



# SRI VENKATESWARA DENTAL COLLEGE & HOSPITAL



(A unit of VELS Group, Pallavaram)

Approved by Government of Tamilnadu (Lr. No. TN35013/MCA-2/2003; dt.7.9.2006) Approved by Dental Council of India, New Delhi  
Approved by Government of India Vide. F. No. V.12017/3/2003-DE, dt. 14.07.2007 & dt.08.11.2011. Ministry of Health & Family Welfare

Affiliated to the Tamil Nadu Dr.MGR Medical University

**NAAC ACCREDITED**

Off OMR, Near Navalur, Thalambur, Chennai - 600 130

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## **4.1 – PHYSICAL FACILITIES**

### **4.1.1 The institution has adequate facilities for teaching – learning, viz., classrooms, laboratory, computing equipments., etc**

#### **LIST OF AVAILABLE TEACHING – LEARNING FACILITIES**

- Number of air-conditioned lecture halls with LCD, Wi-fi/ LAN facilities, smart boards, microphone with surround speakers – 4
- Number of seminar halls with LCD projectors – 4
- Advanced Library

#### **LIST OF LABORATORY FACILITIES**

##### **FIRST BDS**

- Human Anatomy and Embryology Laboratory (Specimen and Cadaver Lab)
- Biochemistry Laboratory
- Physiology Laboratory
- Oral Histology and Tooth Morphology Laboratory

##### **SECOND BDS**

- General Pathology Laboratory
- Microbiology Laboratory
- Pharmacology Laboratory
- Pre-clinical Prosthodontics Laboratory
- Pre-clinical Conservative Dentistry Laboratory
- Pre-clinical Phantom Lab

##### **THIRD YEAR**

- Oral Pathology and Microbiology Laboratory

##### **FINAL YEAR**

- Department of Oral medicine & Radiology
- Department of Pediatric and Preventive Dentistry
- Department of Oral & Maxillofacial Surgery
- Department of Prosthodontics
- Department of Conservative Dentistry & Endodontics
- Department of Periodontics
- Department of Orthodontics
- Department of Public Health Dentistry

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**FIRST YEAR BDS TIME TABLE**

**LECTURE HALL -1 ( 2nd FLOOR)**

DAYS	8.30 TO 10.30 am		10.30 to 10.45	10.45 to 12.30	12.30 to 1.00	1.00 TO 2.45	2.45 TO 4.00 pm
<b>MONDAY</b>	<b>8.30 TO 9.30</b>	<b>9.30 TO 10.30</b>	<b>B</b>	Physiology	<b>L</b>	Phy Prac. Batch - A Bio- Chem Prac Batch - B	
	Physiology	Bio Chemistry	<b>R</b>		<b>U</b>		
<b>TUESDAY</b>	<b>8.30 TO 11.30</b>		<b>E</b>	<b>11.30 TO 12.30</b>	<b>N</b>	Anatomy	
	Oral Histology Lec & Prac.			Anatomy			
<b>WED</b>	<b>8.30 TO 10.30</b>		<b>A</b>	<b>10.45 TO 12.30</b>	<b>C</b>	Biochemistry	
	<b>BATCH - A</b>	<b>BATCH - B</b>		<b>BATCH - A</b>			
	Prosthetics	Tooth Morph		Tooth Morph	Prosthodontics		
<b>THURS</b>	Bio-Chemistry		<b>K</b>	Physiology	<b>H</b>	Phy Prac. Batch - B Bio- Chem Prac Batch - A	
<b>FRIDAY</b>	Oral Histology Lec & Prac.			Anatomy		Anatomy	
<b>SATURDAY</b>	ANATOMY / PHYSIOLOGY / Biochemistry / Oral Histology						

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**SECOND YEAR BDS TIME TABLE**

**LECTURE HALL - 2 ( 2nd FLOOR)**

DAYS	8.30 TO 10.30 am	10.30 to 10.45	10.45 to 12.45	12.45 to 1.15	1.15 TO 4.00 pm
MONDAY	8.30 am to 11.30 am CONS.DENTISTRY LAB** PROSTHODONTICS LAB**	B	11.30 to 12.30 Cons. Dentristry Lect.	L	CONS.DENTISTRY LAB## PROSTHODONTICS LAB##
	CONS.DENTISTRY LAB -B PROSTHODONTICS LAB - A	R E	10.45 - 11.45 D.Material      11.45 - 12.45 Pharmacology	U N	CONS.DENTISTRY LAB-A PROSTHODONTICS LAB - B
WED	Den.Material	A	Pharmacology Lec.	C	Pharmacology
THURS	Micro Biology /Gen.Path Batch -A Batch -B	K	Gen.Path/Micro Biology Batch - B Batch - A	H	DM Lab
	Micro      Gen.Path		CONS.DENTISTRY LAB -A PROSTHODONTICS LAB - B		CONS.DENTISTRY LAB - B PROSTHODONTICS LAB - A
SATURDAY	<b>CLASSES WILL BE ANNOUNCED</b>				

NOTE : \*\* 1ST & 3RD week - Batch - A : Cons.Dentistry  
Batch - B : Prosth

## Batch - B : Cons.Dentistry  
Batch - A : Prosth

2nd & 4th week - Batch - B : Cons.Dentistry  
Batch - A : Prosth

Batch - A : Cons.Dentistry  
Batch - B : Prosth



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**THIRD BDS TIME TABLE  
LECTURE HALL - 3 ( 1st FLOOR)**

DAY	8.30 TO 10.30 AM	10.30 to 10.45 am	10.45 to 12.30	12.30 to 1 pm	1 PM TO 3 PM
MON	DENTAL CLINICAL POSTINGS	BREAK	DENTAL CLINICAL POSTINGS	LUNCH	DENTAL CLINICAL POSTINGS
TUES	8.30 TO 10 AM DENTAL CLINICAL POSTINGS	10 TO 11 AM ORAL PATH	11 TO 12.30 PM GENERAL SURGERY		DENTAL CLINICAL POSTINGS
WED	8.30 TO 10.30 AM DENTAL CLINICAL POSTINGS	10.30 to BREAK	10.45 to 12.30 GENERAL MEDICINE		HOSPITAL POSTING GENERAL MEDICINE - BATCH - A GENERAL SURGERY - BATCH - B
THURS	HOSPITAL POSTING GENERAL MEDICINE - BATCH - B GENERAL SURGERY - BATCH - A		ORAL PATHOLOGY		ORAL PATHOLOGY
FRIDAY	DENTAL CLINICAL POSTINGS		GENERAL MEDICINE		HOSPITAL POSTING GENERAL MEDICINE - BATCH - C GENERAL SURGERY - BATCH - D
SATURDAY	DENTAL CLINICAL POSTINGS		ORAL PATHOLOGY		HOSPITAL POSTING GENERAL MEDICINE - BATCH - D GENERAL SURGERY - BATCH - C

**NOTE : WED & THURS : Batch - A & B - Hospital Posting / Batch C & D - Dental Clinical Posting  
FRI & SAT : Batch - C & D - Hospital Posting / Batch A & B - Dental Clinical Posting**



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**FINAL YEAR BDS TIME TABLE  
LECTURE HALL - 4 ( 1st FLOOR)**

DAYS	8.30-9.30 am	9.45 to 01.45 pm	1.45-2.15	02.15 Pm to 4.00 pm
<b>MONDAY</b>	PERIO LEC	CLINICAL POSTING	<b>LUNCH</b>	ORAL SURGERY LEC
<b>TUESDAY</b>	CONS. DENTISTRY LEC.	CLINICAL POSTING		PUB.HEALTH DENTISTRY LEC.
<b>WED</b>	ORTHO LEC	CLINICAL POSTING		CONS. DENTISTRY LEC.
<b>THURS</b>	PERIO / PHD LEC.	CLINICAL POSTING		ORAL MEDICINE LEC.
<b>FRIDAY</b>	PROSTHO LEC.	CLINICAL POSTING		PROSTHO LEC. & LAB
<b>SATURDAY</b>	PEDO. LEC.	CLINICAL POSTING		CLINICAL POSTING

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## **SRI VENKATESWARA DENTAL COLLEGE & HOSPITAL**

### **LABORATORIES**

#### **ANATOMY LAB**

The laboratory in the anatomy department deals with demonstration and learning of articulated and dissected specimens of head, neck and brain, training for identification of organs as spotters, study of histology slides, and demonstration and learning of osteology i.e, head and neck facial bone specimens.

#### **PHYSIOLOGY LAB**

Students are given practical training and are allowed to perform individually the following procedures such as basic blood investigations which include enumeration of red blood cells, white blood cells, differential count, determination of hemoglobin, blood group, bleeding and clotting time and recording blood pressure.

#### **BIOCHEMISTRY LAB**

The biochemistry laboratory gives clinical exposure for the students to perform various chemical tests incorporated in the syllabus which are qualitative and quantitative analysis of carbohydrates, color reactions of proteins and amino acids, abnormal constituents of urine and analysis of saliva.

#### **ORAL HISTOLOGY LAB**

Students perform drawing and wax carving exercises starting initially with different shapes and gradually trained for permanent teeth, microscopic study and identification of anatomy of the tooth and its associated structures, salivary glands and learning of spotters.

#### **PRE-CLINICAL PROSTHODONTICS LAB**

Pre-clinical laboratory of prosthodontics, students are engaged in practical learning and training in manipulation of dental plaster and stone, gypsum products, impression compound and paste, self-cure and heat cure resins, preparation of plaster cubes, special trays, dentures bases, bases, occlusal rims, articulation and teeth setting, processing of complete denture, finishing and polishing of denture bases and identification of spotters.

#### **PRE-CLINICAL CONSERVATIVE DENTISTRY LAB**

Practical classes for manipulation of various cements for luting, base and restoration, amalgam manipulation and trituration preparation of cubes in plaster and cavities in prepared cubes.



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Preparation of tooth models of incisors, premolars, molars in plaster and preparation of cavities and restoration with modeling wax.

### **PHANTOM LAB**

Preparation of cavities on extracted natural teeth followed by base application, matrix and wedge placement and final restoration is performed. The main purpose of phantom lab is, students get practical training of cavity preparation and tooth preparation in simulated patient models using phantodont before the exposure to humans.

### **MICROBIOLOGY LAB**

Practical procedures for basic staining methods such as Gram staining, Ziehl Neilsen's stain. Demonstrations of microscopy i.e types, parts, maintenance and usage, sterilisation and disinfections, culture methods for aerobic and anaerobic bacteria and spotters for virus models and culture media.

### **GENERAL PATHOLOGY LAB**

Practical classes for urine analysis, estimation of hemoglobin, blood grouping, total and differential WBC count, blood grouping. Demonstrations on ESR, bleeding and clotting time. Spotters for identification of histopathology slides, hematological slides, specimens and various instruments.

### **PHARMACOLOGY LAB**

Procedures and demonstrations to familiarize the students with prescription writing and dispensing. Rational of drug combinations of marketed drugs and spotters for identification.

### **ORAL PATHOLOGY LAB**

Procedures for practical exposure to histopathological slides of relevant oral diseases and demonstrations of the spotters and specimens.

### **PROSTHODONTIC CENTRAL CASTING**

Investing and casting of metal, PFM, and all ceramic crowns are done. Sandblasting of all ceramic and PFM crowns are done. Metal trimming and polishing is done. Cast trimming, indexing and die cutting procedures are performed.



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### **PROSTHODONTIC CERAMIC LAB**

Vita furnace is present in which firing, layering and glazing of ceramic crowns are performed.

### **PROSTHODONTIC UG DRY LAB**

Fabrication of record base, occlusal rims, teeth setting are done. Finishing and polishing of complete dentures and removable partial dentures are done. Lathe, burners with gas connections are provided

### **PROSTHODONTIC UG WET LAB**

Pouring of cast for impressions made of alginate and impression compound. Articulation, flasking, dewaxing, packing and curing of removable complete and partial denture procedures are performed.

### **PROSTHODONTIC PG DRY AND WET LAB**

Fabrication of record base, occlusal rims, teeth setting, finishing and polishing of dentures are done. Cast duplication using agar, putty. Trimming of crowns using micromotor are done in dry lab. Pouring of cast for impressions using POP, dental stone and die stone. Articulation, flasking, dewaxing, packing and curing denture procedures are performed. Plaster dispenser is used to dispense plaster and plaster mix is placed in the vibrator for mixing in wet lab.

### **ENDODONTIC CASTING LAB**

Ceramic crowns are prepared using muffle furnace and pindexing system is present.

### **ENDODONTIC CERAMIC LAB**

Sandblasting of ceramic crowns are done. Trimming and polishing of crowns are done. Investing of wax pattern of crown procedures are performed.

### **ORTHODONTICS UG LAB**

Wire bending and acrylisation of appliances are done. Impression taking and cast pouring, trimming and polishing of removal appliances are performed.

### **ORTHODONTIC PG WET LAB**

Cast pouring of impressions using plaster of paris and dental stone is done. Plaster dispenser and vibrator is used for mixing.



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### **ORTHODONTIC PG DRY LAB**

Wire bending and acrylisation of appliances are done. Sandblasting of orthodontic brackets and fabrication of molar bands procedures are performed. Hydrosoldering unit and welder with soldering attachment is used.

### **PERIODONTICS DRY LAB**

Suturing in dummy models and splinting work in cast models are done in this lab

### **PERIODONTICS WET LAB**

Model pouring, pre-clinical works for under graduate and post graduate students, preparation of study models, occlusal splint adjustments and implant model procedures are performed



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