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| **Name of the Department** | **Course Code** | **Gender** | **Environment and sustainability** | **Human Values** | **Professional Ethics** | **Health Determinant** | **Right to health issue** | **Emerging Demographic change** |
| Department of Oral Medicine and Radiology | 2080302 |  | Students are explained about importance of Radiation Protection, its impact on environment and the measures to be adopted for radiation protection |  |  | Oral manifestations of systemic disease |  | Tobacco related habits patterns |
| Department of Oral Medicine and Radiology | 210401 |  | Students are explained about importance of Radiation Protection, its impact on environment and the measures to be adopted for radiation protection also how a radiology centre needs to be designed with appropriate thickness of walls and lead to avoid radiation leakage. Students to be taught correct method of radiology waste mangement. |  |  | Oral manifestations of systemic disease |  |  |
| Department of Prosthodontics and Crown and Bridge | 2040302 | Certain aspects and concerns related to women's and men's lives and situation in society, to the way they interrelate, their differences in access to and use of resources all affect the way they perceive dental care. A sensitization regarding this is given to the students. | Students are taught the correct method of Biomedical Waste Management | The curriculum heavily focuses on Geriatric Care | The trainees undergo ethical sensitization by lectures or discussion on ethical issues and discussion of cases with an important ethical component | Loss of teeth often leads to nutritional deficiencies. The significance of this is taught in discussions and students are encouraged to discuss the same with their patients. |  | With increasing prevelance of periodontal disease and subsequent loss of teeth, the need for replacement especially fixed prosthodontics is escalating |
| Department of Prosthodontics and Crown and Bridge | 2040301 |  | Students are taught the correct method of Biomedical Waste Management | There is a shift to greater accountability to the society. To develop human values students are suitably sensitized. | The trainees undergo ethical sensitization by lectures or discussion on ethical issues and discussion of cases with an important ethical component |  | The importance of loss of multiple teeth and its subsequent effect of nutritional health is emphasised. |  |
| Department of Prosthodontics and Crown and Bridge | 210407 |  | Students are taught the correct method of Biomedical Waste Management | The students are encouraged to devote time to elderly patients | The trainees undergo ethical sensitization by lectures or discussion on ethical issues and discussion of cases with an important ethical component |  |  |  |
| Department of Prosthodontics and Crown and Bridge | 210204 |  | Students are taught the various biocompatibility issues of materials currently being used in dentistry and also their impact of the environment at a bigger scale. |  |  |  |  |  |
| Department of Periodontology | 210404 |  | Students are taught the correct method of Biomedical Waste Management | Periodontal disease can lead to other systemic diseases |  | Systemic disease and local Risk determinants |  | There is increased prevelance of Periodontal diseases in Females, CVD, DM and Psychological Diseases |
| Department of Periodontology | 2070101 |  | Students are taught the correct method of Biomedical Waste Management | Periodontal disease can lead to other systemic diseases |  | Systemic disease and local Risk determinants |  | There is increased prevelance of Periodontal diseases in Females, CVD, DM and Psychological Diseases |
| Department of Orthodontics and dentofacial Orthopedics | 210403 |  | Studnts are taught importance of management of Biomedical waste and its consequences on Environment |  |  | Orthodontic treatment affects esthetics, oral function and psychological development of child leading to overall improvement in general health. |  |  |
| Department of Orthodontics and dentofacial Orthopedics | 2010302 |  | Students are taught proper disposal of gloves, masks , needles and sharp instruments |  |  |  |  | Prevalence studies are conducted to evalute percentage malocclusion in various populations of India .Flourosis studies are conducted in Haryana belt to find out the severity of disease affecting orthodontic treatment |
| Department of Conservative Dentistry and Endodontics | 0 210406 | Gender Sensitization workshop "Nahi Means No" was conducted by the Department of Conservative Dentistry & Endodontics in 2019 | Mercury Free Department. Department does not use Amalgam for Restoration. Students are taught about waste segrigation and Bio medical waste |  | Esthical treatment of patients is dicussed with Post Graduate trainees and strickly enforced in the department | Dental Caries is one of the most common disease in the world |  | Dental Caries is the Preventable disease and regular check up and treatment can reduce health care burden. |
| Department of Pediatric and Preventive Dentistry | 0 210402, 0 2050301 0 2050302 | Presence of same gender parent/assistant during treatment for comfortable treatment for young children | Students are taught correct disposal for biomedical waste. Department also has chart on display for proper disposal | Behaviour Management techniques are taught for keeping in mind human values. For treatment of young females, a female companion/assistant is always present. | Students are taught about ethical sensitization by discussion of cases with an important ethical component for consideration | Sensitisation towards importance of milk teeth and importance of first permanent molar | Need for early treatment of traumatic newly erupted teeth i.e. young permanent teeth | Teledentistry during pandemic times |
| Department of Oral and Maxillofacial Surgery | 0 210405, 0 2030301 0 2030302 |  | Students are taught the correct method of Biomedical Waste Management. Proper disposal of sharp instruments, blood contaminated waste are taight in detail |  |  | Detailed teaching of Surgical procedures for various complex dental malformation related to teeth and jaws |  |  |
| Department of Oral pathology | 0 210303, 0 2090301 0 2090302 |  | Students are taught the correct method of Biomedical Waste Management |  |  | Identification of pathologies of oral cavity |  | Studying the effect of tobacco on oral health in different samples of population |  |

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| Department of Public Health Dentistry | 210408 | Under PRACTICALS/CLINICALS/FIELD PROGEAMME IN COMMUNITY DENTISTRY - IV BDS Exercises - To Understand the community aspects of dentistry | Under Syllabus - Environmental Health: - Concepts, principles, protection, sources, purification environmental sanitation of water disposal of waste sanitation, then role in mass disorder | Under PRACTICALS/CLINICALS/FIELD PROGEAMME IN COMMUNITY DENTISTRY - IV BDS Exercises - To take up leadership role in solving community oral health programme | Under Syllabus - Ethics and Jurisprudence: Professional liabilities, negligence, malpractice, consents, evidence, contracts, and methods of identification in forensic dentistry. | Under Syllabus - Health & Disease: - Concepts, Philosophy, Definition and Characteristics | Under Syllabus - Health care delivery system: Center and state, oral health policy, primary health care, national programmes, health organizations. | Under Syllabus - Nutrition in oral diseases, Epidemiology of dental diseases-dental caries, periodontal diseases, malocclusion, dental  fluorosis and oral cancer. Under PRACTICALS/CLINICALS/FIELD PROGEAMME IN COMMUNITY DENTISTRY - IV BDS Exercises -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 |
| Department of Public Health Dentistry | 02060101, 02060301, 02060302, 02060303 |  |  | Under General Guidelines - HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES. (i) adopt ethical principles in all aspects of practice; (ii) foster professional honesty and integrity; (iii) deliver patient care irrespective of social status, caste, creed, or religion of the patient; (iv) develop communication skills, to explain various options available and obtain a true informed consent from the patient; (v) provide leadership and get the best out of his team in a congenial working atmosphere; (vi) apply high moral and ethical standards while carrying out human or animal research; (vii) be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed; (viii) respect patient’s rights and privileges including patient’s right to information and right to seek a second opinion | Under General Guidelines - it is desired that all the trainees undergo ethical sensitization by lectures or discussion on ethical issues, discussion of cases with an important ethical component. |  |  |  |
| Department of Public Health Dentistry | 02060101, 02060301, 02060302, 02060303 |  | Environmental Health: • Impact of important components of the environment of health • Principles and methods of identification, evaluation and control of such health hazards • Pollution of air, water, soil, noise, food • Water purification, international standards of water • Domestic and industrial toxins, ionizing radiation 122 122 • Occupational hazards • Waster disposal- various methods and sanitation | Under Specific Guidelines - Values: 1. Adopt ethical principles in all aspects of Community Oral Health Activities. 2. To apply ethical and moral standards while carrying out epidemiological researches. 3. Develop communication skills, in particular to explain the causes and prevention of oral diseases to the patient. 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 and right to seek a second opinion. | Ethics and Jurisprudence: • Basic principles of law • Contract laws- dentist – patient relationships & Legal forms of practice • Dental malpractice • Person identification through dentistry • Legal protection for practicing dentist • Consumer protection act | Health: • Definition, concepts and philosophy of health • Health indicators • Health determinants • Community and its characteristics and relation to health | Health Care Delivery System: • International oral health care delivery systems – Review • Central and state system in general and oral health care delivery system if any • National and health policy • National health programmes • Health Planning and Evaluation • Primary health care – concepts, oral health in PHC and its implications • National and international health organizations • Dentists Act 1928, Dental council of India, Ethics, Indian Dental Association • Role of W.H.O. and Voluntary organizations in Health Care for the Community | "1. Demography & Family Planning: Demographic trends, family planning methods, milestones in population control in India. 2. Epidemiology of Oral Diseases and Conditions: |