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# AL-AZHAR DENTAL COLLEGE

(APPROVED BY DENTAL COUNCIL OF INDIA & AFFILIATED TO KUHS)

RUN BY NOORUL ISLAM TRUST

PERUMPILICHIRA P. O., THODUPUZHA, IDUKKI DIST., KERALA- 685 605

**2.3.1 Student-centric methods are used for enhancing learning experiences by:**

## **INDEX SHEET**

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**DR.HARVEY THOMAS M.D.S.**

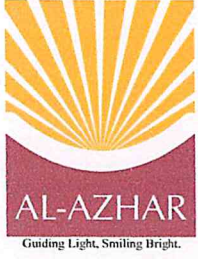
**PRINCIPAL**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Student-centric methods are used for enhancing learning experiences by Experiential learning / Integrated/interdisciplinary learning/ Participatory learning / Problem solving methodologies / Self-directed learning / Patient-centric and Evidence-Based Learning / Learning in the Humanities / Project-based learning / Role play details are mentioned.

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Principal  
Al-Azhar Dental College  
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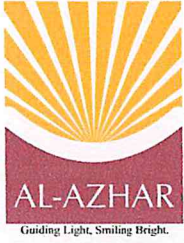
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**LINK FOR ANY OTHER RELEVANT INFORMATION**



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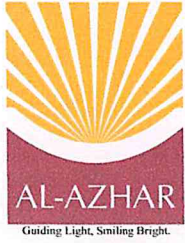
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**DEPARTMENT WISE STUDENT CENTRIC  
METHODS**





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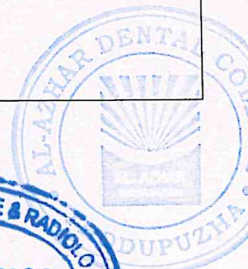
**DEPARTMENT OF ORAL MEDICINE AND  
RADIOLOGY**

**STUDENT CENTRIC METHODS**  
**DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY**

NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr. Rema J	2018-19	1) DEMONSTRATION ON HOW TO TAKE A LATERAL CEPHALOGRAM RADIOGRAPH 2) DEMONSTRATION ON HOW TO TAKE RVG	1. Experimental learning a) Demonstration b) Hands on training c) Patient based 2) Self Directed Learning a) Enhanced reading 3) Participatory Learning a) Quiz
Dr. Jayesh J U	2018-2019	1) DEMONSTRATION ON HOW TO TAKE AN ORTHOPANTAMOGRAM 2) DEMONSTRATION ON HOW TO GIVE INTRALESIONAL INJECTION 3) DEMONSTRATION ON HOW TO TAKE RVG	1) Experimental learning a) Demonstration b) Hands on training c) Patient based 2) Self Directed Learning a) Enhanced reading 3) Participatory Learning a) Quiz
Dr. Shanila	2018-19	1) DEMONSTRATION ON HOW TO TAKE A LATERAL CEPHALOGRAM RADIOGRAPH	1) Experimental learning a) Demonstration b) Hands on training c) Patient based 2) Self Directed Learning a) Enhanced reading 3) Participatory Learning a) Quiz
Dr. Rema J	2019-20	1) DEMONSTRATION ON HOW TO GIVE INTRALESIONAL INJECTION 2) DEMONSTRATION ON HOW TO TAKE A LATERAL CEPHALOGRAM RADIOGRAPH	1) Experimental learning a) Demonstration b) Hands on training c) Patient based 2) Self Directed Learning a) Enhanced reading 3) Participatory Learning a) Quiz
Dr. Jayesh J U	2019-20	1) DETECTION OF CARIES USING FOTI	1) Experimental learning a) Demonstration b) Hands on training c) Patient based 2) Self Directed Learning

*Rema*  
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*[Signature]*  
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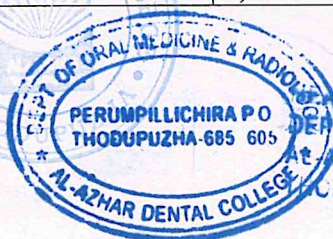




			a)Enhanced reading
DrAnjana Mohan Kumar	2019-20	1)DEMONSTRATION ON HOW TO USE INTRA ORAL CAMERA FOR PATIENT EDUCATION	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
DrShanila AM	2019-20	1)DEMONSTRATION ON HOW TO TAKE AN ORTHOPANTAMOGRAM	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
DrRema	2020-21	1)DEMONSTRATION ON HOW TO TAKE ORTHOPANTAMOGRAM	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
DrJayesh J U	2020-21	1)DEMONSTRATION ON HOW TO USE INTRA ORAL CAMERA FOR PATIENT EDUCATION 2)DEMONSTRATION ON HOW TO TAKE RVG	1. Experimental learning a)Case based learning b)Problem based learning
DrAnjana Mohan Kumar	2020-21	1)DEMONSTRATION ON HOW TO TAKE RVG 2)DETECTION OF CARIES USING FOTI	1 Experimental learning a)Demonstration b)Hands on training c)Patient based learning 2)Self Directed Learning a)Enhanced reading
DrShanila AM	2020-21	1)DEMONSTRATION ON HOW TO GIVE INTRALESIONAL INJECTION 2) DEMONSTRATION ON HOW TO TAKE A LATERAL CEPHALOGRAM RADIOGRAPH	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
DrRema J	2021-22	1)DEMONSTRATION ON HOW TO TAKE ORTHOPANTAMOGRAM	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading



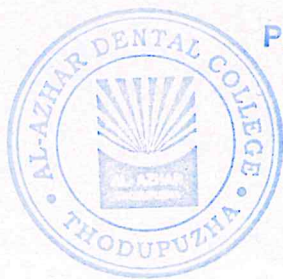
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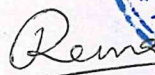
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			b)Assignments
DrJayesh JU	2021-22	1) DEMONSTRATION ON HOW TO TAKE A LATERAL CEPHALOGRAM RADIOGRAPH	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading b)Assignments
DrAnjana Mohan Kumar	2021-22	1)DEMONSTRATION ON HOW TO TAKE RVG	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
DrRema J	2022-23	1)DEMONSTRATION ON HOW TO TAKE RVG 2)DEMONSTRATION ON HOW TO TAKE A LATERAL CEPHALOGRAM	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
DrJayesh J U	2022-23	1)DEMONSTRATION ON HOW TO GIVE INTRALESIONAL INJECTION 2) DEMONSTRATION ON HOW TO USE INTRA ORAL CAMERA FOR PATIENT EDUCATION 3) DEMONSTRATION ON HOW TO TAKE AN ORTHOPANTAMOGRAM	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
DrAnjana Mohan Kumar	2022-23	1)DEMONSTRATION ON HOW TO TAKE AN ORTHOPANTAMOGRAM 2)DEMONSTRATION ON HOW TO TAKE RVG	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading
Dr. Shanila AM	2022-23	1)DEMONSTRATION ON HOW TO TAKE A LATERAL CEPHALOGRAM 2)DETECTION OF CARIES USING FOTI 3)DEMONSTRATION ON HOW TO GIVE INTRALESIONAL INJECTION	1 Experimental learning a)Demonstration b)Hands on training c)Patient based 2)Self Directed Learning a)Enhanced reading

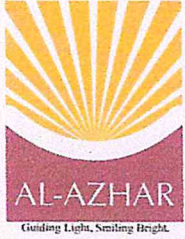



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**DEPARTMENT OF PEDIATRIC AND PREVENTIVE  
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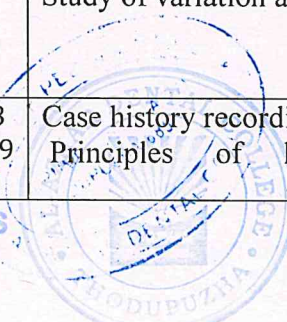


**STUDENTS CENTRIC METHODS**

**DEPARTMENT OF PAEDIATRIC AND PREVENTIVE DENTISTRY**

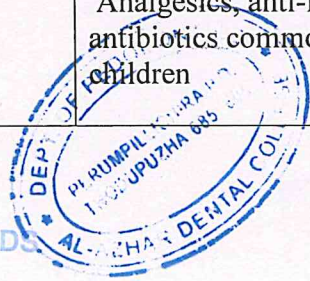
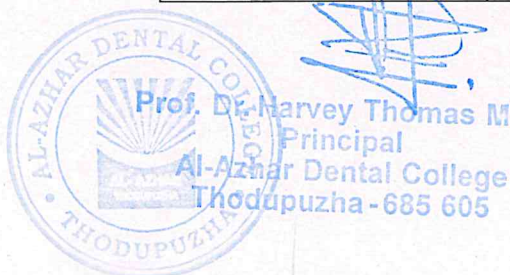
NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr.Renu	2018-2019	Introduction to Paediatric and Preventive Dentistry Definition, Scope, Objectives and Importance	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Tinu	2018-2019	Dental Anatomy and Histology Chronology of Eruption of teeth Differences between primary and permanent teeth Eruption disorders and their management including teething, ectopic eruption, ankylosis Importance of first permanent molar	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Renu	2018-2019	Growth and Development (will be covered by Department of Orthodontics also) Importance of study of growth and development in Pedodontics Prenatal and postnatal factors in growth and development Theories of growth and development Methods to measure growth Development of maxilla and mandible and age related changes	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Tinu	2018-2019	Development of occlusion from birth to adolescence Mouth of neonate, gum pads Primary Dentition period Mixed dentition period Establishment of occlusion Study of variation and abnormalities	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Renu	2018-2019	Case history recording Principles of history taking	1) Participatory Learning a) Seminar presentation

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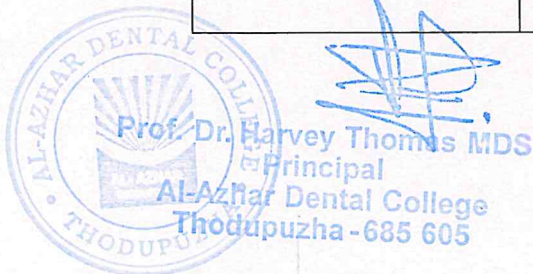
		examination, investigations, diagnosis and treatment planning	<p>presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Tinu	2018-2019	<p>Child Psychology</p> <p>Definition</p> <p>Importance of understanding Child Psychology in Pedodontics</p> <p>Theories</p> <p>Psychological development from birth through adolescence</p> <p>Dental fear, anxiety and their management, types of cry</p> <p>Application of Psychology principles in management of child patients in the dental office</p> <p>Psychological disorders including anorexia, bulimia</p> <p>Child abuse and neglect</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Renu	2018-2019	<p>Behaviour management</p> <p>Definition</p> <p>Classification and types of behaviour</p> <p>Factors influencing child behaviour</p> <p>Non-Pharmacologic management of behaviour</p> <p>Pharmacologic management of behaviour-</p> <p>Conscious sedation including nitrous oxide- oxygen inhalational anaesthesia</p> <p>Pharmacological principles in Paediatric Dentistry- drug dosage formulae</p> <p>Analgesics, anti-inflammatory and antibiotics commonly prescribed for children</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>



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Dr Renu	2019-2020	Introduction to Paediatric and Preventive Dentistry Definition, Scope, Objectives and Importance	1) Participatory Learning a) Seminar presentation 2) Self Directed Learning a) Enhanced reading
Dr Tinu	2019-2020	Dental Anatomy and Histology Chronology of Eruption of teeth Differences between primary and permanent teeth Eruption disorders and their management including teething, ectopic eruption, ankylosis Importance of first permanent molar	1) Participatory Learning a) Seminar presentation 2) Self Directed Learning a) Enhanced reading
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Dr Tinu	2019-2020	Development of occlusion from birth to adolescence Mouth of neonate, gum pads Primary Dentition period Mixed dentition period Establishment of occlusion Study of variation and abnormalities	1) Participatory Learning a) Seminar presentation 2) Self Directed Learning a) Enhanced reading
Dr Renu	2019-2020	Case history recording Principles of history taking, examination, investigations, diagnosis and treatment planning	1) Participatory Learning a) Seminar presentation 2) Experimental

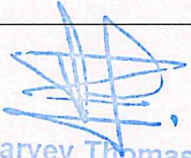


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			<p>learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Tinu	2019-2020	<p>Child Psychology</p> <p>Definition</p> <p>Importance of understanding Child Psychology in Pedodontics</p> <p>Theories</p> <p>Psychological development from birth through adolescence</p> <p>Dental fear, anxiety and their management, types of cry</p> <p>Application of Psychology principles in management of child patients in the dental office</p> <p>Psychological disorders including anorexia, bulimia</p> <p>Child abuse and neglect</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Renu	2019-2020	<p>Behaviour management</p> <p>Definition</p> <p>Classification and types of behaviour</p> <p>Factors influencing child behaviour</p> <p>non-Pharmacologic management of behaviour</p> <p>Pharmacologic management of behaviour-</p> <p>Conscious sedation including nitrous oxide- oxygen inhalational anaesthesia</p> <p>Pharmacological principles in Paediatric Dentistry- drug dosage formulae</p> <p>Analgesics, anti-inflammatory and antibiotics commonly prescribed for children</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>



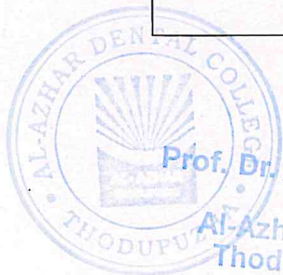
  
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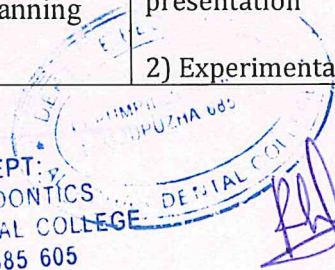


Dr Renu	2020-2021	Introduction to Paediatric and Preventive Dentistry Definition, Scope, Objectives and Importance	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Tinu	2020-2021	Dental Anatomy and Histology Chronology of Eruption of teeth Differences between primary and permanent teeth Eruption disorders and their management including teething, ectopic eruption, ankylosis Importance of first permanent molar	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Sharon	2020-2021	Growth and Development (will be covered by Department of Orthodontics also) Importance of study of growth and development in Pedodontics Prenatal and postnatal factors in growth and development Theories of growth and development Methods to measure growth Development of maxilla and mandible and age-related changes	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Renu	2020-2021	Development of occlusion from birth to adolescence Mouth of neonate, gum pads Primary Dentition period Mixed dentition period Establishment of occlusion Study of variation and abnormalities	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Tinu	2020-2021	Case history recording Principles of history taking, examination, investigations, diagnosis and treatment planning	1) Participatory Learning a) Seminar presentation  2) Experimental



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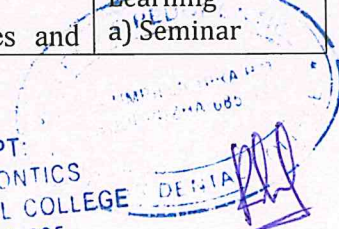


			<p>learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Sharon	2020-2021	<p>Child Psychology</p> <p>Definition</p> <p>Importance of understanding Child Psychology in Pedodontics</p> <p>Theories</p> <p>Psychological development from birth through adolescence</p> <p>Dental fear, anxiety and their management, types of cry</p> <p>Application of Psychology principles in management of child patients in the dental office</p> <p>Psychological disorders including anorexia, bulimia</p> <p>Child abuse and neglect</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Renu	2020-21	<p>Behaviour management</p> <p>Definition</p> <p>Classification and types of behaviour</p> <p>Factors influencing child behaviour</p> <p>non-Pharmacologic management of behaviour</p> <p>Pharmacologic management of behaviour-</p> <p>Conscious sedation including nitrous oxide- oxygen inhalational anaesthesia</p> <p>Pharmacological principles in Paediatric Dentistry- drug dosage formulae</p> <p>Analgesics, anti-inflammatory and antibiotics commonly prescribed for children</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Renu	2021-2022	<p>Introduction to Paediatric and Preventive Dentistry</p> <p>Definition, Scope, Objectives and</p>	<p>1) Participatory Learning</p> <p>a) Seminar</p>



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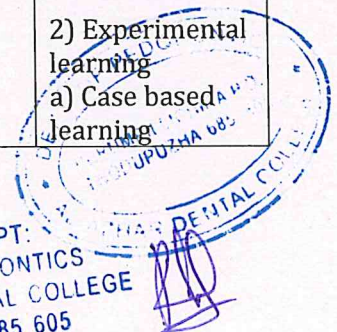


		Importance	presentation 2) Self Directed Learning a) Enhanced reading
Dr Tinu	2021-2022	Dental Anatomy and Histology Chronology of Eruption of teeth Differences between primary and permanent teeth Eruption disorders and their management including teething, ectopic eruption, ankylosis Importance of first permanent molar	1) Participatory Learning a) Seminar presentation 2) Self Directed Learning a) Enhanced reading
Dr Sharon	2021-2022	Growth and Development (will be covered by Department of Orthodontics also) Importance of study of growth and development in Pedodontics Prenatal and postnatal factors in growth and development Theories of growth and development Methods to measure growth Development of maxilla and mandible and age-related changes	1) Participatory Learning a) Seminar presentation 2) Self Directed Learning a) Enhanced reading
Dr Renu	2021-2022	Development of occlusion from birth to adolescence Mouth of neonate, gum pads Primary Dentition period Mixed dentition period Establishment of occlusion Study of variation and abnormalities	1) Participatory Learning a) Seminar presentation 2) Self Directed Learning a) Enhanced reading
Dr Tinu	2021-2022	Case history recording Principles of history taking, examination, investigations, diagnosis and treatment planning	1) Participatory Learning a) Seminar presentation 2) Experimental learning a) Case based learning



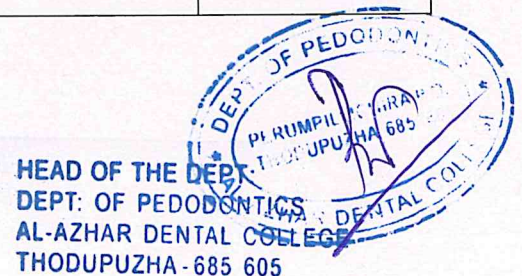
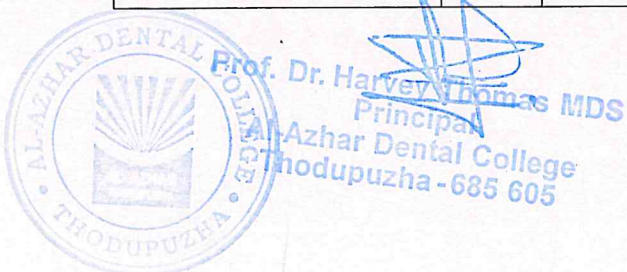
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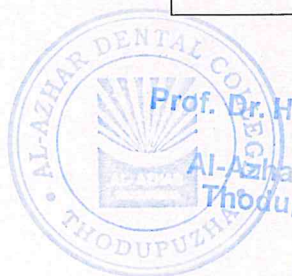


			<p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Sharon	2021-2022	<p>Child Psychology</p> <p>Definition</p> <p>Importance of understanding Child Psychology in Pedodontics</p> <p>Theories</p> <p>Psychological development from birth through adolescence</p> <p>Dental fear, anxiety and their management, types of cry</p> <p>Application of Psychology principles in management of child patients in the dental office</p> <p>Psychological disorders including anorexia, bulimia</p> <p>Child abuse and neglect</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Renu	2021-2022	<p>Behaviour management</p> <p>Definition</p> <p>Classification and types of behaviour</p> <p>Factors influencing child behaviour</p> <p>non-Pharmacologic management of behaviour</p> <p>Pharmacologic management of behaviour-</p> <p>Conscious sedation including nitrous oxide- oxygen inhalational anaesthesia</p> <p>Pharmacological principles in Paediatric Dentistry- drug dosage formulae</p> <p>Analgesics, anti-inflammatory and antibiotics commonly prescribed for children</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p> <p>2) Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>3) Self Directed Learning</p> <p>a) Enhanced reading</p>
Dr Renu	2022-2023	<p>Introduction to Paediatric and Preventive Dentistry</p> <p>Definition, Scope, Objectives and Importance</p>	<p>1) Participatory Learning</p> <p>a) Seminar presentation</p>



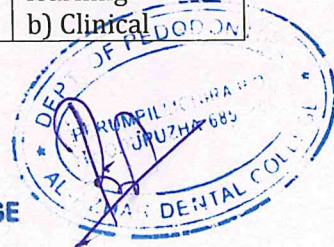


			2) Self Directed Learning a) Enhanced reading
Dr Sharon	2022-2023	Dental Anatomy and Histology Chronology of Eruption of teeth Differences between primary and permanent teeth Eruption disorders and their management including teething, ectopic eruption, ankylosis Importance of first permanent molar	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Stacey	2022-2023	Growth and Development (will be covered by Department of Orthodontics also) Importance of study of growth and development in Pedodontics Prenatal and postnatal factors in growth and development Theories of growth and development Methods to measure growth Development of maxilla and mandible and age-related changes	1) Participatory Learning a) Seminar presentation  2) Self Directed Learning a) Enhanced reading
Dr Renu	2022-2023	Development of occlusion from birth to adolescence Mouth of neonate, gum pads Primary Dentition period Mixed dentition period Establishment of occlusion Study of variation and abnormalities	1) Participatory Learning a) Seminar presentation  3) Self Directed Learning a) Enhanced reading
Dr Sharon	2022-2023	Case history recording Principles of history taking, examination, investigations, diagnosis and treatment planning	1) Participatory Learning a) Seminar presentation  2) Experimental learning a) Case based learning b) Clinical



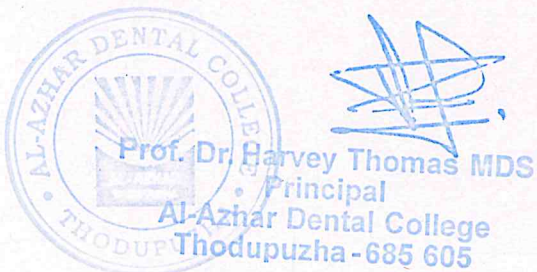
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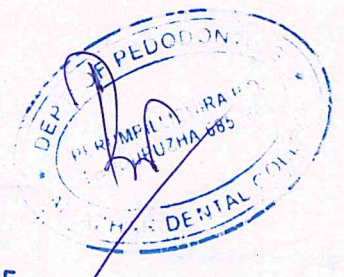




			<p>experiences</p> <p>3) Self Directed Learning a) Enhanced reading</p>
Dr Stacey	2022-2023	<p>Child Psychology</p> <p>Definition</p> <p>Importance of understanding Child Psychology in Pedodontics</p> <p>Theories</p> <p>Psychological development from birth through adolescence</p> <p>Dental fear, anxiety and their management, types of cry</p> <p>Application of Psychology principles in management of child patients in the dental office</p> <p>Psychological disorders including anorexia, bulimia</p> <p>Child abuse and neglect</p>	<p>1) Participatory Learning a) Seminar presentation</p> <p>2) Experimental learning a) Case based learning b) Clinical experiences</p> <p>3) Self Directed Learning a) Enhanced reading</p>
Dr Renu	2022-2023	<p>Behaviour management</p> <p>Definition</p> <p>Classification and types of behaviour</p> <p>Factors influencing child behaviour</p> <p>non-Pharmacologic management of behaviour</p> <p>Pharmacologic management of behaviour-</p> <p>Conscious sedation including nitrous oxide- oxygen inhalational anaesthesia</p> <p>Pharmacological principles in Paediatric Dentistry- drug dosage formulae</p> <p>Analgesics, anti-inflammatory and antibiotics commonly prescribed for children</p>	<p>1) Participatory Learning a) Seminar presentation</p> <p>2) Experimental learning a) Case based learning b) Clinical experiences</p> <p>3) Self Directed Learning a) Enhanced reading</p>



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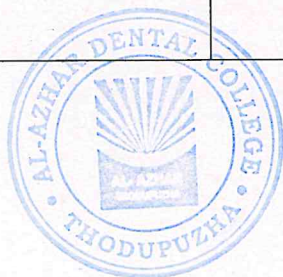
**DEPARTMENT OF PUBLIC HEALTH DENTISTRY**




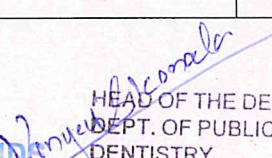
## STUDENT CENTRIC METHODS

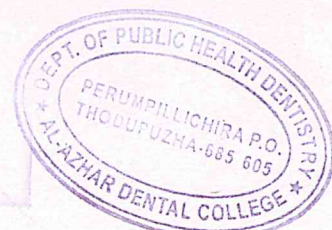
### PUBLIC HEALTH DENTISTRY

NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr. Vinayaka	2018-19	PLANNING AND EVALUATION I PLANNING AND EVALUATION II AIR POLLUTION HEALTH CARE DELIVERY SYSTEM PRIMARY HEALTH CARE	1. Experimental learning a) Case based learning b) Clinical experiences 2) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr Zaheer	2018-2019	COMMUNITY HEALTH CENTRES HEALTH AGENCIES INTRODUCTION TO INDICES DENTAL CARIES INDICES PERIODONTAL INDICES FLOURIDE INDICES OCCUPATIONAL HAZARDS IN DENTISTRY- PHYSICAL AND CHEMICAL OCCUPATIONAL HAZARDS IN DENTISTRY- BIO AND PSYCHO ESTABLISHMENT OF DENTAL CARIES MOBILE DENTAL CLINIC	1) Integrated Interdisciplinary Learning a) Clinical club b) Journal club  2) Problem Solving Methodology a) Learning model b) Rural club
DrTency	2018-19	DENTAL ECONOMICS GENERAL EPIDEMIOLOGY I GENERAL EPIDEMIOLOGY II ETHICS IN MEDICINE AND DENTISTRY PUBLIC HEALTH DENTISTRY I PUBLIC HEALTH DENTISTRY II DENTAL CARIES PERIODONTAL DISEASES ORAL CANCER MALOCCLUSION SURVEY PROCEDURE IN DENTISTRY I SURVEY PROCEDURE IN DENTISTRY II DENTAL MAN POWER SCHOOL ORAL HEALTH PROGRAMME I SCHOOL ORAL HEALTH PROGRAMME II	1) Self Directed Learning a) Enhanced reading b) Additional tracing  2) Patient Centric & Evidence Based Learning a) Clinical discussion b) Journal presentation
Dr Vinayaka	2018-19	FINANCE IN DENTAL CARE FINANCE IN DENTAL CARE RESEARCH METHODOLOGY AND BIOSTATISTICS	1) Learning In The Humanities a) Orientation classes b) Training in community camps



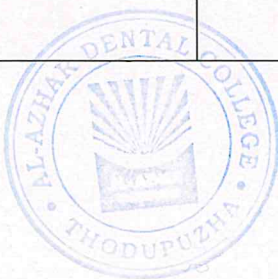
  
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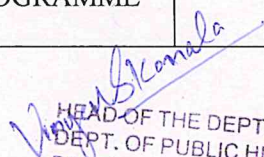


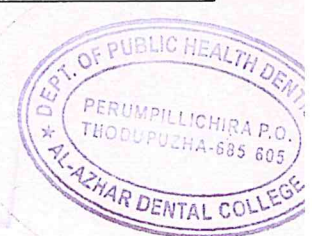


		<p>PIT AND FISSURE SEALANT,ART RCT, COPRA  IDA, DCI  WATER PURIFICATION, FILTERS  FLOURIDES- DELIVERY METHODS,TOXICITY,DEFLUORIDATION  NUTRITION AND ORAL HEALTH  HEALTH CARE DELIVERY  PIT AND FISSURE SEALANTS  ETHICAL PRINCIPLES  WASTE MANAGEMENT  BIOMEDICAL WASTE MANAGEMENT  DO'S AND DONT'S FOR HEALTH PROFESSIONALS,CONSENT,PROFESSIONAL NEGLIGENCE</p>	<p>2)Participatory Learning  a)Quiz  b)Poster</p>
DrZaheer	2019-20	<p>PLANNING AND EVALUATION I  PLANNING AND EVALUATION II  AIR POLLUTION  HEALTH CARE DELIVERY SYSTEM  PRIMARY HEALTH CARE</p>	<p>1.Experimental learning  a)Case based learning  b)Clinical experiences</p>
DrTency	2019-20	<p>COMMUNITY HEALTH CENTRES  HEALTH AGENCIES  INTRODUCTION TO INDICES  DENTAL CARIES INDICES  PERIODONTAL INDICES  FLOURIDE INDICES  OCCUPATIONAL HAZARDS IN DENTISTRY- PHYSICAL AND CHEMICAL  OCCUPATIONAL HAZARDS IN DENTISTRY- BIO AND PSYCHO  ESTABLISHMENT OF DENTAL CARIES  MOBILE DENTAL CLINIC</p>	<p>1)Problem Solving Methodology  a)Learning model  b)Rural club    2)Self Directed Learning  a)Enhanced reading  b)Additional tracing</p>
DrVinayaka	2019-20	<p>DENTAL ECONOMICS  GENERAL EPIDEMIOLOGY I  GENERAL EPIDEMIOLOGY II  ETHICS IN MEDICINE AND DENTISTRY  PUBLIC HEALTH DENTISTRY I  PUBLIC HEALTH DENTISTRY II  DENTAL CARIES  PERIODONTAL DISEASES  ORAL CANCER  MALOCCLUSION  SURVEY PROCEDURE IN DENTISTRY I  SURVEY PROCEDURE IN DENTISTRY II  DENTAL MAN POWER  SCHOOL ORAL HEALTH PROGRAMME I  SCHOOL ORAL HEALTH PROGRAMME II</p>	<p>2) Integrated Interdisciplinary Learning  a)Clinical club  b)Journal club    2)Problem Solving Methodology  a)Learning model  b)Rural club</p>



  
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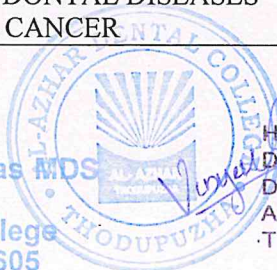
  
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DrZaheer	2019-20	FINANCE IN DENTAL CARE FINANCE IN DENTAL CARE RESEARCH METHODOLOGY AND BIostatISTICS PIT AND FISSURE SEALANT,ART RCT, COPRA IDA, DCI WATER PURIFICATION, FILTERS FLOURIDES- DELIVERY METHODS,TOXICITY,DEFLUORIDATIO N NUTRITION AND ORAL HEALTH HEALTH CARE DELIVERY PIT AND FISSURE SEALANTS ETHICAL PRINCIPLES WASTE MANAGEMENT BIOMEDICAL WASTE MANAGEMENT DO'S AND DONT'S FOR HEALTH PROFESSIONALS,CONSENT,PROFESSIO NAL NEGLIGENCE	7)Participatory Learning a)Quiz b)Case presentation  8)Roleplay
DrTency	2020-21	PLANNING AND EVALUATION I PLANNING AND EVALUATION II AIR POLLUTION HEALTH CARE DELIVERY SYSTEM PRIMARY HEALTH CARE	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing
DrVinayaka	2020-21	COMMUNITY HEALTH CENTRES HEALTH AGENCIES INTRODUCTION TO INDICES DENTAL CARIES INDICES PERIODONTAL INDICES FLOURIDE INDICES OCCUPATIONAL HAZARDS IN DENTISTRY- PHYSICAL AND CHEMICAL OCCUPATIONAL HAZARDS IN DENTISTRY- BIO AND PSYCHO ESTABLISHMENT OF DENTAL CARIES MOBILE DENTAL CLINIC	1.Experimental learning a)Case based learning b)Problem based learning  2) Integrated Interdisciplinary Learning a)Clinical club b)Journal club
DrZaheer	2020-21	DENTAL ECONOMICS GENERAL EPIDEMOLOGY I GENERAL EPIDEMOLOGY II ETHICS IN MEDICINE AND DENTISTRY PUBLIC HEALTH DENTISTRY I PUBLIC HEALTH DENTISTRY II DENTAL CARIES PERIODONTAL DISEASES ORAL CANCER	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing

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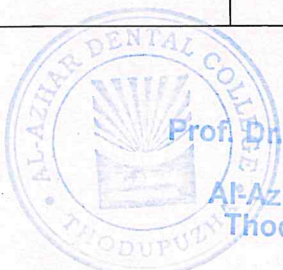


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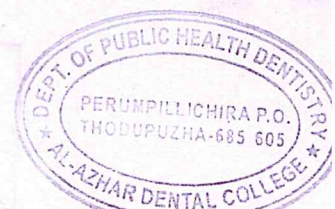


		MALOCCLUSION SURVEY PROCEDURE IN DENTISTRY I SURVEY PROCEDURE IN DENTISTRY II DENTAL MAN POWER SCHOOL ORAL HEALTH PROGRAMME I SCHOOL ORAL HEALTH PROGRAMME II	
DrTency	2020-21	FINANCE IN DENTAL CARE FINANCE IN DENTAL CARE RESEARCH METHODOLOGY AND BIostatISTICS PIT AND FISSURE SEALANT,ART RCT, COPRA IDA, DCI WATER PURIFICATION, FILTERS FLOURIDES- DELIVERY METHODS,TOXICITY,DEFLUORIDATIO N NUTRITION AND ORAL HEALTH HEALTH CARE DELIVERY PIT AND FISSURE SEALANTS ETHICAL PRINCIPLES WASTE MANAGEMENT BIOMEDICAL WASTE MANAGEMENT DO'S AND DONT'S FOR HEALTH PROFESSIONALS,CONSENT,PROFESSIO NAL NEGLIGENCE	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing
DrVinayaka	2021-22	PLANNING AND EVALUATION I PLANNING AND EVALUATION II AIR POLLUTION HEALTH CARE DELIVERY SYSTEM PRIMARY HEALTH CARE	1.Experimental learning a)Case based learning b)Clinical experiences
DrTency	2021-22	DENTAL ECONOMICS GENERAL EPIDEMOLOGY I GENERAL EPIDEMOLOGY II ETHICS IN MEDICINE AND DENTISTRY PUBLIC HEALTH DENTISTRY I PUBLIC HEALTH DENTISTRY II DENTAL CARIES PERIODONTAL DISEASES ORAL CANCER MALOCCLUSION SURVEY PROCEDURE IN DENTISTRY I SURVEY PROCEDURE IN DENTISTRY II DENTAL MAN POWER SCHOOL ORAL HEALTH PROGRAMME I SCHOOL ORAL HEALTH PROGRAMME II	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing



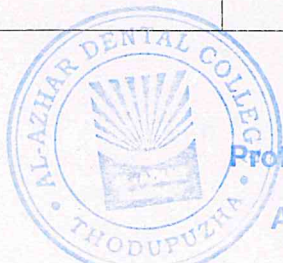
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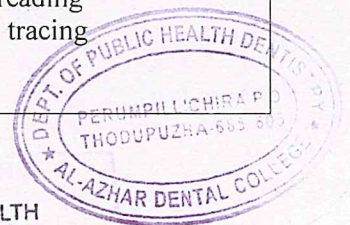


DrVinayaka	2021-22	FINANCE IN DENTAL CARE FINANCE IN DENTAL CARE RESEARCH METHODOLOGY AND BIOSTATISTICS PIT AND FISSURE SEALANT,ART RCT, COPRA IDA, DCI WATER PURIFICATION, FILTERS FLOURIDES- DELIVERY METHODS,TOXICITY,DEFLUORIDATIO N NUTRITION AND ORAL HEALTH HEALTH CARE DELIVERY PIT AND FISSURE SEALANTS ETHICAL PRINCIPLES WASTE MANAGEMENT BIOMEDICAL WASTE MANAGEMENT DO'S AND DONT'S FOR HEALTH PROFESSIONALS, CONSENT, PROFESSIO NAL NEGLIGENCE	1)Patient Centric & Evidence Based Learning a)Clinical discussion b)Journal presentation  2)Learning In The Humanities a)Orientation classes b)Outreach
DrPallavi	2022-23	PLANNING AND EVALUATION I PLANNING AND EVALUATION II AIR POLLUTION HEALTH CARE DELIVERY SYSTEM PRIMARY HEALTH CARE	1)Learning In The Humanities a)Orientation classes b)Training in community camps  2)Participatory Learning a)Quiz b)Poster
DrBharath	2022-23	COMMUNITY HEALTH CENTRES HEALTH AGENCIES INTRODUCTION TO INDICES DENTAL CARIES INDICES PERIODONTAL INDICES FLOURIDE INDICES OCCUPATIONAL HAZARDS IN DENTISTRY- PHYSICAL AND CHEMICAL OCCUPATIONAL HAZARDS IN DENTISTRY- BIO AND PSYCHO ESTABLISHMENT OF DENTAL CARIES MOBILE DENTAL CLINIC	1.Experimental learning a)Student generated test questions b)Problem based learning  2) Integrated Interdisciplinary Learning a)Clinical club b)Journal club
Dr Prijitha Alex	2022-23	DENTAL ECONOMICS GENERAL EPIDEMIOLOGY I GENERAL EPIDEMIOLOGY II ETHICS IN MEDICINE AND DENTISTRY PUBLIC HEALTH DENTISTRY I PUBLIC HEALTH DENTISTRY II DENTAL CARIES PERIODONTAL DISEASES ORAL CANCER	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing



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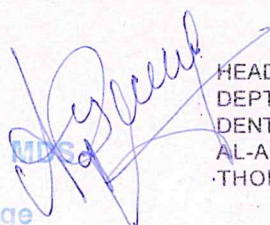




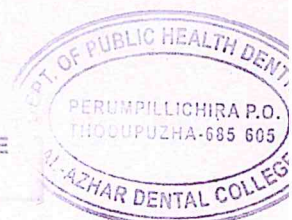
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DrTency	2022-23	FINANCE IN DENTAL CARE FINANCE IN DENTAL CARE RESEARCH METHODOLOGY AND BIOSTATISTICS PIT AND FISSURE SEALANT,ART RCT, COPRA IDA, DCI WATER PURIFICATION, FILTERS FLOURIDES- DELIVERY METHODS,TOXICITY,DEFLUORIDATIO N NUTRITION AND ORAL HEALTH HEALTH CARE DELIVERY PIT AND FISSURE SEALANTS ETHICAL PRINCIPLES WASTE MANAGEMENT BIOMEDICAL WASTE MANAGEMENT DO'S AND DONT'S FOR HEALTH PROFESSIONALS,CONSENT,PROFESSIO NAL NEGLIGENCE	1)Self Directed Learning a)Enhanced reading b)Additional tracing c)Solving more problems  2)Patient Centric & Evidence Based Learning a)Clinical discussion b)Journal presentation



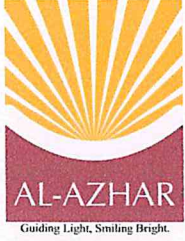
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**DEPARTMENT OF ORAL MAXILLOFACIAL  
SURGERY**



**STUDENT CENTRIC METHODS**  
**ORAL AND MAXILLOFACIAL SURGERY**

NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHODS USED
Dr. Augustine Daniel	2018-2019	Introduction to Oral and Maxillofacial surgery  Art of diagnosis  Diagnostic imaging  Suturing materials and techniques	1.Experimental learning a) Case based learning b) Clinical experiences  2.Self-directed learning a) Enhanced reading b) Additional tracing c)Solving more problems
Dr Hisham	2018-2019	Asepsis and sterilization Infection control Antimicrobial therapy Cardiopulmonary resuscitation Maxillofacial trauma Oral cancer Diseases of salivary gland	1.Integrated inter disciplinary learning a) Clinical club b) Journal club c)Participatory learning  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Surej	2018-2019	Minor oral surgical procedures Pre prosthetic surgery	1.Problem solving methodology a) Learning model b) Rural club 2.Self-directed learning a) Enhanced reading b) Additional tracing c)Solving more problems
Dr Basil	2018-2019	'Introduction to GA and sedation' Pre anesthetic evaluation Pre operative preparation and medication Anesthetic equipment Pharmacology of commonly used anesthetics drug Short anesthtisia in dental chair TMJ : affliction and management Ankylosis of TMJ and its	1.Learning in the humanities a) Orientation classes b) training in community camps c)Outreach  2.Participatory learning a) Quiz b) Poster

  
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		management MPDS	c)Paper presentation d)Seminar presentation e)Case presentation

Dr Hisham	2019-20	Introduction to oral and maxillofacial surgery Art of diagnosis Diagnostic image Suturing materials and techniques Cardiopulmonary resuscitation	1.Experimental learning a) Case based learning b) Clinical experiences  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Basil	2019-2020	Introduction to GA and sedation Pre anesthetic evaluation Pre operative preparation and medication Anesthetic equipments Pharmacology of commonly used anesthetic drugs Short anesthesia in dental chair	1.Learning in the humanities a) Orientation classes b) training in community camps c)Outreach  2.Participatory learning a) Quiz b) Poster c)Paper presentation d)Seminar presentation e)Case presentation


  
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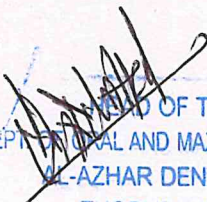
  
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Dr Augustine daniel	2019-2020	Asepsis in sterilization Infection control Antimicrobial therapy	1.Integrated inter disciplinary learning a) Clinical club b) Journal club c)Participatory learning  2.Participatory learning a) Quiz b) Poster c)Paper presentation d)Seminar presentation e) Case presentation
Dr Surej	2019-20	Minor oral surgical procedures	1.Self-directed learning a) Enhanced reading b) Additional tracing c)Solving more problems  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Sunil	2019-20	Pre prosthetic surgery	1.Experimental learning a) Case based learning b) Clinical experiences  2.Participatory learning a) Quiz b) Poster c)Paper presentation d)Seminar presentation e)Case presentation
Dr Surej	2020-21	Introduction to oral and maxillofacial surgery Art of diagnosis Diagnostic imaging	1.Experimental learning a) Case based learning b) Clinical experiences

  
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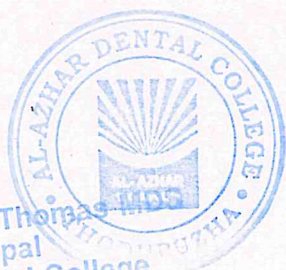
  
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		Suturing materials and techniques	<p>2.Participatory learning</p> <p>a) Quiz</p> <p>b) Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e) Case presentation</p>
Dr Priya	2020-21	<p>Asepsis and sterilization</p> <p>Infection control</p> <p>Antimicrobial therapy</p> <p>Introduction to GA and sedation</p> <p>Pre anesthetic evaluation</p> <p>Pre operative preparation and medication</p> <p>Anesthetic equipments</p> <p>Pharmacology of commonly used anesthetic drugs</p> <p>Short anesthesia in dental chair</p> <p>Pre prosthetic surgery</p>	<p>1.Integrated inter disciplinary learning</p> <p>a) Clinical club</p> <p>b) Journal club</p> <p>c)Participatory learning</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
Dr Hisham	2020-21	Minor oral surgical procedures	<p>1.Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
Dr Augustine daniel	2020-21	Cardiopulmonary resuscitation	<p>1.Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c)Solving more problems</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>



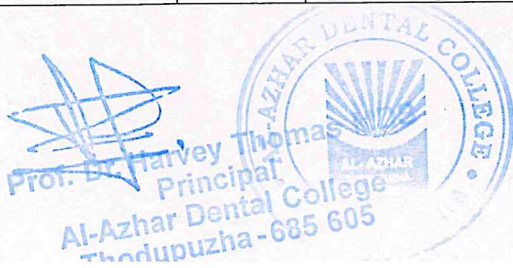
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Dr basil	2020-21	TMJ affliction and management Ankylosis of TMJ and its management MPDS	1.Problem solving methodology a) Learning model b) Rural club  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
Dr Hisham	2020-2021	Maxillofacial trauma Oral cancer Diseases of salivary gland	1.Learning in the humanities a)Orientation classes b) training in community camps c)Outreach  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Abin	2020-21	Introduction to GA and sedation Preanesthetic evaluation Pre operative preparation and medication Anesthetic equipments Pharmacology of commonly used drugs Short anesthesia in dental chair	1.Learning in the humanities a)Orientation classes b) training in community camps c)Outreach  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Jacob	2021-22	Maxillofacial trauma Oral cancer Diseases of salivary gland	1.Learning in the humanities a)Orientation classes b) training in community camps c)Outreach  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Hisham	2021-2022	Introduction to oral and maxillofacial surgery Art of diagnosis	1.Integrated inter disciplinary learning a) Clinical club b) Journal club

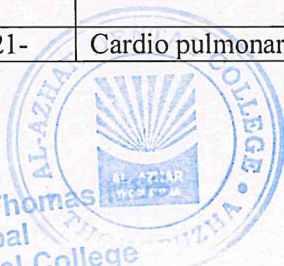



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		Diagnostic imaging Suturing materials and techniques Cardiopulmonary resuscitation	c)Participatory learning  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
Dr Augustine daniel	2021-2022	Asepsis and sterilization Infection control Antimicrobial technique	1.Experimental learning a) Case based learning b) Clinical experiences  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Basil	2021-2022	Minor oral surgical procedures Introduction to GA and sedation Pre anesthetic evaluation Pre operative preparation and medication Anesthetic equipments Pharmacology of commonly used anesthetic drugs Short anesthesia in dental chair	1.Self-directed learning a) Enhanced reading b) Additional tracing c)Solving more problems  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
Dr Abilash Thomas	2021-	Cardio pulmonary resuscitation	1.Learning in the humanities

  
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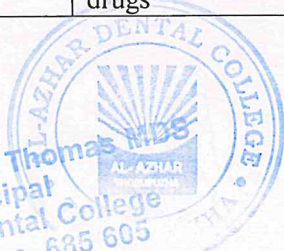
  
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	2022	(CPR) TMJ affliction and management Ankylosis of TMJ and its management MPDS Pre prosthetic surgery	a)Orientation classes b) training in community camps c)Outreach  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
Dr Basil	2022-2023	Cardiopulmonary resuscitation Maxillofacial trauma Oral cancer Diseases of salivary gland	1.Experimental learning a) Case based learning b) Clinical experiences  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
Dr Hisham	2022-2023	Introduction to oral and maxillofacial surgery Art of diagnosis Diagnostic imaging Suturing techniques and materials Introduction to GA and sedation Pre anesthetic evaluation Pre operative preparation and medication Anesthetic equipments Pharmacology of commonly used drugs	1.Learning in the humanities a)Orientation classes b) training in community camps c)Outreach



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THODUPUZHA-685 605





Off : 04862 224366

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# **AL-AZHAR DENTAL COLLEGE**

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**RUN BY NOORUL ISLAM TRUST**

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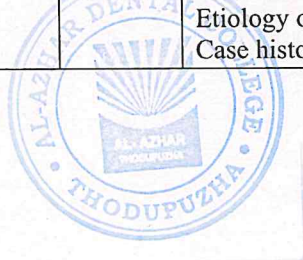
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**DEPARTMENT OF ORTHODONTICS**



**STUDENT CENTRIC METHODS**  
**DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL**  
**ORTHOPEDECS**

NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr.AFZAL	2018-19	Introduction and history of orthodontics Growth and development basic concepts Theories of growth Growth and development –Mechanism of bone growth Growth and development- Pre and Postnatal growth of cranial base Growth and development- Pre and Postnatal growth of maxilla Growth and development- Pre and Postnatal growth of mandible Functional development	1.Experimental learning a)Case based learning b)Clinical experiences 2) Integrated Interdisciplinary Learning a)Clinical club b)Journal club
Dr.SANDEEP	2018-2019	Development of dentition and occlusion Occlusion basic concepts Study models	1) Integrated Interdisciplinary Learning a)Clinical club b)Journal club 2)Problem Solving Methodology a)Learning model b)Rural club
Dr.NISHAD	2018-19	Diagnostic aids Radiographs Photographs Occlusograms EMG	1)Self Directed Learning a)Enhanced reading b)Additional tracing 2)Patient Centric & Evidence Based Learning a)Clinical discussion b)Journal presentation
Dr KEVIN	2018-19	Classification of malocclusion Etiology of malocclusion Case history	1)Learning In The Humanities a)Orientation classes b)Training in community camps



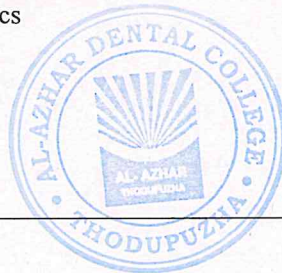
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			2) Participatory Learning a) Quiz b) Poster
Dr. SMITHA	2018-19	Classification of malocclusion Etiology of malocclusion	1. Experimental learning a) Case based learning b) Clinical experiences
Dr. PRADEEP	2018-19	Skeletal maturity indicators	1) Problem Solving Methodology a) Learning model b) Rural club 2) Self Directed Learning a) Enhanced reading b) Additional tracing

Dr. AFZAL	2019-20	Introduction and history of orthodontics Growth and development basic concepts Theories of growth Growth and development – Mechanism of bone growth Growth and development- Pre and Postnatal growth of cranial base Growth and development- Pre and Postnatal growth of maxilla Growth and development- Pre and Postnatal growth of mandible Functional development	1. Experimental learning a) Case based learning b) Clinical experiences 2) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. PRADEEP	2019-20	Development of dentition and occlusion Etiology of malocclusion Cephalometrics Study models	1) Integrated Interdisciplinary Learning a) Clinical club b) Journal club  2) Problem Solving Methodology a) Learning model b) Rural club



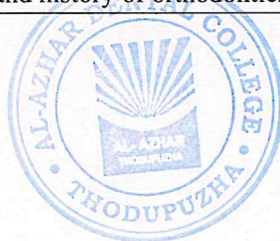
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Dr.NISHAD	2019-20	Occlusion basic concepts	1)Self Directed Learning a)Enhanced reading b)Additional tracing  2)Patient Centric & Evidence Based Learning a)Clinical discussion b)Journal presentation
Dr KEVIN	2019-20	Classification of malocclusion Diagnostic aids Radiographs Photographs Occlusograms EMG Case history	1)Learning In The Humanities a)Orientation classes b)Training in community camps  2)Participatory Learning a)Quiz b)Poster
Dr.SMITHA	2019-20	Classification of malocclusion Skeletal maturity indicators	1.Experimental learning a)Case based learning b)Clinical experiences
Dr. SANDEEP	2019-20	Etiology of malocclusion	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing

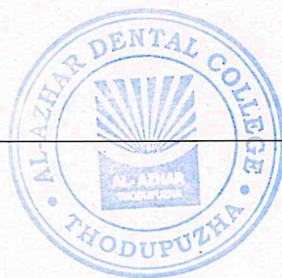
NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
DR AFZAL	2020-21	Introduction and history of orthodontics	1.Experimental learning



  
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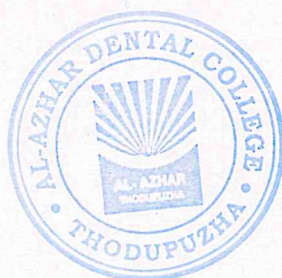
		<p>Growth and development basic concepts</p> <p>Theories of growth</p> <p>Growth and development –Mechanism of bone growth</p> <p>Growth and development- Pre and Postnatal growth of cranial base</p> <p>Growth and development- Pre and Postnatal growth of maxilla</p> <p>Growth and development- Pre and Postnatal growth of mandible</p> <p>Functional development</p>	<p>a)Case based learning</p> <p>b)Clinical experiences</p> <p>2) Integrated Interdisciplinary Learning</p> <p>a)Clinical club</p> <p>b)Journal club</p>
DR PRADEEP	2020-21	<p>Development of dentition and occlusion</p> <p>Etiology of malocclusion</p> <p>Case history</p>	<p>1) Integrated Interdisciplinary Learning</p> <p>a)Clinical club</p> <p>b)Journal club</p> <p>2)Problem Solving Methodology</p> <p>a)Learning model</p> <p>b)Rural club</p>
Dr.NISHAD	2020-21	<p>Classification of malocclusion</p> <p>Classification of malocclusion</p>	<p>1)Self Directed Learning</p> <p>a)Enhanced reading</p> <p>b)Additional tracing</p> <p>2)Patient Centric &amp; Evidence Based Learning</p> <p>a)Clinical discussion</p> <p>b)Journal presentation</p>
Dr AMEEN	2020-21	<p>Classification of malocclusion</p> <p>Ethiology of malocclusion</p> <p>Diagnostic aids</p> <p>Radiographs</p> <p>Photographs</p> <p>Occlusograms</p> <p>EMG</p> <p>Case history</p>	<p>1)Learning In The Humanities</p> <p>a)Orientation classes</p> <p>b)Training in community camps</p> <p>2)Participatory Learning</p> <p>a)Quiz</p> <p>b)Poster</p>
Dr.ASHWIN	2020-21	<p>Skeletal maturity indicators</p>	<p>1.Experimental learning</p> <p>a)Case based learning</p> <p>b)Clinical experiences</p>



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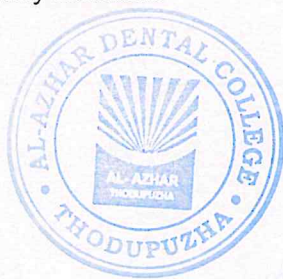
Dr. SANDEEP	2020-21	Occlusion basic concepts Study models	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing
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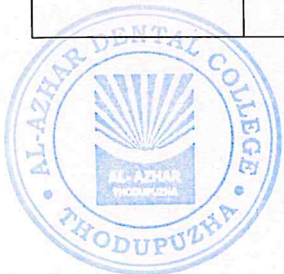
NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
DR AFZAL	2021-22	Introduction and history of orthodontics Growth and development basic concepts Theories of growth Growth and development –Mechanism of bone growth Growth and development- Pre and Postnatal growth of cranial base Growth and development- Pre and Postnatal growth of maxilla Growth and development- Pre and Postnatal growth of mandible Functional development	1.Experimental learning a)Case based learning b)Clinical experiences 2) Integrated Interdisciplinary Learning a)Clinical club b)Journal club
Dr AMEEN	2021-22	Classification of malocclusion Classification of malocclusion Diagnostic aids Radiographs Photographs Occlusograms EMG	1)Learning In the humanities a)Orientation classes b)Training in community camps  2)Participatory Learning a)Quiz b)Poster Presentation
Dr.FARAZ	2021-22	Etiology of malocclusion Etiology of malocclusion Case history Cephalometrics	1.Experimental learning a)Case based learning b)Clinical experiences
Dr. SANDEEP	2021-22	Development of dentition and occlusion Occlusion basic concepts Study models Skeletal maturity indicators	1)Problem Solving Methodology a)Learning model b)Rural club  2)Self Directed Learning a)Enhanced reading b)Additional tracing



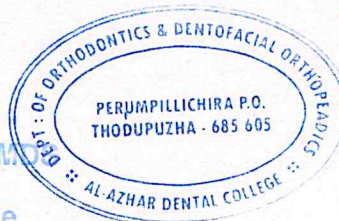
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DR AFZAL	2022-23	Introduction and history of orthodontics Growth and development basic concepts Theories of growth Growth and development –Mechanism of bone growth Growth and development- Pre and Postnatal growth of cranial base Growth and development- Pre and Postnatal growth of maxilla Growth and development- Pre and Postnatal growth of mandible Functional development	1.Experimental learning a)Case based learning b)Clinical experiences 2) Integrated Interdisciplinary Learning a)Clinical club b)Journal club
DR JOSE	2022-23	Development of dentition and occlusion Occlusion basic concepts	1) Integrated Interdisciplinary Learning a)Clinical club b)Journal club  2)Problem Solving Methodology a)Learning model b)Rural club
Dr.WAHEDA	2022-23	Diagnostic aids Radiographs Photographs Occlusograms Electromyography Case history	1)Self Directed Learning a)Enhanced reading b)Additional tracing  2)Patient Centric & Evidence Based Learning a)Clinical discussion b)Journal presentation
Dr.AMEEN	2022-23	Classification of malocclusion Classification of malocclusion	1)Learning In The Humanities a)Orientation classes b)Training in community camps  2)Participatory Learning a)Quiz b)Poster
Dr.THUSHAR	2022-23	Cephalometrics Study models	1.Experimental learning a)Case based learning b)Clinical experiences



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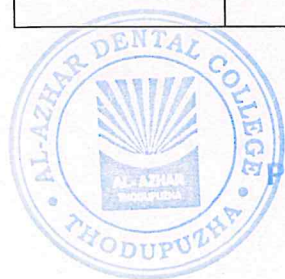
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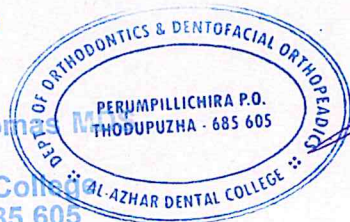


Dr. SANDEEP	2022-23	Skeletal maturity indicators	1) Problem Solving Methodology a) Learning model b) Rural club  2) Self Directed Learning a) Enhanced reading b) Additional tracing
Dr. FARAZ	2022-23	Etiology of malocclusion Etiology of malocclusion	1. Experimental learning a) Case based learning b) Clinical experiences

DR JOBY PAULOSE	2022-2023	Introduction and history of orthodontics Growth and development basic concepts Theories of growth Growth and development –Mechanism of bone growth Growth and development- Pre and Postnatal growth of cranial base Growth and development- Pre and Postnatal growth of maxilla Growth and development- Pre and Postnatal growth of mandible Functional development	1. Experimental learning a) Case based learning b) Clinical experiences 2) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr GAYATHRI	2022-23	Classification of malocclusion Classification of malocclusion	1) Learning in The Humanities a) Orientation classes b) Training in community camps  2) Participatory Learning a) Quiz b) Poster
Dr. JOSE	2022-23	Study models Skeletal maturity indicators	1. Experimental learning a) Case based learning b) Clinical experiences



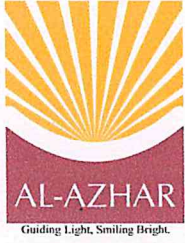
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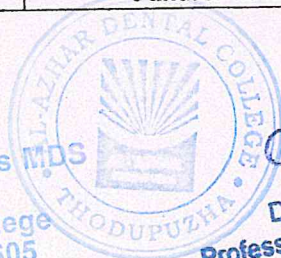
**DEPARTMENT OF PROSTHODONTICS**

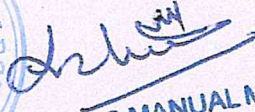


**STUDENT CENTRIC METHODS**  
**DEPARTMENT OF PROSTHODONTICS AND**  
**CROWN AND BRIDGE**

NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr Jacob Varghese	2018-19	<ul style="list-style-type: none"> <li>• Concepts of occlusion and balanced occlusion.</li> <li>• Immediate complete denture.</li> <li>• Impressions in fixed partial denture.</li> <li>• Working cast and dies.</li> <li>• Implant supported fixed partial denture.</li> </ul>	1)Self Directed Learning a) Enhanced reading. b) PowerPoint presentation. c) Study models.  2)Patient centric and evidence based learning a) Clinical discussion and learning.  b) Demonstration of clinical procedures.  c)Demonstration of laboratory procedures.
Dr Litto Manual	2018-19	<ul style="list-style-type: none"> <li>• Removable partial denture designing.</li> <li>• Dental implants.</li> <li>• Jaw relation and jaw movements.</li> <li>• Tooth selection and teeth arrangement.</li> <li>• Trial dentures.</li> <li>• Denture insertion and post insertion instructions.</li> <li>• Residual ridge resorption.</li> <li>• Introduction, diagnosis and treatment planning of fixed partial denture.</li> <li>• Pontics.</li> </ul>	1)Self Directed Learning a) Enhanced reading. b) PowerPoint presentation. c) Study models.  2)Patient centric and evidence based learning a) Clinical discussion and learning. b) Demonstration of clinical procedures. c)Case based Learning.
Dr Vinni Mary Oommen	2018-19	<ul style="list-style-type: none"> <li>• Dental investment materials.</li> <li>• Dental casting alloys.</li> <li>• Major connectors.</li> <li>• Indirect retainers.</li> <li>• Single complete denture.</li> <li>• Principles of tooth preparation in fixed partial denture.</li> <li>• Provisional restorations.</li> <li>• Fluid control and soft tissue management.</li> <li>• Retainers in fixed partial denture.</li> <li>• Connectors in fixed partial denture.</li> <li>• Failures in fixed partial denture.</li> </ul>	1)Self Directed Learning a) Enhanced reading. b) PowerPoint presentation. c) Study models.  2)Patient centric and evidence based learning a) Clinical discussion and learning. b) Demonstration of clinical procedures. c)Demonstration of laboratory procedures. d)Demonstration on study models.

  
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 Dr. LITTO MANUAL MDS  
 Professor and Head of Prosthodontics  
 Al-Azhar Dental College, Thodupuzha  
 Kerala State - 685 605

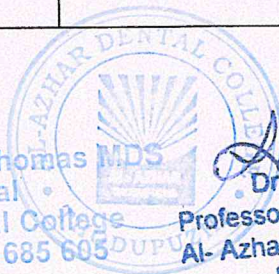





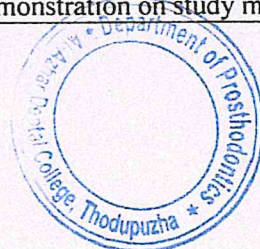
Dr Joyce Thomas	2018-19	<ul style="list-style-type: none"> <li>• Casting procedures and defects.</li> <li>• Die and die materials.</li> <li>• Introduction to removable partial denture.</li> <li>• Minor connectors.</li> <li>• Direct retainers.</li> <li>• Surveyor and surveying.</li> <li>• Removable partial denture impression materials and procedures.</li> <li>• Relining and rebasing.</li> <li>• Partial veneer crown preparation.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence-based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p> <p>c) Demonstration of laboratory procedures.</p> <p>d) Demonstration on study models.</p>
Dr Noufal P K	2018-19	<ul style="list-style-type: none"> <li>• Resin bonded fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration on study models</p>
Dr Bini K Issac	2018-19	<ul style="list-style-type: none"> <li>• Introduction of dental materials.</li> <li>• Gypsum products.</li> <li>• Physical properties of dental materials.</li> <li>• Denture base materials.</li> <li>• Tarnish and corrosion.</li> <li>• Dental ceramics.</li> <li>• Abrasion and polishing agents.</li> <li>• Overdenture.</li> <li>• Full veneer crown preparation.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning.</p> <p>a) Demonstration of laboratory procedures.</p> <p>b) Demonstration on study models.</p>
Dr Vishnu Thomas	2018-19	<ul style="list-style-type: none"> <li>• Impression materials.</li> <li>• Biologic considerations of dental materials.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Evidence based learning.</p> <p>a) Demonstration of laboratory procedures.</p> <p>b) Demonstration on study models.</p>
Dr Elsa Maria Sebastian	2018-19	<ul style="list-style-type: none"> <li>• Rests and rest seats.</li> <li>• Principles of Removable partial denture designing.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Evidence-based learning</p> <p>a) Demonstration on study models.</p>



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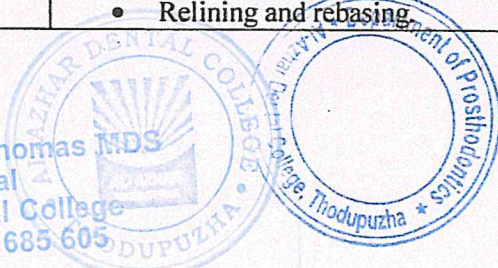
  
Dr. LITTO MANUAL MDS  
Professor and Head of Prosthodontics  
Al-Azhar Dental College, Thodupuzha  
Kerala State - 685 605





Dr Jacob Varghese	2019-2020	<ul style="list-style-type: none"> <li>•Concepts of occlusion and balanced occlusion.</li> <li>•Immediate complete denture.</li> <li>•Impressions in fixed partial denture.</li> <li>•Working cast and dies.</li> <li>•Implant supported fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <ol style="list-style-type: none"> <li>a) Enhanced reading.</li> <li>b) PowerPoint presentation.</li> <li>c) Study models.</li> </ol> <p>2)Patient centric and evidence based learning</p> <ol style="list-style-type: none"> <li>a) Clinical discussion and learning.</li> <li>b) Demonstration of clinical procedures.</li> <li>c) Demonstration of laboratory procedures.</li> </ol>
Dr Litto Manual	2019-20	<ul style="list-style-type: none"> <li>• Dental casting alloys.</li> <li>• Jaw relation and jaw movements.</li> <li>• Tooth selection and teeth arrangement.</li> <li>• Trial dentures.</li> <li>• Denture insertion and post insertion instructions.</li> <li>• Residual ridge resorption.</li> <li>• Introduction, diagnosis and treatment planning of fixed partial denture.</li> <li>• Provisional restoration.</li> <li>• Pontics.</li> <li>• Failures in fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <ol style="list-style-type: none"> <li>a) Enhanced reading.</li> <li>b) PowerPoint presentation.</li> <li>c) Study models.</li> </ol> <p>2)Patient centric and evidence based learning</p> <ol style="list-style-type: none"> <li>a) Clinical discussion and learning.</li> <li>b) Demonstration of clinical procedures.</li> <li>c) Demonstration on study models.</li> </ol>
Dr Vinni Mary Oommen	2019-2020	<ul style="list-style-type: none"> <li>• Dental investment materials.</li> <li>• Dental implants.</li> <li>• Single complete denture.</li> <li>• Principles of tooth preparation in fixed partial denture.</li> <li>• Fluid control and soft tissue management.</li> <li>• Retainers.</li> <li>• Connectors in fixed partial denture.</li> <li>• Resin bonded fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <ol style="list-style-type: none"> <li>a) Enhanced reading.</li> <li>b) PowerPoint presentation.</li> <li>c) Study models.</li> </ol> <p>2)Patient centric and evidence-based learning</p> <ol style="list-style-type: none"> <li>a) Clinical discussion and learning.</li> <li>b) Demonstration of clinical procedures.</li> <li>c) Demonstration on study models.</li> </ol>
Dr Joyce Thomas	2019-2020	<ul style="list-style-type: none"> <li>• Gypsum products.</li> <li>• Physical properties of dental materials.</li> <li>• Casting procedures casting defects.</li> <li>• Removable partial denture designing.</li> <li>• Abrasion and polishing agents.</li> <li>• Introduction, classification, diagnosis and treatment planning in removable partial denture.</li> <li>• Minor connectors.</li> <li>• Direct retainers .</li> <li>• Removable partial denture impression materials and procedures.</li> <li>• Principles of removable partial denture designing.</li> <li>• Relining and rebasing.</li> </ul>	<p>1)Self Directed Learning</p> <ol style="list-style-type: none"> <li>a) Enhanced reading.</li> <li>b) PowerPoint presentation.</li> <li>c) Study models.</li> </ol> <p>2)Patient centric and evidence-based learning</p> <ol style="list-style-type: none"> <li>a) Clinical discussion and learning.</li> <li>b) Demonstration of clinical procedures.</li> <li>c) Demonstration of laboratory procedures.</li> <li>d) Demonstration on study models.</li> </ol>


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Principal  
Al-Azhar Dental College  
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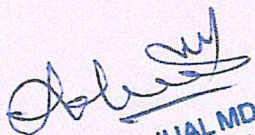
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Professor and Head of Prosthodontics  
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		<ul style="list-style-type: none"> <li>• Overdenture.</li> <li>• Partial veneer crown preparation.</li> </ul>	
Dr Manuel James	2019-2020	<ul style="list-style-type: none"> <li>• Introduction of dental materials.</li> <li>• Impression materials.</li> <li>• Biological considerations of dental materials.</li> <li>• Denture base materials.</li> <li>• Full veneer crown preparation.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Evidence based learning.</p> <p>a) Demonstration of laboratory procedures.</p> <p>b) Demonstration on study models.</p>
Dr Vishnu Thomas	2019-2020	<ul style="list-style-type: none"> <li>• Tarnish and corrosion.</li> <li>• Dental ceramics.</li> <li>• Die and die materials.</li> <li>• Indirect retainers.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Evidence based learning.</p> <p>a) Demonstration on study models.</p>
Dr Bini K Issac	2019-2020	<ul style="list-style-type: none"> <li>• Major connectors .</li> <li>• Rests and rest seats.</li> <li>• Surveyor and surveying.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Evidence based learning.</p> <p>a) Demonstration on study models</p>
Dr Jacob Varghese	2020-2021	<ul style="list-style-type: none"> <li>• Concepts of occlusion and balanced occlusion.</li> <li>• Impressions in fixed partial denture.</li> <li>• Working cast and dies.</li> <li>• Implant supported fixed partial denture.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p>
Dr Litto Manual	2020-2021	<ul style="list-style-type: none"> <li>• Tooth selection and teeth arrangement.</li> <li>• Trial dentures.</li> <li>• Denture insertion and post insertion instructions.</li> <li>• Pontics.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p> <p>c) Demonstration of laboratory procedures</p>

  
**Prof. Dr. Harvey Thomas MDS**  
 Principal  
 Al-Azhar Dental College  
 Thodupuzha - 685 605



  
**Dr. LITTO MANUAL MDS**  
 Professor and Head of Prosthodontics  
 Al-Azhar Dental College, Thodupuzha  
 Kerala State - 685 605



Dr Vinni Mary Oommen	2020-2021	<ul style="list-style-type: none"> <li>• Principles of removable partial denture designing.</li> <li>• Jaw relation and jaw movements.</li> <li>• Single complete denture.</li> <li>• Residual ridge resorption.</li> <li>• Introduction, diagnosis and treatment planning in fixed partial denture.</li> <li>• Principles of tooth preparation in fixed partial denture.</li> <li>• Provisional restorations.</li> <li>• Fluid control and soft tissue management.</li> <li>• Connectors in fixed partial denture.</li> <li>• Resin bonded fixed partial denture.</li> <li>• Failures in fixed partial denture.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p> <p>c) Demonstration of laboratory procedures.</p> <p>d) Demonstration on study models.</p>
Dr Joyce Thomas	2020-21	<ul style="list-style-type: none"> <li>• Major connectors.</li> <li>• Rests and rest seats.</li> <li>• Surveyor and surveying.</li> <li>• Removable partial denture impression materials and procedures.</li> <li>• Relining and rebasing.</li> <li>• Immediate complete denture.</li> <li>• Overdenture.</li> <li>• Full veneer crown preparation.</li> <li>• Retainers in fixed partial denture.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p> <p>c) Demonstration of laboratory procedures.</p> <p>d) Demonstration on study models.</p>
Dr Vishnu Thomas	2020-21	<ul style="list-style-type: none"> <li>• Introduction of dental materials.</li> <li>• Impression materials.</li> <li>• Physical properties of dental materials.</li> <li>• Denture base materials.</li> <li>• Tarnish and corrosion.</li> <li>• Dental ceramics.</li> <li>• Abrasion and polishing agents.</li> <li>• Removable partial denture designing.</li> <li>• Die and die materials.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Patient centric and evidence based learning</p> <p>a) Demonstration of laboratory procedures.</p> <p>b) Demonstration on study models.</p>
Dr Manuel James	2020-21	<ul style="list-style-type: none"> <li>• Gypsum products.</li> <li>• Impression materials.</li> <li>• Physical properties of dental materials.</li> <li>• Biological considerations of dental materials.</li> <li>• Introduction, terminologies, classification, diagnosis and treatment planning in removable partial denture.</li> <li>• Minor connectors.</li> <li>• Indirect retainers.</li> <li>• Partial veneer crown preparation.</li> </ul>	<p>1) Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2) Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of laboratory procedures.</p> <p>c) Demonstration on study models.</p>

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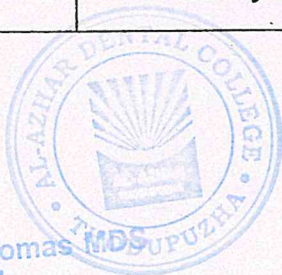
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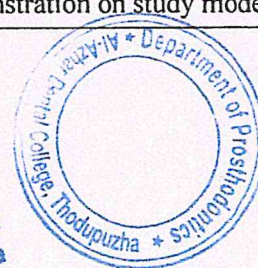


Dr Mahin Konthalam	2020-21	<ul style="list-style-type: none"> <li>• Dental investment materials.</li> <li>• Casting procedures and defects.</li> <li>• Removable partial denture designing.</li> <li>• Dental implants.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a)Demonstration of laboratory procedures.</p> <p>b)Demonstration on study models.</p>
Dr Litto Manual	2021-22	<ul style="list-style-type: none"> <li>• Casting procedures and defects.</li> <li>• Jaw relation and jaw movements.</li> <li>• Concepts of occlusion and balanced occlusion.</li> <li>• Tooth selection and teeth arrangement.</li> <li>• Trial dentures.</li> <li>• Denture insertion and post insertion instructions.</li> <li>• Relining and rebasing.</li> <li>• Single complete denture.</li> <li>• Over denture.</li> <li>• Residual ridge resorption.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p> <p>c)Demonstration of laboratory procedures.</p>
Dr Vinni Mary Oommen	2021-22	<ul style="list-style-type: none"> <li>• Dental casting alloys.</li> <li>• Direct retainers.</li> <li>• Introduction, diagnosis and treatment planning in fixed partial denture.</li> <li>• Principles of tooth preparation.</li> <li>• Provisional restoration.</li> <li>• Fluid control and soft tissue management.</li> <li>• Working casts and dies.</li> <li>• Retainers.</li> <li>• Pontics.</li> <li>• Connectors.</li> <li>• Resin bonded fixed partial denture.</li> <li>• Failures in fixed partial denture.</li> <li>• Implant supported fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence-based learning</p> <p>a) Clinical discussion and learning.</p> <p>b)Demonstration on study models.</p>
Dr Joyce Thomas	2021-22	<ul style="list-style-type: none"> <li>• Dental investment materials.</li> <li>• Removable partial denture designing.</li> <li>• Abrasion and polishing agents.</li> <li>• Die and die materials.</li> <li>• Major connectors.</li> <li>• Minor connectors.</li> <li>• Surveyor and surveying.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>b)Demonstration on study models.</p>

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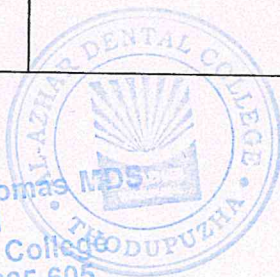
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Al-Azhar Dental College, Thodupuzha  
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Dr Manuel James	2021-22	<ul style="list-style-type: none"> <li>Tarnish and corrosion.</li> <li>Dental ceramics.</li> <li>Dental implants.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>b)Demonstration on study models.</p>
Dr Vishnu Thomas	2021-22	<ul style="list-style-type: none"> <li>Gypsum products.</li> <li>Biological considerations of dental materials.</li> <li>Denture base materials.</li> <li>Introduction, terminologies, classification, diagnosis and treatment planning in removable partial denture.</li> <li>Rest and rest seats.</li> <li>Indirect retainers.</li> <li>Principles of removable partial denture designing.</li> <li>Immediate complete dentures.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of laboratory procedures.</p> <p>c)Demonstration of clinical procedures.</p>
Dr Ajay Soman	2021-22	<ul style="list-style-type: none"> <li>Introduction of dental materials.</li> <li>Impression materials.</li> <li>Physical properties of dental materials.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>b)Demonstration on study models.</p>
Dr Junu Henry	2021-22	<ul style="list-style-type: none"> <li>Rpd impression materials and procedures.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence-based learning</p> <p>a) Clinical discussion and learning.</p> <p>b)Demonstration of Clinical procedures..</p>
Dr Jovin Cherian	2021-22	<ul style="list-style-type: none"> <li>Partial veneer crown preparation.</li> <li>Impressions in fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p> <p>c)Demonstration of laboratory procedures.</p> <p>d)Demonstration on study models</p>

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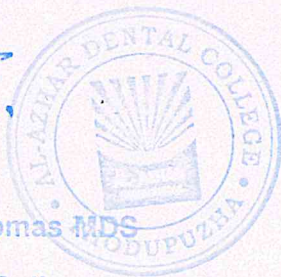
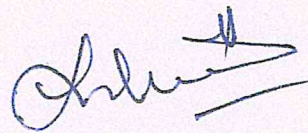
Dr. LITTO MANUAL MDS  
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Al-Azhar Dental College, Thodupuzha  
- 685 605



Dr Ajasmon K A	2021-22	<ul style="list-style-type: none"> <li>• Full veneer crown preparation</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading. b) PowerPoint presentation. c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning. b) Demonstration of clinical procedures. c)Demonstration of laboratory procedures. d)Demonstration on study models</p>
Dr Litto Manual	2022-23	<ul style="list-style-type: none"> <li>•Casting procedures and defects.</li> <li>•Jaw relation and jaw movements.</li> <li>•Concepts of occlusion and balanced occlusion.</li> <li>•Tooth selection and teeth arrangement.</li> <li>•Trial dentures.</li> <li>•Denture insertion and post insertion instructions.</li> <li>•Relining and rebasing.</li> <li>•Single complete denture.</li> <li>•Over denture.</li> <li>•Residual ridge resorption.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading. b) PowerPoint presentation. c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning. b) Demonstration of clinical procedures. c)Demonstration of laboratory procedures</p>
Dr Vinni Mary Oommen	2022-23	<ul style="list-style-type: none"> <li>•Dental casting alloys.</li> <li>•Direct retainers.</li> <li>•Introduction, diagnosis and treatment planning in fixed partial denture.</li> <li>•Principles of tooth preparation.</li> <li>•Provisional restoration.</li> <li>•Fluid control and soft tissue management.</li> <li>•Working casts and dies.</li> <li>•Retainers.</li> <li>•Pontics.</li> <li>•Connectors.</li> <li>•Resin bonded fixed partial denture.</li> <li>•Failures in fixed partial denture.</li> <li>•Implant supported fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading. b) PowerPoint presentation. c) Study models.</p> <p>2)Patient centric and evidence-based learning</p> <p>a) Clinical discussion and learning. b)Demonstration on study models.</p>
Dr Rahul J	2022-23	<ul style="list-style-type: none"> <li>• Abrasion and polishing agents</li> <li>• Rpd designing</li> <li>• Major connectors</li> <li>• Minor connectors</li> <li>• Direct retainers</li> <li>• Indirect retainers</li> <li>• Rpd impression materials and procedures</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading. b) PowerPoint presentation. c) Study models.</p> <p>2)Patient centric and evidence-based learning</p> <p>a)Demonstration on study models.</p>



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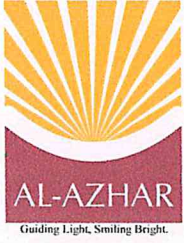


Dr Vishnu Thomas	2022-23	<ul style="list-style-type: none"> <li>• Impression materials</li> <li>• Immediate complete denture</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence-based learning</p> <p>a) Clinical discussion and learning.</p> <p>b)Demonstration of clinical procedures.</p>
Dr Ajay Soman	2022-23	<ul style="list-style-type: none"> <li>• Introduction, terminologies, classification, diagnosis and treatment planning in removable partial denture.</li> <li>• Rests and rest seats.</li> <li>• Surveyor and surveying.</li> <li>• Principles of removable partial denture designing.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of laboratory procedures.</p>
DrJovin Cherian	2022-23	<ul style="list-style-type: none"> <li>• Gypsum products.</li> <li>• Biological considerations of dental materials.</li> <li>• Dental investment materials.</li> <li>• Removable partial denture designing.</li> <li>• Die and die materials.</li> <li>• Partial veneer crown preparation.</li> <li>• Impressions in fixed partial denture.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a) Clinical discussion and learning.</p> <p>b) Demonstration of clinical procedures.</p> <p>c)Demonstration of laboratory procedures.</p> <p>d)Demonstration on study models.</p>
Dr Junu Henry	2022-23	<ul style="list-style-type: none"> <li>• Introduction of dental materials.</li> <li>• Impression materials.</li> <li>• Physical properties of dental materials.</li> <li>• Tarnish and corrosion.</li> <li>• Dental ceramics.</li> <li>• Full veneer crown preparation.</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence based learning</p> <p>a)Demonstration of laboratory procedures.</p> <p>b)Demonstration on study models.</p>
Dr Anu Merlin Thampy	2022-23	<ul style="list-style-type: none"> <li>• Denture base materials</li> </ul>	<p>1)Self Directed Learning</p> <p>a) Enhanced reading.</p> <p>b) PowerPoint presentation.</p> <p>c) Study models.</p> <p>2)Patient centric and evidence-based learning</p> <p>a)Demonstration on study models.</p>

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Kerala State - 685 605





Off : 04862 224366  
Fax: 04862 229586

# **AL-AZHAR DENTAL COLLEGE**

**(APPROVED BY DENTAL COUNCIL OF INDIA & AFFILIATED TO KUHS)**

**RUN BY NOORUL ISLAM TRUST**

**PERUMPILICHIRA P. O., THODUPUZHA, IDUKKI DIST., KERALA- 685 605**


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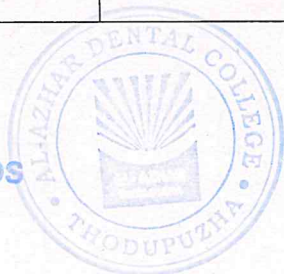
**DEPARTMENT OF PERIODONTICS**




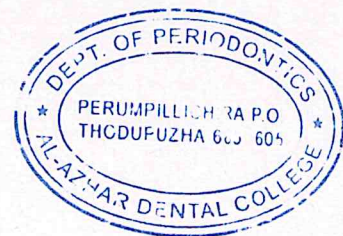
**STUDENT CENTRIC METHODS**  
**DEPARTMENT OF PERIODONTOLOGY**

Dr. Sajil John	2018-19	Introduction to periodontology Defensive mechanisms in the oral cavity Clinical features of gingivitis	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Shiny Joseph	2018-19	Introduction to periodontium : Gingiva Gingival disease: Gingival inflammation and acute gingival Infections Etiology : Dental plaque	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Cini P Moideen	2018-19	Development of periodontium: Periodontal ligament Age changes in teeth and periodontal structures and their association with periodontal diseases Gingival diseases: gingival enlargement Etiology: Trauma from occlusion Interdisciplinary dentistry: orthodontics	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Ammu Thomas	2018-19	Development of periodontium: cementum Classification of periodontal diseases Periodontal pocket Interdisciplinary dentistry: conservative dentistry Risk factors	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club

  
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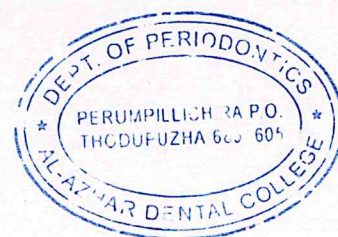
  
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Dr. Mynu	2018-19	Introduction to periodontium: Alveolar Bone Epidemiology of periodontal diseases Gingival diseases: desquamative gingivitis Etiology : systemic diseases	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. SajilJhon	2019-20	Introduction to periodontology Defensive mechanisms in the oral cavity Gingival diseases : clinical features of gingivitis	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Shiny Joseph	2019-20	Introduction to periodontium: Gingiva Gingival diseases: gingival inflammation Gingival diseases:Acute gingival infections Etiology: dental plaque	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Cini P Moideen	2019-20	Development of periodontium: Periodontal ligament Age changes in teeth and periodontal structures and their association with periodontal diseases Gingival diseases: gingival enlargement Etiology: Trauma from occlusion Interdisciplinary dentistry: orthodontics	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Ammu Thomas	2019-20	Development of periodontium: cementum Classification of periodontal diseases Periodontal pocket Interdisciplinary dentistry: conservative	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading

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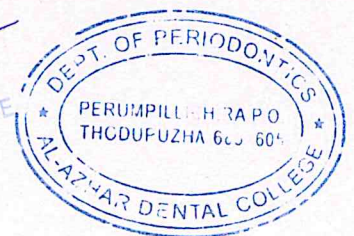


		dentistry Risk factors	b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Mynu	2019-20	Introduction to periodontium: Alveolar Bone Epidemiology of periodontal diseases Gingival diseases: desquamative gingivitis Etiology : systemic diseases	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. SajilJhon	2020-21	Introduction to periodontology Defensive mechanisms in the oral cavity	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Shiny Joseph	2020-21	Development of periodontium: Gingiva Gingival diseases: Gingival inflammation Gingival diseases: Acute gingival infections Etiology: Dental plaque	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Cini P Moideen	2020-21	Introduction to periodontium: Periodontal ligament Age changes in teeth and periodontal structures and their association with periodontal diseases Gingival diseases: gingival enlargement	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club

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Dr. Anu Mathew	2020-21	Development of periodontium: Cementum Epidemiology of periodontal diseases Periodontal pockets Etiology : Trauma from occlusion Interdisciplinary dentistry: conservative dentistry Risk factors	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Surya Suprabhan	2020-21	Introduction to periodontium: Alveolar bone Classification of periodontal diseases Gingival diseases : Desquamative gingivitis Interdisciplinary dentistry: Prosthodontics	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Archana V	2020-21	Etiology: systemic diseases	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Mazood Ahmed	2020-21	Interdisciplinary dentistry: Orthodontics	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club



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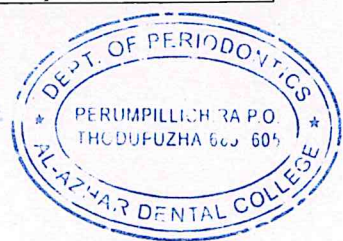


Dr. Sajil John	2021-22	Introduction to periodontology Defensive mechanism in the oral cavity Clinical features of gingivitis	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Shiny Joseph	2021-22	Introduction to Periodontium : gingiva Gingival Disease : Gingival inflammation and acute gingival infection Etiology: dental plaque	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Anu Mathew	2021-22	Introduction to periodontium: periodontal ligament Age changes in teeth and periodontal structures and their association with periodontal disease Gingival diseases : gingival enlargement	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Surya Suprabhan	2021-22	Development of periodontium: cementum Epidemiology of periodontal diseases Periodontal pocket Etiology : trauma from occlusion Interdisciplinary dentistry : conservative dentistry	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Archana V	2021-22	Introduction to periodontium : alveolar bone Classification of periodontal diseases	1. Experimental learning a) Case based learning b) Clinical experiences

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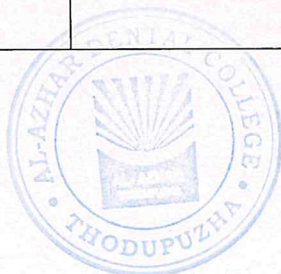
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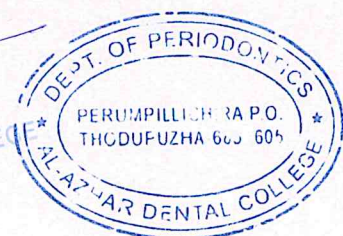


		Gingival diseases : desquamative gingivitis Interdisciplinary dentistry : prosthodontics	2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Mazood Ahmed	2021-22	Etiology : systemic diseases Risk factors Interdisciplinary dentistry : orthodontics	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Sajil John	2022-23	Introduction to periodontology Defensive mechanism in the oral cavity Clinical features of gingivitis	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Surya Suprabhan	2022-23	Introduction to periodontium : gingiva Gingival disease : gingival inflammation and acute gingival infection Etiology: dental plaque Interdisciplinary dentistry : prosthodontics	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Anumathew	2022-23	Development of periodontium: cementum Epidemiology of periodontal diseases Etiology ; trauma from occlusion Interdisciplinary dentistry : conservative dentistry	1.Experimental learning a) Case based learning b) Clinical experiences 2)Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club

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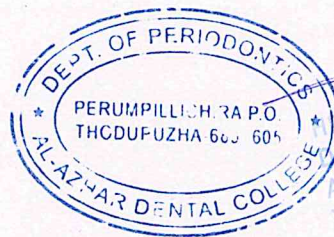




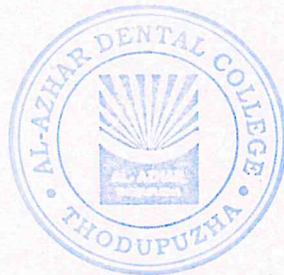
			b) Journal club
Dr. Archana V	2022-23	Etiology: systemic diseases Periodontal pockets Classification of periodontal diseases	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club
Dr. Mazood Ahmed	2022-23	Risk factors Interdisciplinary dentistry : orthodontics	1. Experimental learning a) Case based learning b) Clinical experiences 2) Self Directed Learning a) Enhanced reading b) Additional tracing 3) Integrated Interdisciplinary Learning a) Clinical club b) Journal club



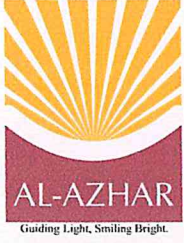
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Fax: 04862 229586

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**RUN BY NOORUL ISLAM TRUST**

**PERUMPILICHIRA P. O., THODUPUZHA, IDUKKI DIST., KERALA- 685 605**

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**DEPARTMENT OF CONSERVATIVE DENTISTRY AND  
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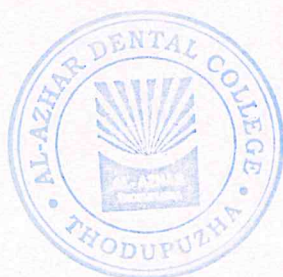


## STUDENT CENTRIC METHODS

### DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHODS USED
DrManoj	2018-19	Introduction Introduction to conservative dentistry Nomenclature of dentition Esthetics in dentistry Emergency endodontic procedures	1.Experimental learning a) Case based learning b) Clinical experiences 2.Self-directed learning a) Enhanced reading b) Additional tracing c)Solving more problems
Dr Bobby	2018-19	Biological considerations in use of dental materials Nomenclature of dentition, tooth numbering systems Gnathological concepts of restorations-occlusion Anterior restorations Cast restorations Anatomy of pulp space Endo-perio lesions	1.Integrated inter disciplinary learning a) Clinical club b) Journal club c)Participatory learning 2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion

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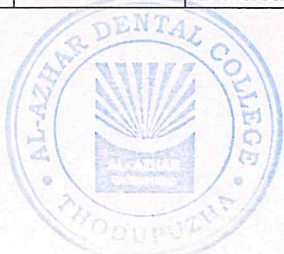


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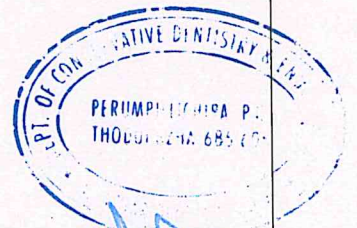
DrNishin	2018-19	<p>Dental cements</p> <p>Dental waxes</p> <p>Definition, aim and scope of conservative dentistry and endodontics</p> <p>Tooth preparation for amalgam restorations. Stepwise procedure for class I,II,III,IV,V amalgam restorations.Failure of amalgam restorations</p> <p>Dental caries</p> <p>Isolation of operating field</p> <p>Management of deep carious lesions</p> <p>Composite restorations-recent advances, direct and indirect</p> <p>Access cavity preparation</p> <p>Obturation of root canal system</p> <p>Endodontic surgeries</p>	<p>1.Problem solving methodology</p> <p>a) Learning model</p> <p>b) Rural club</p> <p>2.Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c)Solving more problems</p>
Dr Aby	2018-19	<p>Restorative resins</p> <p>Dental ceramics</p> <p>Restoration, defenition and objectives</p> <p>Contact and ciontour of teeth-different methods of teeth separation</p> <p>Matrices, retainers and wedges</p> <p>Treatment planning for restorative procedures</p> <p>Contacts and contour</p> <p>Gingival tissue management</p> <p>Casting</p> <p>Preparation of root canal space – determination of working length</p> <p>Cleaning and shaping</p> <p>Traumatized teeth</p> <p>Re-treatment in endodontics</p>	<p>1.Learning in the humanities</p> <p>a) Orientation classes</p> <p>b) training in community camps</p> <p>c)Outreach</p> <p>2.Participatory learning</p> <p>a) Quiz</p> <p>b) Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>



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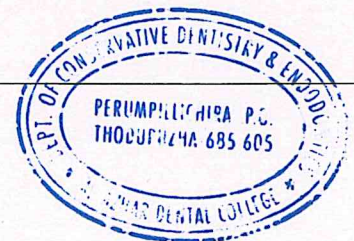


DrMoushmi	2018-19	Dental amalgam Dental casting alloys Hand instruments Management of deep carious lesions Preventive measures in restorative practice Amalgam restorations Complex amalgam restorations Alternative methods of tooth preparation-air abrasion, chemomechanical methods, laser Non-carious destruction of tooth structure Disinfection of root canal space Irrigants Intracanal medicaments Discoloured teeth and its management Success and failure of endodontics	1.Experimental learning a) Case based learning b) Clinical experiences  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
DrBinila	2018-19	Direct filling gold Metals and alloys Dental caries –etiology, classification Finishing and polishing and restorations Armamentarium for tooth preparation Pain control in restorative procedures Dentinal hypersensitivity Minimal invasive dentistry Root caries Direct filling gold restorations	1.Learning in the humanities a) Orientation classes b) training in community camps c)Outreach  2.Participatory learning a) Quiz b) Poster c)Paper presentation d)Seminar presentation e)Case presentation



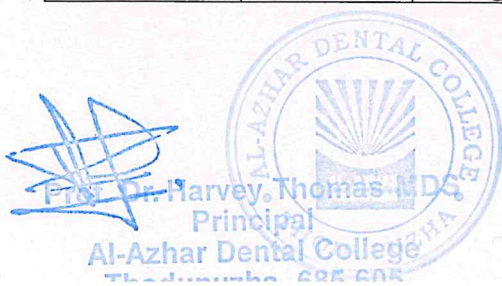
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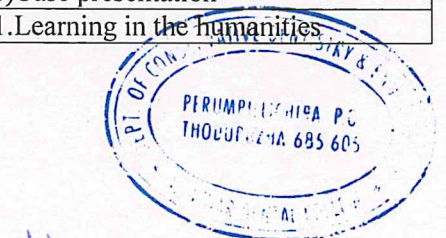




		Root resorption Problems during cleaning and shaping of root canals Smear layer and its importance	
Dr Sonia	2018-19	Mechanics of cutting Fundamentals in tooth preparation Chairside positions – patient and operative positions Infection control Composite restorations Ceramic restorations Root canal sealers	1. Integrated inter disciplinary learning a) Clinical club b) Journal club c) Participatory learning  2. Participatory learning a) Quiz b) Poster c) Paper presentation d) Seminar presentation e) Case presentation
Dr Noushin	2018-19	Waste disposal Rotary cutting instruments Access cavity and brief introduction of root canal instruments Pulp protection Adhesion to tooth structure Temporization of inter-rim restorations Post endodontic restorations Lasers and microscopes in conservative	1. Self-directed learning a) Enhanced reading b) Additional tracing c) Solving more problems  2. Patient centric and evidence based learning a) Clinical discussion b) Journal discussion
Dr Manoj	2019-20	Introduction Introduction to conservative dentistry Nomenclature of dentition Esthetics in dentistry Emergency endodontic procedures	1. Problem solving methodology a) Learning model b) Rural club  2. Participatory learning a) Quiz b) Poster c) Paper presentation d) Seminar presentation e) Case presentation
Dr Bobby	2019-20	Biological considerations in use of dental	1. Learning in the humanities



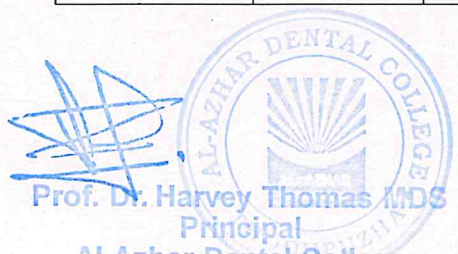
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*Manoj*



		<p>materials</p> <p>Nomenclature of dentition, tooth numbering systems</p> <p>Gnathological concepts of restorations-occlusion</p> <p>Anterior restorations</p> <p>Cast restorations</p> <p>Anatomy of pulp space</p> <p>Endo-perio lesions</p>	<p>a) Orientation classes</p> <p>b) training in community camps</p> <p>c)Outreach</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
DrNishin	2019-2020	<p>Dental cements</p> <p>Dental waxes</p> <p>Definition, aim and scope of conservative dentistry and endodontics</p> <p>Tooth preparation for amalgam restorations. Stepwise procedure for class 1 2 3 4 5 amalgam restorations.failure of amalgam restorations</p> <p>Dental caries</p> <p>Isolation of operating field</p> <p>Management of deep carious lesions</p> <p>Composite restorations-recent advances, direct and indirect</p> <p>Access cavity preparation</p> <p>Obturation of root canal system</p> <p>Endodontic surgeries</p>	<p>1.Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2.Participatory learning</p> <p>a) Quiz</p> <p>b) Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>
Dr Aby	2019-2020	<p>Restorative resins</p> <p>Dental ceramics</p> <p>Restoration, defenition and objectives</p> <p>Contact and ciontour of teeth-different methods of teeth separation</p> <p>Matrices, retainers and wedges</p> <p>Treatment planning for restorative</p>	<p>1.Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2.Participatory learning</p> <p>a) Quiz</p> <p>b) Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e) Case presentation</p>




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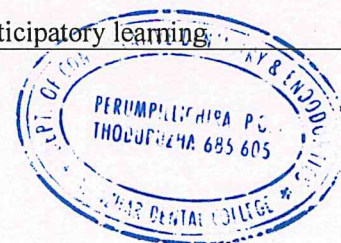
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		<p>procedures</p> <p>Contacts and contour</p> <p>Gingival tissue management</p> <p>Casting</p> <p>Preparation of root canal space – determination of working length Cleaning and shaping</p> <p>Traumatized teeth</p> <p>Re-treatment in endodontics</p>	
Dr Binila	2019-2020	<p>Direct filling gold</p> <p>Metals and alloys</p> <p>Dental caries –etiology, classification</p> <p>Finishing and polishing and restorations</p> <p>Armamentarium for tooth preparation</p> <p>Pain control in restorative procedures</p> <p>Dentinal hypersensitivity</p> <p>Minimal invasive dentistry</p> <p>Root caries</p> <p>Direct filling gold restorations</p> <p>Problems during cleaning and shaping of root canals</p> <p>Smear layer and its importance</p> <p>Root resorption'</p>	<p>1. Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2. Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b) Journal discussion</p>
Dr Sonia	2019-2020	<p>Mechanics of cutting</p> <p>Fundamentals in tooth preparation</p> <p>Chairside positions – patient and operative positions</p> <p>Infection control</p>	<p>1. Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c) Solving more problems</p> <p>2. Participatory learning</p>

  
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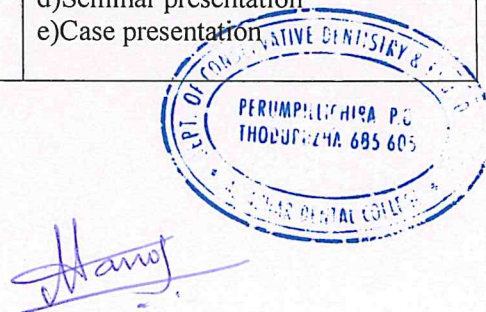
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		Composite restorations Ceramic restorations Root canal sealers	a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
DrNoushin	2019-2020	Waste disposal Rotary cutting instruments Access cavity and brief introduction of root canal instruments Pulp protection Adhesion to tooth structure Temporization of inter-rim restorations Post endodontic restorations Lasers and microscopes in conservative	1.Problem solving methodology a) Learning model b) Rural club  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
DrManoj	2020-2021	Introduction Introduction to conservative dentistry Nomenclature of dentition Esthetics in dentistry Emergency endodontic procedures	1.Learning in the humanities a)Orientation classes b) training in community camps c)Outreach  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion
Dr Bobby	2020-2021	Biological considerations in use of dental materials Mechanics of cutting Nomenclature of dentition ,tooth numbering systems Fundamentals in tooth preparation Gnathological concepts of restorations-occlusion Anterior restorations Cast restorations Anatomy of pulp space	1.Integrated inter disciplinary learning a) Clinical club b) Journal club c)Participatory learning  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation


  
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DrNishin	2020-2021	<p>Dental cements</p> <p>Dental waxes</p> <p>Definition,aim and scope of conservative dentistry and endodontics</p> <p>Tooth preparation for amalgam restorations .stepwise procedure for class 1 2 3 4 5 amalgam restorations.failure of amalgam restorations</p> <p>Dental caries</p> <p>Isolation of operating field</p> <p>Management of deep carious lesions</p> <p>Composite restorations</p> <p>Composite restorations-recent advances,direct and indirect</p> <p>Access cavity preparation</p> <p>Obturation of root canal system</p> <p>Endodontic surgeries</p>	<p>1.Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
Dr Aby	2020-2021	<p>Restorative resins</p> <p>Dental ceramics</p> <p>Restoration,defenition and objectives</p> <p>Contact and contour of teeth-different methods of teeth separation</p> <p>Matrices,retainers and wedges</p> <p>Treatment planning for restorative procedures</p> <p>Infection control</p> <p>Contacts and contour</p> <p>Gingival tissue management</p> <p>Casting</p>	<p>1.Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c)Solving more problems</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>

  
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		Preparation of root canal space – determination of working length Cleaning and shaping  Traumatized teeth  Re-treatment in endodontics	
DrMoushmi	2020-2021	Dental amalgam  Dental casting alloys  Hand instruments  Management of deep carious lesions  Preventive measures in restorative practice  Amalgam restorations  Complex amalgam restorations  Alternative methods of tooth preparation-air abrasion, chemomechanical methods, laser  Non-carious destruction of tooth structure  Disinfection of root canal space Irrigants Intracanal medicaments  Discoloured teeth and its management  Success and failure of endodontics  Endo-perio lesions	1. Learning in the humanities a) Orientation classes b) training in community camps c) Outreach programmes 2. Participatory learning a) Quiz b) Poster c) Paper presentation d) Seminar presentation e) Case presentation
DrBinila	2020-2021	Direct filling gold  Metals and alloys  Dental caries –etiology, classification  Finishing and polishing and restorations  Chairside positions-patients and operator positions  Armamentarium for tooth preparation  Pain control in restorative procedures  Dentinal hypersensitivity	1. Experimental learning a) Case based learning b) Clinical experiences  2. Participatory learning a) Quiz b) Poster c) Paper presentation d) Seminar presentation e) Case presentation

  
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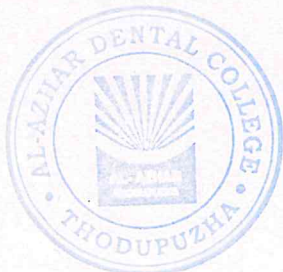
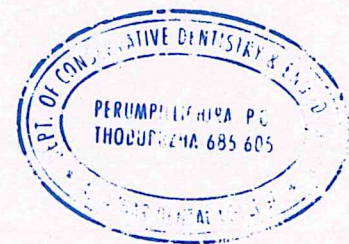






		<p>Minimal invasive dentistry</p> <p>Root caries</p> <p>Direct filling gold restorations</p> <p>Problems during cleaning and shaping of root canals</p> <p>Smear layer and its importance</p> <p>Root resorption</p> <p>Lasers and microscopes in conservative</p>	
Dr Sonia	2020-2021	Root canal sealers	<p>1.Learning in the humanities</p> <p>a)Orientation classes</p> <p>b) Training in community camps</p> <p>c)Outreachprogrammes</p>
DrNoushin	2020-2021	<p>Waste disposal</p> <p>Rotary cutting instruments</p> <p>Access cavity and brief introduction of root canal instruments</p> <p>Pulp protection</p> <p>Adhesion to tooth structure</p> <p>Temporization of inter-rim restorations</p> <p>Ceramic restorations</p> <p>Post endodontic restorations</p>	<p>1.Learning in the humanities</p> <p>a)Orientation classes</p> <p>b) training in community camps</p> <p>c)Outreach programmes</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>

  
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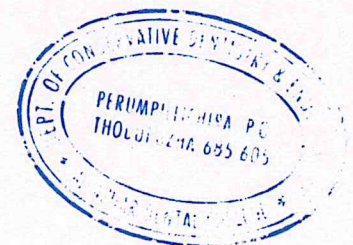


DrManoj	2021-2022	<p>Introduction</p> <p>Introduction to conservative dentistry</p> <p>Nomenclature of dentition</p> <p>Esthetics in dentistry</p> <p>Emergency endodontic procedures</p>	<p>1.Integrated inter disciplinary learning</p> <p>a) Clinical club</p> <p>b) Journal club</p> <p>c)Participatory learning</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>
Dr Bobby	2021-2022	<p>Biological considerations in use of dental materials</p> <p>Nomenclature of dentition,tooth numbering systems</p> <p>Gnathological concepts of restorations-occlusion</p> <p>Anterior restorations</p> <p>Cast restorations</p> <p>Anatomy of pulp space</p> <p>Endo-perio lesions</p>	<p>1.Problem solving methodology</p> <p>a) Learning model</p> <p>b) Rural club</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>



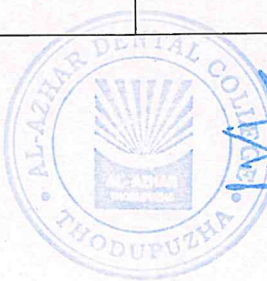
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DrNishin	2021-2022	<p>Dental cements</p> <p>Dental waxes</p> <p>Definition, aim and scope of conservative dentistry and endodontics</p> <p>Tooth preparation for amalgam restorations. Stepwise procedure for class 1 2 3 4 5 amalgam restorations.failure of amalgam restorations</p> <p>Dental caries</p> <p>Isolation of operating field Management of deep carious lesions</p> <p>Composite restorations-recent advances, direct and indirect</p> <p>Access cavity preparation</p> <p>Obturation of root canal system</p> <p>Endodontic surgeries</p>	<p>1.Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c)Solving more problems</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
Dr Aby	2021-2022	<p>Restorative resins</p> <p>Dental ceramics</p> <p>Restoration, defenition and objectives</p> <p>Contact and ciontour of teeth-different methods of teeth separation</p> <p>Matrices, retainers and wedges</p> <p>Treatment planning for restorative procedures</p> <p>Contacts and contour</p> <p>Gingival tissue management</p> <p>Casting</p>	<p>1.Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c)Solving more problems</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>



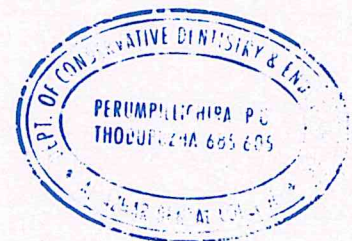
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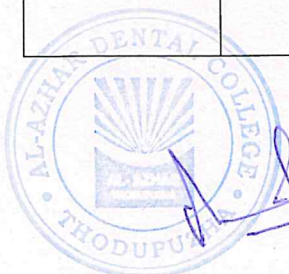
		Preparation of root canal space – determination of working length Cleaning and shaping	
		Traumatized teeth	
		Re-treatment in endodontics	
DrMoushmi	2021-2022	Dental amalgam  Dental casting alloys  Hand instruments  Management of deep carious lesions  Preventive measures in restorative practice  Amalgam restorations  Complex amalgam restorations  Alternative methods of tooth preparation-air abrasion, chemomechanical methods, laser  Non-carious destruction of tooth structure  Disinfection of root canal space Irrigants  Intracanal medicaments  Discoloured teeth and its management  Success and failure of endodontics	1.Experimental learning a) Case based learning b) Clinical experiences  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation



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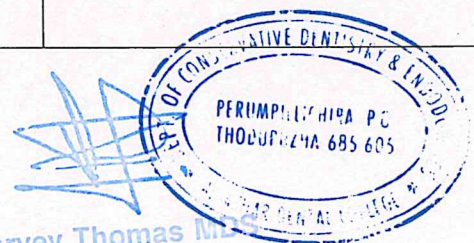


DrBinila	2021-2022	<p>Direct filling gold</p> <p>Metals and alloys</p> <p>Dental caries –etiology, classification</p> <p>Finishing and polishing and restorations</p> <p>Armamentarium for tooth preparation</p> <p>Pain control in restorative procedures</p> <p>Dentinal hypersensitivity</p> <p>Minimal invasive dentistry</p> <p>Root caries</p> <p>Direct filling gold restorations</p> <p>Problems during cleaning and shaping of root canals</p> <p>Smear layer and its importance</p> <p>Root resorption</p>	<p>1.Learning in the humanities</p> <p>a)Orientation classes</p> <p>b) training in community camps</p> <p>c)Outreach</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>
Dr Sonia	2021-2022	<p>Mechanics of cutting</p> <p>Fundamentals in tooth preparation</p> <p>Chairside positions – patient and operative positions</p> <p>Infection control</p> <p>Composite restorations</p> <p>Ceramic restorations</p> <p>Root canal sealers</p>	<p>1.Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>



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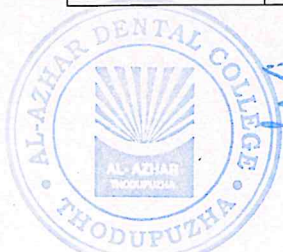
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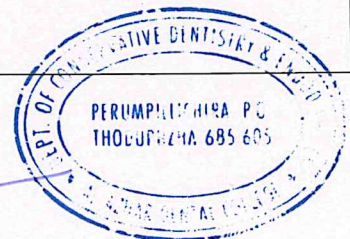


DrNoushin	2021-2022	<p>Waste disposal</p> <p>Rotary cutting instruments</p> <p>Access cavity and brief introduction of root canal instruments</p> <p>Pulp protection</p> <p>Adhesion to tooth structure</p> <p>Temporization of inter-rim restorations</p> <p>Post endodontic restorations</p> <p>Lasers and microscopes in conservative</p>	<p>1.Integrated inter disciplinary learning</p> <p>a) Clinical club</p> <p>b) Journal club</p> <p>c)Participatory learning</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>
DrManoj	2021-22	<p>Introduction</p> <p>Introduction to conservative dentistry</p> <p>Nomenclature of dentition</p> <p>Esthetics in dentistry</p> <p>Emergency endodontic procedures</p>	<p>1.Learning in the humanities</p> <p>a)Orientation classes</p> <p>b) training in community camps</p> <p>c)Outreach</p>
DrNishin	2021-22	<p>Biological considerations in use of dental materials</p> <p>Dental cements</p> <p>Dental waxes</p> <p>Definition, aim and scope of conservative dentistry and endodontics</p> <p>Tooth preparation for amalgam restorations. Stepwise procedure for class 1 2 3 4 5 amalgam restorations.failure of amalgam restorations</p> <p>Gnathological concepts of restorations-occlusion</p> <p>Dental caries</p> <p>Isolation of operating field</p> <p>Management of deep carious lesions</p>	<p>1.Problem solving methodology</p> <p>a) Learning model</p> <p>b) Rural club</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>



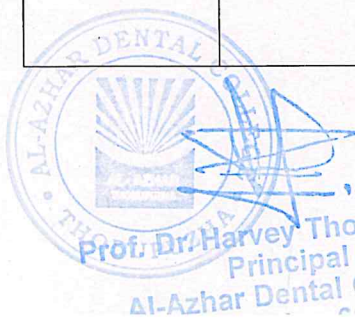
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		<p>Composite restorations-recent advances, direct and indirect</p> <p>Access cavity preparation</p> <p>Obturation of root canal system</p> <p>Endodontic surgeries</p>	
Dr Aby	2021-22	<p>Restorative resins</p> <p>Mechanics of cutting</p> <p>Nomenclature of dentition, tooth numbering systems</p> <p>Restoration, definition and objectives</p> <p>Contact and contour of teeth-different methods of teeth separation</p> <p>Matrices, retainers and wedges</p> <p>Treatment planning for restorative procedures</p> <p>Pain control in restorative procedures</p> <p>Contacts and contour</p> <p>Gingival tissue management</p> <p>Cast restorations</p> <p>Preparation of root canal space – determination of working length</p> <p>Cleaning and shaping</p> <p>Traumatized teeth</p> <p>Re-treatment in endodontics</p>	<p>1. Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c) Solving more problems</p> <p>2. Participatory learning</p> <p>a) Quiz</p> <p>b) Poster</p> <p>c) Paper presentation</p> <p>d) Seminar presentation</p> <p>e) Case presentation</p>
Dr Moushmi	2021-22	<p>Dental amalgam</p> <p>Dental casting alloys</p> <p>Hand instruments</p> <p>Management of deep carious lesions</p>	<p>1. Learning in the humanities</p> <p>a) Orientation classes</p> <p>b) training in community camps</p> <p>c) Outreach</p>



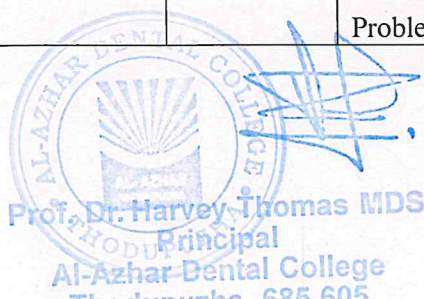
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		<p>Access cavity and brief introduction of root canal instruments</p> <p>Preventive measures in restorative practice</p> <p>Amalgam restorations</p> <p>Complex amalgam restorations</p> <p>Alternative methods of tooth preparation-air abrasion, chemomechanical methods, laser</p> <p>Temporization of inter-rim restorations</p> <p>Non-cariou destruction of tooth structure</p> <p>Disinfection of root canal space Irrigants Intracanal medicaments</p> <p>Discoloured teeth and its management</p> <p>Success and failure of endodontics</p> <p>Endo-perio lesions</p>	<p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
DrBinila	2021-22	<p>Direct filling gold</p> <p>Dental caries –etiology, classification</p> <p>Finishing and polishing and restorations</p> <p>Chairside positions – patient and operative positions</p> <p>Armamentarium for tooth preparation</p> <p>Pulp protection</p> <p>Dentinal hypersensitivity</p> <p>Minimal invasive dentistry</p> <p>Casting</p> <p>Direct filling gold restorations</p> <p>Problems during cleaning and shaping of</p>	<p>1.Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>

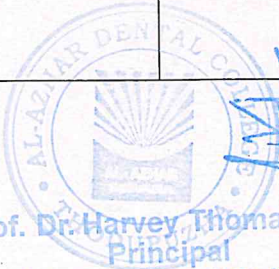


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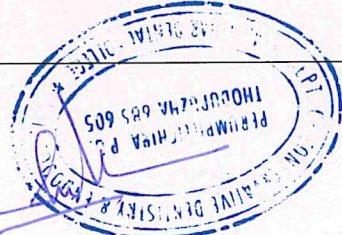




		<p>root canals</p> <p>Smear layer and its importance</p> <p>Root resorption</p> <p>Lasers and microscopes in conservative</p>	
Dr Beulah	2021-22	<p>Waste disposal</p> <p>Rotary cutting instruments</p> <p>Fundamentals in tooth preparation</p> <p>Infection control</p> <p>Adhesion to tooth structure</p> <p>Anterior restorations</p> <p>Composite restorations</p> <p>Root caries</p> <p>Ceramic restorations</p> <p>Obturation of root canal system</p> <p>Root canal sealers</p>	<p>1.Integrated inter disciplinary learning</p> <p>a) Clinical club</p> <p>b) Journal club</p> <p>c)Participatory learning</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>
DrManoj	2022-23	<p>Introduction</p> <p>Introduction to conservative dentistry</p> <p>Nomenclature of dentition</p> <p>Esthetics in dentistry</p> <p>Emergency endodontic procedures</p>	<p>1.Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c)Solving more problems</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
DrNishin	2022-23	<p>Biological considerations in use of dental materials</p> <p>Dental cements</p>	<p>1.Problem solving methodology</p> <p>a) Learning model</p> <p>b) Rural club</p>

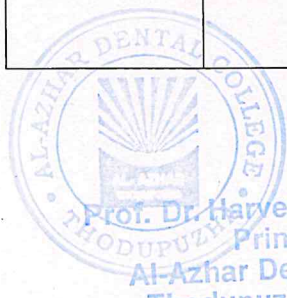

  
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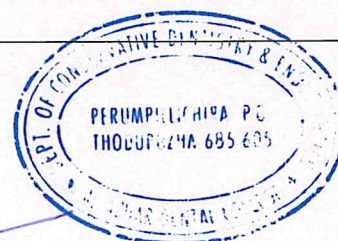


		<p>Dental waxes</p> <p>Definition, aim and scope of conservative dentistry and endodontics</p> <p>Tooth preparation for amalgam restorations. Stepwise procedure for class 1 2 3 4 5 amalgam restorations.failure of amalgam restorations</p> <p>Gnathological concepts of restorations-occlusion</p> <p>Dental caries</p> <p>Isolation of operating field</p> <p>Management of deep carious lesions</p> <p>Composite restorations-recent advances, direct and indirect</p> <p>Anatomy of pulp space</p> <p>Access cavity preparation</p> <p>Endodontic surgeries</p>	<p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>
Dr Aby	2022-23	<p>Restorative resins</p> <p>Mechanics of cutting</p> <p>Nomenclature of dentition, tooth numbering systems</p> <p>Restoration, definition and objectives</p> <p>Matrices, retainers and wedges</p> <p>Treatment planning for restorative procedures</p> <p>Pain control in restorative procedures</p> <p>Contacts and contour</p> <p>Gingival tissue management</p> <p>Cast restorations</p>	<p>1.Learning in the humanities</p> <p>a)Orientation classes</p> <p>b) training in community camps</p> <p>c)Outreach</p> <p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>



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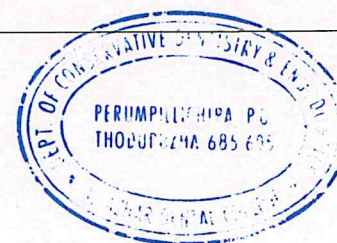




		Preparation of root canal space – determination of working length Cleaning and shaping  Traumatized teeth  Re-treatment in endodontics	
DrMoushmi	2022-23	Dental amalgam  Management of deep carious lesions  Access cavity and brief introduction of root canal instruments  Preventive measures in restorative practice  Amalgam restorations  Complex amalgam restorations  Alternative methods of tooth preparation-air abrasion, chemomechanical methods, laser  Temporization of inter-rim restorations  Non-carious destruction of tooth structure  Disinfection of root canal space Irrigants Intracanal medicaments  Discoloured teeth and its management  Success and failure of endodontics  Endo-perio lesions	1.Problem solving methodology a) Learning model b) Rural club  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
DrBinila	2022-23	Direct filling gold  Dental caries –etiology, classification  Finishing and polishing and restorations  Armamentarium for tooth preparation	1.Self-directed learning a) Enhanced reading b) Additional tracing c)Solving more problems

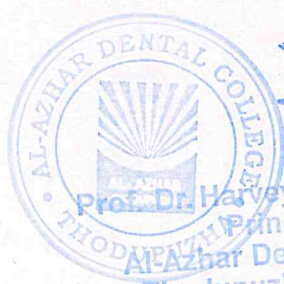


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		<p>Pulp protection</p> <p>Dentinal hypersensitivity</p> <p>Minimal invasive dentistry</p> <p>Casting</p> <p>Direct filling gold restorations</p> <p>Problems during cleaning and shaping of root canals</p> <p>Smear layer and its importance</p> <p>Root resorption</p> <p>Lasers and microscopes in conservative</p>	<p>2.Patient centric and evidence based learning</p> <p>a) Clinical discussion</p> <p>b)Journal discussion</p>
Dr Beulah	2022-23	<p>Waste disposal</p> <p>Fundamentals in tooth preparation</p> <p>Contact and contour of teeth - different methods of teeth separation</p> <p>Infection control</p> <p>Adhesion to tooth structure</p> <p>Anterior restorations</p> <p>Composite restorations</p> <p>Root caries</p> <p>Ceramic restorations</p> <p>Obturation of root canal system</p> <p>Root canal sealers</p> <p>Post endodontic restorations</p>	<p>1.Learning in the humanities</p> <p>a)Orientation classes</p> <p>b) training in community camps</p> <p>c)Outreach</p> <p>2.Participatory learning</p> <p>a)Quiz</p> <p>b)Poster</p> <p>c)Paper presentation</p> <p>d)Seminar presentation</p> <p>e)Case presentation</p>



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Dr Shreya	2022-23	<p>Metals and alloys</p> <p>Hand instruments</p> <p>Rotary cutting instruments</p> <p>Chairside positions-patient and operator position</p>	<p>1.Experimental learning a) Case based learning b) Clinical experiences</p> <p>2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion</p>
DrNishin	2022-23	<p>Introduction</p> <p>Biological considerations in use of dental materials</p> <p>Dental cements</p> <p>Dental waxes</p> <p>Introduction to conservative dentistry</p> <p>Definition, aim and scope of conservative dentistry and endodontics</p> <p>Nomenclature of dentition</p> <p>Gnathological concepts of restorations-occlusion</p> <p>Management of deep carious lesions</p> <p>Esthetics in dentistry</p> <p>Access cavity preparation</p> <p>Preparation of root canal space – determination of working length Cleaning and shaping</p>	<p>1.Integrated inter disciplinary learning a) Clinical club b) Journal club c)Participatory learning</p> <p>2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation</p>



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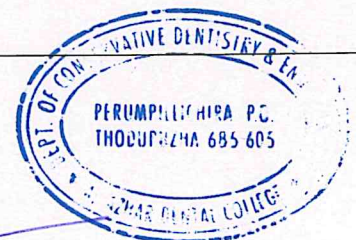


Dr Aby	2022-23	Restorative resins  Nomenclature of dentition, tooth numbering systems  Restoration, definition and objectives  Matrices, retainers and wedges  Dental caries  Treatment planning for restorative procedures  Contacts and contour  Composite restorations-recent advances, direct and indirect  Anatomy of pulp space  Disinfection of root canal space Irrigants Intracanal medicaments	1.Problem solving methodology a) Learning model  2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation
DrMoushmi	2022-23	Dental amalgam  Tooth preparation for amalgam restorations. Stepwise procedure for class 1 2 3 4 5 amalgam restorations.failure of amalgam restorations  Access cavity and brief introduction of root canal instruments  Preventive measures in restorative practice  Amalgam restorations  Complex amalgam restorations  Alternative methods of tooth preparation-air abrasion, chemomechanical methods, laser	1.Learning in the humanities a)Orientation classes b) training in community camps c)Outreach  2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion




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		<p>Non-carious destruction of tooth structure</p> <p>Smear layer and its importance</p> <p>Success and failure of endodontics</p>	
Dr Binila	2022-23	<p>Direct filling gold</p> <p>Tooth preparation for amalgam restorations. Stepwise procedure for class 1 2 3 4 5 amalgam restorations. failure of amalgam restorations</p> <p>Finishing and polishing and restorations</p> <p>Armamentarium for tooth preparation</p> <p>Pulp protection</p> <p>Dentinal hypersensitivity</p> <p>Minimal invasive dentistry</p> <p>Direct filling gold restorations</p> <p>Discoloured teeth and its management</p> <p>Lasers and microscopes in conservative</p> <p>Endo-perio lesions</p>	<p>1. Experimental learning</p> <p>a) Case based learning</p> <p>b) Clinical experiences</p> <p>2. Participatory learning</p> <p>a) Quiz</p> <p>b) Poster</p> <p>c) Paper presentation</p> <p>d) Seminar presentation</p> <p>e) Case presentation</p>
Dr Albert	2022-23	<p>Waste disposal</p> <p>Dental ceramics</p> <p>Tooth preparation for amalgam restorations. Stepwise procedure for class 1 2 3 4 5 amalgam restorations. failure of amalgam restorations</p> <p>Contact and contour of teeth - different methods of teeth separation</p> <p>Infection control</p> <p>Adhesion to tooth structure</p> <p>Composite restorations</p> <p>Ceramic restorations</p>	<p>1. Self-directed learning</p> <p>a) Enhanced reading</p> <p>b) Additional tracing</p> <p>c) Solving more problems</p>


  
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 Principal  
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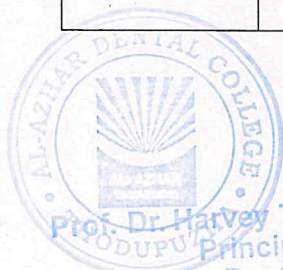
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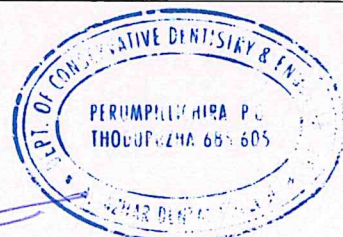


		<p>Obturation of root canal system</p> <p>Re-treatment in endodontics</p>	
DrSreekala	2022-23	<p>Mechanics of cutting</p> <p>Dental caries –etiology, classification</p> <p>Fundamentals in tooth preparation Management of deep carious lesions</p> <p>Gingival tissue management</p> <p>Anterior restorations</p> <p>Temporization of inter-rim restorations</p> <p>Root caries</p> <p>Root canal sealers</p> <p>Post endodontic restorations</p>	<p>1.Experimental learning a) Case based learning b) Clinical experiences</p> <p>2.Participatory learning a)Quiz b)Poster c)Paper presentation d)Seminar presentation e)Case presentation</p>
Dr Shreya	2022-23	<p>Metals and alloys</p> <p>Dental casting alloys</p> <p>Hand instruments</p> <p>Rotary cutting instruments</p> <p>Tooth preparation for amalgam restorations . 'Stepwise procedure for class 1 2'3 4 5 amalgam restorations.failure of amalgam restorations</p> <p>Chairside positions-patient and operator position</p> <p>Isolation of operating field</p> <p>Pain control in restorative procedures</p>	<p>1.Integrated inter disciplinary learning a) Clinical club b) Journal club c)Participatory learning</p> <p>2.Patient centric and evidence based learning a) Clinical discussion b)Journal discussion</p>



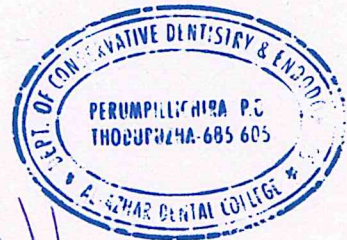
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		<p>Cast restorations</p> <p>Casting</p> <p>Emergency endodontic procedures</p> <p>Problems during cleaning and shaping of root canals</p> <p>Traumatized teeth</p> <p>Root resorption</p>	
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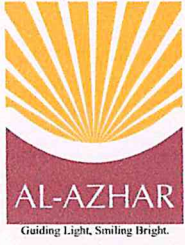


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Prof. Dr. Harvey Thomas MDS  
 Principal  
 Al-Azhar Dental College  
 Thodupuzha -685 605







Off : 04862 224366  
Fax: 04862 229586

# AL-AZHAR DENTAL COLLEGE

(APPROVED BY DENTAL COUNCIL OF INDIA & AFFILIATED TO KUHS)

RUN BY NOORUL ISLAM TRUST

PERUMPILICHIRA P. O., THODUPUZHA, IDUKKI DIST., KERALA- 685 605

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**DEPARTMENT OF ORAL PATHOLOGY**



## STUDENT CENTRIC METHODS

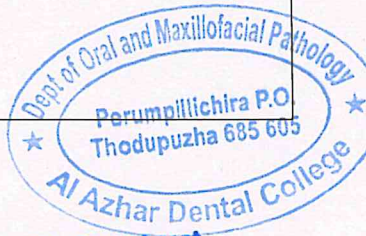
### ORAL PATHOLOGY AND ORAL MICROBIOLOGY

NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr. Girija k p	2018-19	Introduction to dental anatomy Maxillary first molar Oral mucous membrane TMJ Occlusion Deglutition	Integrated learning Participatory learning Self-directed learning
Dr. E lakshmipriya	2018-19	Enamel Salivary gland Development of tooth Development of face and oral cavity Development of face and oral cavity Maxillary lateral incisor Mandibular lateral incisor Pulp	Integrated learning Participatory learning Self-directed learning
Dr. Muhammedaf nan	2018-19	Maxillary central incisor Mandibular central incisor Mandibular first molar Bone Tooth eruption Tooth shedding	Integrated learning Participatory learning Self-directed learning
Dr. Joe manual	2018-19	Maxillary canine Mandibular canine Pdl Dentin Cementum Maxillary sinus Calcium phosphorus metabolism	Integrated learning Participatory learning Self-directed learning

  
**Prof. Dr. Harvey Thomas MDS**  
 Principal  
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 Thodupuzha - 685 605





  
**Head of the Department**  
 Department of Oral and Maxillofacial Pathology  
 Al Azhar Dental College Perumpillichira P.O,  
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Dr. E lakshmi priya	2018-19	Microbial infections of oral tissues. Developmental disturbances of oral & paraoral region : developmental disturbance of jaws, developmental disturbance of lips & palate, developmental disturbance of oral mucosa Systemic diseases involving oral cavity	Integrated learning Participatory learning Self-directed learning
Dr. Muhammedafnan	2018-19	Odontogenic tumors of oral cavity : classification, ameloblastoma Developmental disturbances : disturbance of gingiva, tongue, salivary gland Allergies & immunology : angioedema, drug allergies Diseases of pulp & periapical tissues: diseases of pulp, periapical tissues Traumatic, reactive & regressive lesions of oral cavity Dental caries: histopathology, microbiology, immunology, caries activity tests, factors influencing caries Periodontal diseases Principles of basic odontology	Integrated learning Participatory learning Self-directed learning
Dr. Girija k p	2018-19	Developmental disturbances of oral & paraoral structures : developmental disturbance in size of teeth, shape of teeth, number of teeth. Benign & malignant tumors of oral cavity : papilloma, keratoacanthoma Non- neoplastic salivary gland diseases	Integrated learning Participatory learning Self-directed learning
Dr. Joe manual	2018-19	Inflammatory diseases involving the jaws Cherubism , Osteogenesis Imperfecta, Paget's disease Benign & malignant tumors of oral cavity : bcc, scc, epidermoid carcinoma, verrucous carcinoma, malignant melanoma, Connective tissue tumors Diseases of TMJ Disease of nerves : trigeminal neuralgia, sphenopalatine & glossopharyngeal neuralgia	Integrated learning Participatory learning Self-directed learning



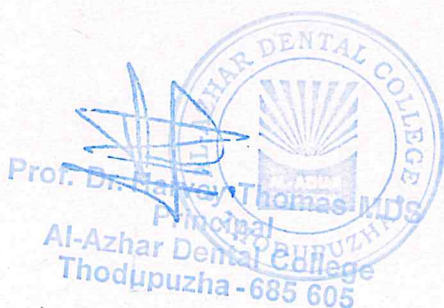
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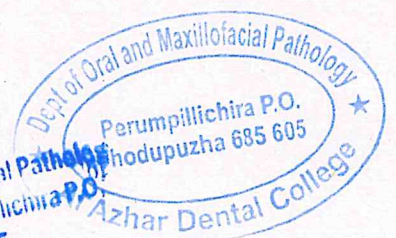

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Dr. Anjum Baker	FIRST YEAR-2019-20	Introduction to dental anatomy Maxillary first molar Oral mucous membrane Tmj Occlusion Deglutition	Integrated learning Participatory learning Self-directed learning
Dr. E lakshmipriya	FIRST YEAR-2019-20	Enamel Salivary gland Development of tooth Development of face and oral cavity Development of face and oral cavity Maxillary lateral incisor Mandibular lateral incisor Pulp	Integrated learning Participatory learning Self-directed learning
Dr. Muhammed afnan	FIRST YEAR-2019-20	Maxillary central incisor Mandibular central incisor Mandibular first molar Bone Tooth eruption Tooth shedding	Integrated learning Participatory learning Self-directed learning
Dr. Joe manual	FIRST YEAR-2019-20	Maxillary canine Mandibular canine Pdl Dentin Cementum Maxillary sinus Calcium phosphorus metabolism	Integrated learning Participatory learning Self-directed learning
Dr. E lakshmipriya	Third year-2019-20	Microbial infections of oral tissues. Developmental disturbances of oral & paraoral region : developmental disturbance of jaws, developmental disturbance of lips & palate, developmental disturbance of oral mucosa Systemic diseases involving oral cavity	Integrated learning Participatory learning Self-directed learning



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Dr. Muhammed afnan	Third year 2019-20	Odontogenic tumors of oral cavity : classification, ameloblastoma Developmental disturbances : disturbance of gingiva, tongue, salivary gland Allergies & immunology: angioedema, drug allergies Diseases of pulp & periapical tissues: diseases of pulp, periapical tissues Traumatic, reactive & regressive lesions of oral cavity Dental caries: histopathology, microbiology, immunology, caries activity tests, factors influencing caries Periodontal diseases Principles of basic odontology	Integrated learning Participatory learning Self-directed learning
Dr. Anjum Baker	Third year- 2019-20	Developmental disturbances of oral & paraoral structures : developmental disturbance in size of teeth, shape of teeth, number of teeth. Benign & malignant tumors of oral cavity : papilloma, keratoacanthoma Non- neoplastic salivary gland diseases	Integrated learning Participatory learning Self-directed learning
Dr. Joe manual	Third year- 2019-20	Inflammatory diseases involving the jaws cherubism , osteogenesis imperfecta, paget's disease Benign & malignant tumors of oral cavity : bcc, scc, epidermoid carcinoma, verrucous carcinoma, malignant melanoma, Connective tissue tumors Diseases of TMJ Disease of nerves : trigeminal neuralgia, Sphenopalatine and glossopharyngeal neuralgia	Integrated learning Participatory learning Self-directed learning


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Principal  
Al-Azhar Dental College  
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Head of the Department  
Department of Oral and Maxillofacial Pathology  
Al Azhar Dental College Perumpillichira P.O.  
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NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr. Anjum Baker	FIRST YEAR-2020-2021	Introduction to dental anatomy Maxillary first molar Oral mucous membrane Tmj Occlusion Deglutition	Integrated learning Participatory learning Self-directed learning
Dr. E lakshmi priya	FIRST YEAR-2020-2021	Enamel Salivary gland Development of tooth Development of face and oral cavity Development of face and oral cavity Maxillary lateral incisor Mandibular lateral incisor Pulp	Integrated learning Participatory learning Self-directed learning
Dr. Muhammedafnan	FIRST YEAR-2020-2021	Maxillary central incisor Mandibular central incisor Mandibular first molar Bone Tooth eruption Tooth shedding	Integrated learning Participatory learning Self-directed learning
Dr. Joe manual	FIRST YEAR-2020-2021	Maxillary canine Mandibular canine Pdl Dentin Cementum Maxillary sinus Calcium phosphorus metabolism	Integrated learning Participatory learning Self-directed learning
DR. E LAKSHMIPRIYA	Third year-2020-2021	Microbial infections of oral tissues. Developmental disturbances of oral & paraoral region : developmental disturbance of jaws, developmental disturbance of lips	Integrated learning Participatory learning Self-directed learning

  
 Prof. Dr. H. M. Thoma  
 Al-Azhar Dental College  
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 Head of the Department  
 Department of Oral and Maxillofacial Pathology  
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		<p>&amp;palate, developmental disturbance of oral mucosa</p> <p>Systemic diseases involving oral cavity</p>	
Dr.Muhammed Afnan	Third year— 2020-2021	<p>Odontogenic tumors of oral cavity : classification, ameloblastoma</p> <p>Developmental disturbances : disturbance of gingiva, tongue,salivary gland</p> <p>Allergies &amp; immunology : angioedema, drug allergies</p> <p>Diseases of pulp &amp; periapical tissues: diseases of pulp, periapical tissues</p> <p>Traumatic, reactive &amp; regressive lesions of oral cavity</p> <p>Dental caries: histopathology, microbiology,immunology, caries activity tests, factors influencing caries</p> <p>Periodontal diseases</p> <p>Principles of basic odontology</p>	<p>Integrated learning</p> <p>Participatory learning</p> <p>Self-directed learning</p>
Dr. Anjum Baker	Third year- 2020-2021	<p>Developmental disturbances of oral &amp; paraoral structures : developmental disturbance in size of teeth, shape of teeth, number of teeth.</p> <p>Benign &amp; malignant tumors of oral cavity : papilloma, keratoacanthoma</p> <p>Non- neoplastic salivary gland diseases</p>	<p>Integrated learning</p> <p>Participatory learning</p> <p>Self-directed learning</p>
Dr. Joe manual	Third year- 2020-2021	<p>Inflammatory diseases involving the jaws Cherubism , Osteogenesis Imperfecta, Paget's disease, Benign &amp; malignant tumors of oral cavity : bcc, scc, epidermoid carcinoma, verrucous carcinoma,malignant melanoma, Connective tissue tumors</p>	<p>Integrated learning</p> <p>Participatory learning</p> <p>Self-directed learning</p>

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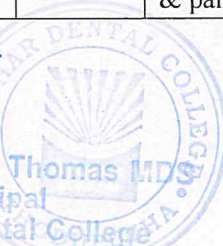
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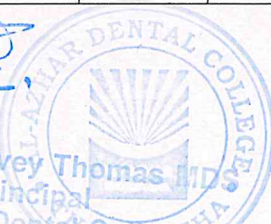
NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr. Elizabeth Sojan	FIRST YEAR-2022-23	Introduction to dental anatomy Maxillary first molar Oral mucous membrane Tmj Occlusion Deglutition	Integrated learning Participatory learning Self-directed learning
Dr. E.Lakshmi priya	FIRST YEAR-2022-23	Enamel Salivary gland Development of tooth Development of face and oral cavity Development of face and oral cavity Maxillary lateral incisor Mandibular lateral incisor Pulp	Integrated learning Participatory learning Self-directed learning
Dr. Muhammedafnan	FIRST YEAR-2022-23	Maxillary central incisor Mandibular central incisor Mandibular first molar Bone Tooth eruption Tooth shedding	Integrated learning Participatory learning Self-directed learning
Dr. Joe Manual	FIRST YEAR-2022-23	Maxillary canine Mandibular canine Pdl Dentin Cementum Maxillary sinus Calcium phosphorus metabolism	Integrated learning Participatory learning Self-directed learning
Dr. Diana	Third year-2022-23	Microbial infections of oral tissues. Developmental disturbances of oral & paraoral region : developmental disturbance of jaws, developmental disturbance of lips & palate, developmental disturbance of oral	Integrated learning Participatory learning Self-directed learning

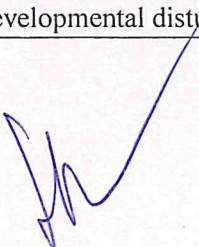
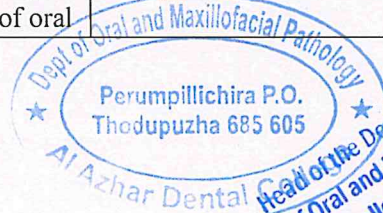
  
  
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NAME OF STAFF	YEAR	TOPIC	STUDENT CENTRIC METHOD USED
Dr. Elizabeth Sojan	FIRST YEAR-2021-22	Introduction to dental anatomy Maxillary first molar Oral mucous membrane Tmj Occlusion Deglutition	Integrated learning Participatory learning Self-directed learning
Dr. Hima Raj	FIRST YEAR-2021-22	Enamel Salivary gland Development of tooth Development of face and oral cavity Development of face and oral cavity Maxillary lateral incisor Mandibular lateral incisor Pulp	Integrated learning Participatory learning Self-directed learning
Dr. Muhammed Afnan	FIRST YEAR-2021-22	Maxillary central incisor Mandibular central incisor Mandibular first molar Bone Tooth eruption Tooth shedding	Integrated learning Participatory learning Self-directed learning
Dr. Joe manual	FIRST YEAR-2021-22	Maxillary canine Mandibular canine Pdl Dentin Cementum Maxillary sinus Calcium phosphorus metabolism	Integrated learning Participatory learning Self-directed learning
DR. Hima Raj	Third year-2021-22	Microbial infections of oral tissues.  Developmental disturbances of oral & paraoral region : developmental disturbance of jaws, developmental disturbance of lips & palate, developmental disturbance of oral	Integrated learning Participatory learning Self-directed learning

  
  
 Prof. Dr. Harvey Thomas  
 Principal  
 Al-Azhar Dental College  
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 Perumpillichira P.O.  
 Thodupuzha 685 605  
 Head of the Department  
 Department of Oral and Maxillofacial Pathology  
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