

Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University)

Accredited (3rd cycle) by NAAC with a CGPA of 3.64 on four-point scale at 'A++'Grade (An ISO 9001:2015 and 14001:2015 Certified University)

CERTIFICATE COURSE COMPLETION REPORT (BATCH 1)

Organizer	Department of Oral Medicine and Radiology, Dr. D. Y. Patil	
	Dental College and Hospital, Dr. D. Y. Patil Vidyapeeth, Pune	
Event Title	CERTIFICATE COURSE IN CONE BEAM COMPUTED	
	TOMOGRAPHY (CBCT)	
Venue	ERP (ONLINE COURSE)	
Participating group	Post-graduate students, Dental Teaching staff and Private	
	dental practitioners at state and national level	
Number of participants	9	
Course Chairman	Dr Sunil S Mishra	
Course Coordinators	Dr. Anuj Paul Maini, Dr. Amita Aditya	
Technical support	IT department (DPU)	
Batch	1st	
Date of initiation of Course	10 th December 2024	
Date of completion of Course	10 th January 2025	
Valedictory function	15 th April 2025	
Registration fees	Rs. 20,000/-	

Dr Sunil S Mishra

Course Chairman

Dr D Gopalakrishnan

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BROCHURE AS DISPLAYED ON ERP

PROGRAM **DETAILS**



Module 1: DE.CBCT-01

Contact Module- 2 credit

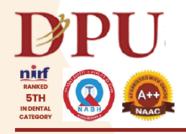
Understanding theoritical concepts of CBCT (37 hours theory + group discussion/assignments)-2 credits



Module 2: DE.CBCT-02

Online Module- 2 credits

25 days of online training with CBCT case discussion (8 hours per week x 4 weeks- 32 hours)



VENUE:

Dr. D. Y. Patil Vidyapeeth (Deemed to be University)

Dr. D. Y. Patil Dental College and Hospital

Sant Tukaram Nagar, Pimpri, Pune - 411018 India Dr. D. Y. Patil Dental College and Hospital
DEPARTMENT OF ORAL MEDICINE AND
RADIOLOGY
PRESENTS

CERTIFICATE COURSE

ON

CONE-BEAM COMPUTED TOMOGRAPHY (CBCT)

Course Code- DE.CBCT
Total credit points- 4 credits



Duration of Programme:

1 Month

Contact Mode (5 days) Online Mode (20 days) Post-Course Test (1 day)



Programme objective:

This is a 1-month blended professional development program designed to enable the participants to acquire the knowledge and skill on CBCT scan evaluation and reporting. The program also focuses on the concepts of digital dentistry and will allow the participants to create one surgical template for an implant case.





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Our **PATRONS**



Hon. Dr. P. D. Patil Hon'ble Chancellor Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University)



Dr.(Mrs) Bhagyashree P. Patil Hon'ble Pro-Chancellor Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University)



Prof. (Dr.) N. J. Pawar Hon'ble Vice-Chancellor Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University)



Dr. (Mrs.) Smita Jadhav Hon'ble Pro-Vice-Chancellor Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University)



Dr. D. Gopalakrishnan
Dean, Dr. D. Y. Patil Dental College &
Hospital, Dr. D. Y. Patil Vidyapeeth,
Pune (Deemed to be University)

COURSE MENTORS



Dr. Sunil S. Mishra Professor & Head M.D.S. (Oral Medicine and Radiology)



Dr. Amita Aditya Professor M.D.S. (Oral Medicine and Radiology)



Dr. Santosh Mastud Associate Professor M.D.S. (Oral Medicine and Radiology)



Dr. Vaibhavi RautAssistant Professor
M.D.S. (Oral Medicine and Radiology)



Dr. Trupti GaikwadAssistant Professor
M.D.S. (Oral Medicine and Radiology)



Dr. Anuj Paul Maini Professor M.D.S. (Oral Medicine and Radiology)



Dr. Pallavi Channe Associate Professor M.D.S. (Oral Medicine and Radiology), Ph.D.



Dr. Shraddha Jugade Assistant Professor M.D.S. (Oral Medicine and Radiology)



Dr. Surabhi Ausare Assistant Professor M.D.S. (Oral Medicine and Radiology)



Dr. Lavanya Pawar Assistant Professor M.D.S. (Oral Medicine and Radiology)



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Dr. Eswar Nagaraj Adjunct Professor, DPU M.D.S. (Oral Medicine and Radiology)



Dr. Priyam Aditya M.D.S. (Prostho) IPS-Pune, President Topic- Digital Dentistry

COURSE CO-ORDINATOR-DR ANUJ PAUL MAINI +91-7973358337



BVP Dental College, Pune

Dr. Vinod VC

Dr. Amit Mhapuskar

Professor & Head,



LEARN FROM THE BEST



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COURSE CONTENT **MODULE-1 (2 CREDITS)**

DAY1

Origin of CBCT Basics of CBCT CBCT Machine selection factors

DAY 3

Principles of

Interpretation of

CBCT

Jaw Pathology

Endo analysis

Ortho & Perio

analysis

DAY 2

Anatomy on CBCT Hands on session- software handling (i-CAT, Carestream, Planmeca)

DAY 4

CBCT in Implant planning Digital Dentistry (including IOS, implant planning, 3D printing of stent)

DAY 5 Artefacts in

CBCT and their corrections Components of **CBCT Report** Report writing of various entities



MODULE-2 (2 CREDITS)

25 DAYS OF ONLINE TRAINING FEATURING DISCUSSIONS ON CBCT CASES.

EXAMINATION AND EVALUATION METHOD

- MINIMUM 75% ATTENDANCE (3 CREDITS) IS MANDATORY FOR APPEARING FOR EXAMS.
- PART 1- MCQS BASED TEST 100 MARKS CONDUCTED ONLINE USING GOOGLE FORMS WITH AUTOMATED ASSESSMENT).
- PART 2- LIVE CBCT REPORTING OF 5 CASES-100 MARKS.
- PASS PERCENTAGE IS 50 % IN BOTH THEORY AND PRACTICAL.





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www.dental.dpu.edu.in



omdr.dental@dpu.edu.in



ENQUIRY FORM

PARTICIPANTS SHOULD GET THEIR LAPTOP FOR MODULE 1 PREFERABLE CONFIGURATION: 8-16GB RAM, 6GB GRAPHICS



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COURSE SCHEDULE

Module-1 (Recorded lectures)

Day 1: 10/12/2024

Time	Торіс	Speaker
8:00-9:30	Ice-breaking session, pre-session test	Dr. Amita Aditya
9:30-10:30	Origin of CBCT	Dr. Lavanya Pasalkar
11:00-13:00	Basics of CBCT	Dr. Anuj Paul Maini
13:00- 13:45	CBCT Machine selection factors	Dr. Vinod VC

Day 2: 11/12/2024

Time	Торіс	Speaker
8:30-11:00	Anatomy on CBCT	Dr. Shraddha/ Dr. Sunil
11:00- 14:00	Hands on session software handling I-CAT software Carestream software Planmeca Software	Dr. Sunil Mishra Dr. Amit Mhapuskar Dr. Nithin Thilak

Day 3: 12/12/2024

Time	Topic	Speaker
8:30-9:30	Principles of Interpretation of CBCT	Dr. Surabhi Ausare
9:30-11:30	Oral and maxillofacial pathology	Dr. Amita Aditya
11:30-12:30	CBCT in endodontic assessment	Dr. Vaibhavi Raut
12:30-13:30	CBCT in orthodontic assessment	Dr. Trupti Gaikwad
13:30-14:30	CBCT in periodontal assessment	Dr. Pallavi Channe

Day 4: 13/12/2024

Time	Торіс	Speaker
8:30- 10:00	CBCT in Implant planning	Dr. Sunil Mishra
10:00-13:00	Digital Dentistry (including IOS, implant planning, 3D printing of stent)	Dr. Priyam Aditya
13:00 - 14:30	Artefacts in CBCT and their corrections	Dr. Pallavi Channe

Day 5: 14/12/2024

Time	Торіс	Speaker
8:30- 10:30	Demonstration of Dolphin software	Dr. Asmita Kharche
10:30-12:30	How to write CBCT Report	Dr. Sunil/Dr. Anuj
12:30- 14:30	Report writing of few entities	Dr. Sunil/Dr. Anuj



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Module-2 (2 Credits)

1 Month Online Training With CBCT Case Discussion

Examination and Evaluation Method

- Minimum 75% Attendance (3 Credits) is Mandatory for Appearing for Exams.
- Part 1- Mcqs Based Test 100 Marks (Conducted Online Using Google Forms With Automated Assessment)
- Part 2- Live Cbct Reporting of 5 Cases- 100 Marks
- Pass Percentage is 50 % in Each I.e. Theory And Practical and in Aggregate

Important Dates:

- 16/12/24 to 21/12/24 5 assignments based on implant planning
- 23/12/24 to 28/12/24 5 assignments based on interpretation of endodontic cases
- 30/12/24 to 04/01/25 5 assignments based on interpretation of pathology

Instructions:

- The assignments will be shared on website with the registered candidates on 14/12/24, 21/12/24 and 27/12/24.
- The candidate will have to submit the CBCT report (word/PDF document) of the given assignment for the day by 8pm along with their queries and questions.
- The discussion of the submitted CBCT report will be taken as follows:

Date of discussion	Topic of discussion
17/12/24	Discussion of the assignment dated 16/12/24, along with the questions and queries submitted online related to the assignment.
18/12/24	Discussion of the assignment dated 17/12/24, along with the questions and queries submitted online related to the assignment.
19/12/24	Discussion of the assignment dated 18/12/24, along with the questions and queries submitted online related to the assignment.
20/12/24	Discussion of the assignment dated 19/12/24, along with the questions and queries submitted online related to the assignment.
21/12/24	Discussion of the assignment dated 20/12/24, along with the questions and queries submitted online related to the assignment.



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Date of discussion	Topic of discussion
24/12/24	Discussion of the assignment dated 23/12/24, along with the questions and queries submitted online related to the assignment.
25/12/24	Discussion of the assignment dated 24/12/24, along with the questions and queries submitted online related to the assignment.
26/12/24	Discussion of the assignment dated 25/12/24, along with the questions and queries submitted online related to the assignment.
27/12/24	Discussion of the assignment dated 26/12/24, along with the questions and queries submitted online related to the assignment.
28/12/24	Discussion of the assignment dated 27/12/24, along with the questions and queries submitted online related to the assignment.

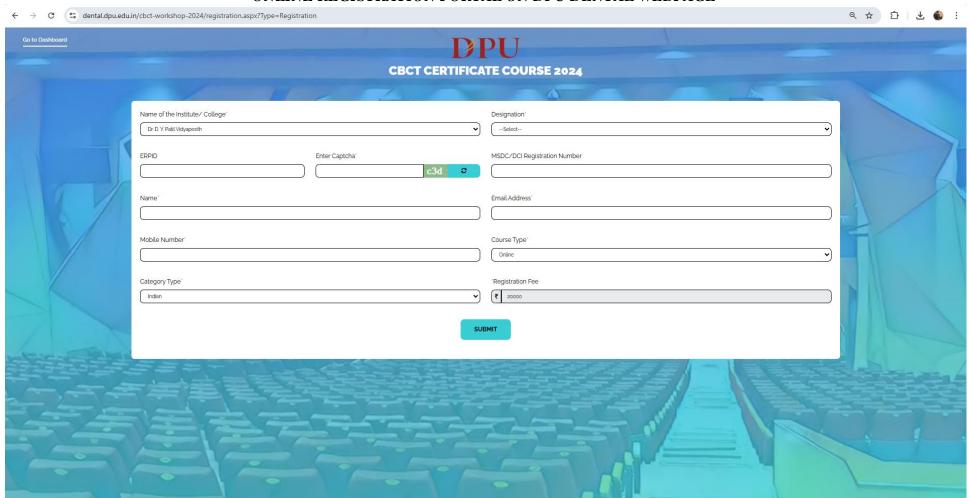
Date of discussion	Topic of discussion
31/12/24	Discussion of the assignment dated 30/12/24, along with the questions and queries submitted online related to the assignment.
01/1/25	Discussion of the assignment dated 31/12/24, along with the questions and queries submitted online related to the assignment.
02/1/25	Discussion of the assignment dated 01/1/25, along with the questions and queries submitted online related to the assignment.
03/1/25	Discussion of the assignment dated 02/1/25, along with the questions and queries submitted online related to the assignment.
04/1/25	Discussion of the assignment dated 03/1/25, along with the questions and queries submitted online related to the assignment.



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ONLINE REGISTRATION PORTAL ON DPU DENTAL WEBPAGE

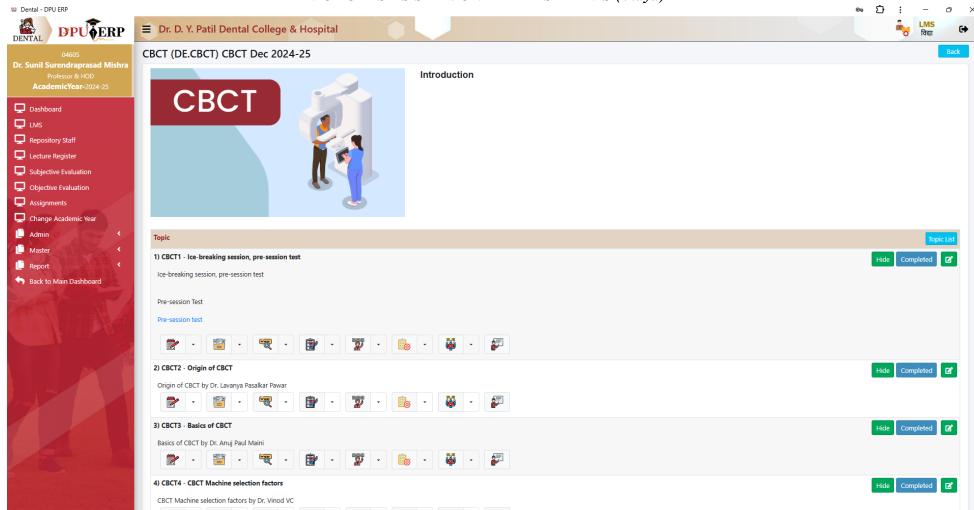




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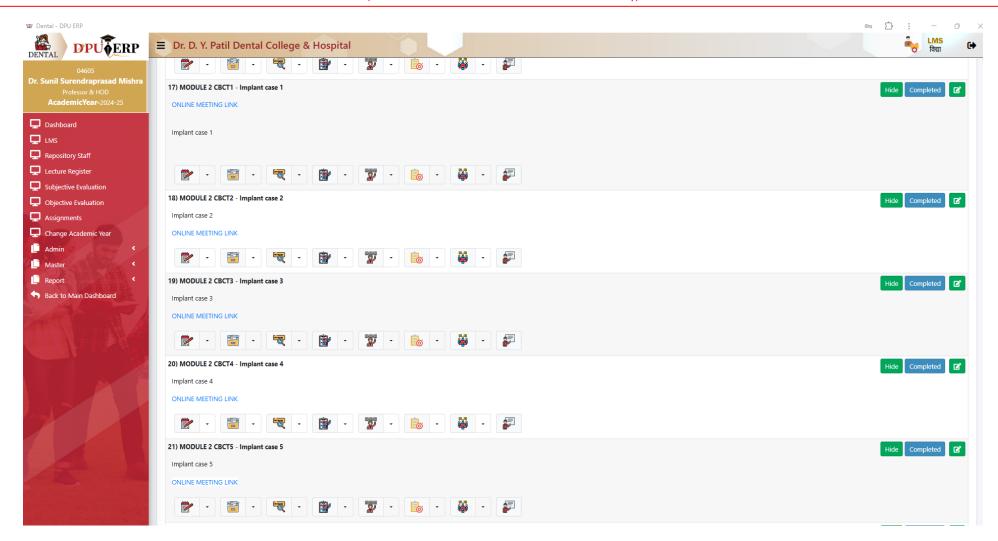
MODULES AS SEEN ON ERP BASED LMS (Vidya)





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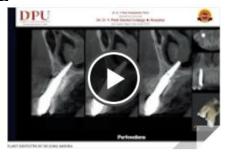
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RECORDED LECTURES UPLOADED ON DPU YOUTUBE CHANNEL







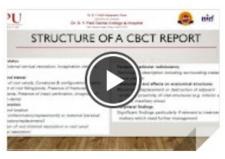




























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Introduction

The Department of Oral Medicine and Radiology successfully conducted the Certificate Course in Cone Beam Computed Tomography (CBCT) from 10th December 2024 to 10th January 2025. This structured course was designed to enhance the theoretical knowledge and practical competence of dental professionals in CBCT technology, interpretation, and its application in clinical dentistry.

Objectives of the Course

- To impart foundational and advanced knowledge of CBCT imaging.
- To develop skills for image acquisition, reconstruction, and interpretation.
- To understand the clinical relevance and limitations of CBCT in dental practice.
- To promote radiation safety and adherence to ethical standards in imaging.

Participants:

S. no.	Name of participant	Designation
1	Dr. Dhanvarsha Dhanraj Sarwade	PG student
2	Dr. M. Rukmini Jyothirmayee	Periodontist
3	Dr Renu Singh	Oral Medicine and Radiology specialist
4	Dr. Shaikh Nida Md Yusuf	Oral Medicine and Radiology specialist
5	Dr. Sindhu P	Oral Medicine and Radiology specialist
6	Dr.Avinash L.Kashid	Oral Medicine and Radiology specialist
7	Dr. Rakshanda Khalil Panari	PG student
8	Dr Akriti Agrawal	Oral Medicine and Radiology specialist
9	Dr. Krishna Satpathy	Oral Medicine and Radiology specialist



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Valedictory Ceremony

The *Valedictory Ceremony* was conducted online on 15th April 2025. It was graced by the presence of the Head of Institution, course coordinators, faculty members, and participants. The event included:

- A welcome address and course summary by the Course Chairman.
- Feedback from participants expressing appreciation for the course structure and content.
- Awarding of *Certificates of Completion* to eligible participants.
- Concluding remarks by the Course Coordinator, emphasizing the role of CBCT in advancing diagnostic capabilities in dentistry.

Conclusion

The *Certificate Course in CBCT* concluded successfully, achieving its educational objectives and receiving positive feedback from participants. It is anticipated that such programs will continue to contribute to the professional development of dental practitioners and the safe, effective use of advanced imaging technologies.



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CERTIFICATES OF PARTICIPANTS





PPU

Dr. D. Y. PATIL DENTAL COLLEGE AND HOSPITAL

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