



**MANIPAL COLLEGE OF DENTAL SCIENCES
MANGALORE**

(Affiliated to Manipal Academy of Higher Education)



Course venue: **Manipal College of Dental Sciences,
Light House Hill Road, Mangalore**
Course fee: **INR 19,000** (inclusive of working Lunch on all 4 training days)

Contact Details

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Phone No: **0824-2428716(Extension 5650)**

Day 1

- ▶ Fundamental principles in digital imaging and CBCT
- ▶ Radiation Dose considerations in CBCT
- ▶ Demonstration of patient positioning in CBCT
- ▶ Demonstration of various FOV'S on CBCT machine

Day 2

- ▶ Lecture/Hands-on session on Multiplanar imaging and sectional anatomy
- ▶ Lecture /Hands-on session on CBCT imaging in Maxillofacial trauma
- ▶ Lecture /Hands-on session on CBCT in orthodontics
- ▶ Lecture /Hands-on session on CBCT in TMJ imaging

Day 3

- ▶ Lecture/Hands-on session on CBCT in implant planning
- ▶ Lecture /Hands-on session on 3D surgical planning for implants using CBCT
- ▶ Lecture /Hands-on session on 3D printing of surgical models

Day 4

- ▶ Lecture/Hands-on session on CBCT in endodontics
- ▶ Artifacts in CBCT imaging
- ▶ Interpretation and art of reporting a CBCT image
- ▶ Exercise on reporting of selected cases by candidates
- ▶ Valedictory function

Timing - 9:30 am to 4.00pm

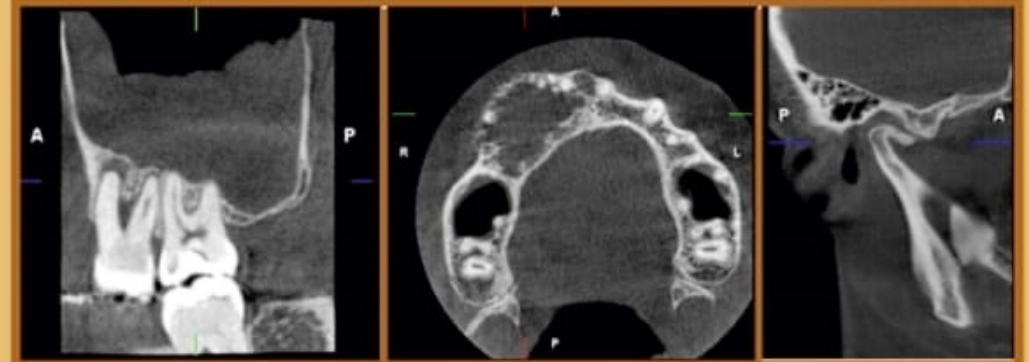
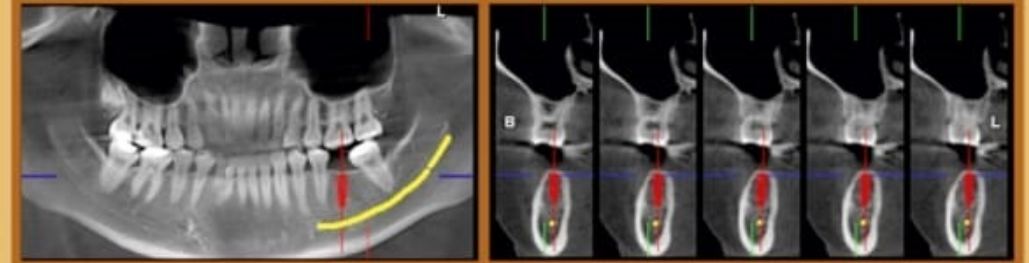
Please note: There will be formative assessment for the candidates at the end of each day

CERTIFICATE COURSE IN CONE BEAM COMPUTED TOMOGRAPHY





- The advent of 3D imaging has revolutionized the diagnosis of the Maxillofacial region, right from diagnosis and treatment planning to prognosis.
- CBCT has proven its importance in the field of implant dentistry, endodontics, evaluation of trauma, extent of various cysts/tumours and orthodontics to name a few.
- A comprehensive 4 day program designed to provide strong fundamental understanding and advanced knowledge and skill in CBCT imaging and its Clinical Applications.
- This tailor-made course for post graduates, specialists and general practitioners is aimed at a comprehensive training of dental professionals to understand the fundamentals & working principles and undergo a hands-on experience on an advanced CBCT Machine which shall adequately equip them to face any future challenges.



RESOURCE PERSONNEL

COURSE AIM

To render a quality based education in 3D Radiology through the comprehensively configured CBCT machine and its advanced software application, so that core competence will be enhanced in these candidates towards better diagnosis and patient management.



OBJECTIVES

- To train participants in advanced multi planar imaging which will enhance their competence in diagnosing challenging maxillofacial pathologies.
- To improve skill and quality of work and provide opportunity to deliver enhanced professional care.

ADVISOR

Dr. Ashitha Uppoor, Dean & Professor of Periodontology

COURSE COORDINATOR

Dr. Junaid Ahmed
Professor, Oral Medicine and Radiology

COURSE FACULTY

Dr. Ravikiran Ongole	Professor and HOD	Oral Medicine and Radiology
Dr. Ceena Denny E	Associate Professor	Oral Medicine and Radiology
Dr. Nandita Shenoy	Associate Professor	Oral Medicine and Radiology
Dr. Nanditha Sujir	Associate Professor	Oral Medicine and Radiology
Dr. Archana M	Senior Lecturer	Oral Medicine and Radiology

GUEST FACULTY

Dr. Hemant Mathur	Professor	Oral Medicine and Radiology
		Pacific Dental College and Hospital, Udaipur