

### 1.3.1\_List of courses\_ DESCRIPTION OF COURSE\_PROGRAM NAME

#### **BDS**

**Public Health dentistry:** Public Health Dentistry deals with the provision of skills and knowledge in preventing oral disease and maintain oral health in communities. The emphasis is on larger societal influences that can impact oral health. The focus is on working with communities as opposed to individual patients. This course requires an understanding of relevant aspects of sociology, psychology, epidemiology and statistics, health economics, evidence-based practice, health promotion and health service organization.

**Periodontology:** This course facilitates the undergraduate students to develop an understanding of the macroscopic and microscopic features of the periodontium, the gingival tissues in health and disease, the various classification systems of gingival and periodontal diseases and the examination, diagnosis and treatment planning in this field of dentistry.

This module facilitates the undergraduate students to develop an understanding of the roles of microbiological, immunological, environmental, systemic and genetic influences in the etiopathogenesis of periodontal disease and various patterns of periodontal destruction

**Orthodontics:** Orthodontics is concerned with facial growth and the development of the dentition and occlusion and prevention and correction of occlusal anomalies. A solid understanding of orthodontics is an essential prerequisite to treatment planning in children and in the management of adult dentition. Orthodontics at undergraduate level consisted mainly of an understanding of growth and development, recognition of malocclusion, basic treatment planning skills and understanding of the fundamentals of treatment provision and their duties for onward referral.

#### **Pediatric and preventive dentistry: This course aims at imparting**

- Comprehensive understanding of human growth and psychological development from post-natal to adolescence and will be able to detect abnormalities in growth and development.
- To impart training in clinical diagnosis and management of oral health problems in infants, children through adolescence.
- To provide adequate knowledge and understanding on the principles of prevention and comprehensive oral care from birth to adolescence.

- To deliver non-pharmacological behavioural techniques that will bring about positive attitude in the behaviour of children.

## **MDS**

### **MDS Orthodontics:**

Orthodontics and Dentofacial Orthopedics deals with prevention and correction of oral anomalies and malocclusion and the harmonising of the structures involved, so that the dental mechanisms function in a normal way.

### **MDS Public Health dentistry:**

Public Health Dentistry is the science and art of preventing and controlling dental diseases and promoting dental health through organised community efforts.

### **MDS Paediatric and preventive dentistry:**

Pediatric and Preventive Dentistry deals with prevention and treatment of oral and dental ailments that may occur during childhood.