



**KALINGA INSTITUTE OF DENTAL SCIENCES**

*Serving through Exemplary Oral Health Care, Education & Research*



**MASTER OF DENTAL SURGERY (MDS)  
PUBLIC HEALTH DENTISTRY**

## **PROGRAM OUTCOMES:**

PO1: Elicit detailed Dental and relevant Medical history, perform an oral and general physical examination, and choose relevant laboratory diagnostic tests for identification of oral disorders, prevention of oral disease and promotion of oral health.

PO2: Demonstrate the ability to conduct oral health surveys, record history, and carry out clinical examination including all diagnostic procedure to arrive at diagnosis at the individual level and conduct survey of the community at state and national level of all conditions related to oral health to arrive at community diagnosis

PO3: Identify social, economic, environmental and emotional determinants in a given individual patient or a community for the purpose of planning and execution of Community Oral Health Program as well as develop the planning, implementation, evaluation and administrative skills to carry out successful community Oral Health Programs.

PO4: Demonstrate knowledge of global and national needs, policies and regulatory frameworks relevant to oral health.

PO5: Function effectively as an oral health care team member in health care settings.

PO6: Communicate effectively and sensitively with patients, care-givers, colleagues and the public in a manner that will improve health care outcomes and patient / client satisfaction.

PO7: Teach in both didactic and clinical areas of undergraduate. Conduct, present and publish research projects based on national and global needs.

PO8: Recognize and manage medico-legal, ethical and professional issues in dental practice.

## PAPER – 1

### Part - 1

#### COURSE OUTCOMES:

1. Apply basic sciences knowledge regarding aetiology, diagnosis and management of the prevention, promotion, and treatment of all the oral conditions at the individual and community level.
2. Ability to Take history, conduct clinical examination including all diagnostic procedure to arrive at diagnosis at the individual level and conduct survey of the community at state and national level of all conditions related to oral health to arrive at community diagnosis
3. To apply ethical and moral standards while carrying out epidemiological research.
4. Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed and promote teamwork approach.
5. Respect patient's rights and privileges including patients' right to information

#### Mapping of COs to POs

**Program: MDS in Public Health Dentistry**

**Course: Part I - Applied Basic Sciences**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓					✓		
CO2		✓			✓			
CO3	✓							✓
CO4				✓				
CO5						✓		✓

**PO** = Program Outcome

**CO** = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill development
Part I – Applied Basic Sciences	Y		Y

## PAPER – 1

### Part - 2

#### COURSE OUTCOMES:

1. Identify social, economic, environmental, and emotional determinants in each individual patient or a community for the purpose of planning and execution of Community Oral Health Program.
2. planning appropriate Community Oral Health Program conduct the program and evaluate at the community level.
3. Develop the planning, implementation, evaluation, and administrative skills to carry out successful community Oral Health Programs.
4. To apply ethical and moral standards while carrying out epidemiological research.

#### Mapping of COs to POs

**Program: MDS in Public Health Dentistry**

**Course: Part II, Paper I - Public Health**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓					
CO2	✓			✓	✓			✓
CO3	✓				✓			
CO4								✓
CO5								
CO6								

**PO** = Program Outcome

**CO** = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill development
Part II, Paper I – Public Health	Y	Y	Y

## PAPER – 2

### Part - 2

#### COURSE OUTCOMES:

1. Ability to conduct Oral Health Surveys in order to identify all the oral health problems affecting the community and find solutions using multi-disciplinary approach.
2. Develop appropriate person power at various levels and their effective utilization.
3. Conduct survey and use appropriate methods to impart Oral Health Education.
4. Respect patient's rights and privileges including patients right to information and right to seek a second opinion.

#### Mapping of COs to POs

**Program: MDS in Public Health Dentistry**

**Course: Part II, Paper II - Dental Public Health**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓			✓		
CO2		✓			✓			✓
CO3	✓		✓		✓		✓	
CO4			✓					✓

**PO** = Program Outcome **CO** = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill development
Part II, Paper II - Dental Public Health	Y	Y	Y

## PAPER – 2

### Part - 2

### COURSE OUTCOMES:

1. Identify social, economic, environmental, and emotional determinants in each individual patient or a community for the purpose of planning and execution of Community Oral Health Program.
2. Ability to make use of knowledge of epidemiology to identify causes and plan appropriate preventive and control measures.
3. Develop the planning, implementation, evaluation, and administrative skills to carry out successful community Oral Health Programs.

### Mapping of COs to POs

**Program: MDS in Public Health Dentistry**

**Course: Part II, Paper III- Essay**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓?			✓		
CO2		✓	?	✓	✓			✓
CO3	✓		✓					

**PO** = Program Outcome

**CO** = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill
			development
Part II, Paper III- Essay	Y		Y