



LIST OF CLINICAL SKILL MODELS

SL NO	LIST OF CLINICAL SKILL MODELS and CLINICAL SKILL SIMULATION CENTRE/FACILITY/LAB	LEGENDS/DESCRIPTION
DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS		
1.	NEMOCEPH	Nemoceph is a software used to predict the treatment outcomes, cephalometric tracings etc.
2.	TYPHODONT MODELS	Typhodont models are used to practice bonding, beggs exercises and other biomechanics
3.	MODELS FOR LEARNING	Models with headgears
4.	WIRE BENDING MODELS AND APPLIANCES	Tooth models with various appliances
5.	EDUCATIONAL BOARDS	Educational boards on various subjects
DEPARTMENT OF PROSTHODONTICS, CROWN AND BRIDGE		
1.	PRE-CLINICAL LAB ON PHANTOM HEADS	UG and PG pre-clinical laboratory with phantom heads which are used to practice chair side positions and tooth preparation procedures on extracted teeth and Typhodonts
2.	TYPHODONT JAW SET	Demonstration of tooth preparation procedures on Typhodonts
3.	INLAY CAVITY PREPARATION AND CROWNS ON TYPHODONT	demonstration of tooth preparation - inlay, onlays and different types of preparation and restorations (crowns)
4.	PRE-CLINICAL ON MODELS	Demonstration of Anatomical Landmarks painting, Demonstration and fabrication Mounting Of Denture Base, Occlusal Rims, Master Cast On Articulators, Teeth Arrangement, Heat Cured Denture Base, Re-Mounting Of Master Cast With Processed Dentures On Articulators,
DEPARTMENT OF CONSERVATIVE AND ENDODONTICS		
1.	PRE-CLINICAL LAB	UG and PG pre-clinical laboratory with phantom heads which are used to practice chair side positions and restorative dentistry and endodontic procedures on extracted teeth and Typhodonts
2.	TYPHODONT JAW SET	Models used for pre-clinical restorative dentistry procedures


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3.	AMALGAM AND INLAY CAVITY PREPARATION AND RESTORATIONS ON TYPHODONTS	Typhodont teeth with prepared cavity preparation and restorations for demonstration
4.	RADIOVISIOGRAPHY (RVG)	Intra Oral Direct Digital Radiograph
5.	INTRA ORAL CAMERA	Patient education and demonstration
DEPARTMENT OF PERIODONTOLOGY		
1.	TYPHODONT SET	For preclinical exercise in Scaling and suturing
2.	SUTURING PILLOW AND MCINTOSH MODEL	For preclinical exercise in suturing
3.	VAN PERIO STEREOLITHIC MODEL	For 3D simulation of periodontal defects
4.	MODEL CAST FOR SPLINTING EXERCISE AND OCCLUSAL GUARD	
5.	MODELS FOR SOFT TISSUE PATHOLOGY	Models to demonstrate soft tissue defects
6.	MODELS FOR HARD TISSUE PATHOLOGY	Models to demonstrate hard tissue defects
DEPARTMENT OF ORAL PATHOLOGY		
1.	CAST MODEL TOOTH SPECIMEN	To identify developmental disturbance of both hard tissue and soft tissue. Ex: dilaceration, concrescence, gingival enlargement.
2.	BIOPSY SPECIMEN	Helps students to understand gross picture of tumors.
DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY		
1.	SUTURING PILLOW	To teach suturing techniques and principals of suturing to ug and pg students
2.	CASTS FOR INTERDENTAL WIRING	To help students understand and practice various internal wiring techniques
3.	EDUCATIONAL BOARDS	Department consists of educational Informative boards on extraction, chair position, impaction, TMJ and orthognathic surgeries to stimulate learning
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY		
1.	TRANSCUTANEOUS ELECTRIC NERVE STIMULATION (TENS)	Treatment of facial myalgia
2.	RADIOVISIOGRAPHY (RVG)	Intra Oral Direct Digital Radiograph
3.	SMOKE ANALYZER	Patient education and demonstration To mea-sure the Carbon monoxide level in the body

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4.	ORTHOPANTOMOGRAM (OPG)	Extra oral Radiograph
5.	PHOTOSTIMULABLE PHOSPHOR(PSP)	Intra Oral Indirect Digital Radiograph
6.	INTRA ORAL CAMERA	Patient education and demonstration
7.	CBCT	3d imaging
DEPARTMENT: GENERAL PATHOLOGY & MICROBIOLOGY		
1.	PRE-CLINICAL LAB	UG and PG pre-clinical laboratory with major equipments like Autoclave, hotair oven, incubator
2.	HISTOPATHOLOGY & GRAM STAINING CHARTS	Charts used for clinical diagnosis
3.	PATHOLOGICAL SPECIMENS & CULTURE MEDIA	Pathological specimens & Culture media for demonstration
DEPARTMENT OF PHYSIOLOGY AND BIOCHEMISYTRY		
1.	PRE-CLINICAL LAB	UG and PG pre-clinical laboratory with major equipment like Sphygmomanometer, Calorimeter
2.	BIOCHEMICAL CHARTS & MODELS	Charts used for pre-clinical interpretation
3.	HAEMOCYTOMETER & DISTILLATION UNIT	Hemocytometer & Distillation water unit for purification of liquids and solvents.
DEPARTMENT OF PHARMACOLOGY		
1.	PRE-CLINICAL LAB	UG and PG pre-clinical laboratory with major equipment like Analytical weighing balance.
2.	MORTAR & PESTLE	Motor and pestle are used to combine different constituents together and to extract fine powder from crystalline compounds
3.	ANTIBIOTICS	Pharmaceutical drugs to enhance the understanding and exposure of students to different drugs and indications for the same.
DEPARTMENT OF ANATOMY		
1.	PRE-CLINICAL LAB	UG and PG pre-clinical laboratory with head and neck cadaver specimens
2.	SKELETON	Skeleton is used to demonstrate various bones

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3.	ANATOMICAL SPECIMENS & CHARTS	Anatomical specimens & charts to enhance the understanding and exposure of students to different organs & identifications for the same.
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DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY

1.	CARVING AREA	To teach the students to carve the tooth form on wax blocks
2.	DEMONSTRATION ON TYPHODONTS FOR UG STUDENTS	Demonstrations of tooth preparation is given on typhodont models to better understand the anatomy of deciduous teeth
3.	DEPARTMENT MUSEUM	Various educational boards and charts are maintained to help better understanding of the subject to the students

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

1.	EDUCATIONAL BOARDS	Department consists of educational Informative boards on tobacco cessation, oral manifestation of Systemic diseases, developmental disorders and various treatment procedures
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