

UG program syllabus-

ORTHODONTICS.

Theory Hours : 40 Hours.

Practical & Clinical Hrs. : 150 Hours.

Total Duration : ... 190 Hours. Spread over III & Final BDS

LECTURES :

Stress in lectures should be on the Preventive and Interceptive principles of Orthodontics.

1. Definition, Aims, objects and scope of Orthodontics.
2. Growth and Development of jaws, teeth, face and skull.
3. Genetics as applied to Orthodontics.
4. Normal occlusion and its characteristics. Factors responsible for establishment and maintenance of normal occlusion.
5. Malocclusion-types, different classifications & differential diagnosis.
6. Aetiology of malocclusion.
7. History taking and examination of patient and case analysis and differential diagnosis including photographic analysis, cephalometrics and analysis and treatment planning and prognosis.
8. a) Preventive and interceptive treatment aids of malocclusion.
b) Space management in orthodontics.
c) Treatment of Cl I, Cl II, Cl III malocclusions
9. Appliances used in Orthodontic treatment - Adequate knowledge of removable and fixed appliances, Mechanical appliances and functional appliances

10. Biological and biomechanical aspects of Orthodontics treatment.
11. Retention after treatment and relapse.
12. Materials used in Orthodontics.
13. Habit breaking appliances.
14. Surgical Orthodontics.
15. Current advances.

EXAMINATION PATTERN :

I.THEORY (Maximum)----- 60 MARKS.

Theory (written) paper shall be of three hours duration.

Theory paper shall have three parts A,B, & C.

Section A : MCQ - Total 20 Marks.

20 multiple choice questions carrying one mark each.... 20 marks.

Section B : SAQ - Total 20 marks.

Ten short questions carrying two marks each 20 marks.

Section C : LAQ - Total 20 Marks.

Two long answer question carrying ten marks each 20 marks.

II. A) PRACTICALS / CLINICALS

i) Wire bending and Preparation
of an appliance in wax ... 40 Marks.

ii) Model Analysis (any two indices
with brief treatment plan) ... 15 Marks.

iii) Identification of appliances,
cephalometric landmarks. ... 20 Marks.

iv) Journal ... 05 Marks.

Total 80 Marks.

B) Oral (Viva Voce) ... 20 Marks.

A + B = 100 Marks.

III. Internal Assessment (Theory 20 + Practical. 20) ...40 Marks.