

DEPARTMENT OF RACHANA SHARIRA (ANATOMY) LABORATORY

1. INTRODUCTION AND BRIEF DESCRIPTION OF THE LABORATORY

The Department of Rachana Sharira (Anatomy) is one of the fundamental departments of Ayurvedic medical education. The department is dedicated to the study and teaching of human anatomy in both modern and Ayurvedic perspectives. It provides theoretical and practical knowledge regarding the structure of the human body through dissection videos, osteology, histology, embryology, and radiological anatomy.

The laboratory of Rachana Sharira is designed to provide undergraduate students and faculty members with hands-on learning experiences. The department aims to develop a clear understanding of anatomical structures and their clinical importance. Practical teaching is conducted through models, charts, specimens, bones, microscopes, histology slides, and audiovisual aids.

The department also supports research activities related to anatomical studies, anatomical variations, educational innovations, and interdisciplinary research in Ayurveda and modern anatomy.

2. AVAILABLE INFRASTRUCTURE AND FACILITIES

The Department of Rachana Sharira is equipped with the following infrastructure and facilities:

Spacious and well-ventilated dissection hall

Demonstration room with audiovisual teaching aids

Histology laboratory with microscopes and prepared slides

Osteology section with complete sets of human bones and articulated skeletons

Museum containing preserved specimens, charts, and anatomical models

Faculty rooms and departmental office

Research and seminar facilities

Storage room for specimens and instruments

Computer and internet facilities for academic purposes

LCD projector and smart teaching facilities

Adequate lighting, water supply, and sanitation facilities

3. LIST OF INSTRUMENTS AND EQUIPMENT AVAILABLE IN THE LABORATORY

Dissection Hall Equipment

Dissection tables

Dissection instruments set

Preserved specimens

Gloves, masks, and protective equipment

Cadaver storage facilities

Osteology Section

Articulated skeletons

Individual human bones

Skull sets

Vertebral column models

Histology Laboratory
Compound microscopes
Histology slides
Slide boxes and staining jars
Museum and Teaching Aids
Anatomical charts
3D anatomical models
Embryology models
Organ specimens
Radiological images and X-rays
LCD projector
Whiteboard and digital teaching aids
Research Facilities
Computer with internet access
Research reference books and journals
Seminar presentation facilities

4. PRACTICAL AND RESEARCH-RELATED FACILITIES AVAILABLE FOR UNDERGRADUATE STUDENTS AND FACULTY MEMBERS

The department provides extensive practical and research-oriented training for undergraduate students and faculty members, including:

Practical Facilities for Students
Human anatomy dissection demonstrations
Osteology practical sessions
Histology slide identification and microscopy
Surface anatomy demonstrations
Radiological anatomy learning
Specimen identification and viva practice
Model-based anatomical learning
Research Facilities for Faculty and Students
Anatomical specimen study
Histological research work
Preparation of teaching models and charts
Seminar and workshop participation
Guidance for student research projects
Interdisciplinary research activities
Academic Activities Conducted in the Laboratory
Regular practical classes
Demonstrations and tutorials
Seminars and presentations
Quiz competitions and viva sessions
Research discussions and workshops
Clinical anatomy correlation sessions



