FELLOWSHIP IN COSMETIC LASERS

ABOUT THE UNIVERSITY

Malla Reddy Vishwavidyapeeth is a reputed educational institution located in Hyderabad, Telangana, India. Recognized as a "Deemed to be University under Distinct (Existing) Category," the university offers multidisciplinary programs across medical, dental, nursing, pharmaceutical sciences, and allied health sciences. The institution emphasizes academic excellence, clinical expertise, innovation, and global collaboration in advancing healthcare education.

PROGRAM OVERVIEW

The Fellowship in Cosmetic Lasers is a one-year advanced program designed to provide healthcare professionals with in-depth knowledge and practical skills in the use of lasers for aesthetic and dermatological treatments.

The program focuses on:

- Laser-based treatments for skin rejuvenation and resurfacing
- Laser hair removal techniques
- Treatment of pigmentation disorders and vascular lesions
- Laser therapy for acne scars and skin tightening
- Patient assessment and customized laser treatment planning
- Laser safety protocols and complication management

The fellowship integrates theoretical learning, clinical exposure, and hands-on training to ensure proficiency in modern laser technologies used in aesthetic dermatology.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in the fundamentals of cosmetic laser technology and light–tissue interaction.
2. Apply laser treatments for skin rejuvenation, pigmentation management, and hair removal.
3. Ensure patient and practitioner safety through proper laser safety protocols.
4. Assess patient skin types and develop personalized laser treatment plans.
5. Conduct research to improve laser technologies and treatment outcomes in aesthetic medicine.

PROGRAM OUTCOMES (POS)

1. **Expertise in Laser Skin Treatments:** Perform laser procedures for skin rejuvenation, hair removal, and pigmentation treatment.
2. **Comprehensive Understanding of Laser Safety:** Apply safety guidelines to ensure safe laser use for both patients and practitioners.
3. **Advanced Knowledge of Laser Physics:** Understand laser wavelengths, parameters, and light–tissue interaction.
4. **Laser Treatment Planning:** Customize laser treatment protocols based on patient skin type and aesthetic goals.
5. **Post-Treatment Care and Complication Management:** Manage side effects such as burns, pigmentation changes, or scarring.
6. **Research in Laser Medicine:** Contribute to research and evidence-based advancements in laser dermatology.

COURSE OUTCOMES (COS)

• **CO1:** Perform laser procedures for skin resurfacing, hair removal, and pigmentation treatment.
• **CO2:** Apply laser safety protocols and proper equipment handling techniques.
• **CO3:** Understand laser applications for acne scars, vascular lesions, and skin rejuvenation.
• **CO4:** Conduct patient assessment and develop customized laser treatment plans.
• **CO5:** Provide post-procedure care and manage complications associated with laser therapy.
• **CO6:** Conduct research and evaluate emerging laser technologies in aesthetic medicine.

PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in advanced cosmetic laser technologies.
2. Apply laser-based treatments safely and effectively in dermatological practice.
3. Integrate research and innovation in aesthetic laser procedures.

PROGRAM DETAILS

• **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
• **Program Duration:** One-Year Fellowship
• **Mode of Delivery:** Clinical Training + Theoretical Learning + Hands-on Practice
• **Total Credits:** 40

ELIGIBILITY CRITERIA

• **Academic Qualification:** MBBS with MD/DNB in Dermatology, Plastic Surgery, or equivalent medical qualification
• **Professional Requirement:** As per institutional norms

KEY FEATURES

• Specialized training in cosmetic laser technologies
• Hands-on exposure to advanced laser dermatology procedures
• Training in laser safety and treatment protocols
• Focus on patient-centered aesthetic treatment planning
• Research-oriented approach in aesthetic laser medicine

LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

Comprehensive understanding of laser physics, light–tissue interaction, and laser dermatology procedures.

COGNITIVE SKILLS

Ability to evaluate skin conditions and select appropriate laser treatment modalities.

PRACTICAL & PROFESSIONAL SKILLS

Hands-on expertise in performing laser procedures for hair removal, skin resurfacing, and pigmentation treatment.

TRANSFERABLE SKILLS

Effective patient communication, consultation skills, and ethical clinical practice.

SUBJECT-SPECIFIC SKILLS

Advanced expertise in cosmetic laser technologies and aesthetic dermatology treatments.

CURRICULUM MODULES – THEORY

• Introduction to Cosmetic Lasers
• Laser Physics and Technology
• Laser Safety Protocols
• Laser Skin Resurfacing

- Laser Hair Removal
- Pigmentation and Vascular Lesion Treatments
- Laser Treatments for Acne Scars
- Fractional Laser Technology
- Laser for Skin Tightening and Lifting
- Ethical and Legal Aspects in Laser Medicine

PRACTICAL COURSEWORK

- Clinical training in laser skin resurfacing procedures
- Laser hair removal techniques
- Treatment of pigmentation disorders and vascular lesions
- Patient evaluation and customized treatment planning
- Clinical case discussions and research documentation

CAREER OUTCOMES

Graduates of the Fellowship in Cosmetic Lasers can pursue careers as:

- Cosmetic Laser Specialist
- Aesthetic Dermatology Practitioner
- Laser Therapy Consultant
- Clinical Practitioner in Cosmetic Laser Clinics
- Academic and Research Professional in Laser Dermatology