



Dr. Sampath Kumar

MDS (Prosthodontics)

Diplomate of WCOI

*More than 20 years of
experience in
Oral Implantology*



Hair • Laser • Cosmetic • Dental

GRACE DENTAL AND IMPLANT ACADEMY



**In-house CBCT &
intraoral scanner**

Where?

**Grace Dental Clinic
(In-house Lecture Hall),
Kolhapur**



**Mastering
Implant
Prosthodontics**

GRACE DENTAL & IMPLANT ACADEMY,
223/E, Tarabai Park, Opp. Kiran Bungalow,
Kolhapur, Maharashtra - 416003.
Email: cbctgrace@gmail.com
Phone: (0231) 2652616

Course Coordinator:

Mr. Santosh: +91 9923562474

+91 9284345031



Course Overview

This advanced course is designed to enhance participants' knowledge and clinical skills in implant prosthodontics, focusing on evidence-based treatment planning, advanced impression techniques, prosthetic options, and occlusion of implant-supported prostheses.



Advanced Concepts & Treatment Planning

1. Biomechanical considerations

- Biomechanical considerations in load distribution
- Prosthetically driven implant placement concepts
- Interdisciplinary treatment planning (prosthodontics-periodontics-oral surgery orthodontics)
- CBCT intervention from a prosthodontic perspective
- Implant number, position, and angulation

2. Implant Prosthetic Components

- Implant systems and prosthetic components
- Abutment types: prefabricated, customized, and CAD-CAM abutments
- Temporary abutments and provisional prostheses
- Selection criteria for abutments in esthetic and functional zones

3. Impression Techniques in Implant Prosthodontics

- Conventional vs digital impressions
- Open tray and closed tray impression techniques
- Accuracy considerations in single vs multiple implant impressions
- Common errors and troubleshooting

4. Provisionalization in Implant Prosthodontics

- Role of provisional restorations in soft tissue shaping
- Emergence profile development
- Provisional materials and fabrication techniques

Advanced Prosthetic Options

1. Implant-Supported Prostheses

- Single-tooth implant restorations
- Screw vs cement retained prosthesis
- Implant-supported fixed partial dentures
- Full-arch implant prostheses:
 - I. Hybrid prostheses
 - II. Screw-retained fixed complete dentures
- All on 4/all on 6 concepts
- Prosthetic considerations for tilted implants
- Verification jig and try in protocols
- Overdentures: bar-retained and stud-retained systems

2. Occlusion in Implant Prosthodontics

- Principles of implant occlusion
- Differences between natural tooth and implant biomechanics
- Occlusal schemes for implant-supported restorations
- Occlusal adjustment and maintenance

3. Esthetics in Implant Prosthodontics

- Pink esthetics and soft tissue management around implants
- Papilla preservation and emergence profile
- Implant placement in the esthetic zone
- Material selection for esthetic outcomes (zirconia, lithium disilicate, PFM)

4. Introduction to Digital Implant Workflow

- Intraoral scanning for implants
- CAD-CAM prosthesis design
- Guided prosthetic solutions

5. Case Discussions & Clinical Decision Making

- Presentation of advanced clinical cases
- Step-by-step prosthetic workflow analysis
- Decision making in complex implant cases
- Interactive discussion and problem-solving



LIVE DEMONSTRATION

- Placement of multiunit abutments
- Full arch impression making
- Jaw relation in Full Mouth patients
- Framework trial
- Bisque trail

HANDS-ON (on models by participants)

- All on 4 implant and abutment placement

Course Outcomes

By the end of the program, participants will be able to:

- Perform advanced prosthetic treatment planning for implant cases
- Select appropriate impression techniques and prosthetic components
- Manage esthetic, occlusal, and biomechanical challenges
- Identify & manage implant prosthetic complications
- Implement evidence-based maintenance protocols



Currently we are offering residency dental implant training program. Participants will place 15 implants on patients during the one month program. Training will include Implant placement to prosthetic phase. 