

## FELLOWSHIP IN GENITO URINARY SURGERY

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### 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.

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### PROGRAM OVERVIEW

The Fellowship in Genito Urinary Surgery is a specialized program designed to develop expertise in the surgical management of disorders affecting the urinary tract and male reproductive system.

The program focuses on:

- Genitourinary anatomy and physiology
- Surgical management of kidney, ureter, bladder, and prostate disorders
- Management of urological cancers
- Endourology and minimally invasive procedures
- Reconstructive urological surgeries
- Preoperative and postoperative patient care

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

(Deemed to be University)

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### PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

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

1. **Clinical Expertise:** Diagnose and manage genitourinary disorders effectively.

2. **Surgical Skills:** Perform urological surgeries including renal, bladder, and prostate procedures.
  3. **Minimally Invasive Techniques:** Apply endourology and laparoscopic approaches.
  4. **Oncological Management:** Manage urological cancers effectively.
  5. **Reconstructive Skills:** Perform reconstructive urological procedures.
  6. **Multidisciplinary Approach:** Collaborate with nephrologists and oncologists.
  7. **Evidence-Based Practice:** Apply updated urological surgical guidelines.
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#### COURSE OUTCOMES (COS)

- **CO1:** Understand genitourinary anatomy and surgical principles.
  - **CO2:** Perform urological surgical procedures effectively.
  - **CO3:** Apply endoscopic and minimally invasive techniques.
  - **CO4:** Manage urological emergencies and complications.
  - **CO5:** Ensure comprehensive patient care and recovery.
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#### PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in genitourinary surgical procedures.
  2. Apply advanced endourological and reconstructive techniques.
  3. Integrate multidisciplinary approaches in urological 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

- Advanced training in genitourinary surgery
- Hands-on exposure to urological procedures
- Training in endourology and minimally invasive surgery
- Focus on urological oncology and reconstructive surgery

- Exposure to advanced diagnostic and imaging techniques
  - Integration of surgery with nephrology and oncology
  - Evidence-based clinical practice
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## LEARNING OUTCOMES

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### KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of genitourinary diseases and surgical management.
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### COGNITIVE SKILLS

- Clinical decision-making in complex urological cases.
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### PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in urological surgical procedures and 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 endourological and reconstructive surgical techniques.
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## CURRICULUM MODULES – THEORY

- Genitourinary Anatomy and Physiology
  - Renal and Ureteric Surgery
  - Bladder and Prostate Surgery
  - Urological Oncology
  - Endourology and Laparoscopic Surgery
  - Reconstructive Urology
  - Emergency Urological Conditions
  - Diagnostic and Imaging Techniques
  - Postoperative Care and Complications
  - Advances in Urology
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## PRACTICAL COURSEWORK

- Clinical training in urology units
  - Endoscopic and laparoscopic urological procedures
  - Management of renal, bladder, and prostate conditions
  - Reconstructive surgical procedures
  - Emergency urological care
  - Preoperative and postoperative patient management
  - Case documentation and clinical evaluation
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## CAREER OUTCOMES

Graduates of the Fellowship in Genito Urinary Surgery can pursue careers as:

- Urologist
- Genitourinary Surgery Specialist
- Endourology Specialist
- Surgical Consultant in Tertiary Care Hospitals
- Academic and Research Roles in Urology

