



Summary:

Basic Medical Science Practical Laboratory : Well-equipped practical Laboratories are available in all basic medical science departments to create a platform for understanding the basic concepts of subjects like Anatomy, Physiology, Biochemistry, Pharmacology, Pathology and Microbiology.

Dental Anatomy and Histology: A well-equipped museum with an extensive collection of specimens helps to give students a broader perspective in both normal anatomy and various pathologies. Besides this, the department has an elaborate collection of slides which encompasses the entire pathologic spectrum. Pre-clinical conservative phantom head tables with accessories are present for the simulation training of the pre-clinical student on various treatment procedures. All the units are equipped with airtor and micro motor control so that the students can be trained in high speed as well.

Pre-clinical prosthodontics Furnished with a seating capacity of 100 and individual gas connection and compressor lines and electrical connection, the students work under the supervision of faculties. The Dry-lab has lathes and trimming facilities and the wet lab has model trimmers operated in wet condition and provision to manipulate dental materials for the fabrication of casts, models and dentures.


First-Year Curriculum

Anatomy denotes the structural organization of the body. The subject is taught by a combination of lectures, tutorials and cadaveric dissections. The learning hours Theory: 12 hrs a month Practical: 8hrs a month.

Physiology presents a combined view of physiological mechanism & physiological systems, discusses the oral importance of basic physiology. The learning hours Theory: 12 hrs a month Practical: 8hrs a month.

Biochemistry provides a combined view of whole-body metabolism and importance of Biochemistry in dental sciences. The learning hours Theory: 12 hrs a month Practical: 8hrs a month.

Dental anatomy, Dental Histology with Embryology is a very important basic science which lays the foundation for all clinical and preclinical subjects. The students are updated with detailed information on development, structure and functions of teeth and surrounding tissues. The learning hours Theory: 12 hrs a month Practical: 8hrs a month.


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Second-Year Curriculum

Pharmacology: Pharmacology is the science of drug action on biological systems. To educate Knowledge of the sources, chemical properties, biological effects and therapeutic uses of drugs. The learning hours Theory: 4 hrs a month Practical: 8hrs a month.


Microbiology: Students get an in-depth knowledge of the various infections in man. They also practice the basic techniques in diagnostic Microbiology like Gram staining, Acid fast staining, culture methods, identification tests, sterilization & disinfection The learning hours Theory: 8 hrs a month Practical: 8hrs a month.

General pathology: This subject includes General Pathology (deals with general principles of the disease), Clinical Pathology & Systemic Pathology (includes study of diseases pertaining to specific organs & body systems) The learning hours Theory: 8 hrs a month Practical: 8hrs a month.

Dental Materials, a core subject in dentistry is taught to get an insight of material studies used in various branch of clinical dental practice. In the 1st and 2nd BDS, the laboratory skill to acquire expertise in handling material science and the clinical acumen is achieved by training students. The learning hours Theory: 8 hrs a month Practical: 16hrs a month.

Pre-clinical conservative: The curriculum focuses on the laboratory training regarding tooth preparations for restorations with different restorative materials in simulated phantom head models with ivory teeth. The training is substantiated with didactic lectures on the same topics. The learning hours Practical: 20 hrs a month.

Pre-clinical prosthodontics: Prosthetic Dentistry is concerned with the replacement of teeth and other structures of the oral cavity. The curriculum focuses on laboratory training regarding various methods of impression, teeth arrangement, students are taught on models. During this period, the students also get trained in various laboratory procedures. The learning hours Practical: 16 hrs a month.


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ANATOMY

In anatomy students will be learning in detail about dissection of scalp, face, anterior & posterior triangle of neck, deep dissections of neck parotid region, infra temporal fossa, sub mandibular region. Also in surface anatomy students will learn about sinus, arteries, salivary glands, palatine tonsils. In radiological anatomy students will learn anteroposterior and lateral views of head and neck. In histology students will learn about epitheliums, collagen fibers, tendons, muscles, skin etc. All students are guided with highly qualified staff.



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DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

In dental anatomy students will be learning about carving on wax blocks in which they will be doing cube, rectangles, cone and cylinders as well as they will be doing individual tooth permanent maxillary and mandibular arches such as centrals, laterals, canines, premolars and molars.

In histology students will learn about development of tooth, enamel, dentin, cementum, pulp, periodontal ligament, alveolar bone, salivary glands, oral mucous membrane, Tmj. Were students are seen under microscopy and draw in their notebooks for their education later they are guided to know in detail about each and every histology slide which they noted. All students are divided in to groups and taken care by individual staff.



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DENTAL MATERIALS

In dental materials each student will learn about how to manipulate gypsum material by making cubes, squares, triangles. Students were shown how to manipulate impression materials such as alginate, zinc oxide eugenol, And also they learn about making impressions and their setting time and defects. Later each student is taken care by individual staff.

I BDS PRE-CLINICAL - PROSTHODONTICS & CROWN BRIDGE

In pre-clinical prosthodontics 1st BDS students are trained in preparation of special trays, temporary and permanent denture base material, occlusal rims, articulation of occlusal rims, arrangement of teeth, processing of complete denture. Before doing each and every preparation students were given the knowledge about each preparation. Later students are individually monitored and corrected their pre-clinical work individually.



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II BDS PRE-CLINICAL PROSTHODONTICS

In pre-clinical prosthodontics for II BDS students will learn about teeth arrangement of maxillary and mandibular arch. Surveying of partially edentulous models and preparing modified master cast. Preparation of plaster models of various preparations of teeth to receive retainers for fpd. Prepare wax pattern for minimum of 3 unit fpd and investing, casting and porcelain facing. For each 8 students were taken.



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II BDS PRE CLINICAL – CONSERVATIVE DENTISTRY & ENDODONTICS

In preclinical practical exercise students will be making 6 cubes with plaster of Paris. And preparation of geometric cavities in cubes. Students will make tooth models in plaster of Paris of cavity and restoration with modeling wax of incisors, pre molar, and molars. After finishing models with plaster of Paris. Cavity preparation on typhodont and natural tooth. Cavity preparation such has CLASS I, CLASS II, CLASS III, CLASS V in both anterior and posterior teeth and inlay preparation of class I, class II, class v and prepare wax pattern. Students are demonstrated in cuspal preparation, pulp capping, pulpotomy and root canal access opening in extracted tooth. And also demonstrate light curing composite and glass ionomer0 cement.



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1st MDS PRE-CLINICAL PROSTHODONTICS CROWN AND BRIDGE

In 1st MDS pre-clinical prosthodontics students will be doing fabrication of maxillary and mandibular complete dentures of class I, class II, class III A and class III B. tooth preparation of all ceramic, all metal, pfm, veneer, resin cemented preparation done in prosthodontics. In CPD they will do fabrication of wax pattern, surveying of cast of maxillary and mandibular arch's and fabrication of metal frame work. Student will learn about implant placement in edentulous cast. Student will be learning about maxillofacial prosthesis of eye, ear, nose, and finger.



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COMPLETE DENTURES

PRE-CLINICAL EXERCISES

| S.No | EXERCISES | SIGNATURE |
|------------------------------------|---|-----------|
| 1. | Recording of preliminary impression using impression compound | |
| | a) Maxilla | |
| | b) Mandible | |
| 2. | Beading and boxing of | |
| | a) Maxilla | |
| | b) Mandible | |
| 3. | Fabrication of preliminary cast | |
| | a) Inversion method | |
| | b) Beading and boxing method | |
| 4. | Designing and fabrication of special tray using acrylic tray compound with wax spacer on preliminary cast | |
| | a) Boucher's method | |
| | -Maxilla | |
| | -Mandible | |
| | b) Rudd & Morrow method | |
| | -Maxilla | |
| | -Mandible | |
| | c) Sharry method | |
| | -Maxilla | |
| | -Mandible | |
| | d) Levin method | |
| | -Maxilla | |
| | -Mandible | |
| e) Neill method | | |
| -Maxilla | | |
| -Mandible | | |
| f) Mac gregor method | | |
| -Maxilla | | |
| -Mandible | | |
| g) Mushroom spacer(partial spacer) | | |
| 5. | Fabrication of special tray using shellac base : | |
| | a)Maxilla | |
| | b)Mandible | |
| 6. | Painting of anatomical landmarks: | |
| | a)Maxilla | |
| | b)Mandible | |



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|-----|---|--|
| 7. | Fabrication of Maxillary and mandibular temporary denture base using self cure acrylic. a)Set 1 b)Set 2 c)Set 3 d)Set 4 | |
| 8. | Fabrication of permanent denture base using heat cure acrylic. | |
| 9. | Fabrication of maxillary and mandibular occlusal rims a)Set 1 b)Set 2 c)Set 3 d)Set 4 | |
| 10. | Arrangement of acrylic teeth in class-I relation a)Wax up, festooning and polishing | |
| 11. | Arrangement of acrylic teeth in class-II relation a)Wax up ,festooning and polishing | |
| 12. | Arrangement of acrylic teeth in class-III relation (Type A) a)Wax up ,festooning and polishing | |
| 13. | Arrangement of acrylic teeth in class-III relation(Type B) a)Wax up ,festooning and polishing | |
| 14. | Acrylization of complete denture in class-I relation | |



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1ST MDS 2021 -2024
DEPARTMENT OF PROSTHODONTICS CROWN AND
BRIDGE

| | |
|---|-------------------------------|
| 1 | DR.ASHIQ AJIT |
| 2 | DR.JESSICA CAROLCORREYA |
| 3 | DR.MOHAMMED SADIQ KAZI |
| 4 | DR.PATTU POGULA ANUSHA |
| 5 | DR.SNEHA B KOLA |
| 6 | DR.NANDINI R |
| 7 | DR.VIVEK JYOTHISH |
| 8 | DR.PALISSETTY JAHNAVI SAI SRI |

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I YEAR BDS PROVISIONAL LIST 2021-22
Classes commenced from 21.04.2022

| SI NO | Name |
|-------|--------------------------|
| 1 | A R DIVYA |
| 2 | AAKANKSHA PANDIT |
| 3 | AAMINA SHARIFF |
| 4 | ANKURIMA SAIKIA |
| 5 | ANOOPRAJ K N |
| 6 | ASTAL TANIA |
| 7 | ASWATHY MURALIDHARAN |
| 8 | BHAGYASHREE |
| 9 | BHOOMIKA D |
| 10 | BIDISHA RAY |
| 11 | CHAITHANYA S |
| 12 | CHARITH PALAGANI |
| 13 | DRUVA SANJAY KOMBENNAVAR |
| 14 | GOWTHAMI R |
| 15 | GYANPARASH BHUYAN |
| 16 | HARICHANDANA M |
| 17 | JALEESHA R KUMAR |
| 18 | KAKALI BAISHYA |
| 19 | KHANSAHAB DADAPEER |
| 20 | KRISHNA MANDAL |
| 21 | KRISTI BHARADWAJ |
| 22 | KUSUM G |
| 23 | LALLAWMKIMI KHIANGTE |
| 24 | LAXMI S JOGIHALLI |
| 25 | MADHUMITA HIREMATH |
| 26 | MARELLA INDU VARSHINI |
| 27 | MD ADIL AFROZ BADGAN |

| | |
|----|---------------------------|
| 28 | MIR SARDAR ALI |
| 29 | MURALI A |
| 30 | NAMRATA DAS |
| 31 | NUZHA AJAZ |
| 32 | OBED DAVID D |
| 33 | PAVANA M |
| 34 | POOJA PRIYA K |
| 35 | RADHIKA |
| 36 | SHARON CHRISTINA S |
| 37 | SHASHANK K M |
| 38 | SHRAVYA L |
| 39 | SHREYA CS |
| 40 | SHRUNGA D P |
| 41 | SIDDHI RAVINDRA KADAM |
| 42 | SONIYA U |
| 43 | SUHANI CHHABRA |
| 44 | SUMAN KUMARI |
| 45 | SUSHMITHA S |
| 46 | SYED IMADUDDIN QUADRI |
| 47 | TAHASEEN LADABHAYI KORABU |
| 48 | TAHITI PATRA |
| 49 | TANNU SINGH |
| 50 | TRISHA B |
| 51 | VAISHNAVI R KALLAPUR |
| 52 | VARSHA S |
| 53 | VYSHAK S |
| 54 | YASHIKA DINAKARAN |
| 55 | YEPURI POOJITHA LAKSHMI |

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BOMMANAHALLI, HOSUR ROAD, BANGALORE
ELIGIBILITY LIST FOR II YEAR BDS (2021-22 ODD BATCH)
Result announced on 25.04.2022
Classes will be Commencing from 02.05.2022

| Sl No | Reg No. | Student Name | |
|-------|---------|--------------------|--|
| 1 | 19D0438 | NIVEDHITHA R | |
| 2 | 20D1945 | AKASH B GEORGE | |
| 3 | 20D1958 | BLAIZE BENNY | |
| 4 | 20D1981 | MINHAZ WAMIM AHMED | |
| 5 | 20D1987 | NAZMIN SULTANA | |
| 6 | 20D2007 | SHARADHA N M | |
| 7 | 20D2011 | SHWETA KUMARI | |


Dean and Director

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