



**MAHATMA GANDHI MISSION'S DENTAL
COLLEGE & HOSPITAL**

Accredited by NAAC with "A⁺⁺" Grade
Plot No. 1 & 2 Sector-01 (Old 18 & 19),
Kamothe, Navi Mumbai- 410209
E-Mail ID: mgmdch@mgmmumbai.ac.in



DEPARTMENT OF ORAL MEDICINE & RADIOLOGY



VALUE ADDED COURSE

ON

Topic: "Cone Beam Computed Tomography: Basics and Its Clinical Applications"

Date: 08/02/2024 & 09/02/2024

Venue: Lecture Hall 101

Time: 8:30am to 4:30 pm

VALUE ADDED COURSE PROGRAM SCHEDULE

Modules		Date and time
Module 1	Concept of imaging chain, Interactions of x rays with matter, Biologic effects of radiation, Principles of image detectors ,Technique , Difference in image formation between conventional, CBCT and CT Scan Selection criteria's for intraoral radiography, panoramic radiography and CBCT Regulations governing use of CBCT Image quality and structure visibility Why CBCT—Difference between 2D and 3D Images. 3D Anatomy of Head and Neck region	08/02/2024 8:30am to 11:30am
Module 2 Workshop	Understanding CBCT Image and Manipulations Various Modification Hands-on training of CBCT software	08/02/2024 11:30am to 1:30pm
Module 3	Use and indications of CBCT Field of view (FOV)	08/02/2024 2pm to 3 pm

VALUE ADDED COURSE PROGRAM SCHEDULE

Modules		Date and time
Module 4	Clinical applications in Dental Implantology-workshop	08/02/2024 3 pm to 4:30pm
Module 5	Clinical applications in Oral And MaxillofacialSurgery - workshop	09/02/2024 8:30am to 10:30am
Module 6	Clinical Applications in Endodontics	09/02/2024 10:30am to 12:30pm
Module 7	Clinical applications in Periodontics andOrthodontics	09/02/2024 1 pm to 3pm
Module 8	Assignments and Assessment	09/02/2024 3pm to 4:30pm