

Subject Code: 1DS1010308	Subject Title: Public Health Dentistry
Pre-requisite Subject	- NONE -

INTRODUCTION

Public Health Dentistry works for the promoting oral health and preventing oral disease. The department strives to take education to the masses to improve their quality of life. We believe the key to ultimate oral health lies in educating and motivating people and bringing positive social change.

GOAL

To prevent and control oral diseases and promote oral health through organized community efforts

OBJECTIVES

1. Apply the principles of health promotion and disease prevention
2. Have knowledge of the prevalence of common dental condition in India
3. Have knowledge of community based preventive measures
4. Have knowledge of the social cultural and environmental factors which contribute to health or illness.
5. Educate patients about the etiology and prevention of oral disease and encourage them to assure responsibility for their oral health

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)						
Lecture	Tutorial	Practical	Credit	Theory(T)				Practical (P)		
				University Assessment	Continuous Assessment	Viva Voce	Total Marks	University Assessment	Continuous Assessment	Total Marks
1	--	11	--	--	--	--	--	--	--	--

SYLLABUS:

1. Introduction to dentistry: Definition of Dentistry, History of dentistry, Scope aims and objectives of Dentistry.
2. Public Health:
 - A. Health & Disease: Concepts, Philosophy, Definition and Characteristics
 - B. Public Health : Definition and Concepts, History of Public health
 - C. Environmental Health: Concepts, principles, protection, sources, environmental sanitation purification of water disposal of waste, role in mass disorder.
 - D. Public health administration: Priority, establishment, manpower, private practice management, hospital management.
3. Dental Public Health:
 - A. Definition and difference between community and clinical health
 - B. Payments of dental care: Methods of payments and dental insurance, government plans
 - C. Preventive Dentistry: definition, levels
 - D. Dental council of India and state dental councils
 - E. Indian Dental Association

- F. Indian Association of Public Health Dentistry
- G. Case History
- H. Indices OHI, OHIs, DMFT, DMFS
- 4. Research Methodology
 - A. Health information: Basic knowledge of computer and Microsoft Word and Excel
- 5. Practice management
 - A. Place and locality
 - B. Premises and layout
 - C. Selection of equipments
 - D. Maintenance of records
- 6. Exercises:
 - A. Collection of statistical data (demographic) on population in India, birth rates, morbidity and mortality, literacy, per capita income.
 - B. Incidence and prevalence of common oral diseases like dental caries, periodontal disease, oral cancer, fluorosis at national and international levels.
 - C. Preparation of oral health education material posters, models
 - D. Oral health status assessment of the community using indices
 - E. Exploring and planning setting of private dental clinics in rural, semi urban and urban locations
 - F. Visit to schools to assess the oral health status of school children
 - G. To Conduct and attend the dental screening and treatment camps
 - H. The following is minimal prescribed work (for III BDS)

SN	Work	Requirement
1	Case history	2 Case
2	DMFT – DMFS	3 case
3	deft - defs	1 case
4	OHI	1 case
5	OHI -S	2 case

I. Visits for III BDS and IV BDS

SN	Visits
1.	Water purification plant
2.	Primary health center / Community health centre

- 7. Recommended Books for III BDS
 - A. Textbook of preventive and community Dentistry - Hiremath, S. S
 - B. Essentials of preventive and community Dentistry – Soben Peter,
 - C. Park's textbook of preventive and social medicine - Park.K