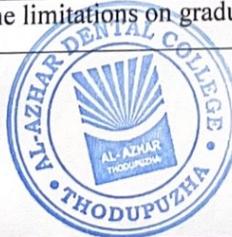




AL AZHAR DENTAL COLLEGE

PROGRAM OUTCOMES

S.No	Program Outcomes
1	Integration of basic sciences, clinical dentistry and practical and laboratory skills
2	A knowledge of normal human structure, development, function and disease process
3	Sufficient practical skill including patient management and treatment of patients of all ages with special reference to pediatric, geriatric, medically compromised and disabled patient
4	Commitment towards society as a whole along with knowledge and treatment skills gained
5	Motivated for interdisciplinary research activities and emphasis on evidence-based dentistry
6	Learns significance of infection and cross infection control in dental practice
7	To learn the importance of various dental tissues in forensic sciences
8	Administer all forms of Local anaesthesia, knowledge of various maxillofacial problems like injuries, infections and deformities of the jaw
9	Restoration of various kinds and endodontic procedures, removable and fixed prosthodontics
10	Appreciate the role of dentofacial growth and development of malocclusion
11	Train in various investigation procedures like radiological techniques, biopsy, smear etc and its interpretations
12	Legal systems involved in practice of dentistry and patient rights
13	Should be aware of the limitations on graduate



Chiny Joseph
Prof. Dr. Chiny Joseph
Principal



ORAL MEDICINE & RADIOLOGY – PROGRAM SPECIFIC OUTCOME

1. Be able to give a proper diagnosis and to give a comprehensive treatment plan, according to the patient's medical status
2. Identify oral pre-cancerous lesions, malignancies and oral manifestations of systemic diseases
3. Be able to do a basic interpretation of any advanced dental radiologic images.
4. Be able to identify when and how to give a referral letter.

ORAL MEDICINE & RADIOLOGY – COURSE OUTCOME

1. Identify the common dental problems like dental caries and periodontal disease and their sequelae
2. Differentiate the normal variations and oral mucosal lesions.
3. Identify pre-cancerous and cancerous lesions of the oral cavity and refer to the concerned specialty for their management.
4. Have an adequate knowledge about common laboratory investigations and interpretation of their results.
5. Have adequate knowledge about medical complications that can arise while treating systemically compromised patients and take prior precautions/ consent from the concerned medical specialist.
6. Formulate a clinical diagnosis, order investigations, seek expert consultations to come to a final diagnosis and chart out a proper treatment plan for patients with oral lesions.
7. Have adequate knowledge about radiation health hazards, radiation safety and protection.
8. Be competent to take intra-oral radiographs and interpret the radiographic findings
9. Gain adequate knowledge of various extra-oral radiographic procedures, TMJ radiography and sialography.
10. Be aware of the importance of intra- and extra-oral radiographs in forensic identification and age estimation.
11. Be familiar with jurisprudence, ethics and understand the significance of dental records with respect to law




Prof. Dr. Shiny Joseph
Principal
Al-Azhar Dental College
Thodupuzha - 685 605



PO CO MAPPING OF OMR DEPARTMENT

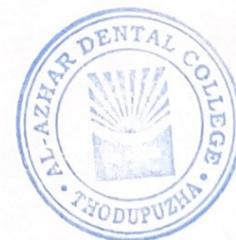
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO1 1	PO 12	PO 13
CO1	3	3	1	-	2	-	-	-	-	-	-	-	-
CO2	3	3	1	-	2	-	-	-	-	-	1	-	-
CO3	3	1	1	1	3	-	-	-	-	-	1	-	2
CO4	2	1	1	-	1	-	-	-	-	-	3	-	-
CO5	1	1	3	-	-	1	-	-	-	-	-	-	-
CO6	3	2	3	1	3	1	-	-	-	-	3	-	-
CO7	1	1	1	1	1	1	-	-	-	-	2	-	-
CO8	1	1	1	1	1	1	-	-	-	-	3	-	-
CO9	1	1	1	1	1	1	-	-	-	-	3	-	-
CO10	1	1	1	1	1	1	3	-	-	-	-	-	-
CO11	1	1	1	1	1	1	-	-	-	-	-	3	-
Average	1.8	1.45	1.36	0.63	1.45	0.63	0.27	-	-	-	1.45	0.27	0.18

Inference

- 1- Low
- 2- Medium
- 3- High

PSO CO MAPPING OF OMR DEPARTMENT

	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	1	-	-
CO2	2	1	-	-
CO3	2	3	-	-
CO4	2	1	-	-
CO5	2	-	-	3
CO6	3	-	-	3
CO7	1	-	-	-
CO8	2	-	3	-
CO9	1	-	3	-
CO10	1	-	2	-
CO11	1	-	-	-
Average	1.7	0.54	0.72	0.54



Shiny

Prof. Dr. Shiny Joseph
Principal

Al-Azhar Dental College
Under the aegis of Noorul Islam T
Thodupuzha - 685 605
(Recognised by Dental Council of India & Affiliated to KU)



DEPARTMENT OF PUBLIC HEALTH DENTISTRY



PUBLIC HEALTH DENTISTRY- COURSE OUTCOME

On completion of the undergraduate training programme the graduate should:

1. Apply the principles of health promotion and disease prevention.
2. Have knowledge of the organization and provision of health care in community and in the hospital service
3. Have knowledge of the prevalence of common dental conditions in India
4. Have knowledge of community based preventive measures
5. Have knowledge of the social, cultural and environmental factors, which contribute to health or illness.
6. Be able to administer hygiene instructions, topical fluoride therapy and fissure sealing.
7. Be able to educate patients concerning the etiology and prevention of oral disease and encourage them to assure responsibility for their oral health



HEAD OF THE DEPT.
DEPT. OF PUBLIC HEALTH
DENTISTRY
AL-AZHAR DENTAL COLLEGE
THODUPUZZHA - 685 505



DEPARTMENT OF PUBLIC HEALTH DENTISTRY



PO CO MAPPING OF PHD DEPARTMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	L	H	M	H	H	M	L	L	L	L	L	L	L
CO2	H	L	H	H	H	H	L	M	H	H	H	H	L
CO3	H	M	H	H	H	H	L	L	L	H	L	L	L
CO4	H	M	M	H	H	M	L	L	L	L	M	L	L
CO5	M	M	M	H	H	H	L	L	L	L	L	L	L
CO6	H	M	M	H	H	M	L	L	L	L	M	L	L
CO7	H	H	H	H	H	H	L	L	H	H	H	L	L

PO-PROGRAM OUTCOME

CO-COURSE OUTCOME

H-HIGH

M-MEDIUM

L-LOW

HEAD OF THE DEPT.
DEPT. OF PUBLIC HEALTH
DENTISTRY
AL-AZHAR DENTAL COLLEGE
THODUPUZHA - 686 605





DEPARTMENT OF PAEDIATRIC & PREVENTIVE DENTISTRY



DEPARTMENT OF PAEDIATRIC AND PREVENTIVE DENTISTRY

COURSE OUTCOME

On completion of the undergraduate training programme the graduate should:

CO1 - Be able to instil a positive attitude and behaviour in children towards oral health and understand the principles of prevention and preventive dentistry right from birth to adolescence.

CO2 - Be able to guide and counsel the parents/guardian in regards to various treatment modalities including different facets of preventive dentistry.

CO3 - Be able to treat dental diseases occurring in child patient.

CO4 - Be able to manage the physically and mentally challenged / disabled children effectively and efficiently, tailored to the needs of individual requirements and conditions.



Shiny

Prof. Dr. Shiny Joseph
Principal
Al-Azhar Dental College
Thodupuzha - 685 605





DEPARTMENT OF PAEDIATRIC & PREVENTIVE DENTISTRY



DEPARTMENT OF PAEDIATRIC AND PREVENTIVE DENTISTRY

CO-PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	M	L	H	M	H	H	H	H	H	H	H	H	M
CO2	L	L	H	H	M	H	H	H	H	H	H	H	M
CO3	M	L	H	M	H	H	H	H	H	H	H	H	M
CO4	M	H	H	H	H	H	H	H	H	H	H	H	M
	RELEVANCE :- L= LOW, M= MEDIUM, H= HIGH												

Prof. Dr. Shiny Joseph
Principal
Al-Azhar Dental College
Thodupuzha - 685 605





COURSE OUTCOMES

ORAL & MAXILLOFACIAL SURGERY

On completion of the undergraduate training program the graduate should:

1. Be able to apply the knowledge gained in the basic medical and clinical subjects in the management of patients with surgical problems.
2. Be able to diagnose, manage and treat patients with basic oral surgical problem
Have a broad knowledge of maxillofacial surgery and oral Implantology.
3. Be familiar with legal, ethical and moral issues pertaining to patient care and communication skills.
4. Have acquired the skill to examine any patient with an oral surgical problem in an orderly manner.
5. Understand and practice the basic principles of asepsis and sterilization.
6. Be competent in the extraction of the teeth under local anesthesia.
7. Be Competent to carry out certain minor oral surgical procedures under LocalAnesthesia like trans-alveolar extraction, frenectomy, Dentoalveolar procedures,simple impaction, biopsy, etc.
8. Be Competent to assess, prevent and manage common complications that arise during and after minor oral surgery.
9. Able to provide primary care and manage medical emergencies in the dental office.
- 10.Be familiar with the management of major oral surgical problems and principles involved in the in-patient management.
- 11.Be able to Certify Death.



Prof. Dr. Shiny Jos
Principal
Al-Azhar Dental
Thodupuzha - 6





AL-AZHAR DENTAL COLLEGE
DEPARTMENT OF ORAL AND MAXILLOFACIAL
SURGERY



PO CO MAPPING OF OMFS DEPARTMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	H	H	H	H	H	H	L	H	L	L	H	L	L
CO2	H	H	L	L	H	H	L	H	L	L	L	L	L
CO3	H	L	L	L	H	H	L	H	L	L	H	L	L
CO4	L	L	L	L	L	H	L	H	L	L	H	L	L
CO5	L	L	H	L	L	L	L	L	L	L	L	L	L
CO6	H	H	H	M	H	H	M	M	M	M	H	L	L
CO7	L	L	L	L	L	M	L	M	L	L	L	L	L
CO8	L	L	L	L	L	M	L	L	M	L	H	L	L
CO9	M	M	M	M	M	M	M	M	H	M	H	M	L
CO10	L	L	M	L	L	M	L	M	L	L	L	L	L
CO11	L	L	L	L	L	L	L	L	L	L	L	L	L

L-LOW

M-MEDIUM

H-HIGH



Shiny
Prof. Dr. Shiny Joseph
Principal
Al-Azhar Dental College
Thodupuzha - 685 605



ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

COURSE OUTCOME

1. Understand about normal growth and development of facial skeleton and dentition.
2. Be able to pinpoint aberrations in growth process both dental and skeletal and plan necessary treatment.
3. Be able to diagnose the various malocclusion categories.
4. Be able to motivate and explain to the patient and parent /guardian about the necessity of treatment.
5. Be able to plan and execute preventive orthodontics (space maintainers or space regainers).
6. Be able to plan and execute interceptive orthodontics (habit breaking appliances).
7. Be able to manage treatment of simple malocclusion such as anterior spacing using removable appliances.
8. Be able to handle delivery and activation of removable orthodontic/myofacial appliances.
9. Be able to diagnose and appropriately refer patients with complex malocclusion to the specialist.

PO CO MAPPING OF ORTHODONTICS DEPARTMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	3	-	1	1	1	2	2	-	3	1	1	1
CO2	3	3	2	1	1	1	2	2	1	3	1	-	1
CO3	3	2	3	3	2	2	3	1	3	2	3	1	3
CO4	1	1	2	3	-	-	1	1	2	1	2	3	1
CO5	1	1	3	2	1	1	1	-	3	2	3	1	1
CO6	-	3	2	2	1	1	-	2	2	2	2	1	-
CO7	3	2	3	3	2	3	1	1	3	2	2	3	3
CO8	3	2	3	3	3	3	1	-	3	3	1	2	3
CO9	3	3	3	3	3	2	1	3	3	2	3	2	3
AVERAGE	2.2	2.2	2.1	2.3	1.5	1.5	1.3	1.3	2.5	2.2	2	1.5	1.7

Inference

- 1- Low
- 2- Medium
- 3- High

Cherif
 Prof. Dr. Shiny Joseph
 Principal
 Al-Azhar Dental College
 Thodupuzha - 685 605



PROSTHODONTICS AND CROWN & BRIDGE

Course Outcomes

On completion of the undergraduate training program, the graduate should:

CO1	Be able to understand and use various dental materials.
CO2	Be competent to carry out treatment of conventional Simple complete and partial removable dentures and anterior crowns
CO3	Be able to carry out Prosthodontic laboratory procedures.
CO4	Be familiar with the concepts of osseointegration and the value of implant-supported Prosthodontic procedures.
CO5	Be able to diagnose and appropriately refer patients requiring complex treatment procedures to the specialist

PO CO MAPPING OF PROSTHODONTICS DEPARTMENT

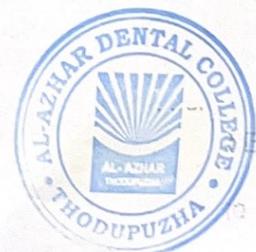
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	-	2	-	2	2	-	1	2	1	-	-	-
CO2	3	2	3	2	2	1	1	2	3	2	1	1	-
CO3	3	1	2	2	2	2	-	-	3	2	1	-	-
CO4	1	1	2	1	2	-	-	-	2	3	3	2	3
CO5	1	1	3	1	-	-	-	-	1	1	2	2	3
AVERAGE	2.2	1	2.4	1.2	1.6	1	0.2	0.6	2.2	1.8	1.4	1	1.2

Inference

- 1- Low
- 2- Medium
- 3- High

Shiny

Prof. Dr. Shiny Joseph
Principal
Al-Azhar Dental College
Thodupuzha - 685 605



PERIODONTICS – COURSE OUTCOME

- 1.CO1: Be able to diagnose the patients periodontal problem, plan and perform an appropriate treatment.
- 2.CO2: Be competent to educate and motivate the patient.
- 3.CO3: Be competent to perform thorough oral prophylaxis, sub-gingival scaling, root planning and minor periodontal surgical procedures.
- 4.CO4: Be able to deliver proper post treatment instructions and do periodic recall and evaluation.
- 5.CO5: Be familiar with concepts of osseointegration and basic surgical aspects of Implantology.

PO CO MAPPING OF PERIODONTICS DEPARTMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	1	2	3	2	2	1	1	3	1	1	–	1	1
CO2	2	3	3	3	2	3	1	3	2	2	1	1	2
CO3	3	2	2	3	1	3	1	2	–	1	2	1	1
CO4	2	2	1	3	3	2	–	2	–	–	–	–	–
CO5	3	3	3	–	2	2	–	1	3	–	–	–	–
Avg.	2.2	2.4	2.4	2.2	2	2.2	0.6	2.2	1.2	0.8	0.6	0.6	0.8

Inference

- 1- Low
- 2- Medium
- 3- High

Shiny

Prof. Dr. Shiny Joseph
Principal
Al-Azhar Dental College
Thodupuzha - 685 605



CONSERVATIVE DENTISTRY AND ENDODONTICS

COURSE OUTCOME

- CO1. Be Competent to diagnose all carious lesions.
- CO2. Be Competent to perform Class I and Class II cavities and their restoration with amalgam.
- CO3. Be able to restore class V and Class III cavities with glass ionomer cement.
- CO4. Be able to diagnose and appropriately treat pulpally involved teeth (pulp capping procedures).
- CO5. Be able to perform RCT for anterior teeth
- CO6. Be competent to carry out small composite restorations
- CO7. Understand the principles of aesthetic dental procedures

PO CO MAPPING OF CONSERVATIVE DENTISTRY AND ENDODONTICS

DEPARTMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	3	3	3	2	1	1	2	3	1	2	-	3
CO2	3	2	3	3	-	3	3	-	2	-	2	2	3
CO3	3	3	3	3	-	2	-	-	3	-	1	-	3
CO4	3	3	3	3	2	3	1	3	3	-	2	3	3
CO5	3	3	3	3	-	2	2	3	3	-	3	3	3
CO6	3	3	3	3	3	2	2	-	3	-	2	1	2
CO7	3	3	3	3	2	3	2	-	3	-	-	2	2
Average	3	2.8	3	3	1.2	2.2	1.5	1	2.8	0.1	1.7	1.5	2.7

Inference

- 1- Low
- 2- Medium
- 3- High

Shiny
 Prof. Dr. Shiny Joseph
 Principal
 Al-Azhar Dental College
 Thodupuzha - 685 605



ORAL PATHOLOGY – COURSE OUTCOME

1. Comprehend the different types of pathological processes that involve the Orofacial tissues.
2. Comprehend the manifestations of common diseases, their diagnosis & correlation with clinical pathological processes.
3. Understand the oral manifestations of systemic diseases and correlate with the systemic physical signs & laboratory findings.
4. Understand the underlying biological principles governing treatment of oral diseases.
5. Understand the principles of certain basic aspects of Forensic Odontology.

PO CO MAPPING OF ORAL PATHOLOGY DEPARTMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	2	3	3	2	2	1	2	-	-	1	3	3	1
CO2	3	2	2	2	2	3	-	-	-	1	3	2	2
CO3	3	2	2	3	3	2	-	-	-	3	1	2	1
CO4	2	2	1	1	2	3	1	-	2	1	-	1	2
CO5	3	2	1	3	2	1	3	1	1	2	1	3	1
AVG	2.6	2.2	1.8	2.2	2.2	2	1.2	0.2	0.5	0.5	1.6	2.2	1.2

Inference

- 1- Low
- 2- Medium
- 3- High

Shiny

Prof. Dr. Shiny Joseph
Principal
Al-Azhar Dental College
Thodupuzha - 685 605

