

FELLOWSHIP IN BARIATRIC 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 Bariatric Surgery is a specialized program designed to develop expertise in the surgical management of obesity and metabolic disorders.

The program focuses on:

- Obesity and metabolic disease physiology
- Bariatric surgical procedures (sleeve gastrectomy, gastric bypass)
- Minimally invasive and laparoscopic techniques
- Preoperative evaluation and patient selection
- Postoperative care and long-term follow-up
- Nutritional and lifestyle management

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

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage obesity and metabolic disorders.
 2. Perform bariatric surgical procedures with precision.
 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 obesity and related metabolic conditions.

2. **Surgical Skills:** Perform bariatric procedures such as sleeve gastrectomy and gastric bypass.
 3. **Minimally Invasive Techniques:** Apply laparoscopic and advanced surgical approaches.
 4. **Metabolic Management:** Address comorbid conditions like diabetes and hypertension.
 5. **Patient Care:** Provide long-term follow-up and lifestyle management.
 6. **Multidisciplinary Approach:** Collaborate with nutritionists and endocrinologists.
 7. **Evidence-Based Practice:** Apply updated bariatric surgery guidelines.
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COURSE OUTCOMES (COS)

- **CO1:** Understand obesity and metabolic disease mechanisms.
 - **CO2:** Perform bariatric surgical procedures effectively.
 - **CO3:** Apply laparoscopic techniques in bariatric surgery.
 - **CO4:** Manage postoperative care and complications.
 - **CO5:** Ensure long-term patient outcomes and follow-up.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in bariatric and metabolic surgical procedures.
 2. Apply advanced laparoscopic techniques effectively.
 3. Integrate multidisciplinary approaches in obesity management.
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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 bariatric and metabolic surgery
- Hands-on exposure to laparoscopic bariatric procedures

- Training in patient evaluation and long-term management
 - Focus on obesity-related comorbidities
 - Exposure to multidisciplinary care including nutrition
 - Integration of surgery with metabolic disease management
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of obesity and metabolic disorders.
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COGNITIVE SKILLS

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

- Proficiency in bariatric surgical procedures and laparoscopic techniques.
 - 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 bariatric and metabolic surgical techniques.
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CURRICULUM MODULES – THEORY

- Obesity and Metabolic Disorders
 - Principles of Bariatric Surgery
 - Sleeve Gastrectomy and Gastric Bypass
 - Laparoscopic Techniques in Bariatric Surgery
 - Preoperative Assessment and Patient Selection
 - Postoperative Care and Complications
 - Nutritional Management and Follow-up
 - Metabolic Syndrome and Diabetes Management
 - Psychological Aspects of Obesity
 - Advances in Bariatric Surgery
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PRACTICAL COURSEWORK

- Clinical training in bariatric surgery units
 - Laparoscopic bariatric procedures
 - Patient evaluation and surgical planning
 - Postoperative care and long-term follow-up
 - Nutritional and lifestyle management
 - Case discussions and clinical evaluation
 - Case documentation and surgical assessment
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CAREER OUTCOMES

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

- Bariatric Surgeon
- Metabolic Surgery Specialist
- Laparoscopic Surgery Consultant
- Obesity Management Specialist
- Consultant in Tertiary Care Hospitals
- Academic and Research Roles in Surgery

