

Laser Applications in Dentistry

Formación continua



Modalidad  
Semi-presencial



Del 01/06/2020  
al 01/02/2021



150 horas



PDF  
Curso



Información  
de Matrícula



1000€

PRESENTATION

Laser technology is an emerging science in the dental field. The course aims to explain the physical foundations of laser technology as well as its applications.

GENERAL DATA

**Duration:** 150 hours (15 ECTS credits)

**Modality:** Blended

**Date and time:** The Schedule will be informed by the course director after registration.

**This course will take place in** India

**Contact phone:**

Spain +964 38 72 09/12

India +91 8095253300 (WhatsApp)

**Title / Diploma obtained:** Continuous training by the Universitat Jaume I

RECIPIENTS

All the students will have to have a dentist's degree

OBJECTIVES

- To provide students with the confidence and ability to enhance their current clinical practice by incorporating the latest advances in technology and research in the use of lasers in dentistry.
- To provide an innovative program which enhances current knowledge and clinical skills in laser use in dentistry.
- To present sound academic theory and high quality practical training by mentors.
- To deliver learning using the latest technology enabling students to access the course, while maintaining their commitment to their clinical practice.

## PROGRAM

- Fundamentals of Lasers physics in Dentistry
- Laser tissue interaction
- Laser safety
- Low level laser use
- Laser use with soft tissue
- Laser use in periodontology
- Laser use with hard tissue
- Laser use in endodontics
- Laser use in implantology
- Peri oral Aesthetics in dentistry
- Case Studies

## METHODOLOGY

The course will be carried out mainly through theoretical classes. Candidates can opt for hands on sessions with the faculty if desired. Submission of 3 Finished cases with complete documentation is required for receiving the Diploma

## EVALUATION

The course will be evaluated by taking an online exam and presenting cases by the students.

## TEACHING STAFF

### Dr. Raúl Izquierdo Escrig - Director



BSc. Jaume I University (Chemical Engineering).  
MSc. Polytechnic Univ. of Valencia (Chemistry-Physics of Polymers).  
PhD. Jaume I University (Porous Polymeric Biomaterials).

His research activity is mainly related to the design and development of novel materials and/or processing routes, useful in fields like coatings and paintings, biomedical devices of food packaging.

### Dr. Julio José Suay Antón - Associate Director



Industrial Engineer, PhD. In Engineering, Universidad Politécnica de Valencia.

Full Professor of the Universitat Jaume I. Department of Industrial Systems Engineering and Design.

Established Medco (spin-off company of the University of Castellon) engaged in the development of anticorrosive pigments and coatings formulation.

Coordinator and director of PIMA, Polymers and Advanced Materials research group, taking part in the researches of the Biomaterials Center.

His research is mainly focused in three fields: the development of functional coatings for biomedical applications (dental implants), research in implants osteointegration by proteomics and the use of electrochemistry as a tool for formulating anticorrosive pigments.

Head of GMI-Ilerimplant Dental Science chair since 2017.

### Dr. Sibi Xavier - Director Practices

He founded in 1998 the first dental magazine of India, Indian Dentist Research, and Review. He is actively involved in organizing dental events, continuing dental education programmes and has been publishing Dental Monthly Indian Dentist Research and Review for the past 18 years.



He has completed BDS from Govt. Dental College Kozhikode and MDS in Periodontics from Sri Siddhartha Academy of Higher Education Karnataka India.

#### Dr Premila Suganthan - Course Director



Dr. Premila Suganthan, has graduated from RMDC&H, Annamalai University, Chidambaram in 1994. She has over 25 years of private practice in Mumbai and Chennai . Her specialization includes Cosmetic , Implant and Laser Dentistry. She has a Masters in Laser Dentistry(MSc) from University of Genova, 2013-2014 She is on the panel of Peer review board for LASER IN MEDICAL SCIENCE and also on the National editorial board for the International journal of Laser dentistry , an official publication of IALD and also the Associate Editor for the international journal of laser dentistry. She has several on-going research projects currently and several papers due for published specializing on the usage of hard tissue lasers.

#### Dr. Nilima Sibi Thottumkal – Course Coordinator



Dr Nilima Sibi Thottumkal completed her bachelors in dentistry in 2015 from Rajiv Gandhi university of health sciences. Being a frontline worker, she always wanted to contribute as much as possible to the community and received her Masters in Public Health from Western university, Canada in 2018.

#### D. Francisco Romero



Chemical Engineer, MsC. of Science Technology and Applications of Ceramic Materials, Universitat Jaume I.

Chemical Engineer in department of Industrial Systems Engineering and Design at Universitat Jaume I.

Started as a researcher through a fellow collaboration of the Ministry of Education and Science of Spain, followed by various research grants in the Department of Engineering in Industrial Systems and Design, working in the same university, where he acquired experience in the development of biomaterials and respective characterization techniques.

Research activity focused on the surface modification of dental implant through osteoinductive coatings and the development of new methodologies for biomaterial designing, based on the study of implant-tissue interactions using proteomics.

### INFORMACIÓN DE LA MATRÍCULA

#### REGISTRATION AMOUNT

1000 €

#### NECESSARY DOCUMENTATION

- Scanned pages of 1<sup>st</sup> and last pages of Passprt.
- Passport Size Photograph soft copy.
- Scanned copy of Dental Degree Certificate
- Payment receipt

#### Account number to make the

deposit : (name, surname and course) ES64 2100-4236-14-2200003795 (La Caixa)

#### How and where do you have to deliver the documentation?

1. In person at the FUE-UJI in Castellón (Universitat Jaume I)
2. Via email at [formacion@fue.uji.es](mailto:formacion@fue.uji.es)
3. Via fax at 964 387010

#### More information

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empresas y entidades



# Contacta con nosotros

te ayudamos a encontrar lo que necesitas



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