Course Outcome of All Courses

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LIST OF PROGRAM OUTCOMES

Po 1 - Ability to identify the normal structures of oral cavity, differentiating the primary and permanent teeth, growth and development of jaws

Po 2 - Competent to diagnose the common dental and oral diseases, malocclusion, tobaccoassociated oral lesions, and potentially malignant and malignant conditions

Po 3 - Competent in taking intraoral radiographs and interpret the radiographic findings

Po 4 - Ability to use the proper instruments for a given condition

Po 5 - Knowledge and skill in using dental materials and drugs

Po 6 - Proving full mouth rehabilitation care and aesthetic dental care

Po 7 - Providing dental care for special children

Po 8 - Providing preventive dental care and dental care for medically compromised patients

Po 9 - Knowledge about recent advances in dentistry

Po 10 - Communication, interpersonal and managerial skills

Po 11 - Skills of oral health promotion including primary and secondary prevention, andtobacco habit cessation counselling

Po 12- The ability to respect community values, including an appreciation of a diversity of backgrounds and cultural values

Preclinical phase

Po 13 - Able to demonstrate lab procedures for crown and bridge fabrication

Po 14- Able to perform teeth setting for complete denture prosthesis

Po15 -Able to perform removable and complete denture lab works

Po 16 -Able to fabricate removable orthodontic appliances

Po 17- Preclinical training for endodontics and conservative dentistry

Po 18 - Able to Histological identification of normal oral structures and tooth section

Course Name: Prosthodontics

CO 1- Making primary impression of completely edentulous condition with Impression compound and fabrication of special tray.

CO 2 – Able to perform removable partial and complete denture laboratory works.

CO 3 – Able to perform teeth setting for removable partial and complete denture prostheses.

CO 4 - Elicit case history for partially and completely edentulous patients.

CO 5 - Clinical procedures involving impressions, maxilla-mandibular relationships, wax trials, denture insertions and recall visits for removable prosthesis and for Fixed Prosthesis

CO 6 - Understanding the patients, mental attitude. Instructing the patient.

CO 7 - Knowledge on chair and operator position for practical and clinical procedures

CO 8 - Treatment planning and evaluation of diagnostic data.

CO 9 - Knowledge on objectives of impression making, materials, techniques and armamentarium

CO 10 - Observing the chair side demonstration of clinical procedures.

CO 12 - Tooth preparation for different restorations on mannequin

CO 11 - Visualizing techniques on videos.

CO 13 - Laboratory skills for fabrication of removable prosthesis

CO 14 – Knowledge about recent dental materials and rehabilitation techniques

Mapping of Program Outcomes & Course Outcomes

Course Outcomes (COs)	PROGRAMME OUTCOME															
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12	PO13	PO14	PO15	PO16
CO-1 Making primary impression of completely edentulous condition with Impression compound and fabrication of special tray.																
CO-2: Able to perform removable partial and complete denture laboratory works.																
CO-3: Able to perform teeth																

setting for removable partial and complete denture prostheses.																
CO-4: Elicit case history for partially and completely edentulous patients.																
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CO 13 - Laboratory skills for fabrication of removable prosthesis																
CO 14 – Knowledge about recent dental materials and rehabilitation																

techniques																

COURSE NAME: PERIODONTOLOGY

CO 1- Ability to identify the normal structures of the oral cavity

CO 2- Competent to diagnose the common dental and oral diseases

CO3 -Competent in interpreting the radiographic findings

CO4. Ability to use the proper instruments for a given condition

CO5 Providing preventive dental care and dental care for medically compromised patients

CO6. Knowledge about recent advances in dentistry

CO7. Communication, interpersonal and managerial skills

CO8. Skills of oral health promotion including Primary and Secondary Prevention

CO9. The ability to respect community values, including an appreciation of a diversity ofbackgrounds and cultural values.

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Secondary Prevention																
CO 9 - The ability to respect community values including an appreciation for the diversity of backgrounds and cultural values																

Course Name: ORAL MEDICINE AND RADIOLOGY

CO 1- Diagnosis of pre-malignant and malignant disorders

CO 2- Able to execute various diagnostic procedures and medications

CO3.Case history taking and clinical examination

CO4. Able to diagnose tobacco induced oral lesions and conduct tobaccocessation counselling for needy patients

CO5 Provide treatment for dental patients with systemic diseases

CO6. Formulation of treatment protocol and writing a prescription for dentaldiseases

CO7. Diagnosing and managing bacterial, viral, and fungal oral lesions

CO8. Demonstration of techniques of intra oral radiography (IOPA, Occlusal,and bitewing)

CO9. Interpretation of normal radiographic anatomy and the pathology

CO10. Diagnosing muco-cutaneous lesions

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CO 9 - Interpretation of normal radiographic anatomy and the pathology																
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COURSE NAME: Pediatric and Preventive Dentistry

CO-1 Effective implementation of "Psychological ownership" Clinics

CO-2 Provide age appropriate Anticipatory guidance

CO-3 Preventive measures for caries-topical fluoride application, pit andfissure sealants and preventive resin

CO-4 Class I Restorations with GIC and composites

CO-5 Minimally invasive procedures

CO-6 Basic extractions

CO-7 Total rehabilitation of early childhood caries in children

CO-8 Art of case history recording

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CO-1 Student should be able to identify the tooth indicated forextraction																
CO-2: Student should be able to differentiate the primary and permanent teeth																
CO-3 Student should be able to interpret the IOPA and OPG radiograph to facilitate diagnosis and																

COURSE NAME: ORAL AND MAXILLOFACIAL SURGERY

CO-1 Student should be able to identify the tooth indicated forextraction

CO-2 Student should be able to differentiate the primary andpermanent teeth

CO-3 Student should be able to interpret the IOPA and OPG radiograph to facilitate diagnosis and treatment planning

CO-4 Student should be able to identify various dental extraction forceps and elevators used for extractions, minor oral surgical procedures

CO-5 Student should be able to select the appropriate quantity of local anaesthetic agents and perform the appropriate technique of administration of LA and also able to prescribepost op medications,

Should be able to perform various types of suturingtechniques and dental wiring on modelsCO-6 Basic extractions

CO-6 Student should be able to perform total extraction proceduresand manage complications

CO-7 Student will be able to perform extraction for special childrenand medically compromised patients

C08- Student will be able to discuss about the various advanced surgical procedures

CO-9 Student should be able to display effective interpersonal communication and managerial skills on patient care

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CO 9 - Student should be able to display effective interpersonal communication and managerial skills on patient care																

COURSE NAME: Oral Anatomy, Histology and Embryology

CO1 should be able to understand the histological aspects & functions of the oral tissues.

CO2 should be able to understand the embryological aspects of oral & paraoral structures

CO3 should be able to acquire the skill to carve life size wax models of permanent teeth

CO4 should be able to identify histological slides of oral tissues and ground sections of teeth

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CO-3 Should be able to acquire the skill to carve life size wax models of permanent teeth.																
CO-4 should be able to identify histological slides																

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COURSE NAME: Oral Pathology

CO1: Should have the ability to understand the manifestations of common lesions affectingthe oral and para-oral structures

CO2: Should be able to understand the basic aspects of Forensic Odontology

CO3: Should be able to identify the microscopic slides of the diseases of oral cavity

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CO-2: Should be able to understand the basic aspects of forensic odontology																
CO-3 Should be able to identify the microscopic slides of the diseases of oral cavity																

COURSE NAME: ORTHODONTICS AND DENTOFACIAL ORTHOPADEICS

CO1: Able to list the indications and components, comprehend the mechanism of action and select appropriate removable orthodontic appliance in any given clinical scenario

CO2: Able to recall the steps, fabricate the components of Hawley's removable orthodonticappliance and also acrylize Hawley's and habit breaking appliance accurately in a preclinicalcondition

CO3: Able to recall the steps, fabricate and insert the appliance, give instructions and follow up in a clinical condition

CO4: Able to describe the functional development of dental arches and occlusion, growth & development of the jaws

CO5: Able to classify malocclusion and diagnose using an appropriate classification system

CO6: Able to elicit history, perform a clinical examination and diagnose the malocclusion ina clinical scenario

CO7: Able to explain the uses of IOPA, OPG and lateral cephalogram pertaining toorthodontic diagnosis

CO8: Able to interpret IOPA, OPG and trace / interpret lateral cephalogram pertaining toorthodontic diagnosis

CO9: Able to select and use appropriate instruments for fabrication of removable orthodonticappliances

CO10: Able to recall the composition and properties of alginate, dental stone, heat cure & self cure acrylic and commonly used orthodontic wires

CO11: Able to demonstrate manipulation of alginate and impression making for a patient

CO12: Able to manipulate dental stone & self cure acrylic and perform necessary wirebending

CO13: Able to explain the malocclusion & treatment plan and give post appliance insertioninstructions to patients

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acrylic and perform necessary wirebending																
CO 13 – Able to explain the malocclusion & treatment plan and give post appliance insertion instructions to patients																

COURSE NAME: CONSERVATIVE DENTISTRY AND ENDODONTICS

CO1: Competent to diagnose all carious lesions

CO2: Adjust patients chair position in relevance to different procedures. Maintain appropriate posture and positionduring interaction with the patient and performing procedures

CO3: Demonstrate recommended hand washing techniques and placement of personal protective barriers

CO4: Provide restorative management for all types of carious lesion with no pulpal involvement with restorativematerials such as silver amalgam, glass ionomer cement and composite resins

CO5: Placement of intermediate restoration at recommended conditions

CO6: Perform clinical evaluation for deep carious lesions by adopting direct and indirect pulp capping procedure

CO7: Perform direct midline diastema closure with composite resin layering procedure diagnosis

CO8: Understand the principles of aesthetic dental procedures

CO9: Competent to perform restorative management for all types of carious lesion in phantom head models.

CO10: Competent to manipulate different dental materials.

CO11: Competent to identify and use dental restorative instruments

CO12: Competent to perform preclinical root canal treatment in single rooted extracted tooth

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CO-1 Competent to diagnose all carious lesions																
CO-2: Adjust patients chair position in relevance to different procedures. Maintain appropriate posture and positionduring interaction with the patient and performing procedures																

CO-3: Demonstrate recommended hand washing techniques and placement of personal protective barriers																
CO-4 Provide restorative management for all types of carious lesion with no pulpal involvement with restorative materials such as silver amalgam, glass ionomer cement and composite resins																
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CO 10 - Competent to manipulate different dental materials																
CO 11 - Competent to identify and use dental restorative instruments																
CO 12 Competent to																

perform preclinical root canal treatment in single rooted extracted tooth																

COURSE NAME: PUBLIC HEALTH DENTISTRY

CO1-Knowledge about various commonly used dental indices

CO2-Knowledge about various instruments used for recordingthe indices

CO3-Recording a comprehensive case history

CO4-Accurate recordings of the scores of the various indices

CO5- Diagnosis of common oral findings

CO6- Formulation of treatment plan based on various levels ofprevention

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Principal

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