adult skull, pelvic, heart with large blood vessels, eye with different section, ear with different section, full set of dis articulated adult human skeleton, specimen like face, small and large intestine, skin, heart, liver and different charts of all the systems. The lab is well furnished in such a way that the students are able to acquire their knowledge through their different demonstration

Pre clinical Science laboratory is designed to enable the students to acquire Knowledge of the Anatomical Structure& Functions, Biochemical Composition and its alteration of the Human Body Systems. This Lab also provides the opportunity for the students to identify the Micro-organism and practicing infection control methods. The Nursing Students are utilizing the Pre clinical Science laboratory (Anatomy, Physiology, Microbiology, Biochemistry, and Pathology) from our own parental Medical College &Hospital. The student witness the dissection of human cadaver, learn various specimens, skeleton, disarticulated bones etc. The students learn how to handle microscope and see the morphology of microbial pathogens.

<b>S.No</b>	<b>LIST OF ARTICLES</b>
1	Adult human articulated skeleton
2	Skeleton with arteries and veins
3	Spinal cord with inetrvertebral disc articulated
4	Adult human skull
5	Human brain model
6	Heart and large blood vessels
7	Digestive system
8	Female reproductive system
9	Male reproductive system
10	Urinary system

# PRE CLINICAL LAB

## INTRODUCTION:

Pre-clinical laboratory is a place that is equipped with different instrument and mannequin related to the nursing procedure and practice for experimental work, pre-clinical lab is well equipped with models, instruments, specimens and subject related all charts.

## AIM:

To improve the knowledge of the student related to subject in our nursing

Ex. Anatomy and physiology, Fundamental of nursing, medical surgical nursing, child health nursing, OBGY nursing, and community health nursing

## OBJECTIVE:

- All student understand the general anatomy and physiology of human body
- To understand the anatomical and physiological systems and function related knowledge to all student
- To understand the all nursing procedure related to disease condition and how its acts on the patient.

## OUR FACILITIES:

- In our institute pre-clinical lab is 900sq.m we provided all equipment related to subject
- We provided anatomy and physiology models and chart for better understanding
- For clinical practice we also provided ventilator model, bi-pap models, and all types of equipment
- We provided good ventilated and good lighting room for practicing.
- We provided various chart related to subject
- To provide slides according to all subject topics.