

Course Overview

The Interdepartmental Course of Laser offers a chance to learn this latest and sophisticated way of performing dentistry under an expert staff of Periodontics department of MIDSR Dental College Latur.

This online course helps you realize the full potential of diode laser dentistry. Learn laser physics basics, safety, and practice management for diode lasers at your own pace. Course recommended for undergraduates, post graduates and clinicians.

This two-day hands-on training course will provide a more in-depth understanding for advanced techniques and procedures in laser periodontics, including: various laser therapies with attention to both the perio-restorative, perio-pathology and various surgical uses. Participants will review anecdotal and science resources from crown lengthening procedures to treatment of periodontitis. Additionally, participants will explore case reports demonstrating success along with clear contraindications.

At the conclusion of this course, clinicians will have gained the knowledge, technique, and insights to effectively manage the growing disease states in their practice.

Course Coordinator: Dr Bhandari Vishnudas, Dr Omkumar Baghele, Dr. Gauri Ugale, Dr Raghavendra Metri,
Dr. Mukesh Aradle

Level: - Certificate course

Type: - Online lectures, Live Hands On demonstration And Live surgeries.

Course Duration; Multi Module Course: 16 hours

Eligibility: Under graduates, Post Graduates and Clinicians

Intake: 25 students

Fees: 1500 rupees

Venue: Speciality Clinic MIDSR Dental College, Latur.

Aims and Objectives

Aim

To help students and clinicians to expertise in the field of lasers so that they can diagnose, plan and perform all the indicated surgeries of lasers in dentistry.

- To acquaint students with necessary knowledge right from the basics to advance.
- To provide them with knowledge so that they are confident enough to choose and practice laser of one's own choice
- Course offers to know about all the research that has taken place till date, along with the areas where research is going on and also, about arena where research still needs to land

Objective

Skill Based –

- Participants will be eligible to diagnose the case, plan the treatment indicative of LASERS and perform them with full knowledge and skill attained in the field of soft and hard tissue laser in dentistry.
- Skilled to avoid any form of complication and well trained to manage any iatrogenic mishap if any happens.

Knowledge Based –

- Participant will have entire knowledge right from the laser basics, machinery, laser physics to laser interaction and safety.
- They will be well versed with the protocols for all the indicative procedures performed with lasers in dentistry.
- They will be updated with all the recent researches pertaining to lasers in dentistry and their future scope.
- They will have all necessary knowledge to incorporate lasers into their practice immediately.

Learning Resources:

1. PPT'S
2. E Books
3. Notes
4. Online lecture Videos

	Procedure		Senior Lecturer
2	<p>Application of Soft Tissue Laser –</p> <ul style="list-style-type: none"> • Application in Oral medicine • Application in Periodontics • Application in Pedodontics • Application in Endodontics • Application in Prosthodontics • Application in Oral Surgery • Application in Orthodontics • Application in Aesthetic Dentistry • Application in Implantology 	<p>15th September</p> <p>Time: 10am-01pm</p>	<p>Dr. Omkumar Baghele Professor</p>
	<p>Live surgeries (Gingivectomy & gingivoplasty, Crown lengthening procedure, Depigmentation, Frenectomy)</p>	<p>Time: 2pm-05pm</p>	<p>Dr Vishnudas Bhandari Dr. Omkumar Baghele Dr. Gauri Ugale Dr. Raghvendra Metri</p>



Certificate Proforma

MAHARASHTRA INSTITUTE OF DENTAL SCIENCES AND RESEARCH

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

DR.....

HAS SUCCESSFULLY COMPLETED COURSE ON

LASER

ON 2020/21 HELD AT

MAHARASHTRA INSTITUTE OF DENTAL SCIENCES AND RESEARCH

LATUR

DR.....

ORGANIZING CHAIRMAN

DR.....

ORGANIZING SECRETARY

LIST OF EQUIPMENTS AND INSTRUMENTS

List of Equipments:

1. Complete dental chair with X-ray unit
2. Basic surgical kit
3. Autoclave
4. Hot air oven
5. Adequate audiovisual equipment for documentation required
6. Digital camera for photography

List of Instruments:

1. Laser Unit (Biolase)
2. Periodontal probe
3. Tweezers
4. Kidney tray
5. Surgical tray
6. Fine periosteal elevator
7. Austin's retractors
8. Curved artery forceps
9. Allis tissue holding forceps
10. Scissors
11. Towel chips
12. Surgical drapes
13. Surgical gloves
14. Protective eye glasses