



CHILDREN'S EDUCATION SOCIETY (Regd.)

THE OXFORD DENTAL COLLEGE

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,
Karnataka & Recognised by Dental Council of India, New Delhi)

Bommanahalli, Hosur Road, Bangalore – 560 068.

Ph: 080-61754680 Fax : 080 – 61754693E-mail:deandirectortodc@gmail.com

Website: www.theoxford.edu

DEPARTMENT OF HUMAN PHYSIOLOGY

About us:

The objective of the Physiology department are to produce graduate who are not only equipped with the knowledge in all the modern aspects of Physiology, but are also aware of the particular needs of the society.

VISION AND MISSION OF THE DEPARTMENT

DEPARTMENT OF HUMAN PHYSIOLOGY:

VISION

The aim and objective of the department of Physiology is to ensure adequate training these subjects to the dental students, keeping in view of the use of this knowledge for their dental profession

MISSION

Every dental student when he becomes a dental graduate should be able to practice dentistry with the help of his theoretical knowledge in the subjects concerned and the practical skills acquired during the study as well as the knowledge obtained while dealing with the dental patient.

OBJECTIVES:

The objectives are dealt under three headings namely

(a) Knowledge and understanding (b) skills and c) attitudes.

a. Knowledge and understanding

The graduate should acquire the following during the period of training.

1. Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and should be able to evaluate and analyse scientifically various established facts and data.

2. Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general-state of health and also the bearing on physical and social well-being of the patient.

3. Adequate knowledge of clinical disciplines and methods, which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive, diagnostic and therapeutic aspects of dentistry.

4. Adequate clinical experience required for general dental practice

5. Adequate knowledge of biological function and behavior of persons in health and sickness as well as the influence of the natural and social environment on the state of health so far as it affects dentistry

B. SKILLS:

A graduate should be able to demonstrate the following skills necessary for practice of dentistry.

1. Able to diagnose and manage various common dental problems encountered in general dental practice, keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible.

2. Acquire skill to prevent and manage complications if encountered while carrying out various dental surgical and other procedures.

3. Possess skill to carry out required investigative procedures and ability to interpret laboratory findings.

4. Promote oral health and help to prevent oral diseases wherever possible.

5. Competent in control of pain and anxiety during dental treatment.

C. ATTITUDES

A graduate should develop during the training period the following attitudes.

1. Willing to apply current knowledge of dentistry in the best interest of the patients and the community

2. Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.

3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.

4. Willingness to participate in the continuing education programmes to update knowledge and professional skills from time to time.

5. To help and to participate in the implementation of national health programmes.

Lab facilities:

Equipments:

Monocular Microscope

Stethoscope

Sphygmomanometer

Sahli's Haemoglobinometer

Haemocytometer

Knee Hammer

Tuning fork

ESR stand

Goals and Objectives:

The objective of the Physiology department are to produce graduate who are not only equipped with the knowledge in all modern aspects of Physiology

Faculty: C.K. MERCY MANJULA

UNDER GRADUATE SECTION: Bachelor of Dental Sciences

Services Provided: Adequate number of theory classes in all the topics as prescribed by the university

- Students are trained in Practical classes to perform experiments related to Physiology perfectly
- Clinical experiments conducted as Demonstration classes
- Periodic internal assessment conducted to ascertain the scholastic performance of the students





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DEPARTMENT OF BIOCHEMISTRY

About us:

The objective of the biochemistry department are to produce graduate who are not only equipped with the knowledge in all the modern aspects of biochemistry, but are also aware of the particular needs of the society.

VISION AND MISSION OF THE DEPARTMENT

DEPARTMENT OF BIOCHEMISTRY:

VISION

The aim and objective of the department of biochemistry is to ensure adequate training these subjects to the dental students, keeping in view of the use of this knowledge for their dental profession

MISSION

Every dental student when he becomes a dental graduate should be able to practice dentistry with the help of his theoretical knowledge in the subjects concerned and the practical skills acquired during the study as well as the knowledge obtained while dealing with the dental patient.

3. OBJECTIVES:

The objectives are dealt under three headings namely

(a) Knowledge and understanding (b) skills and c) attitudes.

b. Knowledge and understanding

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2. Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general-state of health and also the bearing on physical and social well-being of the patient.
3. Adequate knowledge of clinical disciplines and methods, which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive, diagnostic and therapeutic aspects of dentistry.
4. Adequate clinical experience required for general dental practice
5. Adequate knowledge of biological function and behaviour of persons in health and sickness as well as the influence of the natural and social environment on the state of health so far as it affects dentistry

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2. Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.
4. Willingness to participate in the continuing education programmes to update knowledge and professional skills from time to time.
5. To help and to participate in the implementation of national health programmes.

Lab facilities:

Equipment list

1. Water bath
2. Eshbach's albumin meter
3. Glass bottle
4. Glass jar
5. Glass dropper
6. Measuring cylinder
7. Physical balance
8. Pipette 10 ml, 5ml, 2ml,1ml.
9. Reagent bottle 250ml.
10. Volumetric flask

Under graduations section:**BDS****Service provided**

Adequate number of theory classes in all the topics as prescribed by the university

Students are trained practical classes to perform experiments related to subjects of biochemistry independently and perfectly

Clinical experiments conducted demonstration classes.

Periodical internal assessment conducted to ascertain the scholastic performance of the students

Frequent workshops, seminars, assignments and discussion conducted to keep the students abreast with latest trends in clinical and non clinical biochemistry

FOLLOWING ARE THE LIST OF FACULTIES

| SL no | Faculty Name |
|-------|--------------|
| 01 | Sukanya |

