

## **SYLLABUS**

### **FURTHER DETAILS REGARDING MAIN TOPICS OF PROGRAMME No. 10/2019 (Item No.3)**

#### **ASSISTANT PROFESSOR IN PERIODONTICS (NCA NOTIFICATION) KERALA MEDICAL EDUCATION SERVICE (Category No.149/2018)**

#### **NORMAL PERIODONTIUM**

Gingiva

Tooth supporting structures

Defense mechanisms of Gingiva

Aging and Periodontium

#### **CLASSIFICATION AND EPIDEMIOLOGY OF PERIODONTAL DISEASE**

Classification of diseases and conditions affecting the Periodontium

Epidemiology of Gingival and Periodontal Disease

#### **ETIOPATHOGENESIS**

Biofilm and Periodontal Microbiology

Microbial interactions with the host in Periodontal Diseases

Dental Calculus and other predisposing factors

Smoking and Periodontal Disease

Systemic factors and Periodontium

Periodontal Medicine

Gingival inflammation

Gingival Enlargement

Acute Gingival Infections

Periodontal pocket

Desquamative gingivitis

Abscesses of the Periodontium

Chronic Periodontitis

Aggressive Periodontitis

Trauma from Occlusion

AIDS and Periodontium

## **DIAGNOSIS**

Clinical Diagnosis

Radiographic Diagnostic Aids

Microbiological Diagnostic Aids

Halitosis

Clinical Risk Assessment

Determination of Prognosis

## **TREATMENT**

### ***NON SURGICAL THERAPY***

Treatment Plan

Mechanical Plaque Control

Antiinfective Therapy

Host Modulation

Periodontal Instruments and Instrumentation

Scaling and Root Planing

Splinting

### ***SURGICAL THERAPY***

Gingival Curettage

Gingivectomy

The Periodontal Flap

Resective Osseous Surgery

Regenerative Osseous Surgery

Furcation Involvement and Treatment

Periodontal Plastic and Esthetic Surgery

Periodontal Microsurgery

### **ORAL IMPLANTOLOGY**

Biological Aspects of Dental Implants

Implants- Surgical Concepts

Periimplant Disease and Management

### **INTERDISCIPLINARY PERIODONTICS**

Diagnosis and Management of Endodontic - Periodontic lesions

Periodontal - Restorative Interrelationships

Adjunctive Role of Orthodontic Therapy

### **MAINTENANCE PHASE**

Supportive Periodontal Treatment

### **RECENT ADVANCES**

Lasers

Photodynamic Therapy

Tissue Engineering

Minimally Invasive Surgery

Piezosurgery

***NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper***