

# MATHRUSRI RAMABAI AMBEDKAR DENTAL COLLEGE & HOSPITAL

(Founded by : Ananda Social & Educational Trust)  
ISO 9001:2015 CERTIFIED

Affiliated to Rajiv Gandhi University of Health Sciences  
Recognised by Dental Council of India

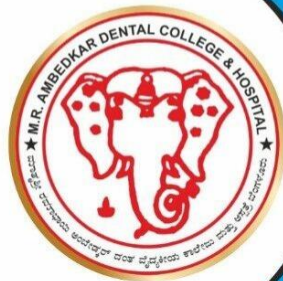
1/36, Cline Road, Cooke Town, Bengaluru - 560 005  
Ph: 080 - 2546 0747 [www.mradc.in](http://www.mradc.in)

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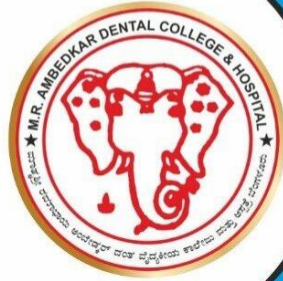
## HERBAL STUDIES

SL NO	NAME	TITLE	YEAR
1	Dr Iqra Mohiuddin	Evaluation of the effect of <i>Salvadora persica</i> (miswak) as an adjunct to tooth brushing in children	2016-17
2	Dr. Sunaina .S. Pamnani	Comparison of zinc oxide eugenol, zinc oxide with aloe vera and endoflas as root canal filling materials in primary molars-a clinical study.	2018-19
3	Dr. Jyothsna .V. Setty	Comparative evaluation of <i>Myristica fragrans</i> efficacy as a pulpotomy medicament with Mineral Trioxide Aggregate and with Zinc oxide Eugenol as an obturating material in primary teeth	2018-19
4	Dr. Jyothsna .V. Setty	Effectiveness of <i>Myristica fragrans</i> mouth rinse in Children: A clinical trial	2018-19
5	Dr. Jyothsna .V. Setty	In vitro evaluation of antimicrobial effect of <i>Myristica fragrans</i> on common endodontic pathogens	2019-20
6.	Dr. Jyothsna .V. Setty	Efficacy of <i>Myristica fragrans</i> extract in root canal irrigation of primary teeth – a clinical trial.	2020-21



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## ANIMAL STUDIES

1	Dr. Jyothsna .V. Setty	Comparative evaluation of <i>Myristica fragrans</i> efficacy as a pulpotomy medicament with Mineral Trioxide Aggregate and with Zinc oxide Eugenol as an obturating material in primary teeth. Evaluation of analgesic effect on wistar rats	2018-19
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## TIME TABLE – 1<sup>ST</sup> BDS



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### TIME TABLE FOR 1st BDS COURSE

Week days Time	8.00 am to 9.00 am	9.00 am to 11.00 am		11.00 am to 12.00 noon	12.00 noon to 1.00 pm	1.00 pm to 2.00 pm	2.00 pm to 4.00 pm	
		Batch	Subject				Roll Nos.	Subjects
MONDAY	-	A B C	Histology Physiology Biochemistry	Physiology -L	Biochemistry -L	LUNCH BREAK	2.00 pm to 3.00 pm - DADH - L 3.00 pm to 4.00 pm - Dental Materials Conservative - L	
TUESDAY	-	B A C	Histology Physiology Biochemistry	Anatomy -L	Biochemistry -L		1-50 DADH - Lab 51-75 Pre-Clinical Conservative 76-100 Pre-Clinical Prosthetics	
WEDNESDAY	-	C A B	Histology Physiology Biochemistry	Physiology -L	Anatomy -L		51-100 DADH - Lab 1-25 Pre-Clinical Conservative 26-50 Pre-Clinical Prosthetics	
THURSDAY	-	Dissection		Physiology -L	Anatomy -L		1-50 DADH - Lab 76-100 Pre-Clinical Conservative 51-75 Pre-Clinical Prosthetics	
FRIDAY	-	9.00 am to 10.00 am DADH - L		10.00 am to 12.30 pm Dental Materials Lab			51-100 DADH - Lab 26-50 Pre-Clinical Conservative 1-25 Pre-Clinical Prosthetics	
SATURDAY	Dental Materials Prosthodontics -L	9.00 am to 10.00 am DADH - L			10.00 am to 1.00 pm Dental Materials Lab			

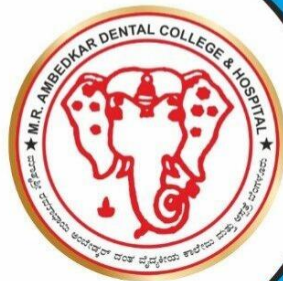


*Chinnalato H.*  
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## TIME TABLE – 2<sup>ND</sup> BDS

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### TIME TABLE FOR IInd BDS COURSE

Week days Time	8.00 am to 9.00 am	9.15 am to 10.30 am	10.30 am to 12.30 pm		12.30 pm to 1.30 pm	1.30 pm to 4.00 pm
			Batch	Subject		
MONDAY	Pre-Clinical Prosthodontics - L	Pharmacology -L	B A	Pharmacology Pathology	LUNCH - BREAK	<b>Pre-Clinical Practicals</b> Batch - A: Conservative Batch - B: Prosthodontics
TUESDAY	Dental Materials Prosthodontics -L	Microbiology - L	A B	Pharmacology Microbiology		<b>DM Clinical Practicals</b> Batch - A: Conservative Batch - B: Prosthodontics
WEDNESDAY	Dental Materials Conservative -L	Pathology -L	A B	Microbiology Pathology		<b>Pre-Clinical Practicals</b> Batch - B: Conservative Batch - A: Prosthodontics
THURSDAY	Dental Materials Prosthodontics -L	<b>9.00 am to 11.00 am</b> Oral Pathology	<b>11.30 am to 12.30 pm</b> Pharmacology -L			<b>DM Clinical Practicals</b> Batch - B: Conservative Batch - A: Prosthodontics
FRIDAY	Pre-Clinical Conservative -L	<b>Pre-Clinical Practicals</b> Batch - A: Conservative Batch - B: Prosthodontics				<b>1.30 pm to 2.30 pm</b> DM Conservative - L <b>2.30 pm to 3.30 pm</b> DM Prosthodontics - L
SATURDAY	<b>8.00 am to 11.30 pm</b> <b>Pre-Clinical Practicals</b> Batch - B: Conservative Batch - A: Prosthodontics		<b>11.30 am to 1.00 pm</b> Orthodontics -Lab			

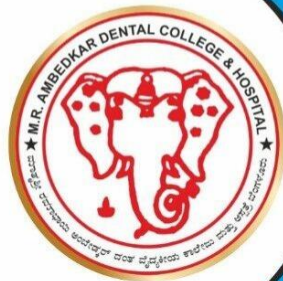


*Anandappa H.*  
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## TIME TABLE – 3<sup>RD</sup>

### BDS



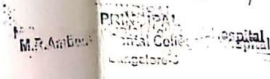
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### TIME TABLE FOR III<sup>RD</sup> BDS COURSE

Week days Time	8.00 am to 9.00 am	9.00 am to 10.00 am	10.30 am to 12.30 pm	12.30 pm to 1.30 pm	1.30 pm to 4.00 pm
MONDAY	Oral Surgery - L	Oral Pathology -L	General Surgery - L / General Medicine - L	LUNCH - BREAK	Clinical Postings
TUESDAY	Pedodontics -L	General Surgery			Clinical Postings
WEDNESDAY	Conservative Dentistry -L	General Medicine			Clinical Postings
THURSDAY	Orthodontics -L	Oral Pathology - L	General Surgery - L / General Medicine - L		Clinical Postings
FRIDAY	Oral Medicine -L	Oral Pathology - L	Pedodontics / Orthodontics - LAB		Clinical Postings
SATURDAY	Periodontics -L	Prosthodontics -L	10.30 am to 12.00 noon - Oral Pathology 12.00 noon to 1.00 pm - Public Health Dentistry		



*Anmalata H.*  
PRINCIPAL 05/11/22

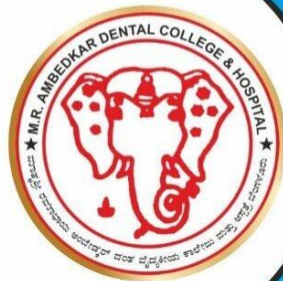


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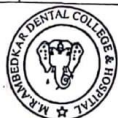
## TIME TABLE – 4<sup>TH</sup>

### BDS

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### TIME TABLE FOR IV<sup>th</sup> BDS COURSE

Week days Time	8.00 am to 9.00 am	9.00 am to 12.30 pm	12.30 pm to 1.30 pm	1.30 pm to 2.30 pm	2.30 pm to 3.30 pm
MONDAY	Periodontics - L	Clinical Postings	LUNCH BREAK	Oral Medicine - L	Oral Surgery - L
TUESDAY	Oral Surgery -L	Clinical Postings		Orthodontics - L	
WEDNESDAY	Oral Medicine -L	Clinical Postings		Conservative - L	Orthodontics -L
THURSDAY	Conservative -L	Clinical Postings		Periodontics - L	Prosthodontics - L
FRIDAY	Orthodontics -L	Clinical Postings		Pedodontics - L	Prosthodontics - L
SATURDAY	Pedodontics -L	9.00 am to 10.30 am Public Health Dentistry - L	<b>10.30 am onwards:</b> Batch - A / B : Public Health Dentistry Field programs (alternate weeks)  <b>10.30 am to 1.00 pm:</b> Batch - A / B : Prosthodontics - Crown Cutting (alternate weeks)		



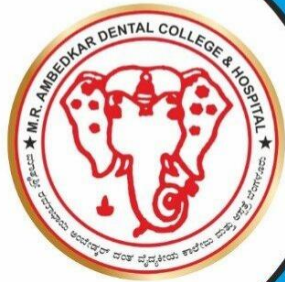
*Anuradha H.*  
**PRINCIPAL** 05/11/22  
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## LIST OF LABORATORIES AND DETAILS OF ACTIVITIES OF BDS CURRICULUM

### 1. Department of Anatomy

#### LAB 1 – Dissection Hall

- Dissection of cadavers
- Study of prosected specimen
- Osteology demonstration
- Study of embryology models
- Study of gross anatomy models

#### LAB 2 – Histology lab

- Study of histology slides of specimen

### 2. Department of Physiology

#### LAB – Haematology lab

- Study of compound microscope (common objects)
- Introduction to haematology
- Estimation of haemoglobin
- Determination of total RBC count
- Blood indices
- Determination of total WBC count
- Differential leukocyte count
- Blood group
- Bleeding time and clotting time

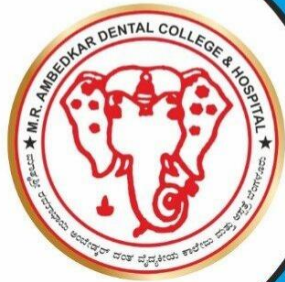
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## 3. Department of Biochemistry

- Colour reaction of carbohydrates
- Colour reaction of amino acids
- Precipitation reaction PF protein
- Normal urine analysis
- Abnormal urine analysis
- NPN substances
- Estimation of blood sugar
- Estimation of serum total protein

## 4. Department of Dental anatomy and Histology

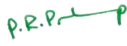
- Carving of tooth on wax blocks
- Learning normal oral histology /anatomy using educational slides under the microscope
- Making histological diagram in the note books

## 5. Department of General pathology

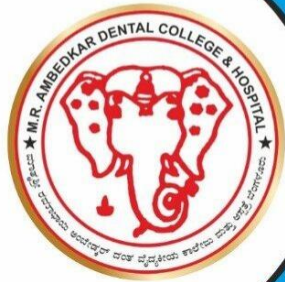
- Haematology experiments – Hb estimation, TLC, DLC, RBC count, BT, CT, ESR, PBS examination
- Demonstration of histopathology techniques
- Study of histopathology slides
- Urine examination
- Study of instruments used in pathology laboratory
- Study of gross specimens

## 6. Department of Microbiology

- Staining methods (Gram's stain, Albert stain and AFB staining)
- Culture methods (Anaerobic, Aerobic and Fungal cultures)
- Biochemical tests
- Instrument description and their working principles

  
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## 7. Department of Pharmacology

- Various pharmacy practical's as per the DCI syllabus for 2nd year BDS students are performed in the laboratory

## 8. Department of conservative dentistry and endodontics (Preclinical)

- Structured program for training and assessment of students in clinical skills lab/simulation based learning
- Phantom heads
- Preclinical exercises

## 9. Department of Prosthodontics (Preclinical)

- Pouring of maxillary and mandibular casts
- Fabrication of temporary record bases using auto polymerizing resin
- Fabrication of occlusal rims
- Articulation
- Teeth arrangements
- Denture fabrication
- Introduction to FPD + Demo on tooth preparation for porcelain fused to metal crown on mandibular teeth
- Tooth preparation for porcelain fused to metal crown – posterior
- Tooth preparation for porcelain fused to metal crown – anterior
- Tooth preparation for all ceramic crown anterior

## 10. Department of oral pathology

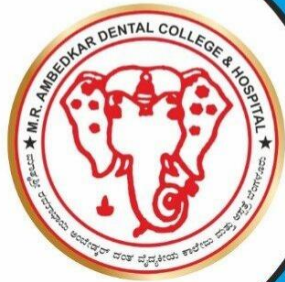
- Learning pathological oral histology using educational slides under the microscope
- Making histopathological diagrams in the note book

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## 11. Department of orthodontics

- Wire bending
- Fabrication of appliances
- Model analysis

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