

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

Conservative Dentistry & Endodontic							
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
PHCD101	Pulp & Peri-A	PHCD201	Inflammation & Inflammatory Biomarkers				

PHCD101: PULP AND PERI-APICAL DISEASES

Pulp

Functions, zones of pulp, mineralizations, effects of aging on pulp

Peri apical tissues

Cementum, periodontal ligament, alveolar process

Causes of Pulpal and periapical diseases

Inflammatory diseases of pulp

Reversible pulpitis, irreversible pulpitis, pulpal degeneration, pulpal necrosis.

Inflammatory diseases of peri radicular tissues

Symptomatic periradicular diseases, asymptomatic periradicular diseases, external root resorption, persistent apical periodontitis, diseases of the periradicular tissues of nonendodontic origin

PHCD201: INFLAMMATION AND INFLAMMATORY BIOMARKERS

Definition and Signs of inflammation

Types of inflammation

Acute and chronic inflammation

Acute inflammation

Events of acute inflammation, chemical mediators of inflammation, The inflammatory cells, Morphology of acute inflammation

Chronic inflammation

General features of chronic inflammation, Systemic effects of chronic inflammation, Types of chronic inflammation, Granulomatous inflammation

Healing

Regeneration, Repair, wound healing, healing in specialized tissues