

# DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES

Shivago Malleshwara Hills, Kumarnawamy Layout  
Bangalore - 560 078.



DEPARTMENT OF CONSERVATIVE  
DENTISTRY AND ENDODONTICS

PRE-CLINICAL RECORD  
BOOK


Name : \_\_\_\_\_

Roll No.: \_\_\_\_\_

  
PRINCIPAL

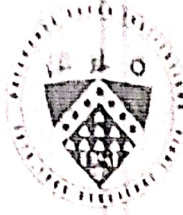
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Kumarnawamy Layout,  
Bangalore - 560 078.

# PRE - CLINICAL RECORD BOOK

  
**PRINCIPAL**  
Ramanda Sagar College  
Hannayapur  
Hannayapur

# DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES

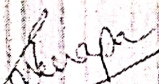
Shravige Maleswara Hills, Kumaraswamy Layout  
Bangalore - 560 078

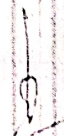


## DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

### Certificate

This is to certify that JASWEE S. SHINDE bearing the  
Reg. No. 2000933 has completed the work in Pre-clinical Operative  
Dentistry in partial fulfillment of the requirement for the II year degree of Bachelor of  
Dental Surgery

  
Signature of the  
Incharge staff

  
Signature of the  
Professor and Head

  
**PRINCIPAL**

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# PRE-CLINICAL OPERATIVE DENTISTRY PLASTER WORK

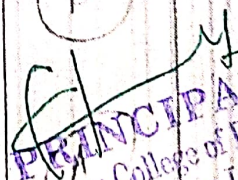
Sl. No.	Date	Tooth Model	Tooth Preparation	Grade	Staff Signature
01.	09-02-22	Upper molar	Class I cavity (conservative)	B	
02.	09-02-22	Upper molar	Class I cavity (conventional)		
03.	10-02-22	Lower molar	Class I preparation with buccal extension.	B	
04.	10-2-22	Premolar	Class I cavity preparation	B	
05	10-2-22	Lower molar	Class II conventional mesioocclusal	B	
06	11-2-22	Premolar	Class II conventional mesioocclusal.	B	
07.	11-02-22	Premolar	Box cavity preparation.	B	
08	11-02-22	Upper molar	Class II conventional distoocclusal preparation with class V preparation.	B	

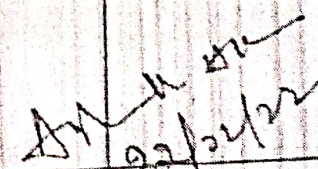
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## PRE-CLINICAL OPERATIVE DENTISTRY PLASTER WORK

Sl. No.	Date	Tooth Model	Tooth Preparation	Grade	Time Spent	
09.	11-02-22	Upper central incisor	Class II preparation	B	15m	
10.	16-02-22	Upper 1st molar	Class II conservative mesio-occlusal	C	15m	
11.	6-02-22	Lower molar	Class II mesio-occlusal distal	D	15m	
12.	16-02-22	Upper molar	Class I with buccal extension	E	15m	
13.	16-02-22	Upper central	Class V with preparation	B <sup>+</sup>	15m	
14.	6-02-22	Lower molar	Class I circumferential	B <sup>-</sup>	15m	
15.	16-2-22	Lower molar	Buccal pit	B <sup>+</sup>	15m	
16.	16-2-22	Upper incisor	Class IV preparation			
17)	22-02-22	Submission of POP models with restoration with modelling wax including curing				

  
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 22/2/22

# PRE-CLINICAL OPERATIVE DENTISTRY TYPHODONT WORK

Sl. No.	Date	Tooth No.	Tooth Preparation	Liner / Base & Matrix Application	Restoration & Carving
04	04-03-22	35	Class I cavity preparation. (B) 8/1	Zinc phosphate base application. (B) 13/1	Amalgam restoration (B) 2 24/13
05	9-3-22	46	Class I Cavity Preparation. (B) 2 9/13/2	Zinc phosphate base application. (B) 2 11/3	Amalgam restoration (B) 2 23/3
06	10-3-22	26	Class I conservative Cavity Preparation. (B) 2 11/3	Zinc phosphate base application. (B) 8/1	Amalgam restoration (B) 2 4/4/22

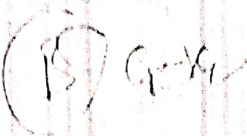
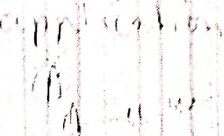

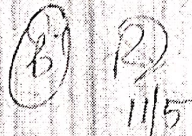
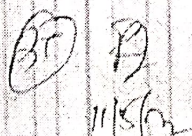
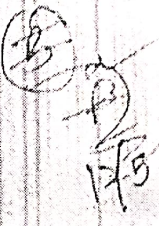
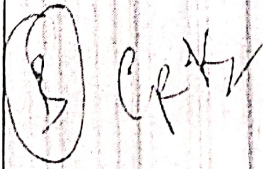
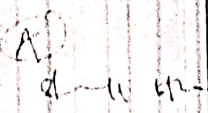

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# PRE-CLINICAL OPERATIVE DENTISTRY TYPHO DONT WORK

Sl. No.	Date	Tooth No.	Tooth Preparation	Liner / Base & Matrix Application	Restoration & Carving
07.	11-03-22	27	Class I non-servative cavity preparation. (B) 2/1/3	Varnish application	
08.	12-03-22	36	Class I cavity with buccal extension. (B+1) 1/1/1/1	Base application. Barton Matrix application (B) (P/K)	Amalgam restoration (B+1) 1/1/1/1
09.	16-03-22	26	Class I cavity with palatal extension (B+1) 1/1/1/1	Base application. Barton matrix application (B) (P/K) 6/4/02	Amalgam restoration (B+1) 1/1/1/1

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PRE-CLINICAL OPERATIVE DENTISTRY  
 TYPHODONT WORK

Sl No.	Date	Tooth No.	Tooth Preparation	liner / Base & Matrix Application	Restoration & Carving
05	11-05-22	16	Class II mesio-occlusal cavity 	Base application Matrix application 	Amalgam restoration 
05	11-05-22	16 G	Class II mesio-occlusal cavity. 	Base application Matrix application 	Amalgam restoration 
06	13-05-22	16	Class II mesio-occlusal cavity. 	Base application Matrix application 	Amalgam restoration 


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 Kuvempu University, Shivamogga  
 Karnataka, India

Signature



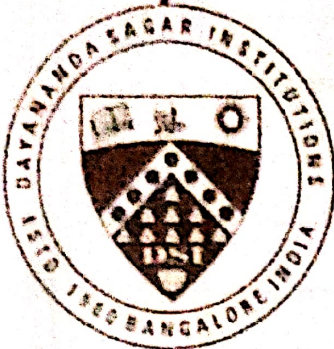
# PRE-CLINICAL OPERATIVE DENTISTRY TYPHODONT WORK

Sl No	Date	Tooth No	Tooth Preparation	Liner / Base & Matrix Application	Restoration & Carving
02	27-05-22	35	Class II mesio-occlusal cavity (B) <i>CS</i>	Liner and matrix application (B) <i>CS</i>	Amalgam restoration (B) <i>CS</i>
14)	11-05-22	15	Class II mesio-occlusal cavity (B) <i>CS</i>	Base and matrix application (B) <i>CS</i>	
15	22-06-22	36	Class II mesio-occlusal cavity (B) <i>CS</i>	Base & matrix (B) <i>CS</i>	Amalgam restoration (B) <i>CS</i>

  
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DEPARTMENT OF CONSERVATIVE  
DENTISTRY AND ENDODONTICS

CLINICAL RECORD BOOK


Name : ..NISHAD NAKHIL.....

Roll No. : 1820094.....

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# CLINICAL RECORD BOOK

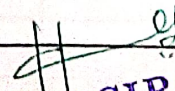
  
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## Discussion Topics

### III Year

Sl no.	Date	Topics	Signature
1.		Infection control	
2.		Sterilization and disinfection	
3.		Case history discussion	
4.		Grasps, rests, chair side position	
5.		Fundamentals of tooth preparation	
6.		Class I cavity preparation for amalgam restoration	
7.		Pulp protecting agents	
8.		Silver amalgam	
9.		GIC	
10.		Composites	

### IV Year

Sl no	Date	Topics	Signature
1.		Class II cavity preparation – modification	 <b>PRINCIPAL</b> Dayananda Sagar College of Dental Sciences Kumaraswamy Layout, Bangalore - 560 078.
2.		Matrices and Wedges	
3.		RCT - Access cavity WL BMP Obturation	
4.		Inlay / Onlay	
5.		Veneers / Crown	
6.		Bleaching	

## Equipment Demonstration

III Year

Sl. no	Date	Topic	Signature
1.		Autoclave	
2.		Ultrasonic Cleaner	
3.		RVG	
4.		Rubber dam application	
5.		Amalgamator	


IV Year

Sl no	Date	Topic	Signature
1.		Glass bead sterilizer	
2.		EPT	
3.		Apex Locator	
4.		Endo handpiece	
5.		Different Obturating systems	
6.		Endodontic Microscope	

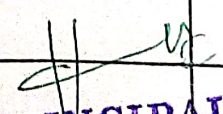
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## CHAIR SIDE DISCUSSION / DEMONSTRATION

III year

Sl no	Date	Topic	Signature
1.		Sterilization of Instruments, Operating Tray set up	
2.		Disinfection of working area – disposal of waste	
3.		Isolation	
4.		Class I cavity preparation	
5.		Amalgam restoration	
6.		GIC restoration	
7.		Composite restoration	

IV year

Sl no	Date	Topic	Signature
1.		Rubber Dam application	
2.		Access cavity	
3.		Working Length	
4.		BMP	
5.		Obturation	

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# **DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES**

**DEPARTMENT OF CONSERVATIVE DENTISTRY  
AND ENDODONTICS**

**III YEAR CLINICAL WORK**

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AND ENDODONTICS  
DAYANANDA SAGAR COLLEGE OF  
DENTAL SCIENCES  
Kumaraswamy Layout, Bangalore 78.**


**Certificate**


This is to certify that Nishad. Noukhiz.....Reg.No. ....  
has fulfilled the clinical requirements in III year "Conservative Dentistry and  
Endodontics" within the specified time frame.

Date:

Place:



  
Staff Incharge

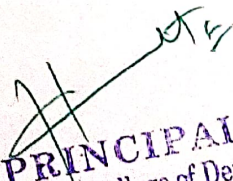
  
Professor and Head

  
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## CONSOLIDATED WORK DONE

Sl. No	Work	Number	Work done	Signature
01	<b>Preclinical work</b> <b>Class I</b> <b>(natural/typhodont)</b> <ul style="list-style-type: none"> <li>• Lower molar</li> <li>• Upper molar</li> <li>• premolar</li> </ul>	02	36, 46	
		02	16, 26	
		02	35, 15	
02	<b>Clinical</b> <ul style="list-style-type: none"> <li>• Class I restoration (amalgam, composites)</li> <li>• Class V/ Buccal pit restorations</li> <li>• Others</li> </ul>	10	08	
		05	04	

  
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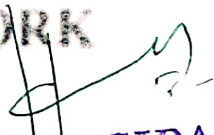
**Department of Conservative Dentistry and  
Endodontics**

**Dayananda Sagar College of Dental Sciences,  
Bangalore**

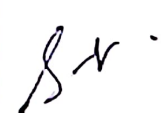
**DAYANANDA SAGAR COLLEGE OF  
DENTAL SCIENCES**

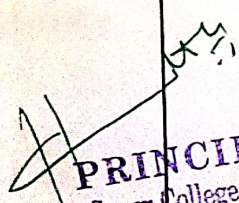
**DEPARTMENT OF CONSERVATIVE DENTISTRY  
AND ENDODONTICS**

**IV YEAR CLINICAL WORK**

  
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Bangalore - 560 078.

## CONSOLIDATED WORK DONE

Sl no.	Work	Number	Work done	Signature
01	<b>Preclinical work</b> <b>Class II (mounted natural teeth/typhodont)</b> <ul style="list-style-type: none"> <li>• Lower molar</li> <li>• Upper molar (conservative)</li> <li>• Premolar                             <ul style="list-style-type: none"> <li>○ Box preparation</li> <li>○ Slot preparation</li> </ul> </li> </ul>	 02 02  01 01	37 [Composite] 47 [Amalgam] 17 [Composite] 27 [Composite] 45 [Amalgam] 14 [Composite]	
02	<b>Clinical</b> <ul style="list-style-type: none"> <li>• Class II amalgam</li> <li>• Cervical abrasion/class V restorations with GIC</li> <li>• Composite restoration</li> <li>• Others</li> </ul>	 10 05  05		

  
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**DEPARTMENT OF CONSERVATIVE DENTISTRY  
AND ENDODONTICS**

**DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES**

**BANGALORE**



**I YEAR MDS PRE- CLINICAL RECORD BOOK**

**NAME:** Dr. V. GEETHA

**YEAR:** .....

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# Dayananda Sagar College of Dental Sciences

ShavigeMalleshwara Hills, Kumaraswamy Layout, Bangalore


## Department of Conservative Dentistry and Endodontics

This is to certify that DR ..... Of MDS  
CONSERVATIVE DENTISTRY AND ENDODONTICS has satisfactorily  
completed the 1<sup>st</sup> year pre clinical quota prescribed for the year 2015-16.

Staff in-charge Professor and head

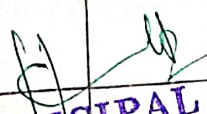
PLACE

DATE

  
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## WAX CARVINGS

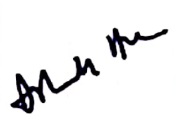


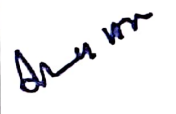

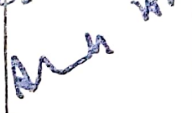
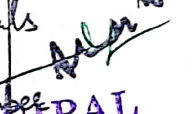
SR NO	TOOTH	GRADE	SIGN
	Maxillary central		
	Maxillary lateral		
	Maxillary canine		
	Maxillary I premolar		
	Maxillary II premolar		
	Maxillary I molar		
	Maxillary II molar		
	Mandibular central		
	Mandibular lateral		
	Mandibular canine		
	Mandibular I premolar		
	Mandibular II premolar		
	Mandibular I molar		
	Mandibular II molar		

  
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SECTIONING OF TEETH

SR NO	TOOTH	OBSERVATIONS	SIGN
	Maxillary central	1. Enamel and dentin seen with no carious involvement 2. Single root canal terminating in single apical foramen. Type I Vertucci's configuration	Am
	Maxillary lateral	1. Enamel, dentin and pulp space seen. 2. Single root canal terminating in single apical foramen. Type I Vertucci	Am
	Maxillary canine	1. Enamel, dentin & pulp seen. 2. Single root canal terminating in single apical foramen. 3. Cervical abrasion of enamel & dentin. Type I Vertucci	Am
	Maxillary I premolar	1. Cervical abrasion of enamel & dentin 2. Two roots — 1 buccal & 1 palatal 3. Two pulp horns seen. 4. Vertucci Type <u>IV</u>	Am
	Maxillary II premolar	1. Single root canal terminating in single apical foramen 2. Two pulp horns. 3. Vertucci Type I.	Am
	Maxillary I molar	1. Enamel & dentin seen 2. 3 roots — 1 palatal, 1 mesio buccal & 1 distobuccal. 3. Corresponding pulp chambers 4. Pulp calcification close to pulpal floor.	Am

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	Mandibular central	<ol style="list-style-type: none"> <li>1. Enamel &amp; dentin with no carious involvement.</li> <li>2. Single root seen &amp; single apical foramen</li> <li>3. Vertucci Type III</li> </ol>	
	Mandibular lateral	<ol style="list-style-type: none"> <li>1. Enamel &amp; dentin with no carious involvement.</li> <li>2. Single root &amp; two apical foramen</li> <li>3. Vertucci Type V.</li> </ol>	
	Mandibular canine	<ol style="list-style-type: none"> <li>1. Enamel &amp; dentin with no carious involvement.</li> <li>2. Single root &amp; single apical foramen</li> <li>3. Vertucci Type I.</li> </ol>	
	Mandibular I premolar	<ol style="list-style-type: none"> <li>1. Enamel &amp; dentin with no carious involvement</li> <li>2. Single root &amp; single apical foramen</li> <li>3. Vertucci Type I</li> </ol>	
	Mandibular II premolar	<ol style="list-style-type: none"> <li>1. Enamel &amp; dentin with no carious involvement.</li> <li>2. Single root &amp; single apical foramen</li> <li>3. Vertucci Type I</li> <li>4. Two pulp horns.</li> </ol>	
	Mandibular I molar	<ol style="list-style-type: none"> <li>1. occlusal caries involving enamel, dentin and pulp.</li> <li>2. Pulp calcification seen in pulp chamber</li> <li>3. 2 roots - 1 mesial &amp; 1 distal correspondingly single root canals</li> </ol>	
	Mandibular II molar	<ol style="list-style-type: none"> <li>1. Cervical caries involving enamel, dentin &amp; pulp.</li> <li>2. Two pulp horns</li> <li>3. Mesial &amp; distal roots &amp; root canals</li> <li>4. pulp calcification seen in pulp chamber</li> </ol>	

close to pulpal floor



## AMALGAM RESTORATION

		TOTAL 06	Cavity preparation	Base & restoration
1	Class I with buccal extension	01	(B <sup>+</sup> ) 18/1/22	(B <sup>+</sup> ) B+
2	Class I palatal extension	01	(A) 18/1/22	(A <sup>+</sup> ) A+
3	Class II (MO)	01	(B <sup>+</sup> ) 18/1/22	(A) B+
4	Class II MO on lower 2 <sup>nd</sup> Molar: conservative design	01	(B) (B) 19/1/22	(A <sup>+</sup> ) B+
5	Class II on upper premolar (Box)	01	(B) (B) 20/1/22	(A) B+
6	Lower right 6 (MOD)	01	(B) (B) 20/1/22	(A <sup>+</sup> ) B+

  
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## II. CAST RESTORATIONS INCLUDING WAX PATTERN AND CASTING

	TOOTH	TOTAL 06	Cavity preparation	Wax pattern	Casting
1	Maxillary 1 <sup>st</sup> molar class II (MO) conservative	01	SWA	2	
2	Maxillary 1 <sup>st</sup> molar class II (DO)	01	SWA	2	
3	Mandibular 1st molar class II (MO) conventional	01	SWA	2	
4	Mandibular 1st molar class II (DO)	01	SWA	2	
5	Mandibular 1st molar MOD	01	SWA	SW	
6	Maxillary 1 <sup>st</sup> Molar mod	01	SWA	SW	

## III. ONLY

	TOOTH	TOTAL	Cavity preparation	Wax pattern	Casting
1	Maxillary molar – onlay	01	A	2	
2	Mandibular molar – onlay	01	A	2	

## IV. COMPOSITE / CERAMIC ONLAYS

	TOOTH	TOTAL	Cavity preparation	Wax pattern	Casting
1	Class II Maxillary molar	01			
2	Class II Mandibular molar	01			


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## COMPOSITE VENEER

	PREPARATION/ IMPRESION	RESTORATION/FINISHNG AND POLISHING
MAXILLARY CENTRAL INCISOR		
WINDOW FULL		

## CERAMIC VENEER

	PREPARATION	IMPRESSION	CEMENTATION
MAXILLARY CENTRAL INCISOR			
WINDOW FULL			

  
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## ALL CERAMIC CROWNS


	TOOTH NO.	PREPARATION	PATTERN / CASTING
MAXILLARY CENTRAL INCISOR	11	(A) C/P	
MAXILLARY I PREMOLAR	24	(A) C/P	
MAXILLARY I MOLAR	16	(A) C/P	
MANDIBULAR CANINE	33	(A) C/P	

## PFM CROWNS

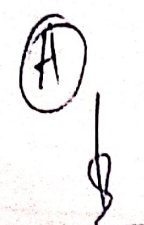
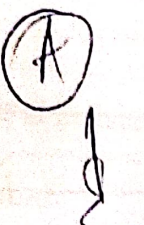
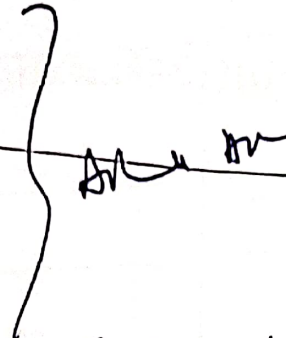
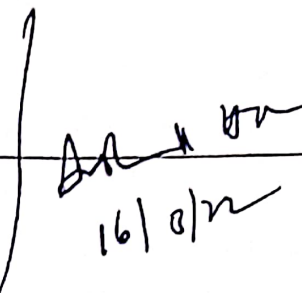
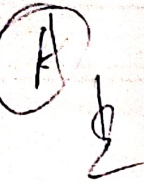
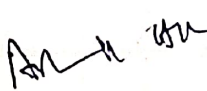
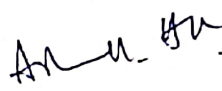

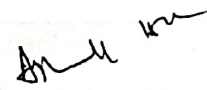

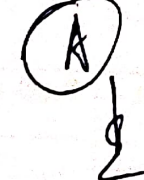


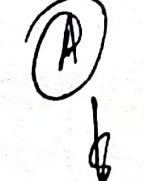
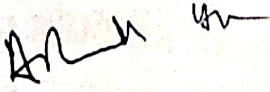

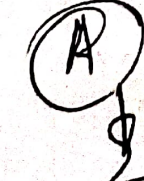
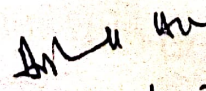
	TOOTH NO.	PREPARATION	PATTERN / CASTING
MAXILLARY PREMOLAR			
MANDIBULAR I MOLAR	46	(B) C/P	

## METAL CROWNS

	TOOTH NO.	PREPARATION	PATTERN / CASTING
MAXILLARY II MOLAR			
MANDIBULAR I I MOLAR			

  
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	TOOTH	ACCESS CAVITY	BMP	OBTURATION
	Maxillary central WL - 22 mm JBF - 30		Step back technique AMU WU MAF - 70	COLD LATERAL COMPACTION AMU WU MASTER CONE - 70
	Maxillary lateral WL - 19 mm		Step back technique AMU WU IBF - 15, MAF - 50	COLD LATERAL COMPACTION AMU WU MASTER CONE - 50
	Maxillary canine WL - 23 mm		Step back technique AMU WU IBF - 20, MAF - 60	COLD LATERAL COMPACTION AMU WU MASTER CONE - 60
	Maxillary I premolar WL B - 19 mm P - 19 mm		Step back technique AMU WU MAF - 435	COLD LATERAL COMPACTION AMU WU MASTER CONE - P-35 B-35
	Maxillary II premolar WL - 18 mm		Step back technique AMU WU MAF - 40	COLD LATERAL COMPACTION AMU WU MASTER CONE - 40
	Maxillary I molar WL P - 17 mm MB <sub>1</sub> - 17 mm MB <sub>2</sub> - 16 mm DB - 18 mm		PROTAPER ROTARY FILES AMU WU P, MB <sub>1</sub> , DB - 35 MB <sub>2</sub> - 40	COLD LATERAL COMPACTION AMU WU MASTER CONE - P-40 MB <sub>1</sub> , DB - 35, MB <sub>2</sub> - 25 } 2%
	Maxillary II molar P - 17 mm		AMU WU	COLD LATERAL COMPACTION AMU WU MASTER CONE - P-40

Mandibular central		STEP 11 BACK TECHNIQUE MASTER CONE - 35 AF - 35	COLD LATERAL COMPACTION MASTER CONE - 35
WL - 17.5mm JBF - 20		 (2 canals) MAF - 25	 16/0/2 MASTER CONE - 25
Mandibular lateral (2 canals) WL - 17mm JBF - 15		STEP BACK TECHNIQUE  MAF - 50	COLD LATERAL COMPACTION  MASTER CONE - 50
Mandibular canine WL - 21mm JBF - 20		STEP BACK TECHNIQUE  MAF - 40	COLD LATERAL COMPACTION  MASTER CONE - 40
Mandibular I premolar WL - 18mm		STEP BACK TECHNIQUE  MAF - 40	COLD LATERAL COMPACTION  MASTER CONE - 40
Mandibular II premolar WL - 19mm		PROTAPER ROTARY FILES  D, MB, ML upto F2.	COLD LATERAL COMPACTION  MASTER CONE { D - 40 MB } 35 ML }
Mandibular I molar WL D - 15mm MB - 15mm ML - 15mm		NEO ENDO FLEX FILES ROTARY  D, MB, ML upto 25 6%.	COLD LATERAL COMPACTION <b>PRINCIPAL</b> Dayananda Sagar College of Dental Sciences Kumbhasthali Layout, Bangalore - 560 078. MASTER CONE { D - 40 MB } 35 ML }
Mandibular II molar WL D - 17mm MB - 17mm ML - 17mm			

### POST AND CORE

	TOOTH	PREPARATION	WAX PATTERN	CASTING
1	Maxillary Central incisor			
2	Maxillary lateral incisor			
3	Maxillary Canine			
4	Maxillary I premolar			
5	Maxillary I molar			
6	Mandibular II molar without crown			

### FIBRE POST

TOOTH	Preparation	Post placement	Tooth preparation
Mandibular central incisor			

### RIBBOND

TOOTH	Preparation	Post placement	Tooth preparation
Mandibular premolar			

### INTRADICULAR REHABILITATION

TOOTH	Preparation	Post placement	Tooth preparation
Mandibular canine			

### ENDO CROWNS

TOOTH	Preparation	Tooth preparation	Cementation

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### POST AND CORE

	TOOTH	PREPARATION	WAX PATTERN	CASTING
1	Maxillary Central incisor			
2	Maxillary lateral incisor			
3	Maxillary Canine			
4	Maxillary I premolar			
5	Maxillary I molar			
6	Mandibular II molar without crown			

### FIBRE POST

TOOTH	Preparation	Post placement	Tooth preparation
Mandibular central incisor			

### RIBBOND

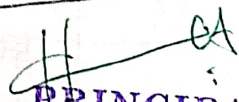
TOOTH	Preparation	Post placement	Tooth preparation
Mandibular premolar			

### INTRADICULAR REHABILITATION

TOOTH	Preparation	Post placement	Tooth preparation
Mandibular canine			

### ENDO CROWNS

TOOTH	Preparation	Tooth preparation

  
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# DIRECT COMPOSITE RESTORATIONS DIFFERENT TECHNIQUES

## CLASS II COMPOSITE RESTORATION

TOOTH	PREPARATION	MATRIC RETAINER/RESTORATION	FINISHING AND POLISHING

## CLASS III COMPOSITE RESTORATION

TOOTH	PREPARATION	MATRIC RETAINER/RESTORATION	FINISHING AND POLISHING
21	<i>drawn</i>	<i>drawn</i>	} <i>drawn</i>
32	<i>drawn</i>	} <i>drawn</i>	
33	<i>drawn</i>		
342	<i>drawn</i>		

## CLASS IV COMPOSITE RESTORATIONS

TOOTH	PREPARATION	MATRIC RETAINER/RESTORATION	FINISHING AND POLISHING
11	} <i>drawn</i>	<i>drawn</i>	} <i>drawn</i>
21		<i>drawn</i>	
21	} <i>drawn</i>	} <i>drawn</i>	} <i>drawn</i>
22			

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# COMPOSITE CLASS V RESTORATIONS

TOOTH	PREPARATION	MATRIC RETAINER/RESTORATION	FINISHING AND POLISHING

  
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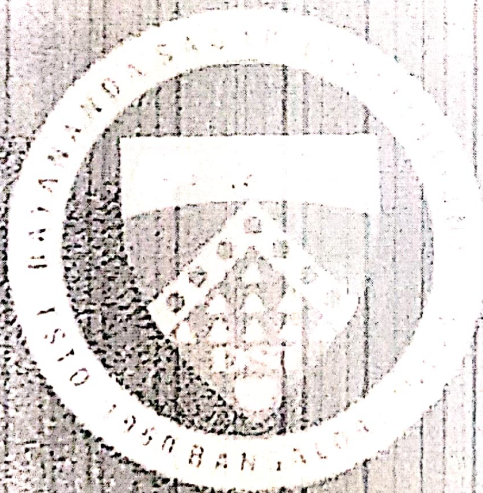
## ADDITIONAL EXERCISES

11. TEMPORIZATION
12. DIE PREPARATION
13. FABRICATION OF SPECIAL TRAY & RUBBER BASE
14. RUBBER DAM PLACEMENT
15. GINGIVAL RETRACTIONS.

  
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# DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES

Dayananda Sagar University of Health Sciences



## POST GRADUATE WORK BOOK

### DEPARTMENT OF PROSTHODONTICS

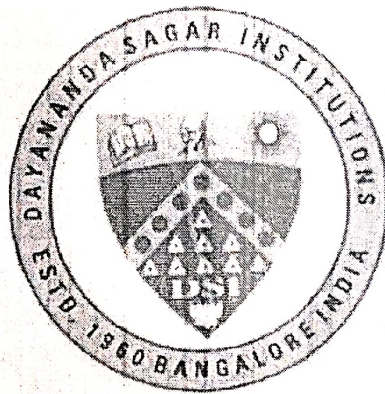
### INCLUDING CROWN & BRIDGE

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# DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES

Rajiv Gandhi University of Health Sciences,  
Bangalore




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POST GRADUATE WORK DOSSIER  
Dayananda Sagar College of Dental Sciences  
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Bangalore - 560 078.


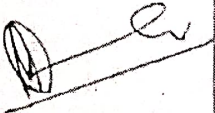
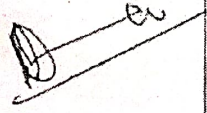
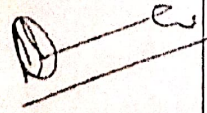

**DEPARTMENT OF PROSTHODONTICS  
INCLUDING CROWN & BRIDGE**


Pre-Clinical-  
Technical manual

M.D.S. – PART 1

  
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# COMPLETE DENTURES

SL. No.	Particulars	Sign	Starting date	Submission date
1.	Study casts and anatomical land marks a) Maxillary b) Mandibular		1-1-22	3-1-22.
2.	Primary impression			
	i. By using impression compound (3 Sets) a) Maxillary b) Mandibular		12-1-22.	18-1-22
	ii. By using alginate (1 Set) a) Maxillary b) Mandibular		19-1-22	19-1-22
3.	Pouring Cast			
	i. Beading and Boxing method (1 Set) a) Maxillary b) Mandibular		12-1-22	13-1-22.
	ii. Inversion method (1 Set) a) Maxillary b) Mandibular		6-1-22	7-1-22.

  
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 18-1-22

Preparation of Custom trays

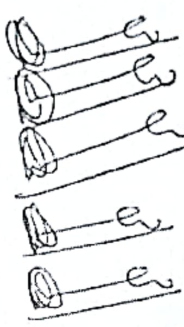
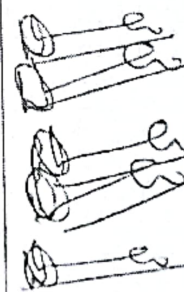
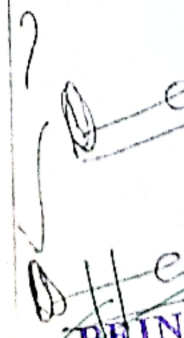
<p>i. Minimum pressure theory (1set) a) Acrylic Maxilla Mandible</p>		<p>11-1-22</p>	<p>14-1-22</p>
<p>ii. Selective pressure theory a) Shellac with reinforcement Maxilla Mandible b) Acrylic Maxilla Mandible</p>		<p>19-1-22</p>	<p>20-1-22</p>
<p>5 Preparation of temporary denture base Maxilla Mandible</p>		<p>21-1-22</p>	<p>21-1-22</p>
<p>6 Preparation of permanent denture base Heat cure Acrylic Maxilla Mandible</p>		<p>12-3-22</p>	<p>20-3-22</p>
<p>7. Preparation of occlusal rims (6 sets)</p>		<p>25-1-22</p>	<p>28-3-22</p>

*[Handwritten signature]*

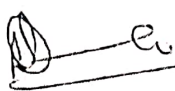
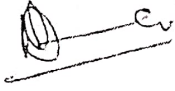


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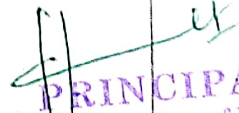
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L. No.	Particulars	Sign	Starting date	Submission date
I	Transfer of jaw relation (Class I, Class II, Class III) to mean value articulators Class I- 1 Class II-1 Class III-1 Class I-Monoplane-1 Class I-Characterization-1		• 1-2-22 • 2-3-22 • 7-2-22 • 5-2-22 • 11-2-22	1-2-22 3-2-22 8-2-22 5-2-22 12-2-22
II	Arrangement of artificial teeth, waxing and carving Class I- 1 Class II-1 Class III-1 Class I-Monoplane Class I -Characterization		• 3-2-22 • 3-3-22 • 9-3-22 • 14-3-22 • 14-2-22	12-2-22 8-3-22 12-3-22 23-3-22 26-2-22
III	Acrylisation Class I- 1 Class II-1 Class III-1 Class I -Monoplane-1 Class I-Characterization-1		3-4-22 • 3-4-22 • 5-4-22 • 5-4-22 8-3-22	4-4-22 4-4-22 6-4-22 6-4-22 13-3-22


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No.	Particulars	Sign	Starting date	Submission date
IV	Curing			
	a. Short curing :		1-04-22	5-04-22
	b. Long curing :		2-04-22	5-04-22
	c. Deflasking		3-04-22	5-04-22
V	Finishing and polishing		4-04-22	5-04-22

  
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## REMOVABLE PARTIAL DENTURES

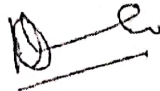
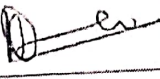


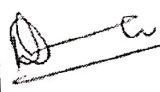
L. No.	Particulars	Sign	Starting date	Submission date
1.	Fabrication of cast partial dentures (Class I to class IV)			
	1. Surveying and Designing			
	2. Mouth preparation			
	3. Master cast Block out			
	4. Preparation of ledges			
	5. Spacer			
	6. Duplication			
	7. Wax Pattern			
	8. Spruing			
	9. Investing			
	10. Casting			
	11. Recovery			
	12. Sandblasting			
	13. Sprue cutting			
	14. Finishing & Polishing			
	15. Arrangement of teeth &			


  
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# FIXED PARTIAL DENTURES

Particulars	Sign	Starting date	Submission date
Preparations of ivory teeth/natural teeth (FVC)			
1- Full veneer crown for metal Crown - 37		17-3-22	23-3-22
Bridge - 45,46,47		23-3-22	26-3-22
2- Full veneer crown for ceramic-21		15-3-22	16-3-22
3- Porcelain fused to metal Bridge - 25,26,27		29-3-22	5-4-22
4- 3/4 Partial crown Canine-13.		6-4-22	7-4-22
Pre molar-24		8-4-22	11-4-22
5- 7/8th Partial crown Maxillary molar-16		12-4-22	13-4-22
6- Mesial 1/2 partial crown-36		8-4-22	9-4-22
7- Inlay-17		11-4-22	12-4-22
8- Laminates Composites-22		25-4-22	25-4-22
Ceramic-11		25-4-22	25-4-22
9- Adhesive Bridge- 41,31,32		22-4-22	23-4-22
2 Impression technique for fixed partial denture using elastomeric impression material		12-4-22	27-4-22

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3	Preparation of working cast with removable dies			
	a- Solid cast with individual die.		28-4-22	2-5-22
	b- Pindex system		2-5-22	3-5-22
	c- Double pins with sleeves with Cementation technique		3-5-22	2-5-22
4	Preparation of wax pattern for all Preparation Pontic design- Ridge lap Sanitary Modified ridge lap Modified sanitary Spheroidal or Conical		13-5-22	27-5-22
5	Fabrication of metal framework.			
	a) Full metal bridge for posterior (3 unit)			
	b) Coping for anterior (3 unit)			
	c) Adhesive bridge for Anteriors			
6	Fabrication of Crown			
	a- All Ceramic crown with characterization			
	b- Metal ceramic crowns with characterization			

  
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# MAXILLOFACIAL PROSTHESIS

Particulars	Sign	Starting date	Submission date
Maxillofacial prosthesis (M.F.P)			
a. Facial impression			
b. Ear impression & Ear prosthesis			
c. Finger impression & finger prosthesis			
d. Maxillary defect impression & obturator/feeding plate			

  
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# LABORATORY CERTIFICATE

This is to certify that

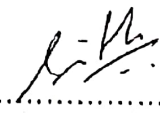
Mr./Miss Vulugundam Sudha Sarayu .....


Roll No 20D0931 .....

has satisfactorily completed the exercises on PRE - CLINICAL PROSTHODONTICS  
PRACTICALS prescribed by RAJIV GANDHI UNIVERSITY of HEALTH SCIENCES  
for B.D.S. Course in the laboratory of the institution in the

Year 2021 - 2022 .....

Date 9/07/2022 .....

  
.....  
Incharge Teacher

  
.....  
Head of the Department

Signature of examiners: 1)

2)

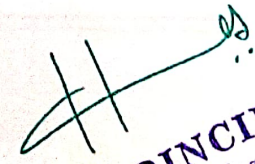
## Record of Submission

Name of the Candidate: Vulugundam Sudha Sarayu

University Reg No. : 20D0931

Examination Center:

Date of Practical Exam :

  
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EXERCISE NO. 6

**ARRANGEMENT OF TEETH IN CLASS I MOLAR  
RELATION**



Set No -01

SL. NO.	WORK	GRADE	SIGNATURE
1.	ARTICULATION	(B)	<u>SH</u>
2.	TEETH ARRANGEMENT a. ANTERIORS  MAXILLARY MANDIBULAR  b. POSTERIORS  MAXILLARY MANDIBULAR	(A)     (A)	<u>SH</u>     <u>SH</u>
3.	FINISHING AND POLISHING	(A)	<u>SH</u>
4.	Demounting		



**ARRANGEMENT OF TEETH IN CLASS I MOLAR  
RELATION**

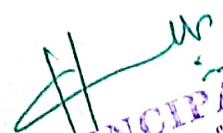
Set No -02

SL. NO.	WORK	GRADE	SIGNATURE
1.	ARTICULATION		<u>SH</u>
2.	TEETH ARRANGEMENT a. ANTERIORS MAXILLARY MANDIBULAR b. POSTERIORs MAXILLARY MANDIBULAR		<u>SH</u> <u>SH</u>
3.	FINISHING AND POLISHING		<u>SH</u>
4.	Demounting		

**ARRANGEMENT OF TEETH IN CLASS I MOLAR  
RELATION**

Set No - 03


SL. NO.	WORK	GRADE	SIGNATURE
1.	ARTICULATION		<i>[Signature]</i>
2.	TEETH ARRANGEMENT a. ANTERIORS  MAXILLARY MANDIBULAR  b. POSTERIORS  MAXILLARY MANDIBULAR		<i>[Signature]</i> 21/6/22  <i>[Signature]</i> 21/6/22
3.	FINISHING AND POLISHING		
4.	Demounting		

  
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**ARRANGEMENT OF TEETH IN CLASS I MOLAR  
RELATION**

Set No -04

SL. NO.	WORK	GRADE	SIGNATURE
1.	ARTICULATION		<i>stl</i> 22/6/2022
2.	TEETH ARRANGEMENT a. ANTERIORS  MAXILLARY  MANDIBULAR  b. POSTERIORS  MAXILLARY  MANDIBULAR		<i>stl</i>          <i>stl</i>
3.	FINISHING AND POLISHING		<i>stl</i>
4.	Demounting		

  
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 Karnataka - 560 078.

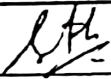

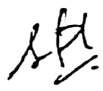
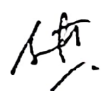

**ARRANGEMENT OF TEETH IN CLASS I MOLAR  
RELATION**


Set No -05

SL. NO.	WORK	GRADE	SIGNATURE
1.	ARTICULATION		<i>[Signature]</i>
2.	TEETH ARRANGEMENT a. ANTERIORS MAXILLARY MANDIBULAR  b. POSTERIOR MAXILLARY MANDIBULAR		<i>[Signature]</i>  <i>[Signature]</i>
3.	FINISHING AND POLISHING		<i>[Signature]</i> 4/2/072
4.	Demounting		

**ARRANGEMENT OF TEETH IN CLASS I MOLAR  
RELATION**

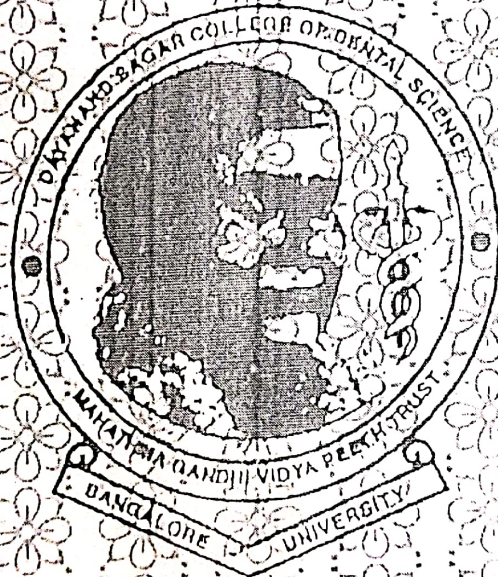
Set No -06

SL. NO.	WORK	GRADE	SIGNATURE
1.	ARTICULATION		
2.	TEETH ARRANGEMENT a. ANTERIORS  MAXILLARY MANDIBULAR  b. POSTERIOR  MAXILLARY MANDIBULAR		  
3.	FINISHING AND POLISHING		
4.	Demounting		

  
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OF DENTAL SCIENCES**

SHAVIGE MALLESWARA HILLS, KUMARASWAMY LAYOUT  
BANGALORE - 560 078.



**DEPARTMENT OF ORTHODONTICS**  
Practical / Clinical Record

**PRINCIPAL**

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BANGALORE - 560 078.

CERTIFICATE - WORK DONE

This is to certify that ..... SRISHA R ..... has satisfactorily completed  
the practical and the clinical work prescribed by the Rajiv Gandhi  
university for IV BPS ..... course Orthodontics ..... subject in the practical  
and clinical hours in the year 2000-200

Date 15/7/22

Signature of the Staff incharge 16/7/22

Head of the Department

Name of the Candidate Shrisha R

Batch 2021-22

Registration No. 1800105

university Rajiv Gandhi University of Health Sciences

Date of Examination .....

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Kumaraswamy Layout

Bangalore

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DEPARTMENT OF ORTHODONTICS  
DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES  
BANGALORE.

I History

1) Personal details

Patients name ... Nishad ..... Age 22 years Sex Female .....

Address ... Kumaraswamy layout .....

..... Telephone No. 9071816567 .....

Height 171 ..... Weight 60 Kg .....

2) Chief Complaint ... patient complains of forwardly placed lower <sup>incisors</sup> .....

3) Past medical history ... NRH .....

4) Past Dental History ... NRH .....

5) Family history ... NRH .....

6) Personal History (H/o Habits) ... No habits .....

7) Attitude of the patient

II Clinical Examination :

A) EXTRA - ORAL

1) Face form leptoprosopic

2) Facial symmetry no gross asymmetry detected

3) Facial profile Concave

4) Nose shape - convex nasal bridge

5) Nasolobial angle obtuse

6) Lips Competency Competent



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- 8) Chin Normal - Recessive - Prominent ✓  
 9) Mentalis Muscle Normal - Hyperactive

**B) INTRA - ORAL EXAMINATION :**

1) Oral hygiene status Fair

2) Gingiva  $\frac{7654321}{87654321} \mid \frac{1234567}{12345678}$

- 1) Teeth - present  
 - missing/unerupted  
 - decayed  
 - any other abnormality

3) Frenum - mucosal

4) Tongue Normal

5) Palate Deep

6) Angles Classification Molar's  
 Canines  
 Incisor

Class III Malocclusion on left side


7) Overjet ..... Absent .....

8) Overbite ..... Absent .....

9) Transverse Malocclusions Absent

10) Individual tooth

11) Any other irregularities

  
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c) **Functional Examination :**

- 1) Breathing pattern      Nasal
- 2) Swallowing pattern      Mature
- 3) Tongue thrust      Absent
- 4) Path of closure of mandible      Forward
- 5) Peri-oral Musculature      Normal

DIAGNOSIS (and any other referral if required)

  
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## STUDY MODEL ANALYSIS

- 1) Patient's name Nishad..... Ortho No .....
- 2) Teeth present 28
- 3) Angles Classification
- 4) Overjet Absent
- 5) Overbite Absent
- 6) Transverse malocclusion Absent
- 7) Any other irregularity
- 8) Tooth measurements :

TOOTH	UPPER		LOWER	
	RIGHT	LEFT	RIGHT	LEFT
CENTRAL INCISOR	9mm	9mm	6mm	6mm
LATERAL INCISOR	7mm	7mm	5mm	5mm
CANINE	8mm	8mm	7mm	7mm
FIRST PREMOLAR	7mm	7mm	7mm	7mm
SECOND PREMOLAR	7mm	7mm	7mm	7mm
FIRST MOLAR	11mm	11mm	10.5mm	10.5mm
<b>TOTAL</b>				

- 9) Other measurement

	UPPER	LOWER
Sum Mesiodistal width of 5+4+3+2+1+1+2+3+4+5 =	76mm	64mm
Sum mesio distal width of = 6+5+4+3+2+1+2+3+4+5+6	98mm	85mm
<b>ARCH PERIMETER</b>		
Premolar Diameter (PMD)	43mm	33mm
Premolar Basal Archwidth (PM BAW)	41mm	34mm

  
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## I Arch Perimeter analysis / Carey's Analysis

	Upper	Lower
a Space Available (Measured using brasswire from the mesiobuccal line angle of first Permanent molar of one side to Opposite side)	70.4mm	60.8mm
b Space Required (Sum of the Mesiodistal width of all the teeth anterior to the first permanent molar)	76mm	64mm
c Arch length discrepancy)		
i) Space Excess		
ii) Space Shortage	5.6mm	3.2mm

### Inference :

The discrepancy in maxilla is 5.6mm shortage  
 The discrepancy in mandible is 3.2mm shortage  
 Maxilla - Extraction of first Premolar  
 Mandible - Extraction of second Premolar

## II Korkhaus Analysis

- a) Sum mesiodistal width of 21|12 =
- b) Measured arch width in premolar region =
- c) Measured archwidth in molar region =
- d) Measured archwidth from incision to the inter premolar line =

from the Korkhaus Chart

- 1) Ideal archwidth in premolar region =
- 2) Ideal archwidth in molar region =
- 3) Ideal distance between incision and inter premolar line =

These values are for the sum mesiodistal width of the incisors of a particular patient)

### INFERENCE :

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## I Arch Perimeter analysis / Carey's Analysis

	Upper	Lower
a Space Available (Measured using brasswire from the mesiobuccal line angle of first Permanent molar of one side to Opposite side)	70.4mm	60.2mm
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- Sum mesiodistal width of 21|12
- Measured arch width in premolar region
- Measured archwidth in molar region
- Measured archwidth from incision to the inter premolar line

from the Korkhaus Chart

- Ideal archwidth in premolar region
- Ideal archwidth in molar region

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### III Ashley Hower's Analysis

	Upper	Lower
Total Tooth material (TTM)		
Sum of mesodistal width of 6+5+4+3+2+1+1+2+3+4+5+6	98mm	85mm
Premolar diameter (PMD)	43mm	33mm
Buccal cusp tip <u>4/to/4</u> (Premolar basal archwidth ( PMBAW))	41mm	34mm


- i)  $PMD > PMBAW$  = Expansion is contraindicated
- ii)  $PMD < PMBAW$  = Expansion is indicated
- iii)  $\frac{PMBAW}{TTM} \times 100$  ..... < 37% Extraction case  
 $\frac{41 \times 100}{98} = 41.837$  to 44% Borderline case  
 >44% Non Extraction case

#### INFERENCE :

$PMD > PMBAW$  → Expansion is contraindicated for Maxilla  
 41.8 is a borderline case

### IV MOYER'S MIXED DENTITION ANALYSIS :

- i) Sum of mesiodistal width of the  $\overline{21|12}$  = .....mm
- ii) Sum of mesodistal width  $\overline{345}$  from  
 Moyers chart at 75 % probability = .....mm
- iii) Sum of mesodistal width of  $\overline{345}$  from  
 Moyers chart at 75 % probability = .....mm

  
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	Upper		Lower	
	Rt	Lt	Rt	Lt
a) Space available (after aligning the incisors for 345)				
b) space required (Sum of mesiodistal width of 345 obtained from Moyer's chart)				
c) Space discrepancy				

**INFERENCE :**

**Summary of Model Analysis :**

A patient named Nishad of age 22 years came to the department of Orthodontics and dentofacial orthopaedics with the chief complaint of forwardly placed lower jaw.

On Carey's Arch Perimeter analysis, there is a discrepancy of 5.6mm shortage in maxilla and discrepancy of 3.2mm shortage in mandible.

On Ashley-Hawes analysis; PMD & PMBAW which contraindicates expansion in maxilla  
 $PMBAW\% = 41.8 = \text{borderline case}$

On Bolton's analysis; Maxillary tooth material excess of 4.9mm.  
 Maxillary Anterior tooth material excess of 4.9mm.

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### SUMMARY OF THE CASE :

A patient named Neshad of age 22 years came to the department of orthodontics and dentofacial orthopaedics with the chief complaint of forwardly placed lower. In the sagittal view, skeletal class III malocclusion is present. Overjet and overbite are absent. Soft tissues examination - lips are competent, mentalis sulcus is shallow and nasolabial sulcus is acute.

### TREATMENT OBJECTIVES :

- Patient education and motivation
- To level and align the arch
- To correct rotations and to achieve / maintain class I molar relationship.
- To improve esthetics

### TREATMENT PLAN :

(EXTRACTION OR NON EXTRACTION CASE)

STAGES OF TREATMENT AND DURATION OF EACH STAGE)

Oral Prophylaxis

Pre surgical orthodontics

Orthodontic phase

Stage 1 - Leveling and aligning using Ni-Ti wires

Stage 2 - Space closure using E-chains

Stage 3 - Surgical Phase

Maxillary advancement - Lefort I osteotomy  
Mandibular retraction - bilateral sagittal split osteotomy.

APPLIANCE

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5/2/22

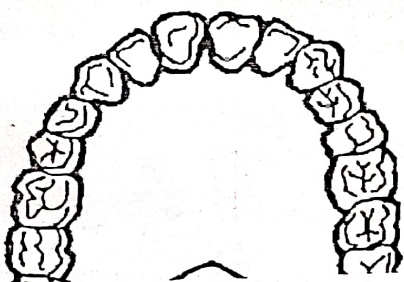
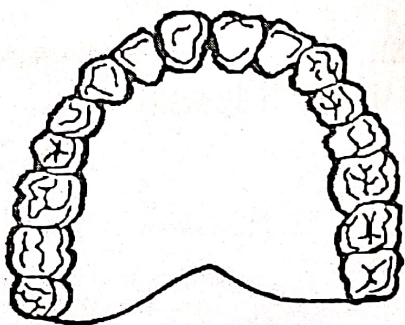
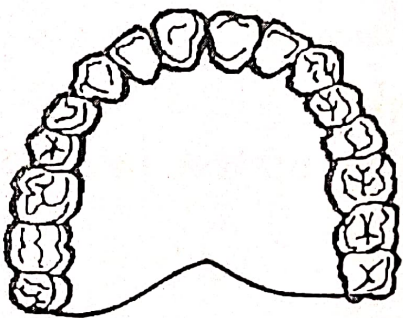
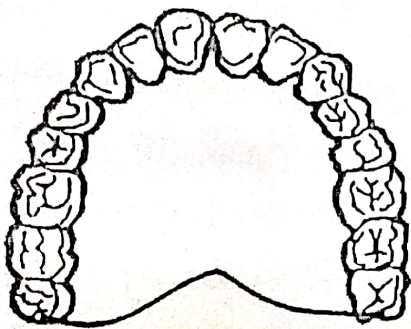
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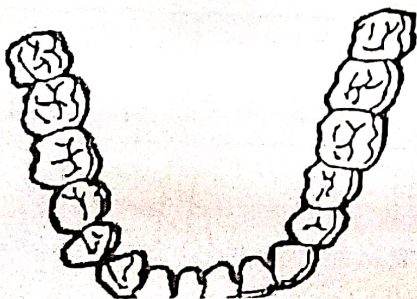
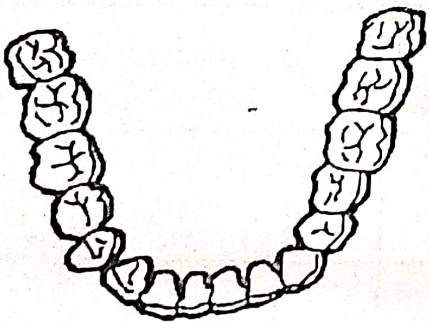
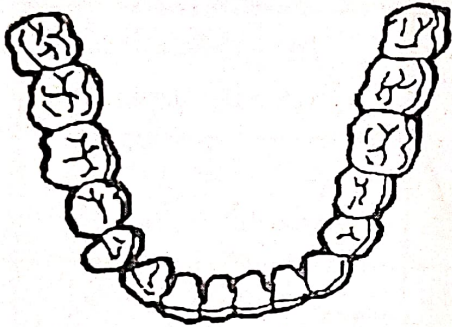
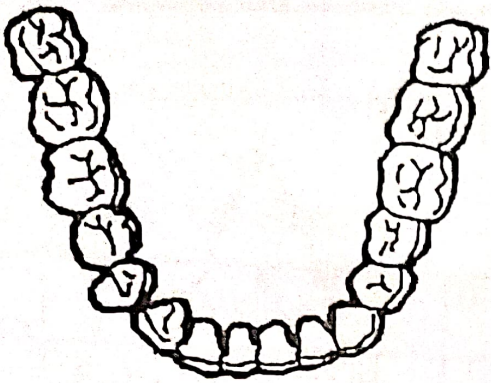
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# DESIGN OF THE APPLIANCE

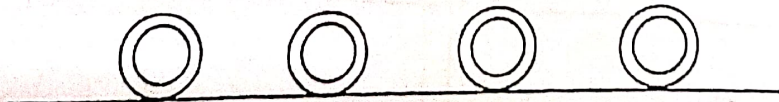
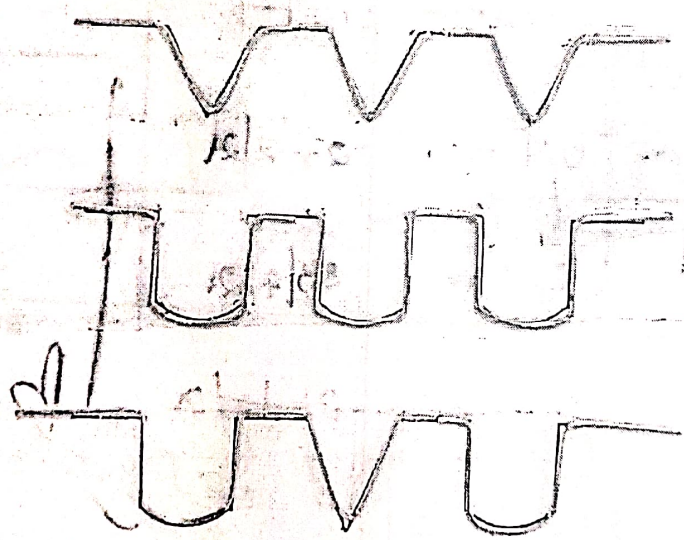
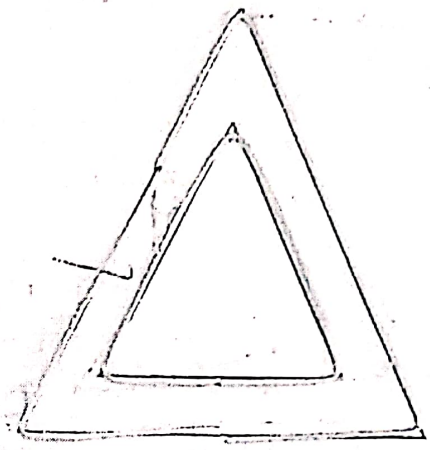
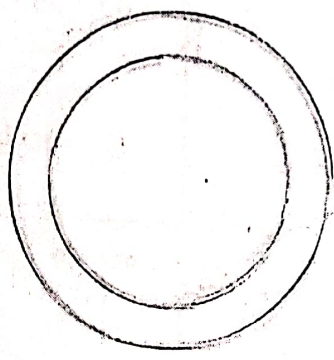
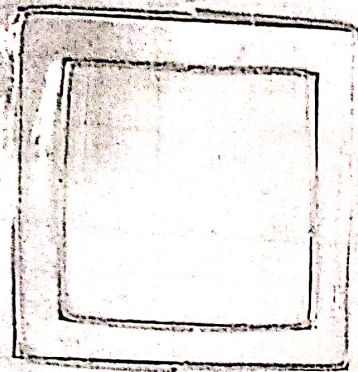
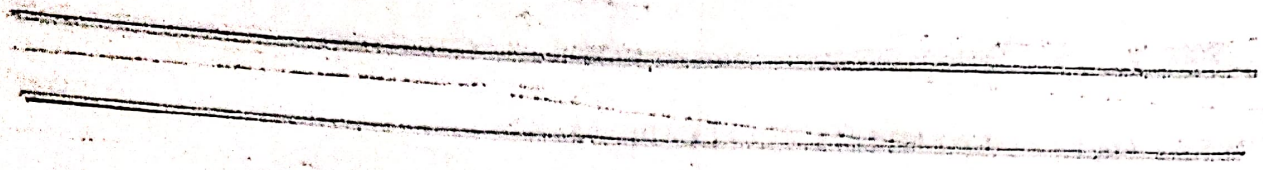


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*[Signature]*



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*Handwritten signature*

# THIRD YEAR B.D.S.

## BASIC WIRE BENDING EXERCISES

Ex. No.	Description	Diameter of wire in m.m.	Date of submission	Grade	Signature of Staff	
01	Fabrication of straight wire	0.7 mm	26/3/21	B <sup>1P</sup>	Sharma	
02	Fabrication of straight wire	0.7 mm	26/3/21	B <sup>1P</sup>	Sharma	
03	Fabrication of square [large]	0.7 mm	26/7/21	B <sup>1</sup>	<del>Sharma</del> 26/7/21	
04	Fabrication of small square	0.7 mm	23/7/21	}		
05	Fabrication of large triangle	0.7 mm	23/7/21			
06	Fabrication of small triangle	0.7 mm	23/7/21		B <sup>1P</sup>	<del>Sharma</del> 23/7/21
07	Fabrication of small circle	0.7 mm	23/7/21			
08	Fabrication of large circle	0.7 mm	26/7/21			
09	Fabrication of V	0.7 mm	26/7/21	}		
10	Fabrication of U	0.7 mm	26/7/21		B <sup>1P</sup>	<del>Sharma</del> 26/7/21
11	Fabrication of UV	0.7 mm	20/7/21			

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# CLASPS

Ex. No.	Description	Diameter of wire in m.m.	Date of submission	Grade	Signature of Staff
01	Fabrication of C-clasp	0.7mm	13/8/21	B <sup>+</sup>	<del>Signature</del> 13/8/21
02	Fabrication of C-clasp	0.7mm	27/8/21	B <sup>+</sup>	<del>Signature</del> 27/8/21
03	Fabrication of C-clasp	0.7mm	27/8/21	B <sup>+</sup>	<del>Signature</del> 27/8/21
04	Fabrication of C-clasp	0.7mm	27/8/21	A	<del>Signature</del> 27/8/21
05	Fabrication of U-clasp	0.7mm	3/9/21	A	<del>Signature</del> 3/9/21
06	Fabrication of U clasp	0.7mm	7/9/21	B <sup>+</sup>	<del>Signature</del> 7/9/21
07	Fabrication of T clasp	0.7mm	8/9/21	B <sup>+</sup>	<del>Signature</del>
08	Fabrication of T clasp	0.7mm	8/9/21		
09	Fabrication of T clasp	0.7mm	8/9/21		
10	Fabrication of U clasp	0.7mm	8/9/21	B <sup>+</sup>	<del>Signature</del> 8/9/21
11	Fabrication of Tri U clasp	0.7mm	8/9/21	B <sup>+</sup>	<del>Signature</del> 8/9/21
12	Fabrication of T clasp	0.7mm	9/9/21	B <sup>+</sup>	<del>Signature</del> 9/9/21

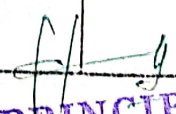
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## THIRD YEAR BDS PRACTICAL ASSESMENT

Date	Wire Bending	Grade / Marks			Initials

### ATTENDANCE

	Total No. of Working days		No. of days attended		Percentage	Total
	First Term	Second Term	First Term	Second Term		
Theory						
Practical						

  
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			Grade	Signature
	Fabrication of Adams clasp	0.7mm	17/9/2021	B <sup>+</sup> (4) <del>Signature</del> 17/9/21
	Fabrication of Adams clasp	0.7mm	24/9/2021	B <sup>+</sup> (2) <del>Signature</del>
	Fabrication of Adams clasp	0.7mm	24/9/2021	B <sup>+</sup> 24/9/21
	Fabrication of Adams clasp	0.7mm	24/3/22	B <sup>+</sup> <del>Signature</del> 24/3/22
1	Fabrication of Adams clasp	0.7mm	5/4/22	B <sup>++</sup> <del>Signature</del> 05/04/2022
1	Fabrication of Adams clasp	0.7mm	5/4/22	B <sup>++</sup>
7	Fabrication of Adams clasp	0.7mm	12/4/22	B <sup>++</sup> <del>Signature</del>
20	Fabrication of Adams clasp	0.7mm	13/4/22	B <del>Signature</del> 13/04/22
21	Fabrication of Adams clasp	0.7mm	13/4/22	B <del>Signature</del> 13/4/22

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Workdone	Diameter of wire	Date of Submission	Grade	Signature
fabrication of finger spring	0.6mm	25/3/22	B	
fabrication of finger spring	0.6mm	25/3/22		
fabrication of finger spring	0.6mm	25/3/22		
fabrication of 2 Spring	0.6mm	25/3/22		
fabrication of finger spring	0.6mm	25/3/22		
fabrication of 2 Spring	0.6mm	25/3/22		
fabrication of 2 Spring	0.6mm	25/3/22		
fabrication of 2 Spring	0.6mm	28/3/22		

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*[Signature]*  
 25/3/22



Sl. No	Workdone	Diameter of wire	Date of submission	Grade	Signature
09	fabrication of helical canine retractor	0.6mm	28/3/22	B <sup>++</sup>	<del>Signature</del> 28/3/22
10	fabrication of helical canine retractor	0.6mm	28/3/22	B <sup>++</sup>	<del>Signature</del> 28/3/22
11	fabrication of Buccal loop canine retractor	0.6mm	28/3/22	A	<del>Signature</del> 28/3/22
12	fabrication of buccal canine retractor	0.6mm	28/3/22	B <sup>++</sup>	<del>Signature</del> 28/3/22
13	fabrication of palatal canine retractor	0.6mm	28/3/22	B <sup>++</sup>	<del>Signature</del> 28/3/22
14	fabrication of U loop canine retractor	0.6mm	30/3/22		

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 Bangalore - 560 075.

Work done

Duration of work

Submission

Signature

fabrication of long labial bow

0. 1 hour

16/7/22

fabrication of short labial bow

0. 1 hour

16/7/22

fabrication of short lingual bow


0. 1 hour

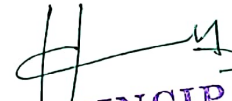
16/7/22

fabrication of reverse labial bow

0. 1 hour

16/7/22

B  
  
16/7/22

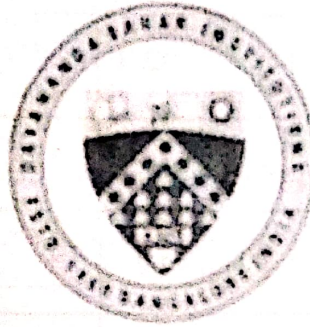


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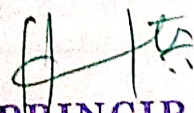
ADNAN A. MANJATHY  
1<sup>st</sup> YEAR PG ORTHODONTICS

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**ORTHODONTICS AND DENTOFACIAL  
ORTHOPAEDICS**

**POST GRADUATE  
PRECLINICAL EXERCISES**

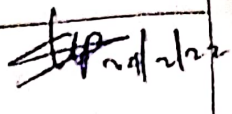
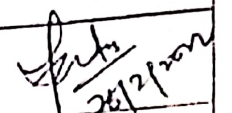
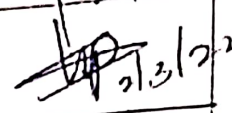
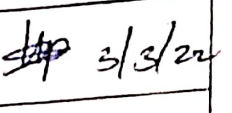
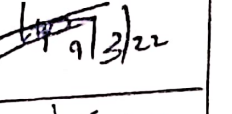
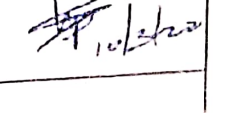
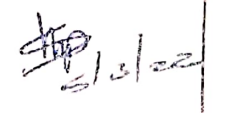
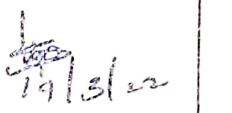
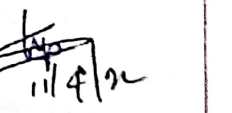
  
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SL NO	EXERCISES	DATE OF STARTING	DATE OF COMPLETION	REMARKS	GRADE	STAFF SIGNATURE
<b>BASIC WIRE BENDING EXERCISES</b>						
1.	Straightening of wire (2 nos)	1) 5-01-2022	7-01-2022		(C <sup>v</sup> )	<del>7/1/22</del>
		2) 8-01-2022	11-01-2022		(C)	<del>11/1/22</del>
2.	Triangle (2 nos)	3) 15-01-2022	31-01-2022		B <sup>++</sup>	<del>31/1/22</del>
		4) 29-01-2022	31-01-2022		B <sup>++</sup>	<del>31/1/22</del>
3.	Square (2 nos)	11-01-2022	13-01-2022		(B <sup>o</sup> )	<del>13/1/22</del>
		14-01-2022	14-01-2022		(R)	<del>14/1/22</del>
4.	Circle (2 nos)	1) 31-01-2022	31-01-2022		(L)	<del>31/1/22</del>
		2) 31-01-2022	31-01-2022		(B)	<del>31/1/22</del>
5.	Fabrication of U-V (2 nos)	1) 1-02-2022	7-02-2022		B <sup>+</sup>	<del>7/2/22</del>
		2) 8-02-2022	9-02-2022		B	<del>9/2/22</del>
6.	C-Clasp (2 nos)	1) 9-02-2022	10-02-2022		B <sup>+</sup>	<del>10/2/22</del>
		2) 9-02-2022	10-02-2022		B <sup>+</sup>	<del>10/2/22</del>
7.	Full Clasp (2 nos)	1) 10-02-2022	10-02-2022		B <sup>+</sup>	<del>10/2/22</del>
		2) 10-02-2022	10-02-2022		B <sup>+</sup>	<del>10/2/22</del>
8.	Triangular clasp (2 nos)	1) 11-02-2022	11-02-2022		B	<del>11/2/22</del>
		2) 11-02-2022	11-02-2022		B	<del>11/2/22</del>

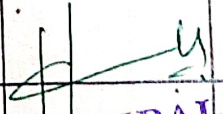
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SL NO	EXERCISES	DATE OF STARTING	DATE OF COMPLETION	REMARKS	GRADE	STAFF SIGNATURE
9.	Adams clasp on upper molar (2 nos) 1)	12-02-2022	12-02-2022		B+	<del>Signature</del>
	2)	14-02-2022	15-02-2022		B++	<del>Signature</del> 15/2/22
10.	Adams clasp on lower molar (2 nos) 1)	14-02-2022	15-02-2022		B++	<del>Signature</del> 15/2/22
	2)	15-02-2022	16-02-2022		B++	<del>Signature</del> 16/2/22
11.	Adams clasp on premolar (2 nos) 1)	14-02-2022	15-02-2022		B++	<del>Signature</del> 15/2/22
	2)	14-02-2022	15-02-2022			
12.	Adams clasp on incisors (1 no)	17-02-2022	19-02-2022		B+	<del>Signature</del> 19/2/22
13.	Adams clasp with distal extension (2 nos) 1)	15-02-2022	18-02-2022		B+	<del>Signature</del> 18/2/22
	2)	15-02-2022	19-02-2022		B++	<del>Signature</del> 19/2/22
14.	Adams clasp with helix (2 nos) 1)	15-02-2022	19-02-2022		B+	<del>Signature</del> 19/2/22
	2)	19-02-2022	19-02-2022		B+	<del>Signature</del> 19/02/22
15.	Adams with J hook (2 nos)					<del>Signature</del>
16.	Delta clasp on upper molars (2 nos) 1)	21-02-2022	22-02-2022	PRINCIPAL Nayananda Sagar College of Dental Sciences Kumareswamy Layout, Bangalore - 560 078.		<del>Signature</del>
	2)	21-02-2022	22-02-2022			
17.	Delta clasp on lower molars (2 nos) 1)	20-02-2022	21-02-2022		B++	<del>Signature</del> 21/2/22
	2)	21-02-2022	22-02-2022		B++	<del>Signature</del> 22/2/22

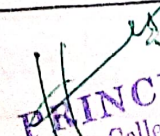
SL. NO	EXERCISES	DATE OF STARTING	DATE OF COMPLETION	REMARKS	GRADE	STAFF SIGNATURE
18.	Short labial bow (2 nos) 1)	23-02-2022	24-02-2022		B <sup>++</sup>	
	2)	25-02-2022	26-02-2022		B <sup>+</sup>	
19.	Long labial bow (2 nos) 1)	2-03-2022	2-03-2022		B	
	2)	3-03-2022	5-03-2022		B <sup>+</sup>	
20.	Reverse labial bow (2 nos) 1)	9-03-2022	9-03-2022		B <sup>++</sup>	
	2)	9-03-2022	10-03-2022		B <sup>++</sup>	
21.	Fitted labial bow (1 no) 1)	4-03-2022	5-03-2022		B <sup>++</sup>	
22.	Robert's retractor (1 no)					
23.	Mill's retractor (1 no) 1)	13-03-2022	14-03-2022		B <sup>++</sup>	
24.	High labial bow with apron spring (1 no)					
25.	Retention labial bow soldered to adams clasp (1 no)					
26.	Split labial bow (1 no) 1)	10-04-2022	11-04-2022		B <sup>+</sup>	

  
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NO	EXERCISES	DATE OF STARTING	DATE OF COMPLETION	REMARKS	GRADE	STAFF SIGNATURE
27.	Finger spring 1) for mesial movement	3-03-2022	9-03-2022		B <sup>++</sup>	<del>HP</del> 9/3/22
	(2 nos) 2)	8-03-2022	9-03-2022		B <sup>++</sup>	<del>HP</del> 9/3/22
28.	Finger spring 1) for distal movement	9-03-2022	10-03-2022		B <sup>++</sup>	<del>HP</del> 10/3/22
	(2 nos) 2)	9-03-2022	10-03-2022		B <sup>++</sup>	<del>HP</del> 10/3/22
29.	Double cantilever spring 1)	6-03-2022	7-03-2022		B <sup>++</sup>	<del>HP</del> 26/3/22
	(2 nos) 2)	7-03-2022	8-03-2022		B <sup>++</sup>	<del>HP</del> 26/3/22
30.	T spring 1)	15-03-2022	16-03-2022		B <sup>+</sup>	<del>HP</del> 16/3/22
	(2 nos) 2)	21-03-2022	22-03-2022		B <sup>++</sup>	<del>HP</del> 22/3/22
31.	Coffin spring (1 no) 1)	11-4-2022	12-4-2022		B	<del>HP</del> 12/4/22
32.	U loop canine 1) retractor	6-03-2022	7-03-2022		B <sup>++</sup>	<del>HP</del> 21/3/22
	(2 nos) 2)	6-03-2022	9-03-2022		B <sup>++</sup>	<del>HP</del> 9/3/22
33.	Helical canine 1) retractor	6-03-2022	9-03-2022		B <sup>+</sup>	<del>HP</del> 9/3/22
	(2 nos) 2)	9-03-2022	10-03-2022		B <sup>++</sup>	<del>HP</del> 10/3/22
34.	Palatal canine 1) retractor	10-03-2022	11-03-2022		B <sup>++</sup>	<del>HP</del> 11/3/22
	(2 nos) 2)	13-03-2022	14-03-2022		B <sup>++</sup>	<del>HP</del> 14/3/22
35.	Self supporting canine retractor	9-03-2022	10-03-2022		B <sup>++</sup>	<del>HP</del> 10/3/22

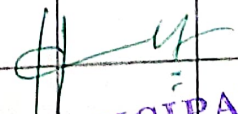
  
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SL NO	EXERCISES	DATE OF STARTING	DATE OF COMPLETION	REMARKS	GRADE	STAFF SIGNATURE
		<b>BASIC SOLDERING EXERCISES</b>				
1.	Star (1 no)					
2.	Cross (1 no)					
3.	Plus (1 no)					
4.	Christmas tree (1 no)					
		<b>APPLIANCE FABRICATION EXERCISES</b>				
1.	Hawleys retention appliance upper & lower					
2.	Begg retainer with anterior bite plane					
3.	Hawleys appliance with posterior bite plane					
4.	Upper expansion appliance with jack screw					

  
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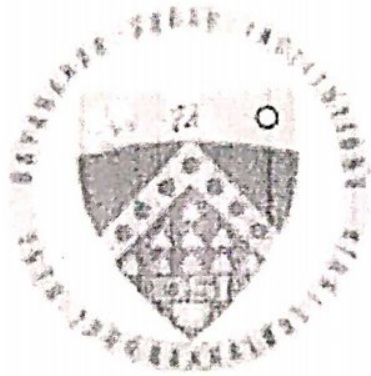
NO	EXERCISES	DATE OF STARTING	DATE OF COMPLETION	REMARKS	GRADE	STAFF SIGNATURE
5.	Habit breaking appliance With tongue crib					
6.	Lip bumper					
7.	Upper expansion appliance with RME screw					
<b>FUNCTIONAL APPLIANCE FABRICATION EXERCISES</b>						
8.	Activator					
9.	Bionator					
10.	Twin Block					
11.	Frankel Appliance (FR-2)					
12.	Maxillary splint with head gear					

  
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Dayananda Sagar College of Dental Sciences

Bengaluru

Department of Periodontology




PRE-CLINICAL RECORD

By

DR. MRUDULA.I

POST GRADUATE STUDENT

2019-2022

  
**PRINCIPAL**  
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# Department of Periodontology



## PRE-CLINICAL RECORD

Submitted By

DR. MRUDULA.I

POST GRADUATE STUDENT

2019-2022

Guide

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Professor and Head  
Department of Periodontics

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Bangalore-560111

Head of the Department

Dr. SAVITA A.M

Professor and Head

Department of Periodontics

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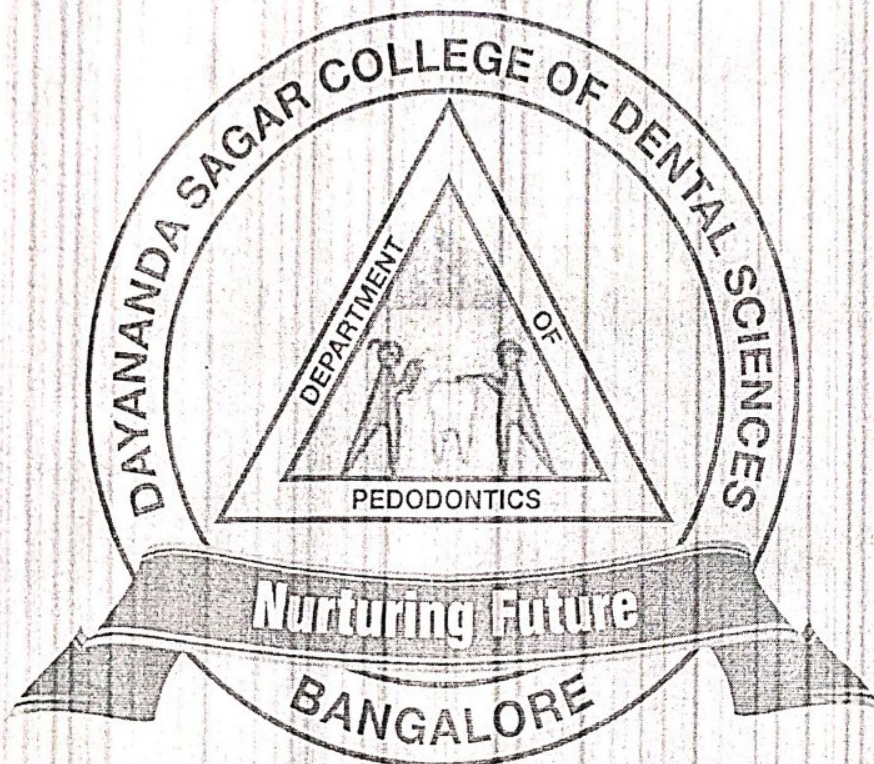
S.NO	TOPICS	PG NO
1	Suture and Suturing Techniques	1-46
2	Splinting	47-64
3	Occlusal Adjustments on Casts	65-84
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Hosalli Akash

# DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES

SHAVIGE MALLESWARA HILLS, KUMARSWAMY LAYOUT,  
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DEPARTMENT OF PEDODONTICS &  
PREVENTIVE DENTISTRY

CLINICAL RECORD BOOK  
BDS COURSE

  
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Bangalore - 560 078.


# CERTIFICATE

This is to certify that HOSALLI AKASH has  
satisfactorily completed the required quota of work as prescribed  
by RGUHS in the Department of Pedodontics and Preventive  
Dentistry at DSCDS in the year 20 21 - 2022

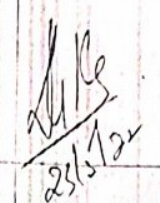
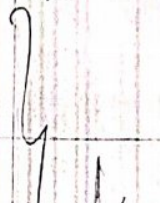
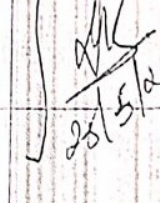
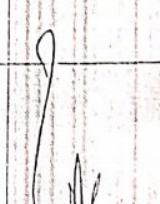
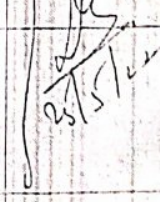
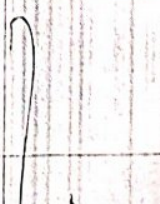
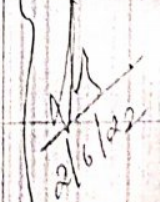

Signature  
Staff in Charge

Signature  
Head of the Department

Date: 25/07/2022

  
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Work done

Sl.no	Wax carving	Date	Grade	Signature
1.	Primary maxillary central incisor	23/5/22	B	    
2.	Primary maxillary lateral incisor	25/5/22	B	
3.	Primary maxillary canine	25/5/22	B	
4.	Primary mandibular central incisor	25/5/22	B	
5.	Primary mandibular lateral incisor	25/5/22	B	
6.	Primary mandibular canine	25/5/22	B	
7.	Primary maxillary first molar	2/6/22	B	 
8.	Primary maxillary second molar	2/6/22		
9.	Primary mandibular first molar	2/6/22		
10.	Primary mandibular second molar	30/5/22	B	

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