

FELLOWSHIP IN ENDOCRINE SURGERY

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 Endocrine Surgery is a specialized program designed to develop expertise in the surgical management of endocrine gland disorders.

The program focuses on:

- Endocrine anatomy and physiology
- Surgical management of thyroid, parathyroid, adrenal, and pancreatic endocrine disorders
- Management of endocrine tumors
- Minimally invasive endocrine surgical techniques
- Preoperative and postoperative endocrine care
- Hormonal evaluation and metabolic management

The program integrates **clinical exposure, surgical training, and hands-on procedures**, ensuring comprehensive expertise in endocrine surgery.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage endocrine disorders requiring surgical intervention.
 2. Perform endocrine surgical procedures with precision and safety.
 3. Apply minimally invasive surgical techniques.
 4. Deliver patient-centered and evidence-based care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage endocrine gland disorders effectively.

2. **Surgical Skills:** Perform thyroid, parathyroid, adrenal, and pancreatic surgeries.
 3. **Minimally Invasive Techniques:** Apply advanced and minimally invasive endocrine procedures.
 4. **Oncological Management:** Manage endocrine tumors effectively.
 5. **Hormonal Management:** Understand and manage endocrine and metabolic disorders.
 6. **Multidisciplinary Approach:** Collaborate with endocrinologists and oncologists.
 7. **Evidence-Based Practice:** Apply updated endocrine surgery guidelines.
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COURSE OUTCOMES (COS)

- **CO1:** Understand endocrine anatomy and surgical principles.
 - **CO2:** Perform endocrine surgical procedures effectively.
 - **CO3:** Apply minimally invasive surgical techniques.
 - **CO4:** Manage endocrine disorders and complications.
 - **CO5:** Ensure comprehensive patient care and outcomes.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in endocrine surgical procedures.
 2. Apply advanced and minimally invasive techniques effectively.
 3. Integrate multidisciplinary approaches in endocrine care.
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PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
 - **Program Duration:** One-Year Fellowship
 - **Mode of Delivery:** Clinical Training + Surgical Exposure + Theoretical Learning
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ELIGIBILITY CRITERIA

- **Academic Qualification:** MBBS with MS/DNB in General Surgery or equivalent
 - **Professional Requirement:** As per institutional norms
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KEY FEATURES

- Specialized training in endocrine surgery
- Hands-on exposure to thyroid, parathyroid, and adrenal surgeries
- Training in minimally invasive endocrine procedures

- Focus on endocrine tumors and hormonal disorders
 - Exposure to advanced diagnostic and imaging techniques
 - Integration of surgery with endocrinology
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of endocrine disorders and surgical management.
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COGNITIVE SKILLS

- Clinical decision-making in complex endocrine surgical cases.
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PRACTICAL & PROFESSIONAL SKILLS

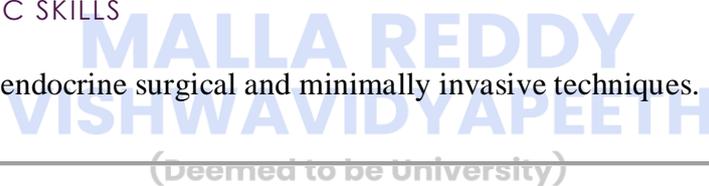
- Proficiency in endocrine surgical procedures.
 - Hands-on experience in OT and clinical settings.
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TRANSFERABLE SKILLS

- Communication and patient counseling skills.
 - Multidisciplinary teamwork and coordination.
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SUBJECT-SPECIFIC SKILLS

- Advanced endocrine surgical and minimally invasive techniques.
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CURRICULUM MODULES – THEORY

- Endocrine Anatomy and Physiology
 - Thyroid and Parathyroid Disorders
 - Adrenal and Pancreatic Endocrine Surgery
 - Endocrine Tumors and Oncology
 - Minimally Invasive Endocrine Surgery
 - Hormonal Evaluation and Management
 - Diagnostic Imaging in Endocrine Disorders
 - Postoperative Care and Complications
 - Metabolic Disorders
 - Advances in Endocrine Surgery
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PRACTICAL COURSEWORK

- Clinical training in endocrine surgery units
- Thyroid, parathyroid, and adrenal surgical procedures
- Management of endocrine tumors
- Diagnostic and imaging techniques
- Preoperative and postoperative patient care
- Case discussions and clinical evaluation
- Case documentation and surgical assessment

CAREER OUTCOMES

Graduates of the Fellowship in Endocrine Surgery can pursue careers as:

- Endocrine Surgeon
- Thyroid Surgery Specialist
- Onco-Endocrine Surgery Consultant
- Surgical Consultant in Tertiary Care Hospitals
- Academic and Research Roles in Endocrine Surgery

