



### Programme Specific Learning Outcomes 2023-24

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**PRINCIPAL**  
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## **1. DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY**

### **Summary**

Oral Medicine is a specialty of dentistry that is concerned with oral health care, diagnosis and dental management of patients with complex medical disorders involving the oral mucosa, Salivary glands, Orofacial pain and Temporomandibular disorders. Oral Medicine specialists are concerned with nonsurgical medical aspects of dentistry. The practice of oral medicine provides optimal health to all people through the diagnosis and management of oral diseases.

Oral and Maxillofacial Radiology is the specialty of dentistry and discipline of radiology concerned with the production and interpretation of images and data produced by all modalities of radiant energy that are used for the diagnosis and management of diseases and conditions of the oral and maxillofacial region.

The Undergraduate and Postgraduate students acquire skill of taking and interpreting various oral and skull radiographs, as well as other advanced

imaging techniques that help them in making a definitive diagnosis. They achieve the necessary training to diagnose and treat patients under the supervision of academically and clinically competent faculty members. The Dept of Oral Medicine and radiology at the Oxford dental college is an academic centre in which education, research and patient care occurs simultaneously –each informing and improving other. The Department is also a recognized centre for post doctoral studies (PhD programme).



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## Services Provided

- Diagnosis and treatment plan for oral and dental disorders.
- Diagnosis and treatment for orofacial pain, precancerous lesions and mucosal lesions.
- Diagnosis and primary care for oral cancer
- Physiotherapy treatment for tempero mandibular joint disorders and chronic oro facial pain cases.
- Chair side investigations like Biopsy, FNAC, smear for early detection of oral lesions.
- Diagnosis of medical disorders through oral manifestations
- Diagnosis and investigations of trauma of orofacial region
- Laser treatment for mucosal lesions
- Age estimation through radiographs
- Radiological investigations such as IOPA, OPG, extra oral projections and specialized imaging like RVG and digital imaging



## **2. DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY**

### **Summary: -**

Oral and maxillofacial surgery is a branch of dentistry which deals with diagnosis and treatment of various diseases, injuries and defects involving the orofacial region. The face is the window of human personality; hence facial deformity has enormous psychological implications. Jaw diseases also affect masticatory ability, thus making the life of these individuals miserable. The oral and maxillofacial surgeons play a big role in restoring the quality of life and bringing these people back into main stream.

The Department of Oral and Maxillofacial Surgery covers 12634 Sq.ft and is divided into three sections. It aims at fulfilling all oral and maxillofacial surgical needs of the patients. The undergraduate wing caters to the basic exodontia requirements of the patients. The postgraduate department deals with complex extractions, minor oral surgeries while the operation theatre complex deals with patients with more complex maxillofacial treatment.

### **GOALS**

The goal of the Oral and Maxillofacial Surgery Program is

1. To provide basic and advanced education in Oral and Maxillofacial Surgery
2. For an improved understanding of Oral and Maxillofacial diseases and increased skills in their surgical management.



3. To transform the nature of dental education and practice in ways that will dramatically improve the way we serve our students, patients, and the community.

## OBJECTIVES

The training program in Oral and Maxillofacial Surgery is to structure and achieve the following objectives

- To train the undergraduates and the post graduate students in the field of oral and maxillofacial surgery with advanced techniques and clinical procedures and inculcate good communication skills with patient so as to ensure higher competence and prepare them for the career in teaching ,research and speciality practice .
- To make available specialised surgical care in the field of Oral and Maxillofacial Surgery for the needy and suffering .

## **SERVICES PROVIDED IN OUR DEPARTMENT**

### **U.G. DEPARTMENT**

- Diagnosis



- Minor Oral Surgical Procedures Including
  - ❖ Extraction
  - ❖ Incision and Drainage
  - ❖ Primary Alveoloplasty

### **P.G. DEPARTMENT INCLUDING MAJOR & MINOR O.T.**

- Soft tissue procedures
  - ❖ Frenectomy
  - ❖ Cyst Enucleation
  - ❖ Excision of soft tissue Lesions
  - ❖ Incisional Biopsies
  - ❖ Scar Revision
  - ❖ Cleft lip and Palate surgeries
  - ❖ Cosmetic Surgeries Including Excision of Moles and Warts
  - ❖ Treatment of Premalignant Conditions
- **Hard tissue Procedures**
  - ❖ Impactions
  - ❖ Open Extractions
  - ❖ Alveoloplasties
  - ❖ Fracture Reduction



- ❖ Splinting of Teeth
- ❖ Periapical surgery
- **Open Reduction and Fixation of Fractures**
- **Correction of Skeletal Deformities**
- **Management of pathological lesions including hard and soft Tissues**
- **Management of Neurological Disorders such as Trigeminal Neuralgias & Facial Palsy**
- **Management of Maxillary Sinus Defects**

### **SUPER SPECIALITY CLINICS**

- Implant Dentistry
- Orthognathic Clinic
- OSMF Clinic

### **3. DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE**

#### **Summary: -**

TODC has formulated learning outcomes and objectives for all programs offered by it and ensures to achieve these by students through systematic program process



– Content of curriculum, learning methodologies, evaluation process including its components and practical session. Projects, field visits are clearly stated while planning for curriculum implementation.

To make students aware of learning objectives and the entire process followed to achieve competencies in outcome-based education, copy of curriculum and syllabus, time table for both theory and practical, clinical postings, lesson plan with all details of topics as per what student should know, faculty in charge, teaching methodologies, assessment and evaluation methods are given to students well in advance before the starting of academic year.

Dental education focuses on outcomes, competencies and learner centeredness. To help teachers to find out the stage of competency of the learner for further interventions and better learning dental education entails on going assessments. Learning objective are straight forward and measurable while competencies are complex and made up of more than one domain. Each competency is assessed.

Assessments and Evaluation are important parts of the constructive alignment process. To know the level of mastery in the knowledge and skills the student has attained and faculties to know to what level their teaching has helped students to gain knowledge a well-designed assessment is needed.

TODC follows Structured Assessment Methodology of continues comprehensive assessment through formative and summative assessment. Formative Assessment provide students opportunity to correct their errors and improve their knowledge.

Internal Assessment of TODC is based on day to day assessment which includes, student participation in assignments, preparations for seminar, Clinical case





presentation, preparation clinical case for discussion, clinical case problem solving exercise and participation in community based healthcare activities. It also includes proficiency in carrying out practical/skill in small research project and written test. Three Internal Assessment Examinations in each pre-clinical/para clinical subjects and two examinations in each clinical subjects are conducted in a professional year. At the end Clinical Assessment is conducted for each Clinical Posting.

University Examinations are designed to ascertain whether the student has acquired necessary knowledge, minimum skills, ethical and professional values to function effectively as a physician of first contact. Assessment is carried out on an objective day to the extent possible. Questions include long answer, short answer and objective type.

Practical/Clinical Examinations are conducted in the laboratories or hospital wards or clinics of each specialty to assess proficiency and skills to conduct experiments, interpret data and formed logical conclusion. Clinical cases kept for examination are all of common conditions. There is only one main examination in an academic year and supplementary exam will be held within 90 days after the declaration of results of the main examination.

### **Services provided in our department:**

- Complete denture
- Removable partial denture
- Fixed partial dentures
- Implant supported Complete denture



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- Implant supported crowns
- Implant supported bridge

#### **4. DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS**

##### **Summary: -**

The Education program in the Department of Orthodontics at The Oxford Dental College and Research Centre focuses on providing the students with holistic knowledge and necessary skills required for everyday practice. The students are


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educated to provide ethical, patient-centred, evidence-based Orthodontic treatment. In addition, our aim is to graduate students as pioneers who possess advanced technical skills with a comprehensive scientific foundation, thirst for knowledge, and the capacity to become better clinicians in the field of orthodontics education and research. The three year post graduate programme not only focuses on sound theoretical basis, but also a development of critical analysis of problems and a spirited approach towards solving the same.

The program places equal emphasis on clinical ability, research skills, and leadership capabilities. We do this through our commitment to the transformative power of providing best education available. This begins in our classrooms with exposure to new ideas, new ways of learning and with the help of technology we create a diverse learning environment, where students are encouraged towards intellectual transformation. We also aim to maintain highest standards of excellence and professionalism in all aspects of patient centered practice with research being an integral part of our department.

We religiously follow the curriculum provided by Rajiv Gandhi University of Health Sciences (RGUHS), with the best interest of our BDS students we conduct weekly tests, group discussions, textbook reading, assignments, have one to one interaction to clear their doubts and each student is assigned a mentor to help them academically. Whereas our Post Graduate students are encouraged to take part in scientific research and competitive sectors to expand their knowledge, with



dissertation we also do short studies and publications pertaining to the new age Orthodontics.

### **Services provided in our department:**

The post graduate course in orthodontics and dento facial orthopedics aims to provide the students with an all-round knowledge and holistic approach towards the various clinical scenarios. A key step in this goal is familiarization with multiple appliances, both conventional and contemporary in nature. The students in the department are encouraged to use different appliance systems in keeping with the same.

The students are encouraged to choose an appliance system based on the merits of the system and the requirements of the case. The clinical knowledge to choose the best fit system is important in orthodontic patient management. The following fixed mechanotherapy appliance systems are used by the postgraduates in the department:

1. MBT+ Preadjusted edgewise appliance (METAL and CERAMIC)
2. Begg's light wire technique
3. Passive self-ligating system (DAMON PHILIOSPHY)
4. Clear aligner technique (INVISALIGN)

The care of adolescent patients includes growth modulation therapy. The Dentofacial orthopedics appliances taught to the students include a variety of older and newer methods. Removable and fixed appliances are practiced regularly in the



department under the constant guidance of the staff. Some of the appliances practiced are:

1. Removable functional appliances (TWIN BLOCK)
2. Advansync
3. PowerScope
4. Forsus Fatigue Resistant Device

**Other services provided by the department are:**

1. Fixed retainers
2. Removable retainers
3. Biostar splints

## **5. DEPARTMENT OF PAEDIATRIC AND PREVENTIVE DENTISTRY**

The Education program in the Department of Paediatrics and Preventive Dentistry at The Oxford Dental College and Research Centre focuses primarily with the prevention, diagnosis, and management of oral health problems in children, adolescents, and individuals with special health care needs.


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Students are taught by academicians and practitioners with years of rich experience in the field. The programs offered by the Department adopt a comprehensive approach to dental education and cover a wide range of topics from patient education and investigations to preventive services and treatments.

The Department of Paediatric and Preventive Dentistry focuses on inculcating this patient-first approach in its students. Treating children or individuals with special health care needs, requires meticulous planning right from the environment to the treatment plan. In our department, we uphold the moral and ethical values before treatment planning keeping the care and comfort of the patient in mind.

Students also participate in the community engagement activities of the Department, which include screening camps for students of government schools and providing free treatment to school children and underprivileged children as a part of School oral health programme.

Department has formulated learning outcomes and objectives for UG & PG programs through systematic program process. Copy of curriculum and syllabus, exam time table, clinical postings, lesson plan assessment and evaluation methods are given to students before the starting of academic year. Department follows a Structured Assessment Methodology of continues comprehensive assessment through formative and summative assessment. These Formative Assessment provide students opportunity to correct their errors and improve their knowledge. 3 Internal Assessment Examinations in each pre-clinical/para clinical subjects and two examinations in each clinical subjects are conducted in a professional year. Internal Assessment of Dept. is based on day-to-day assessment which includes,



student participation in assignments, preparations for seminar, Clinical case presentation, preparation clinical case for discussion, clinical case problem solving exercise and participation in community-based healthcare activities. At the end Clinical Assessment is conducted for each Clinical Posting. University Examinations are designed to ascertain whether the student has acquired necessary knowledge, minimum skills, ethical and professional values to function effectively as a physician of first contact.

Department possess a State of the art technologies and equipment to train our post graduate students to a new era of Paediatric dentistry.

**Departmental high-end equipment's** includes:

- Nitrous oxide conscious sedation unit
- Pulse oximeter
- Digora-Digital Radiography
- X smart Endomotor
- Digital apex locators
- Digital pulp testers
- TENS unit
- Magnifying loupes
- Hydrosolder
- Fully programmable front-loading autoclaves
- Calamus thermoplastic gutta-percha filling unit



## Services provided in our department:

The post graduate course in Paediatric & Preventive dentistry aims to provide the students with an all-round knowledge and holistic approach towards the various clinical scenarios. The department is of firm belief that every child has a fundamental right to total oral health and strives towards achieving this end. Counselling parents regarding diet, prevention and management of dental caries, pediatric endodontics, management of traumatic dental injuries, preventive and interceptive orthodontics, cosmetic dental treatment etc are routine services rendered to patient.

## Service Provided

- Diagnosis
- Oral prophylaxis
- Fluoride varnish application
- Tooth colored restorations/ fillings for primary and permanent teeth
- Pit and fissure sealants
- Pulp therapy for primary teeth
- Root canal treatment
- Apexogenesis and Apexification procedures
- Regenerative endodontics
- Revascularization procedures
- Stainless steel crown placement
- Extraction





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- Preventive and Interceptive Orthodontic treatment
  - Management of developing malocclusion
  - Space management
  - Habit breaking appliances
  - Cross bite correction appliances
  - Myofunctional therapy
- Indirect pulp capping
- Direct pulp capping
- Post and core restorations
- Esthetic crowns
- Management of traumatic injuries
- Complete oral rehabilitation treatment under general anesthesia
- Treating the child with special health care needs

### OBJECTIVES:

- Support and maintain academic excellence through evidence based practice.
- Provide patient centered quality dental care from infancy to adolescence
- Provide oral health care to under privileged and differently abled children.
- Prevent and intercept oral diseases in children with use of recent technologies.
- Understand the oral health needs of the community and promote disease prevention.
- Maintain a successful continuing education program for career-long learning.



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- Promote research and develop graduates who are highly competent, ethical, socially responsible and culturally sensitive professionals.

## **6. ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY**

**Summary: -**

The Education program in the Department of Oral and Maxillofacial pathology and



Microbiology at The Oxford Dental College and Research Centre focuses on providing the students with holistic knowledge and necessary skills required for everyday practice. The students are educated to provide ethical, patient-centered, evidence-

based treatment. In addition, our aim is to graduate students as pioneers who possess advanced technical skills with a comprehensive scientific foundation and the capacity to become better clinicians.

We religiously follow the curriculum provided by Rajiv Gandhi University of Health Sciences (RGUHS), with the best interest of our BDS students we conduct weekly tests, group discussions, textbook reading, assignments, have one-to-one interaction to clear their doubts and each student is assigned a mentor to help them academically. Whereas our Post Graduate students are encouraged to take part in scientific research and competitive sectors to expand their knowledge.

#### (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 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 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 the constitution, 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 in 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 the skill to prevent and manage complications if encountered while carrying out various surgical and other procedures.



3. Possess skill to carry out certain investigative procedures and ability to interpret laboratory findings.
4. Promote oral health and help prevent oral diseases where possible.
5. Competent in the control of pain and anxiety among the patients during dental treatment.

(B) ATTITUDES: A graduate should develop during the training period the following attitudes.

1. Willing to apply the 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 CPED Programmes to update the knowledge and professional skill from time to time.
  5. To help and participate in the implementation of the national oral health policy.
2. Student should be able to identify the age of patients based by patterns of teeth eruption of different age groups.
  3. The student should understand the histological basis of various dental treatment procedures and physiologic ageing process in the dental tissues.
  4. The students must know the basic knowledge of various research methodologies.



5. Student should be able to identify different types of pathological processes, that involve the oral cavity.
6. The manifestations of common diseases, their diagnosis & correlation with clinical pathological processes.
7. An understanding of the oral manifestations of systemic diseases should help in correlating with the systemic physical signs & laboratory findings.
8. The student should understand the underlying biological principles governing treatment of oral diseases.
9. Student should have knowledge of the principles of certain basic aspects of Forensic Odontology.

- 1) Patient care : The department of Oral Maxillofacial Pathology and Microbiology renders the following services to the patients :

SL NO	SERVICES
1.	<p>HEMATOLOGY :</p> <p>HAEMOGLOBIN ESTIMATION</p> <p>TOTAL COUNT</p> <p>DIFFERENTIAL COUNT</p> <p>RBS COUNT</p> <p>PLATELET COUNT</p> <p>BLEEDING TIME</p> <p>CLOTTING TIME</p> <p>DETERMINATION OF BLOOD GROUP AND RH FACTIOR</p> <p>FASTING BLOOD GLUCOSE ESTIMATION</p> <p>POST PRANDIAL BLOOD GLUCOSE ESTIMATION</p> <p>RANDOM BLOOD SUGAR ESTIMATION</p>



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2.	HISTOPATHOLOGY
3.	EXFOLIATIVE CYTOLOGY
4.	FINE NEEDLE ASPIRATION CYTOLOGY
5.	IMMUNOHISTOCHEMISTRY
6.	HARD TISSUE MICROTOMY
7.	SPECIALIZED MICROSCOPY (STEREO, POLARIZED AND FLUOROSCENT MICROSCOPY)
8.	URINE SUGAR (FASTING) ESTIMATION URINE SUGAR (POST PRANDIAL) ESTIMATION
9.	BLOOD UREA SERUM CREATININE
10.	SPECIAL INVESTIGATIONS:  HEPATITIS SURFACE ANTIGEN (Hbs Ag Test) Tests For HIV 1 And HIV 2 (4 <sup>th</sup> Generation Screening Test)

**7. DEPARTMENT OF PERIODONTOLOGY**

**Summary: -**

The Education program in the Department of Periodontology at The Oxford Dental College and Research Centre aims at providing a comprehensive dental education to the students. The students are trained to be skilful and be an efficient clinician. In addition, our aim is to motivate and encourage students to take up research work and involved conducting micro classes to their own batchmates so as to train them to be good academicians as well. The undergraduate students are trained for overall comprehensive care of dental care. The three year post graduate programme focuses on complete training of the students to polish their clinical skills and train them to be ethical clinician practitioner, academician and researcher

The program places equal emphasis on clinical ability, research skills, and leadership capabilities. We do this through our commitment to the transformative power of providing best education available. This begins in our classrooms with exposure to new ideas, new ways of learning and with the help of technology we create a diverse learning environment, where students are encouraged towards intellectual transformation. We also aim to maintain highest standards of excellence and professionalism in all aspects of patient centered practice with research being an integral part of our department.

We religiously follow the curriculum provided by Rajiv Gandhi University of Health Sciences (RGUHS), with the best interest of our BDS students we conduct weekly tests, group discussions, textbook reading, assignments, have one to one





interaction to clear their doubts and each student is assigned a mentor to help them academically. Whereas our Post Graduate students are encouraged to take part in scientific research and competitive sectors to expand their knowledge, with dissertation we also do short studies and publications pertaining to the new age Periodontology

### **Services provided in our department:**

The post graduate course in Periodontology aims to provide the students with an all-round knowledge and ethical approach towards the various clinical scenarios.

The students are encouraged to take up various regenerative techniques and materials along with periodontal flap surgery

Scaling and polishing

Non surgical periodontal therapy

Periodontal minor surgeries

Periodontal Flap surgeries

Depigmentation

Root Resection, Hemisection, Bicuspidation,

Ridge Augmentation Procedure

Regenerative and Reconstructive Procedures

Mucogingival Surgeries

Implants and Laser Therapy



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Periodontally Accelerated Osteogenic Orthodontics (PAOO)

## **8. DEPARTMENT OF PUBLIC HEALTH DENTISTRY**



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In the department of Public Health Dentistry, the student gains adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and be able to evaluate and analyse scientifically various established facts and data. They will be 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 while maintaining a high standard of professional ethics and conduct and apply these in all aspects of professional life. Specifically, they will learn to apply the principles of health promotion and disease prevention; have knowledge of the organization and provision of health care in community and in the hospital service; have knowledge of the prevalence of common dental conditions in India; have knowledge of community based preventive measures and have knowledge of the social, cultural and environmental factors which contribute to health or illness.

To achieve this goal, the curriculum provided by Dental Council of India and Rajiv Gandhi University of Health Sciences (RGUHS) is diligently followed keeping in mind the quota of each exercise to be completed. The activities are clinical cases, case discussions, preventive measure applications, health talks, field visits, preparation of health education (IEC) materials, assignments, etc. As far as post graduate students are concerned, they are encouraged to



undertake surveys, organise camps and outreach programs, research and publications.

## SERVICES PROVIDED

### 1. Speciality services within the department

- a. Preventive Dentistry as a part of undergraduate and postgraduate curriculum which includes Pit and Fissure Sealants, Restorative Treatments and Topical Fluoride Application.
- b. Minimal Invasive Dentistry
- c. Comprehensive treatment for the patients referred from dental camps.
- d. Comprehensive case history and measurement of oral diseases using indices.

### 2. Oral Health Education and Awareness programmes in the college premises (Museum), Dental camps and in Schools including anganawadi centers.

- a. Tobacco Cessation Counselling
- b. Diet counselling
- c. Oral hygiene maintenance

### 3. Rural and Urban Outreach programmes

- a. In Dental Camps oral health preventive and treatment programmes with mobile dental unit facility.
- b. Planning and Evaluation of camps.
- c. Incremental and Comprehensive programmes in schools.



**CHILDREN'S EDUCATION SOCIETY (Regd.)**

**Administrative Office:**

Ist Phase, J.P. Nagar, Bangalore-560 078.

Ph: 080-26659532, 61754501/02 Fax : 080 – 26548658

**THE OXFORD DENTAL COLLEGE**

**Accredited with 'A' grade by NAAC**

(Recognised 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.

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d. Preventive and comprehensive care for Priority Groups like Pregnant and lactating women, Geriatrics and special group children.

4. Other Services

- a. Oral health surveillance and disease burden.
- b. Epidemiological Surveys and Fluoride Mapping.
- c. Restorative and esthetic dentistry.
- d. Advocacy issues will be addressed to the government and other agencies on various oral health problems.

**9. DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS**

**Summary: -**

The Education program in the Department of conservative dentistry and endodontics and at The Oxford Dental College and Research Centre focuses on providing the students with holistic knowledge and necessary skills required for everyday practice. The students are educated to provide ethical, patient-centred, evidence-based Restorative and Endodontic treatment. In addition, our aim is to graduate students as pioneers who possess advanced technical skills with a comprehensive scientific foundation, thirst for knowledge, and the capacity to become better clinicians in the field of Conservative Dentistry and Endodontics education and research. The three year post graduate programme not only focuses on sound theoretical basis, but also a development of critical analysis of problems and a spirited approach towards solving the same.

The program places equal emphasis on clinical ability, research skills, and leadership capabilities. We do this through our commitment to the transformative power of providing best education available. This begins in our classrooms with exposure to new ideas, new ways of learning and with the help of technology we create a diverse learning environment, where students are encouraged towards intellectual transformation. We also aim to maintain highest standards of excellence and professionalism in all aspects of patient centered practice with research being an integral part of our department.

We religiously follow the curriculum provided by Rajiv Gandhi University of Health Sciences (RGUHS), with the best interest of our BDS students we conduct weekly tests, group discussions, textbook reading, assignments, have one to one



interaction to clear their doubts and each student is assigned a mentor to help them academically. Whereas our Post Graduate students are encouraged to take part in scientific research and competitive sectors to expand their knowledge, with dissertation we also do short studies and publications pertaining to the recent advances in Conservative Dentistry and Endodontics.

### **Services provided in our department:**

The post graduate course in Conservative Dentistry and Endodontics aims to provide the students with an all-round knowledge and holistic approach towards the various clinical scenarios. A key step in this goal is familiarization with various restorative and endodontic treatments, both conventional and contemporary in nature. The students in the department are encouraged to use different restorative materials and endodontic equipments, materials and new methods.

The students are encouraged to choose the various restorative/endodontic procedures and materials based on the merits of the system and the requirements of the case. The clinical knowledge to choose the best restorative/endodontic material and method in patient management. The following materials are used by the postgraduates in the department:

### Restorative Materials

Direct restorations materials



- Silver amalgam
- Glass ionomer cement
- Direct composites

#### Indirect restorations

- Cast Gold Inlay
- Cast Gold Onlay
- Metal Inlay
- Metal Onlay
- Indirect Composite Inlay
- Indirect Composite Onlay
- Ceramic Inlay
- Ceramic Onlay

#### Endodontic equipments and Materials

##### Apex locators

- Neosono
- Root ZX
- Propex-I
- Propex-II





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Surgical Microscope

Thermoplasticized GP

- Thermoprep
- Obtura II system
- Elements obturating system
- System B obturation
- Gutta Flow
- E&Q Plus master

**Other services provided by the department are:**

Crowns

Full Ceramic

Metal Ceramic

Metal crowns

Full Mouth Rehabilitation



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Digital Imaging System- scanner and Software

Endosteos

X smart

Intraosseous Anesthesia

Radiovisiograph

Surgical Microscope

Thermoplasticized GP

- Thermoprep
- Oltura II system
- Elements obtunding system
- System B obturation
- Cuffa Flow
- E&Q Plus master

Other services provided by the department are:

Crowns


Full Ceramic

Metal Ceramic

Metal crowns

Full Mouth Rehabilitation

  
**PRINCIPAL**  
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 Bommanahalli, Hosur Road,  
 Bangalore - 560 088.

  
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