



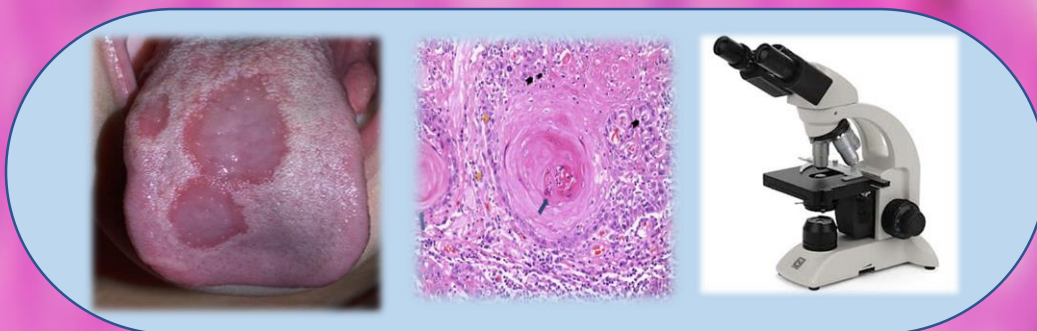
**MGM DENTAL COLLEGE AND HOSPITAL,
NAVI MUMBAI**

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NATIONAL ORAL PATHOLOGY DAY

25th FEBRUARY



**Organized by
DEPARTMENT OF
ORAL & MAXILLOFACIAL PATHOLOGY**

**FIELD TRIP TO
ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION
IN CANCER,
KHARGHAR, NAVI MUMBAI**

**On
Applications of advanced research tools in the field of head and neck
pathology.**



Date & Time: 25/02/2025, 1.00-4.00 pm

Target group : PG students and Faculty

mgmoralpathology@gmail.com



MAHATMA GANDHI MISSION DENTAL COLLEGE & HOSPITAL

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Plot No. 1 & 2 Sector-01 (Old 18 & 19), Kamothe, Navi Mumbai- 410209

E-Mail ID: mgmdch@mgmmumbai.ac.in



Field Visit	
Title Of The Program: Field Visit to Advanced Centre for Treatment, Research and Education in Cancer (ACTREC)	
Organizing Department: Oral & Maxillofacial Pathology	Dates Of Conduct: 25/02/2025
Resource Person: Dr. Jigna Pathak	
Target Audience: Faculty and Post Graduate students	Total No. Of Attendees: 21

Goal:

- 1) To enlighten post graduate students about state of art equipment's, facility and digital data recording catering to all aspects of surgical oncology, histopathology, cytopathology and molecular genetics.
- 2) To understand application of scanning electron microscope and stereomicroscope in various studies and

Implementation:

The program enabled the students to acquire knowledge, understanding of skills in field of pathology and study working of various state of art of equipment's which include automated tissue processors, manual/semi-automatic/automatic microtomes, high-end cryomicrotomes, tissue embedding systems, auto-stainers, cover slippers, cyto-centrifuges, biosafety cabinets, immunohistochemistry auto stainers, multi-headed microscopes, automated slide scanners et. The students also gained an understanding of antibodies for immunohistochemical analysis of tissues, oncopathologically relevant special stains and also understand basic knowledge about digital pathology (including remote reporting of intraoperative consult cases, as and when needed). The batch also visited the electron Microscope Facility which is equipped with JEM 1400 PLUS, a Transmission electron microscope (JEOL, Japan) functioning at 120kV with magnification up to 12,00,000 X and 0.2nm resolution where demonstrations of TEM operation, sample preparation techniques, and image analysis were conducted and how it is used for research and analysis of biological samples, nanoparticles and other applications. The Surgical Head and Neck Oncology unit provides holistic care with focus on rehabilitation, psychosocial integration in society and improvement in quality of life. Also how stereomicroscope help in diagnosis of potentially malignant disorders was also demonstrated

Overall Feedback Report:

The students were able to enhance their knowledge on cancer prevention and early detection through education, research and advocacy.

Dr. Shilpa Patel
(Prof & HOD)



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PHOTOGRAPHS



ACTREC STAFF MEMBER EXPLAINING VARIOUS TECHNIQUES PERFORMED IN PATHOLOGY LAB



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ACTREC STAFF MEMBER EXPLAINING IMMUNOHISTOCHEMICAL TECHNIQUES PERFORMED

NAME OF THE PARTICIPANTS

Sr. No	Name of the Participants	Sr. No	Name of the Participants
1.	Dr. Shilpa Patel	12.	Dr. Neelam Rajpal
2.	Dr. Jigna Pathak	13.	Dr. Anupama Warriar
3.	Dr. Niharika Swain	14.	Dr. Shreya Dalvi
4.	Dr. Rashmi Hosalkar	15.	Dr. Misbah
5.	Dr. Shraddha Ghaisas	16.	Dr. Manali
6.	Dr. Suresh	17.	Dr. Mehwish
7.	Dr. Yogita	18.	Dr. Dolly
8.	Dr. Ritesh	19.	Dr. Shreya
9.	Dr. Tejas Kale	20.	Dr. Shubham
10.	Dr. Aniket Patil	21.	Dr. Riya Patil
11.	Dr. Ritika Jaiswal		