

ORAL MEDICINE AND RADIOLOGY

The department encourages the overall growth of the students who enroll in the MDS course by incorporating both clinical and academic-oriented skill enhancement programs.

A structured program to hone the skills of the students in the latest domains of clinical dentistry, like LASERS and implants, is offered at the department.

The students are also exposed to a wide range of community outreach programs focusing on overall health assessment as well as oral health assessment, with a special focus on oral cancer screening.

Catering to the radiological aspects of training, the department hosts a busy in-house, state-of-the-art CBCT machine. Collaboration with external centres to train students hands-on over advanced imaging like CT, MRI, and PET Scan has been established.

For those who aspire to grow in biotechnology fields, the department has collaborated with leading pharmaceutical industries to orient students in various nuances of this speciality.

The department also offers a part-sponsorship for deserving and meritorious students to encourage their skill advancement.

DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

The department has **54** Scientific publications in International/ National/ State journals to its credit.

- Training of Post-graduate students in assisting and performing various minor oral surgeries and major maxillofacial procedures.
- All the Postgraduate students are trained to do all Conventional and Advanced Implant Surgical procedures.
- Postings at Accident and Emergency Department in the associated Hospital for handling cases of trauma and complex facial injuries.
- Postings at Anaesthesia Department in reputed Hospital for imparting basic knowledge on Local and General Anaesthesia.
- Peripheral postings at Kidwai Cancer Hospital for training in Head & Neck Surgical Oncology and at Bhagawan Mahaveer Jain Hospitals for observation and training in Cleft lip & palate repair surgeries.

DEPARTMENT OF PROSTHODONTICS

Since its inception in the year 1992, the department has moved forward progressively in all domains of teaching, learning, research, and patient treatment/care.

The department has separate Clinical areas for UG & PG students and a modern state of the art fully equipped Pre- Clinical Laboratory, casting/ceramic lab, and clinical lab.

All the Postgraduate students are trained to do all Implant Surgical and Prosthodontic procedures.

Digital technology in dentistry can improve accuracy, automation, speed, and integration between various disciplines.

Keeping abreast with current trends and developments, clinical and laboratory facilities like ExoCAD, Primescan, 3D printer and T – Scan are available at the Department of Prosthodontics and Crown & Bridge, DAPM RV Dental College. The digital dentistry lab enables the clinicians to take digital impressions, perform diagnostics and plan treatments without the use of mechanical tools.

DEPARTMENT OF PERIODONTICS

Teaching:

- **Efficient knowledgeable skilled and Experienced Faculty** with 12-25 years of Undergraduate teaching experience and 10+ years of Postgraduate teaching experience
- All the Postgraduate students are trained to do all Periodontal, Mucogingival **Conventional and Advanced Implant Surgical procedures.**
- Faculty experienced as Office bearers of Specialty association, Resource persons, Guest speakers, Chairpersons /Judges for scientific presentations, Members of organizing committee for International and National conferences.
- **State of the art infrastructure:** Equipped with all the necessary and advanced equipments such as Centrifuge machine, LASER Unit, Physio dispenser, Piezo Surgical Unit, Iontophoresis units for all the procedures classic and recent.
- The department has multiple MOUs for research purposes.
- Our department postgraduates have secured many awards, 11 university ranks in various events and examinations.

**DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL
MICROBIOLOGY**

- **Teaching**
 - **Efficient Faculty** with 16-26 years of Undergraduate teaching experience and 10+ years of Postgraduate teaching experience
 - Faculty experienced as Office bearers of Specialty association, Resource persons, Guest speakers, Chairpersons /Judges for scientific presentations, Members of organizing committee for International and National conferences.
- **State of the art infrastructure** (Eg: Pentaheaded research microscope with various applications of light microscopy, Semiautomatic Tissue embedding station, Semiautomatic soft tissue microtome; set up for Immunohistochemistry and such others)
- **Peripheral postings** for Pathology and related subjects at **Higher centers of learning** – St. John’s Hospital, NIMHANS, Kidwai Memorial Institute of Oncology, Bengaluru
- Greater Opportunities for short term research and publications

RESEARCH COLLABORATIONS (02):

1. Ambuja Healthcare Foundation, Bengaluru
2. Maratha Mandal’s Nataji Rao G Halgekar Institute of Dental Sciences and Research Centre, Belgaum

RESEARCH GRANTS AWARDED:

Awarded RGUHS UG Research Grant 2022-2023, for the project “Use of Proliferative Cell Nuclear Antigen to categorize an ‘Inflamed Odontogenic Cyst’ without classic histopathological features- an exploratory study

DEPARTMENT OF CONSERVATIVE DENTISTRY & ENDODONTICS

Teaching

- **Efficient Faculty** with more than 25 years of Undergraduate teaching experience and 15 years of Postgraduate teaching experience
- Faculty experienced as Office bearers of Specialty association, Resource persons, Guest speakers, Chairpersons /Judges for scientific presentations, Members of organizing committee for International and National conferences.
- **State of the art infrastructure**

MOU’s and External collaborations:

- The Department of Conservative Dentistry & Endodontics has signed an MOU with Coltene Whaledent on 28th February 2023
- The Department of Conservative Dentistry & Endodontics has signed an MOU with Confident Dental Laboratory Pvt Ltd., on 12th April 2023

DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY

Teaching:

- **Efficient Faculty** with more than 25 years of Undergraduate teaching experience and 20 years of Postgraduate teaching experience

MOUs

- Collaboration with TVS Srinivasan Services Trust for conducting school oral health program in various regions of Karnataka and Tamil Nadu
- Collaboration with Sathya Sai Trust for conducting school oral health program in Chikkaballapur regions

Extension Activities

- Extensive school oral health programs are regularly conducted with screening and treatment for over 10,000 children each year.
- Conducted painting competition for school children in collaboration with Group Pharmaceuticals
- Research activities in collaboration with research facilities such as Merck Lab, Azyme Biosciences Lab etc

Additional academic activities

- The department has the state-of-the-art sedation clinic equipped with a nitrous oxide oxygen sedation unit. The post-graduates receive formal training in usage of the same.
- Students are regularly posted for comprehensive oral rehabilitation cases under general anesthesia.
- Special dedicated didactic program was conducted for providing hands-on training in preventive and interceptive orthodontics. This techniques are used to treat cases as a part of early orthodontic treatment wherever necessary

DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

The Department of Orthodontics was established in 1992 and has "the state of the art" facilities catering to a wide range of orthodontic needs of the community. The department employs contemporary teaching methodology and treatment techniques.

Academics

The department offers MDS, Diploma in orthodontics and PhD approved by DCI.

Keeping abreast with the current trends, department has increased its academic flexibility by integrating the Invisalign university programme in collaboration with Align tech. USA, one of the first in south India and the second in the country and has Damon university program in collaboration with Ormco Company USA.

Faculty

Most of the Faculty in the department have teaching experience of over 25 years with additional academic qualifications and have international exposure.

Faculty from the department have been invited as guest speakers for various national and international conferences.

Student achievements

Undergraduates and post graduate students have received ranks and gold medals in university examinations.

Post graduates have received prizes in quiz competition, poster presentations and paper presentations at National Convention and zonal conventions.

The department has 100% pass percentage in undergraduate and postgraduate university examinations.

Alumina of the department have been placed at national and international levels in both academic and clinical practice.

Department has student friendly environment.

Publications

The Department has over **131** scientific publications in various national and international journals.

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

UG Teaching program

- Public Health dentistry in third year and final year of Under graduation
- Community service and social accountability initiatives during internship
- UG research and platform to present during the UG research exposition.

PG Teaching program

- The PG program in the department has been in place since 2006. The program encourages students to strengthen their comprehensive patient management work. Synergy and colloquium provide unique platforms for discussion and exchange of ideas.

Key Features:

UG Research: more than 60 research projects

Postgraduate Research: More than 50 research projects

Funding Opportunities to apply for

- Dr Pandurangi Memorial Public Health Research Award of upto Rs 15,000/- for research through “Dr Pandurangi Memorial Public Health Research Award” etc.
- Opportunities for external grants

Training Opportunities in:

- Public health research and projects
- Comprehensive dental treatment in the department (including training RCT/Root Canal treatment (anterior/posterior with rubber dam use etc.), management of periodontal diseases, tobacco cessation counselling etc.)
- Interdepartmental postings in departments like oral surgery, conservative dentistry & endodontics, oral medicine etc.
- External internships

ALL THE DEPARTMENTS ARE RECOGNIZED PhD CENTER UNDER

RGUHS, KARNATAKA