

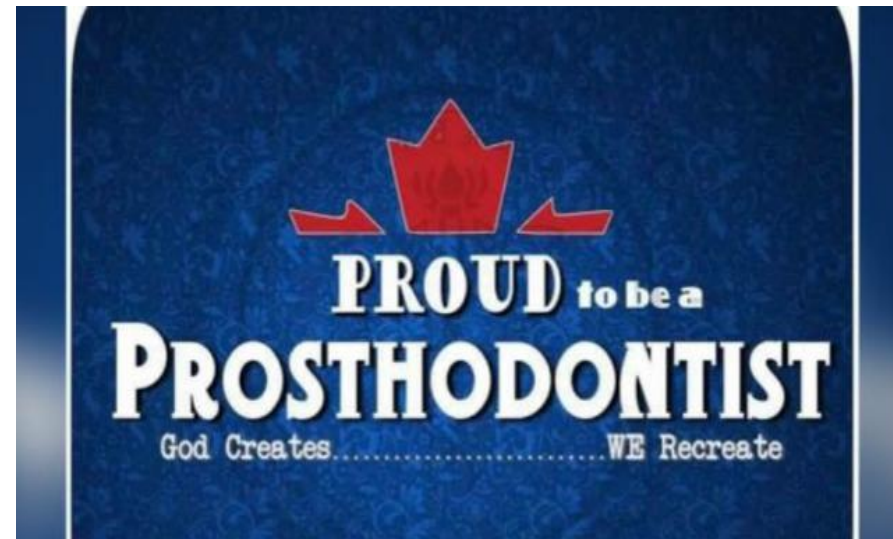


# Bharati Vidyapeeth

## Dental College and Hospital, Navi Mumbai



## DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE



Dr. Mridula Joshi  
Professor & HOD



# The beginning....and the journey..

The Department of Prosthodontics began as a part of a central clinic in 2005 in a temporary facility in our campus.

First batch of BDS started in 2005  
BDS recognition of the first batch happened in 2009.

In 2011, our Department started its PG course with one unit(3 PGs/ year)

In 2014, the First batch of MDS was recognized.

The increase in seats to 2 unit PGs was applied in 2016 and this batch of MDS (5 PGs/year) was recognized in 2019.

## VISION:

To make this department & institute one of the finest in patient treatment care, which is affordable and accessible to all, and to be an excellent institute for Dental education.

## OUR MISSION

1. To deliver good quality dental treatment to all cadres of patients and be committed to patient care.
2. To train Graduates and Postgraduates in a holistic manner, to make them able to treat patients, with optimum skills, compassion, and ethics.
3. To train students in Research and pedagogy

- The current faculty strength is 14  
(2 Professors, 4 Readers, 8 Lecturers)



- Total of 15 PGs are there in the department (5/ year).





## SCOPE OF TREATMENT

Prosthodontics plays a **key role** in any Dental Institute for the complete oral rehabilitation of patients

CONVENTIONAL  
COMPLETE  
DENTURES

REMOVABLE  
PARTIAL  
DENTURES

Fixed Dental  
Prosthesis

Implantology

MAXILLOFACIAL  
PROSTHODONTICS



## ❖ Advanced treatment modalities:

- ❖ Smile designing
- ❖ Full mouth rehabilitations
- ❖ Implant supported prosthesis (single to full mouth)
- ❖ Special dentures viz Overdentures, immediate dentures, single complete dentures
- ❖ Maxillofacial prosthesis – Intra-oral and extra-oral
- ❖ Management of Temporomandibular disorders

# Salient features:

## Scientific activities

Staff regularly conduct Pre-conference courses & are Resource persons in National conferences & PG conventions.

10 patents among the staff of the department.

Students are trained in all aspects of oral rehabilitation, including complete denture, removable dentures, Fixed dental prosthesis.

Apart from this training is done for Maxillofacial prostheses and wide array of cases for Implants, from single missing to full mouth implants.

## Denture treatment camps

Staff & Pgs have conducted 2 Complete denture treatment camps at old age homes.



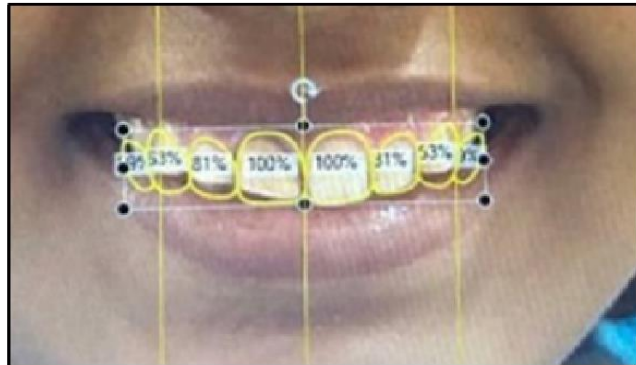
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## TRANSFORMING SMILES



DIGITAL SMILE DESIGN



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### TRANSFORMING SMILES



Implant supported overdenture





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### TRANSFORMING SMILES





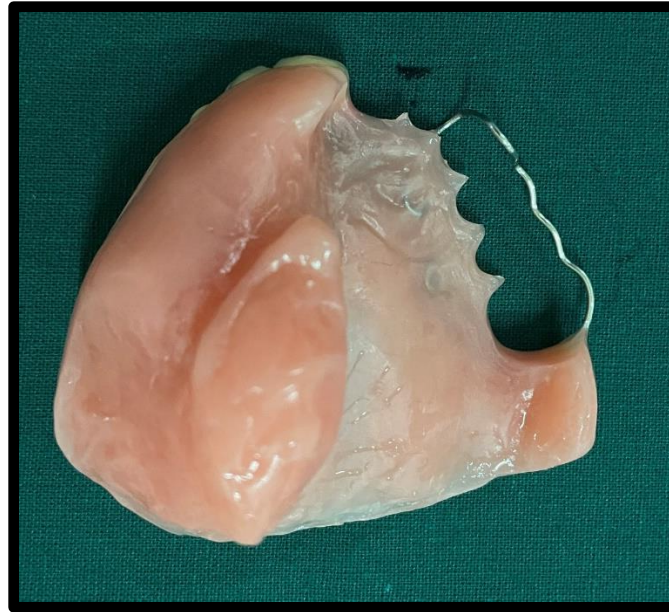
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**Dental College and Hospital, Navi Mumbai**

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**SCLERAL PROSTHESIS**

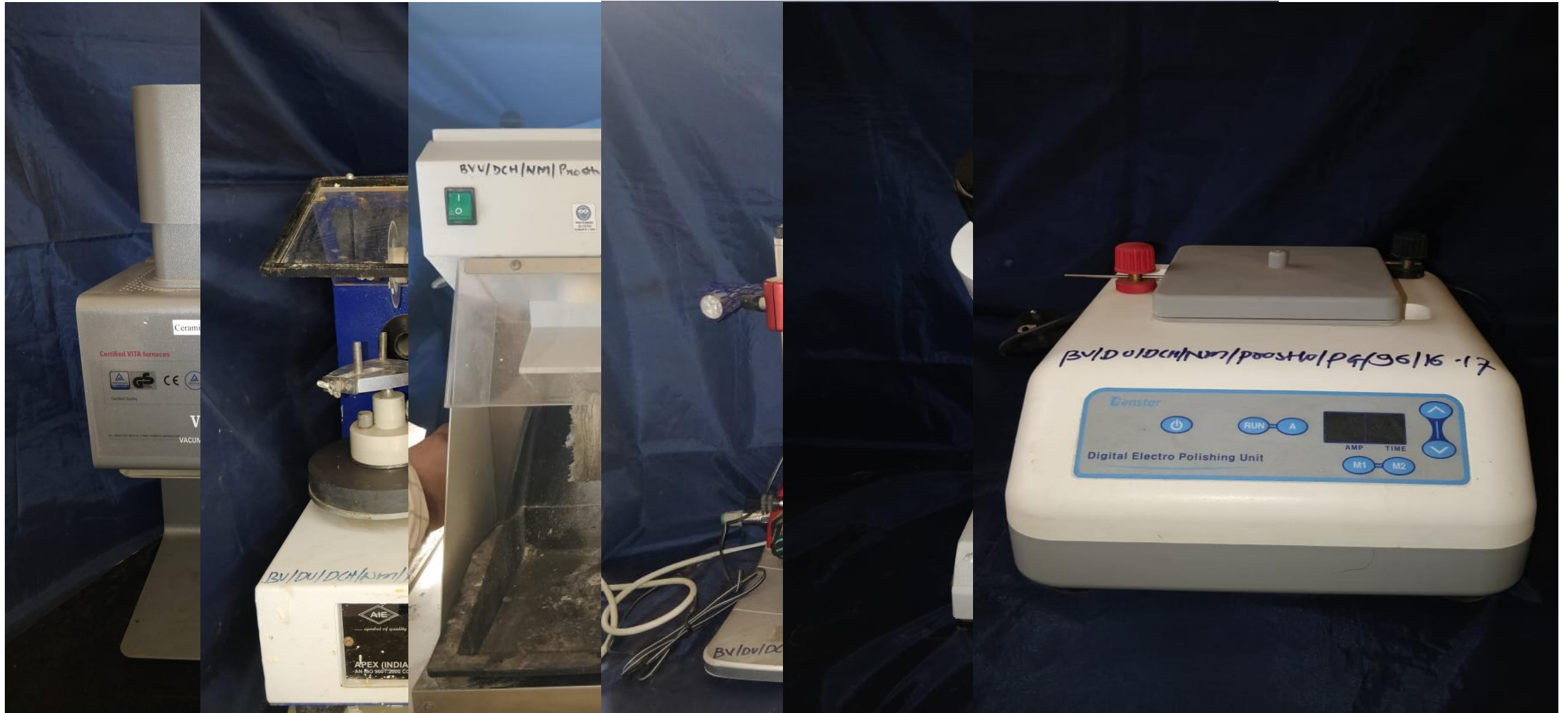


**Maxillary Obturator for Mucormycosis patient**



# ❖ Sections of the Department

- Pre-clinical Dental material science lab
- Pre-clinical phantom head lab
- Under-graduate clinic
- Post-graduate clinic
- Implant section
- Ceramic lab
- Casting lab
- PG Preclinical lab
  
- STATE OF THE ART INFRASTRUCTURE



# DENTAL LABORATORY EQUIPMENT

## SPECIAL EQUIPMENTS

- **Dental materials Science** - First and Second BDS students trained and taught this subject
- **Pre-clinical Prosthodontics-** First and Second BDS taught and trained in Preclinics before they enter clinic
- **Clinical Prosthodontics-** Teaching and Training of Third and Final year BDS the basic treatment protocols and procedures for complete dentures and removable partial dentures.
- **Interns training programme-** In addition to basic clinical training, they are taught treatment modalities in Fixed dental Prosthesis and Introduction to Implantology.
- **Post-graduate programme-** Training of Post Graduates in Preclinicals and clinical treatment from basic to advanced Prosthodontic treatment modalities, including, Implants, Maxillofacial Prosthodontics etc, Interdisciplinary approach to treatment, teaching and Research skills, presentation skills etc.

## ❖ Other activities

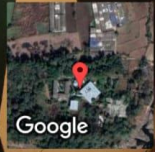
- Many **CDEs** have been organized by the department on Removable Prosthodontics, Implant Prosthodontics, Maxillofacial Prosthesis, Direct & Indirect veneers, Digitization in Prosthodontics etc.
- **One day Intensive Workshops** on Programming of Articulators and Management of Hemi Mandibulectomy defects has been organized by the department, where eminent clinicians have been invited.
- **“ALUMNI TREE MADE IN THE DEPARTMENT”** presenting the PG Alumni from the first batch onwards.
- Every year **PROSTHODONTIST DAY** is celebrated on 22<sup>nd</sup> January
- It is celebrated by creating more awareness about our speciality in the society through skits, posters etc or by conducting a treatment camp at old age home and contributing towards community service.
- By conducting CDE programs, Soap carving competitions, Alumni talks
- Essay writing competition.







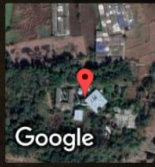
GPS Map Camera



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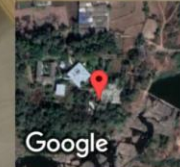
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**Denture treatment camp at Senior Citizen Home, Panvel and Patient education regarding Geriatric Nutrition**

## ❖ SCIENTIFIC PROFILE

- Many short Research projects and studies have been carried out by staff and PGs of the department.
- Publications of articles and Books done by the staff of the Department, including Pubmed indexed, WOS, and Scopus indexed journals.
- Faculty and PGs from the department actively attend National and State conferences and CDEs and present papers, posters, and table clinics.
- Staff regularly conduct Pre-conference courses in National conferences.
- Staff and students have won prizes at various Conferences and conventions.

## ❖ FUTURE GOALS

- MOUs and Exchange programs to motivate staff and students and provide better learning opportunities.
- Plan to tie up with Hospitals for Maxillofacial cases, and with Dental Lab for digital support, which will immensely benefit our students
- Conducting National conference.

THANK YOU