

List of Ph.D. Course work subjects that can be offered under
Pediatric Dentistry Group from 2026

Pediatric Dentistry							
Group I		Group II		Group III		Group IV	
Subject Code	Name of the subject	Subject Code	Name of the subject	Subject Code	Name of the subject	Subject Code	Name of the subject
PHPDD101	Preventive Dentistry in Pedodontics	PHPDD201	Diagnosis of Dental Carier				

PHPDD101: PREVENTIVE DENTISTRY IN PEDODONTICS.

Diet counseling for the prevention of dental caries

Principles of diet management, Diet counseling, Patient selection, Food diary, Assessment of sweet score, Calculation of health diet score, Communication techniques, Interviewing, Teaching and learning, Counseling, Motivation

Pit and fissure sealants

Definition, morphology of pit and fissures, types of pits and fissures, histopathology of fissure caries, types pit and fissure sealents, clinical procedure, Recent advances

Plaque control in children

Definition of plaque and plaque control, dentifrice types, tooth brush, newer concepts of tooth brush, brushing techniques, inter dental cleaning aids

Fluorides

Introduction of fluorides, mechanism of action, types of fluorides, topical fluorides, systemic fluorides.

Atraumatic restorative dentistry

Definition, operator position, patient position, assistance position, operating light, procedure, advantages, disadvantages

PHPDD201: DIAGNOSIS OF DENTAL CARIES.

Dental caries

Classification of caries, Theories of dental caries, Current concept of dental caries, Evidence of relation between diet and caries, Food sugar substitutes.

Caries risk assessment

Components of caries activity test ,Risk assessment , Microbial tests for mutans streptococci and lactobacilli , Caries activity test , Cariogram , Caries risk assessment tool.

Diagnostic aids in dental caries

Conventional diagnostic methods, Advanced diagnostic methods

Early childhood caries

Definition, Classification, Stages, Etiological factors, Treatment plan, Prevention.

Rampant caries.

Definition , Treatment plan, Prevention.