

MAHE INSTITUTE OF DENTAL SCIENCES & HOSPITAL
 Affiliated to Pondicherry Central University, Recognized by Dental Council of India
 Chalakkara, P.O. Pallor, Mahe-673 310
 U.T. of Puducherry. Ph : 0490 2337765

DEPARTMENT OF PERIODONTICS

COURSE PLAN

Academic Year: 2022-2023

Program: IV BDS REGULAR

Course Name: PERIODONTICS

Sl. no	Lesson No.	Planned date	Executed Date	Title	Faculty Name	Methodology	Teaching Tools	Remarks if any	Signature
1	14	29-11-22	29-11-22	Furcation Involvement	Dr Nanditha Chandran	Lecture	Custom made ppt		
2	15	1-12-22	1-12-22	Desquamative Gingivitis	Dr VishnuSriPriya	Lecture	Custom made ppt		
3	16	6-12-22	6-12-22	Clinical Diagnosis-Part 1	Dr Nanditha Chandran	Lecture	Custom made ppt		
4	17	8-12-22	8-12-22	Clinical Diagnosis-Part 2	Dr Mahesh Raj	Lecture	Custom made ppt		
5	18	13-12-22	13-12-22	Clinical Diagnosis-Part 3	Dr Arjun M R	Lecture	Custom made ppt		
6	19	15-12-22	15-12-22	Clinical Diagnosis-Part 4	Dr Hemalatha D M	Lecture	Custom made ppt		
7	20	20-12-22	20-12-22	Clinical Diagnosis-Part 5	Dr Jilu Abraham	Lecture	Custom made ppt		
8	21	22-12-22	22-12-22	Clinical Diagnosis-Part 6	Dr Hemalatha D M	Lecture	Custom made ppt		
9	22	27-12-22	27-12-22	Clinical Diagnosis-Part 7	Dr Subair K	Lecture	Custom made ppt		



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56	23	29-12-22	29-12-22	Clinical Diagnosis-Part 8	Dr Jilu Abraham	Lecture	Custom made ppt		
57	24	3-1-23	3-1-23	Acute Gingival Infections	Dr D M Hemalatha	Lecture	Custom made ppt		
58	25	5-01-23	5-01-23	Chronic Periodontitis	Dr Vishnusri Priya	Lecture	Custom made ppt		
59	26	10-01-23	10-01-23	Furcation Involvement	Dr Nanditha Chandran	Lecture	Custom made ppt		
60	27	12-01-23	12-01-23	Radiographic aids in diagnosis	Dr Hemalatha D M	Lecture	Custom made ppt		
61	28	17-01-23	17-01-23	General Principles of Periodontal surgery	Dr Subair K	Lecture	Custom made ppt		
62	29	19-01-23	19-01-23	Bone loss and patters of bone destruction	Dr Mahesh Raj	Lecture	Custom made ppt		
63	30	24-01-23	24-01-23	Defence Mechanism of gingiva	Dr Jilu Abraham	Lecture	Custom made ppt		
64	31	31-01-23	31-01-23	Aggressive Periodontitis	Dr Arjun M R	Lecture	Custom made ppt		
65	32	2-02-23	2-02-23	Chronic Periodontitis	Dr Vishnusri Priya	Lecture	Custom made ppt		
66	33	7-02-23	7-02-23	Defence Mechanism of gingiva	Dr Jilu Abraham	Lecture	Custom made ppt		
67	34	09-02-23	09-02-23	Acute Gingival Infections	Dr Hemalatha D M	Lecture	Custom made ppt		



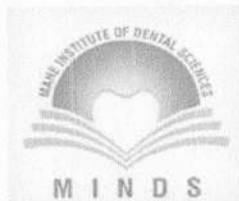
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68	35	14-02-23	14-02-23	General Principles of Periodontal surgery	Dr Subair K	Lecture	Custom made ppt		
69	36	16-02-23	16-02-23	Endo Perio Lesion	Dr Mahesh Raj	Lecture	Custom made ppt		
70	37	21-02-23	21-02-23	Treatment of Furcation Involvement	Dr Nanditha Chandran	Lecture	Custom made ppt		
71	38	23-02-23	23-02-23	Aggressive Periodontitis	Dr Arjun M R	Lecture	Custom made ppt		
72	39	28-02-23	28-02-23	Radiographic aids in periodontal diagnosis	Dr Hemalatha D M	Lecture	Custom made ppt		
73	40	2-03-23	2-03-23	Periodontal Abscess	Dr Vishnusri Priya	Lecture	Custom made ppt		
74	41	16-03-23	16-03-23	Treatment of Furcation Involvement	Dr Nanditha Chandran	Lecture	Custom made ppt		
75	42	21-03-23	21-03-23	Bone loss and patterns of bone destruction	Dr Jilu Abraham	Lecture	Custom made ppt		
76	43	23-03-23	23-03-23	Aggressive Periodontitis	Dr Arjun M R	Lecture	Custom made ppt		
77	44	28-03-23	28-03-23	Periodontal Abscess	Dr Vishnusri Priya	Lecture	Custom made ppt		
78	45	30-03-23	30-03-23	Bone loss and patterns of bone destruction	Dr Jilu Abraham	Lecture	Custom made ppt		
79	46	6-04-23	6-04-23	Host modulation therapy	Dr Nanditha	Lecture	Custom made		



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					Chandran		ppt		
80	47	11-04-23	11-04-23	Host modulation therapy	Dr Nanditha Chandran	Lecture	Custom made ppt		
81	48	13-04-23	13-04-23	Mechanical Plaque control	Dr Hemalatha D M	Lecture	Custom made ppt		
82	49	18-04-23	18-04-23	Chemical plaque control	Dr Jilu Abraham	Lecture	Custom made ppt		
83	50	20-04-23	20-04-23	Periodontal Flap	Dr Vishnusri Priya	Lecture	Custom made ppt		
84	51	2-05-23	2-05-23	Periodontal Flap	Dr Vishnusri Priya	Lecture	Custom made ppt		
85	52	4-05-23	4-05-23	Endo Perio Lesion	Dr Hemalatha D M	Lecture	Custom made ppt		
86	53	9-05-23	9-05-23	Endo Perio Lesion	Dr Hemalatha D M	Lecture	Custom made ppt		
87	54	11-05-23	11-05-23	Periodontal Flap	Dr Vishnusri Priya	Lecture	Custom made ppt		
88	55	30-05-23	30-05-23	Risk Factors	Dr Jilu Abraham	Lecture	Custom made ppt		
89	56	1-06-23	1-06-23	Question paper discussion	Dr Nanditha Chandran	Discussion	Custom made ppt		
90	57	6-06-23	6-06-23	Regenerative Osseous Surgery	Dr Nanditha Chandran	Lecture	Custom made ppt		
91	58	8-06-23	8-06-23	Prognosis	Dr DM Hemalatha	Lecture	Custom made ppt		



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92	59	13-06-23	13-06-23	Periodontal Plastic and Esthetic Surgery	Dr Subair K	Lecture	Custom made ppt		
93	60	15-06-23	15-06-23	Advanced Diagnostic aids	Dr Vishnusri Priya	Lecture	Custom made ppt		
94	61	20-06-23	20-06-23	Risk Factors	Dr Jilu Abraham	Lecture	Custom made ppt		
95	62	22-06-23	22-06-23	Risk Factors	Dr Jilu Abraham	Lecture	Custom made ppt		
96	63	27-06-23	27-06-23	Advanced Diagnostic aids	Dr Vishnusri Priya	Lecture	Custom made ppt		
97	64	29-06-23	29-06-23	Resective Osseous surgery	Dr Arjun MR	Lecture	Custom made ppt		
98	65	4-07-23	4-07-23	Regenerative osseous surgery	Dr Nanditha Chandran	Lecture	Custom made ppt		
99	66	6-07-23	6-07-23	SPT	Dr DM Hemalatha	Lecture	Custom made ppt		
100	67	11-07-23	11-07-23	Treatment Plan	Dr Jilu Abraham	Lecture	Custom made ppt		
101	68	13-07-23	13-07-23	Advanced Diagnostic aids	Dr Vishnu sri Priya	Lecture	Custom made ppt		
102	69	18-07-23	18-07-23	Clinical Diagnosis	Dr Subair K	Lecture	Custom made ppt		



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103	70	20-07-23	20-07-23	Seminar	Dr Jilu Abraham	Discussion	Custom made ppt		
104	71	25-07-23	25-07-23	Seminar	Dr Subair k	Discussion	Custom made ppt		
105	72	3-08-23	3-08-23	Gingival surgical techniques	Dr D M Hemalatha	Lecture	Custom made ppt		
106	73	8-08-23	8-08-23	Dental Implants	Dr Subair K	Lecture	Custom made ppt		
107	74	10-08-23	10-08-23	Clinical diagnosis	Dr Vishnusri Priya	Lecture	Custom made ppt		
108	75	17-08-23	17-08-23	Periodontal medicine	Dr Jilu Abraham	Lecture	Custom made ppt		
109	76	22-08-23	22-08-23	Regenerative Osseous surgery	Dr Nanditha Chandran	Lecture	Custom made ppt		
110	77	24-08-23	24-08-23	Clinical diagnosis	Dr Vishnusri Priya	Lecture	Custom made ppt		
111	78	31-08-23	31-08-23	Gingival surgical techniques	Dr D M Hemalatha	Lecture	Custom made ppt		
112	79	1-9-22	1-9-22	Ortho Perio interrelationship	Dr Mahesh Raj	Lecture	Custom made ppt		



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113	80	6-9-22	6-9-22	Clinical Diagnosis	Dr Subair	Lecture	Custom made ppt		
114	81	13-9-22	13-9-22	Local Drug delivery	Dr Arjun M R	Lecture	Custom made ppt		
115	82	15-9-22	15-9-22	Seminar	Dr Vishnusri Priya	Discussion	Custom made ppt		

Total hours allotted by DCI: 50hrs

Total hours Planned: 86hrs

Total hours Executed: 86hrs



DEPARTMENT OF PERIODONTICS
LESSON PLAN- THEORY FOR THE ACADEMIC YEAR 2022-2023

Lesson Title: Furcation Involvement	Particulars	Planned	Actual	Lesson No: 14
	Date	29-11-22	29-11-22	
	Time	8.45-9.30am	8.45-9.30am	
Teacher: Dr Nanditha Chandran	Subject: Periodontology			Class: IV BDS

Goal: To make students learn about Furcation Involvement

Lesson Outcome/ Objective (s): At the end of the class the student should be able to

1. Understand in detail on clinical and radiographic features of FI
2. Lesson outcome related to CO3

Prerequisite Concepts and Skills: The student is required to know about etiology and pathogenesis of Furcation Involvement

Materials and Resources:

Teacher	Students
Custom prepared power point of the lesion. Black board.	Note book.

Lesson Activities:

Teacher Activities	Student Activities	Time
Introduction Body: detailed description about Furcation Involvement . Students are advised to listen to the class and note down important points. Closure: conclusion. Periodontal findings in FI	Listen to the class Make notes and write down important points Answer the questions on FI	<u>45 min</u>

Strategies: Students are made to sit comfortably. All students should have a proper view of power point display and black board. Contributions will be encouraged from the students. They are also encouraged to clarify their doubts

Assessment and Evaluation methods to ascertain extent of having met the Lesson Outcome: At the end of the class students will be asked to answer the questions and evaluate



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few clinical photographs on Furcation involvement. Students will be able to explain clinical features of FI.

Extensions: The students will be able to link this topic with pathogenesis of Periodontal diseases.

Faculty Name & Sign
Prepared by

A. Nanditha
A. Nanditha

HOD
Dept of Periodontics



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DEPARTMENT OF PERIODONTICS

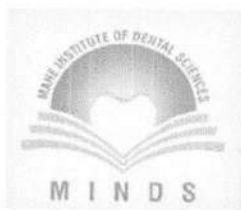
COURSEPLAN

Academic Year: 2022-2023
Year :4th year- Practicals
Batch : B
Posting :First round

Sl. no	Lesson No.	Planned date	Execution date	Title	Faculty name	Methodology	Teaching Tools	Remarks if any	Signature
1.	26	28-11-22	28-11-22	Discussion on classification of Instruments	Dr Subair K	Discussion	Chair side discussion		
2.	27	29-11-22	29-11-22	Discussion on classification of Instruments	Dr Nanditha Chandran	Discussion	Chair side discussion		
3.	28	30-11-22	30-11-22	Discussion on Principles of Instrumentation	Dr Mahesh Raj	Discussion	Chair side discussion		

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DEPARTMENT OF PERIODONTICS

COURSEPLAN

Academic Year: 2022-2023
Year : 4TH year- Practicals
Batch : B
Posting : First round

Sl. no	Lesson No.	Planned date	Execution date	Title	Faculty name	Methodology	Teaching Tools	Remarks if any	Signature
1.	29	1-12-22	1-12-22	Discussion on Principles of Instrumentation	Dr Nanditha Chandran	Discussion	Chair side discussion		
2.	30	2-12-22	2-12-22	Discussion on Principles of Instrumentation	Dr Arjun M R	Discussion	Chair side discussion		
3.	31	3-12-22	3-12-22	Discussion on indices	Dr Mahesh Raj	Chair side Discussion	Case history Format		
4.	32	5-12-22	5-12-22	Discussion on medical history	Dr Subair K	Chair side Discussion	Case history Format		
5.	33	7-12-22	7-12-22	Discussion on medical history	Dr Jilu Abraham	Chair side Discussion	Case history Format		
6.	34	8-12-22	8-12-22	Discussion on medical history	Dr Arjun M R	Chair side Discussion	Case history Format		
7.	35	9-12-22	9-12-22	Discussion on general examination	Dr Subair K	Chair side Discussion	Case history Format		
8.	36	10-12-22	10-12-22	Discussion on	Dr Nanditha	Chair side	Case history		



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				identification of pockets and furcation	Chandran	Discussion	Format		
9.	37	12-12-22	12-12-22	Discussion on identification of pockets and furcation	Dr Subair K	Chair side Discussion	Case history Format		
10.	38	13-12-22	13-12-22	Discussion on case history	Dr Mahesh Raj	Chair side Discussion	Case history Format		
11	39	14-12-22	14-12-22	Discussion on case history	Dr Arjun M R	Chair side Discussion	Case history Format		
12	40	15-12-22	15-12-22	Seminar- Defence mechanism	Dr Subair K	Discussion	Chair side discussion		
13	41	16-12-22	16-12-22	Seminar- Periodontal pocket	Dr Jilu Abraham	Discussion	Chair side discussion		
14	42	17-12-22	17-12-22	End posting viva	Dr Mahesh Raj	Discussion	Preset questions		

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Dept of Periodontics



DEPARTMENT OF _PERIODONTICS

LESSON PLAN-PRACTICAL (BDS 2022-2023 Year)

Batch No.	Lesson No.	Lesson Name	Faculty Name	Topic Covered	Dates		Remarks, if any
					Plan	Actual	
B	26	Discussion on the classification of Periodontal instruments	Dr Subair K	What is periodontics? Need to know the supporting periodontal structures.	28-11-22	28-11-22	

Goal: To discuss on what is periodontal Instruments

Lesson Outcome/ Objective (s): At the end of the practical session, the student should be able to

- Explain on Periodontal Instruments
- Lesson outcome related to C05

Prerequisite Concepts and Skills: Knowledge on components of periodontium

Materials and Resources:

Teacher	Students
Carranza textbook of clinical Periodontics	Note book and pen

Lesson Activities:

Teacher Activities	Student Activities	Time
Introduction to Periodontics Body: detailed description on Periodontal Instruments Students are advised to listen to the class and note down important points. Closure: conclusion about the Need to know about periodontics	Listen to the class Make notes and write down important points Answer the questions about structures of periodontium	<u>4hrs 30 mins</u>

Strategies: Students are made to sit comfortably. They are asked to note down the relevant points. Contributions will be encouraged from the students. They are also encouraged to clarify their doubts

Assessment and Evaluation methods to ascertain extent of having met the Lesson Outcome: At the end of the class students will be asked to answer the questions and explain about components of Periodontal Instruments



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Students will be able to explain in detail the periodontal structures and its significance in periodontics.

Extensions: The students will be able to link this topic with various periodontal anatomical structures.

Faculty Name & Sign
Prepared by

Dr. Nanditha
Dr. Nanditha

HOD

Dept of Periodontics



DEPARTMENT OF _PERIODONTICS

LESSON PLAN-PRACTICAL (BDS 2022-2023 Year)

Batch No.	Lesson No.	Lesson Name	Faculty Name	Topic Covered	Dates		Remarks, if any
					Plan	Actual	
B	27	Discussion on the classification of Periodontal instruments	Dr Nanditha Chandran	What is periodontal Instruments? Need to know the supporting periodontal structures.	29-11-22	29-11-22	

Goal: To discuss on what is periodontal Instruments

Lesson Outcome/ Objective (s): At the end of the practical session, the student should be able to

- Explain on Periodontal Instruments
- Lesson outcome related to C05

Prerequisite Concepts and Skills: Knowledge on components of periodontium

Materials and Resources:

Teacher	Students
Carranza textbook of clinical Periodontics	Note book and pen

Lesson Activities:

Teacher Activities	Student Activities	Time
Introduction to Periodontics Body: detailed description on Periodontal Instruments Students are advised to listen to the class and note down important points. Closure: conclusion about the Need to know about periodontics	Listen to the class Make notes and write down important points Answer the questions about structures of periodontium	<u>5 hrs 15 mins</u>

Strategies: Students are made to sit comfortably. They are asked to note down the relevant points. Contributions will be encouraged from the students. They are also encouraged to clarify their doubts



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Assessment and Evaluation methods to ascertain extent of having met the Lesson Outcome: At the end of the class students will be asked to answer the questions and explain about components of Periodontal Instruments

Students will be able to explain in detail the periodontal structures and its significance in periodontics.

Extensions: The students will be able to link this topic with various periodontal anatomical structures.

Faculty Name & Sign
Prepared by

Nanditha
Nanditha

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DEPARTMENT OF PERIODONTICS

LESSON PLAN-PRACTICAL (BDS 2022-2023 Year)

Batch No.	Lesson No.	Lesson Name	Faculty Name	Topic Covered	Dates		Remarks, if any
					Plan	Actual	
B	28	Discussion on the Principles of Periodontal instrumentation	Dr Mahesh Raj	What is periodontal Instruments? Need to know the supporting periodontal structures.	30-11-22	30-11-22	

Goal: To discuss on what is periodontal Instruments

Lesson Outcome/ Objective (s): At the end of the practical session, the student should be able to

- Explain on Periodontal Instruments
- Lesson outcome related to C05

Prerequisite Concepts and Skills: Knowledge on components of periodontium

Materials and Resources:

Teacher	Students
Carranza textbook of clinical Periodontics	Note book and pen

Lesson Activities:

Teacher Activities	Student Activities	Time
Introduction to Periodontics Body: detailed description on Periodontal Instruments Students are advised to listen to the class and note down important points. Closure: conclusion about the Need to know about periodontics	Listen to the class Make notes and write down important points Answer the questions about structures of periodontium	<u>5 hrs 15 mins</u>

Strategies: Students are made to sit comfortably. They are asked to note down the relevant points. Contributions will be encouraged from the students. They are also encouraged to clarify their doubts

Assessment and Evaluation methods to ascertain extent of having met the Lesson Outcome: At the end of the class students will be asked to answer the questions and explain about components of Periodontal Instruments

Students will be able to explain in detail the periodontal structures and its significance in periodontics.



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Extensions: The students will be able to link this topic with various periodontal anatomical structures.

Faculty Name & Sign
Prepared by

Nandiltra
A Nandiltra

HOD

Dept of Periodontics

PONDICHERRY UNIVERSITY

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL

DEPARTMENT OF PROSTHODONTICS, CROWN, BRIDGE &

ORAL MAXILLOFACIAL PROSTHESIS

***"AN INVITRO STUDY TO EVALUATE THE SHEAR BOND STRENGTH IN REPAIRED COHESIVE
& ADHESIVE FRACTURES OF CONVENTIONAL AND DMLS PFM CROWNS"***

SUBMITTED BY

DR. RAGUL. I

POST GRADUATE (MDS)- FIRST YEAR

DEPARTMENT OF PROSTHODONTICS

GUIDE

DR. PRASAD ARAVIND

HEAD OF DEPARTMENT

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL, MAHE

(UT OF PUDUCHERRY)

CO-GUIDE

DR. ABHINAV MOHAN K

READER

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL, MAHE

(UT OF PUDUCHERRY)

MARCH 2022

PONDICHERRY UNIVERSITY

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL

DEPARTMENT OF PROSTHODONTICS, CROWN, BRIDGE &

ORAL MAXILLOFACIAL PROSTHESIS

“A comparative assessment of Fracture Resistance of Zirconia Crowns Prepared with Different Finish Line Designs – A in vitro study”

SUBMITTED BY

DR. JOBIN JOY

POST GRADUATE (MDS)- FIRST YEAR

DEPARTMENT OF PROSTHODONTICS

GUIDE

DR. PRASAD ARAVIND

HEAD OF DEPARTMENT

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL, MAHE

(UT OF PUDUCHERRY)

CO-GUIDE

DR. ABHINAV MOHAN K

READER

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL, MAHE

(UT OF PUDUCHERRY)

MARCH 2022

PONDICHERY UNIVERSITY

**MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL
DEPARTMENT OF PEDIATRIC AND PREVENTIVE
DENTISTRY**

**PROFORMA OF THESIS SUBMITTED IN PARTIAL FULFILLMENT FOR
DEGREE OF MASTER OF DENTAL SURGERY**

IN

PEDIATRIC AND PREVENTIVE DENTISTRY

**DENTAL AGE ESTIMATION BY NOLLA'S METHOD USING
ORTHOPANTAMOGRAPHS OF CHILDREN IN REGION OF MAHE
-A RETROSPECTIVE STUDY**

BY

DR. ANUSREE NAIR

JUNIOR RESIDENT (POST GRADUATE) MDS - 1ST YR

UNDER THE GUIDANCE OF

DR. RENA EPHRAIM

HEAD OF DEPARTMENT

**DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY
MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL,**

MAHE 2021 - 2024

PONDICHERY UNIVERSITY

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL

**DEPARTMENT OF PEDODONTICS AND PREVENTIVE
DENTISTRY**

**SYNOPSIS OF THESIS SUBMITTED IN PARTIAL FULFILMENT
FOR**

DEGREE OF MASTER OF DENTAL SURGERY

IN

PEDODONTICS AND PREVENTIVE DENTISTRY

**A CLINICAL EVALUATION OF ELECTRONIC APEX LOCATOR AND
RADIOVISIOGRAPHY IN WORKING LENGTH DETERMINATION IN
PRIMARY TEETH AND ITS INFLUENCE ON CHILDREN'S BEHAVIORAL
RESPONSES**

BY

DR. HAJARA M C

JUNIOR RESIDENT (POST GRADUATE MDS)

UNDER THE GUIDANCE OF

DR. RENA EPHRAIM

PROFESSOR AND HEAD OF THE DEPARTMENT

DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL, MAHE

2021 - 2024

PONDICHERY UNIVERSITY

MAHE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL
DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

PROFORMA OF THESIS SUBMITTED IN PARTIAL FULFILLMENT FOR

DEGREE OF MASTER OF DENTAL SURGERY

IN

PEDODONTICS AND PREVENTIVE DENTISTRY

**Comparison of retention rates of pit and fissure sealants
using flowable composite and moisture tolerant resin-
based sealant – an in vivo study.**

BY

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