

# ANATOMY

## B. INFRASTRUCTURE OF THE DEPARTMENT:

### a. Details of Laboratories in the Department:

Nomenclature	Dissection Hall	Histology Lab.	Genetic Lab	Embryology	Neuro-Anatomy	Research labs	Morphometry Lab
Available/ Not Available	Available	Available	Available	Available	Available	Available	Not Available
Size (Area)	420 square meters	210 square meters	39 square meters	200 square meters	200 square meters	49 square meters	49 square meters
Capacity	250	60	10	15	15	10	10
Water Supply	Available	Available	Available	Available	Available	Available	Available
Sinks	16	2	2	1	1	2	1
Electric points	Available	Available	Available	Available	Available	Available	Available

### b. Equipment:

Equipment	Numbers Available	Important Specifications in brief
Microscopes	250	Monocular compound microscope model Magnus Mlxm Plus freedom
Special Microscopes	5	Trinocular Labomed -1 Binocular Labomed -4
Microscopes with camera	1	Trinocular Labomed-1
General and Special Stained Histology Slides	5000 60 Special	PAS VERHOEFFS
Computers with Printers	2	Intel Core i5
Reagents for Tissue Processing	3	-
Embalming Machines and Reagents per Embalming	1	EM 15 (Spean)
Equipment and Reagents for Karyotyping/ Chromosome Analysis	3	1. Co2 Incubator 2. Laminar Air Flow 3. Olympus Make with Genesis Software attached Binocular Microscope
Histology Special Stains	2	PAS VERHOEFFS
separate head and neck bone like ethmoid,	30	Skull 15 Mandible 15

Equipment	Numbers Available	Important Specifications in brief
sphenoid bones		
Separate Bones of Hand And Foot	50	Humors 15 Femur 20 Radius 15
Developing Embryo slides	10	
Specially Stained Histology Slides	12	PAS
Meat (Body) Cutting machine	2	Electrical

**c. Dissection Hall:**

- a) Number of large tables: 28nos
- b) Number of small tables: 02nos
- c) Number of cadavers 25 cadavers
  - average per day in a year: 25 cadavers
- d) Cooling chamber (mortuary for minimum 4 bodies): Yes
- e) Embalming room: Yes
- f) Ventilation of dissection hall: Adequate
- g) Exhaust Fans in hall: Yes
- h) Exhaust Fans in Embalming Room: Yes
- i) Adequate no. of wash basins: Yes
- j) Projector Screen for teaching: Yes
- k) Cupboards and storage cabinets for instruments: Yes
- l) Proper drainage facility in hall: Yes
- m) 3D Virtual Dissection Table: Yes

**Tank capacity:**

Tank 1	25 cadaver Size 7X5X4 feet
Tank 2	15 cadaver Size-7X2.5X4feet
Tank 3	15 cadaver Size-7X2.5X4feet
Tank 4	15 cadaver Size-7X2.5X4feet
Tank 5	15 cadaver Size-7X2.5X4feet

- o) Agents used other than Formaldehyde

**d. Departmental Museum:**

Space	200 Sqmtrs
Total number of Specimens	414
Total number of Chart/ Diagrams	16
Total Number of Skeletons Articulated	08
Ones (Dis-articulated sets)	106
Imaging Sections	150
Catalogues	10

**e. Facilities for Practical/Research.**

- Facilities for theory and practical classes for UG students as per NMC recommendations: **Yes**
- Facilities to carry out additional classes and practical at PG level: **Yes**
- Laboratories and other facilities for conducting research: adequate/ not adequate: **Yes**
- Lecture Hall
  - seating capacity (should be 10% more than max students): **Yes**
  - Podium: **Yes**
  - Audio-Visual equipment: **Yes**
  - Air conditioning: **Yes**
  - Mike and Sound system: **Yes**
  - Computer system for pen drives: **Yes**

**f. Department office details:**

Department Office	
Department office	Available
Staff (Steno /Clerk)	Available
Computer and related Office equipment	Available
Storage space for files	Available

Office Space for Teaching Faculty/Residents	
Faculty	Available
Head of the Department	Available
Professors	Available
Associate Professors	Available
Assistant Professor	Available
Senior Residents Room	Available
PG Room	Available

- g. Seminar Room** :
- Space and facility : **Adequate**
- Internet facility : **Available**