



SDM
College of Dental Sciences
& Hospital



SHRI
DHARMASTHALA
MANJUNATHESHWARA
UNIVERSITY

FUNDAMENTALS OF DIGITAL DENTISTRY A COMPREHENSIVE COURSE



Next Batch Admission Opens
06th to 11th April 2026

Admissions Open Now



✉ sdmdentalcourses@sdmuniversity.edu.in
principal@sdmcdsh.edu.in

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🌐 <https://www.sdmcds.org/>

INTRODUCTION:

The Digital Revolution is encompassing the whole world, and dentistry is no exception. "Digital Dentistry" can be defined broadly as any dental technology or device that incorporates the digital or computer-controlled components in contrast to that of the electrical or mechanical alone. Digital Dentistry stands as an umbrella term inclusive majority of areas with digital application based aspects like CAD/CAM and intraoral imaging (both laboratory & clinician-controlled) Caries diagnosis; Computer-aided Implant dentistry (design and fabrication of surgical guides); Digital Radiography intraoral and extraoral, including Cone Beam Computed Tomography (CBCT); Electric and surgical/implant handpieces; Lasers; Occlusion and TMJ analysis and diagnosis; Photography (extraoral and intraoral); Practice and patient record management (digital patient education as well as Shade matching). The course curriculum is designed for the clinicians to gain a comprehensive aspects & applications of various digital aspects in dentistry. The course spans over period of 6 days.

GOALS & OBJECTIVES:

- To understand the intraoral and extraoral scanners independently in their patients.
- Understand the fundamentals of advantages and disadvantages of digital technology
- Evaluation of software to analyze the quality of their work as it relates to operative dentistry, fixed restorations and implant prosthesis.
- To be competent in executing the fixed prosthodontics treatment using intraoral scanner, designing the restoration and mill or print the same.
- To understand the 3D printing technology applications in dentistry
- To understand the full arch implant digital work flows.

INTAKE OF CANDIDATES: 06

COURSE DURATION: 6 Days (Monday to Saturday)

Option of Splitting into Two Modules of 3 Days can be considered based on the each candidates' request

ELIGIBILITY OF ADMISSION:

The candidate should have a primary dental qualification from the recognized institution. The basic degree one should have BDS degree or any equivalent degree for overseas candidates. This course is only for the clinicians. Fresh Graduates can also apply.

ELIGIBILITY OF ADMISSION:

The candidates who are eligible as per above can register. The seats allotment will be done first come first serve basis. Please call the admission cell for more details @ 9513235522 or email: administration@sdmucdsh.edu.in

The participants have to get the gaming laptop with mouse mandatory for the course.



SCHEME OF EXAMINATION:

At the end of the course in the 3rd Module there will be an evaluation. A practical assessment and MCQ exam would be conducted for all candidates carrying 100 marks total. A minimum of 50% is required consider a candidate for successful completion of the course in aggregate both MCQ and practical included. MCQ Exam will be comprising of 50 Marks and Practical assessment will be 50 Marks.

SCHEME OF EXAMINATION:

After successful completion of examination, the candidate will be awarded with a certification of completion by SDM University on Fundamentals of Digital Dentistry.

COURSE SYLLABUS:

DAY 1:

- Opening Ceremony
- Introduction to Digital Dentistry
- Intra Oral Scanning for Teeth. Strategies and digital workflows. Review of scanners.
- Preparation of tooth for a receiving a crown, Designing and restoring the same with a crown. (If patients are available then on Patients or Typodont Teeth)

DAY 2:

- Digital Photography for Smile Designing
- Digital Smile Designing.
- Designing and 3D Printing of a Temp Bridge

DAY 3:

- Interpretation of CBCT
- Digital Implant Planning
- Hands-on implant planning and surgical guide fabrication.
- Dual Scan Protocol for full arch case planning
- Fabrication of Surgical Guides

DAY 4:

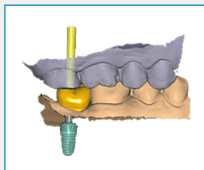
- Scanning protocol for Dental Implants
- Exocad Designing of Screw Retained Crown to full arch restorations (Overview)
- 3D Printing of the Crown and Fitting on the Model
- Full arch case scanning and Designing BAR on Exocad

DAY 5:

- Aligners- Planning and Overview
- T Scan- To identify the Occlusal Error
- Digital Dentures Designing
- Examination

DAY 6:

- Demo of Designing of Kois Deprogrammer
- Use of Virtual Articulator
- Discussion
- Certification



Course Fees: INR 50,500/-

Course Fees includes all the materials used for the Demo and Hands-on. Lunch on all days and high tea for the course days.

SUCCESSFULLY COMPLETED IN PREVIOUS BATCH



Chief Patron

Poojya Shri D. Veerendra Heggade
Hon'ble Chancellor
Shri Dharmasthala Manjunatheshwara University

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Dr. Niranjan Kumar
Vice Chancellor
Shri Dharmasthala Manjunatheshwara University

Smt. Padmalatha Niranjan
Member, Board of Governors
Shri Dharmasthala Manjunatheshwara University

Shri Saketh Shetty
Director Administration
Shri Dharmasthala Manjunatheshwara University

Dr. Balaram Naik
Principal
SDM College of Dental Sciences & Hospital

Course Faculty



Dr. Harikesh Rao
Prof. & HOD
Dept of Prosthodontics



Dr. Satyabodh S. Guttal
Professor
Dept. of Prosthodontics



Dr. Roseline Meshramkar
Prof. Dept. of Prosthodontics
Course Co-ordinator



Dr. Aishwarya Bhat
Associate Professor
Dept. of Prosthodontics



Dr. Lata Mushannavar
Associate Professor
Dept. of Prosthodontics



Dr. Priyanka Mahale
Additional Associate Professor
Dept. of Prosthodontics

Course Guest Faculty

Dr. Vijay Trasad
Professor,
Dept of Pedodontics

Dr. Anand Tavargeri
Professor,
Dept of Pedodontics

Dr. Atul Sattur
Professor, Dept of Oral Medicine
& Radiology

Dr. Mahantesh Yeli
Professor, Dept of Conservative
Dentistry & Endodontics

Dr. Kruthika Guttal
Professor, Dept of Oral Medicine
& Radiology

Dr. Anupama Jain
Associate Professor
Dept of Orthodontics

Dr. Priyanka Mahale
Additional Associate Professor
Dept. of Prosthodontics