

# FELLOWSHIP PROGRAM IN LASERS

OF DENTAL SCIENCES, DAVANGERE IN ASSOCIATION WITH UNIVERSITY OF GENOVA (ITALY) IS PROUD TO ANNOUNCE, INTERNATIONALLY ACCLAIMED FELLOWSHIP PROGRAM IN "LASERS". THIS PROGRAM WILL BE DIVIDED INTO 4 MODULES 5 DAYS EACH. THE COURSE FEE FOR THE WHOLE PROGRAM WILL BE RS 95,000/- (ALLOWED TO PAY IN 2 INSTALLMENTS), IF SEATS ARE AVAILABLE, REGISTRATIONS WILL BE OPEN FOR THE PROGRAM ON FIRST COME FIRST SERVE BASIS. LAST DATE FOR THE REGISTRATION IS DEC 10<sup>TH</sup>

## STRUCTURE

THE PROGRAM IS COMPOSED BY FOUR MODULES. SUBJECTS TO BE COVERED SHALL BE TAKEN FROM THE SYLLABUS IN LASER USED IN DENTISTRY/IMPLANTOLOGY/DENTOFACIAL SURGERY, UNIVERSITY OF GENOVA.

**BY PROF. STEFANO BENEDICENTI ( PRESIDENT OF MSC IN LASER DENTISTRY )  
DR ALEX MATHEWS MURUPPEL ( PROGRAM COORDINATOR IN INDIA )**

### MODULE 2

- ✓ DIODE LASERS – HISTORY & DEVELOPMENT MECHANISM OF LASER GENERATION
- ✓ LASER WAVELENGTHS & CONSIDERATIONS
- ✓ LASERS USE IN SOFT TISSUE MANAGEMENT
- ✓ LASERS USE IN MANAGEMENT OF NON KERATINISED OR LOOSE SOFT TISSUE STRUCTURES
- ✓ LASERS USE IN MANAGEMENT OF KERATINISED OR FIXED TISSUE STRUCTURES
- ✓ LASERS USE IN ENDODONTICS

### MODULE 3

- ✓ ERBIUM FAMILY OF LASERS – HISTORY & DEVELOPMENT, MECHANISM OF LASER GENERATION
- ✓ LASER INTERACTION WITH ENAMEL, DENTIN, CEMENTUM, DENTAL CARIES
- ✓ LASER INTERACTION WITH ALVEOLAR BONE
- ✓ LASER USE IN ORAL AND HARD TISSUE MANAGEMENT
- ✓ LOW LEVEL LASER THERAPY OR PHOTOBIO-MODULATION
- ✓ LASER USE IN PERIODONTOLOGY
- ✓ LASER USE IN IMPLANTOLOGY

### MODULE 4

- ✓ INTEGRATION OF LASERS INTO DENTAL PRACTICE- CLINICAL AND MARKETING ASPECTS
  - ✓ OVERVIEW OF LASERS IN PEDIODONTICS AND LASERS IN ORTHODONTICS
  - ✓ LASER SAFETY PROTOCOLS
  - ✓ PRACTICAL SESSIONS IN LASER USE
- PART 1 - EXAM PRESENTATION OF CLINICAL CASES, VIVA VOCE AND OSCE  
PART 2- EXAM MULTIPLE CHOICE QUESTION

For registration details contact:  
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