

FELLOWSHIP IN ANDROLOGY & MALE INFERTILITY

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 in medical, dental, nursing, pharmaceutical sciences, engineering, and allied health sciences. The institution emphasizes academic excellence, clinical proficiency, innovation, and global collaborations, contributing significantly to advanced healthcare education and training.

PROGRAM OVERVIEW

The Fellowship in Andrology & Male Infertility is a specialized clinical program designed to develop expertise in the evaluation, diagnosis, and management of male reproductive health and infertility. The program focuses on:

- Male reproductive anatomy and physiology
- Evaluation and diagnosis of male infertility
- Semen analysis and advanced diagnostic techniques
- Hormonal and genetic causes of infertility
- Erectile dysfunction and sexual health disorders
- Assisted reproductive techniques (ART) and management

The program integrates **theoretical learning, clinical exposure, and hands-on training**, ensuring competency in andrology and reproductive medicine.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage male infertility and reproductive disorders.
 2. Apply diagnostic tools including semen analysis and hormonal evaluation.
 3. Manage sexual dysfunction and hormonal imbalances.
 4. Deliver evidence-based and patient-centered reproductive healthcare.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage male infertility and reproductive disorders.
2. **Diagnostic Proficiency:** Perform and interpret semen analysis and hormonal investigations.

3. **Therapeutic Skills:** Apply medical and assisted reproductive treatments.
4. **Sexual Health Management:** Address erectile dysfunction and related disorders.
5. **Multidisciplinary Care:** Collaborate with gynecologists, embryologists, and fertility specialists.
6. **Preventive Care:** Provide counseling on lifestyle and reproductive health.
7. **Evidence-Based Practice:** Apply clinical guidelines and research in andrology.

COURSE OUTCOMES (COS)

- **CO1:** Understand male reproductive physiology and infertility mechanisms.
- **CO2:** Diagnose and manage male infertility conditions.
- **CO3:** Perform semen analysis and interpret results.
- **CO4:** Manage sexual health disorders and hormonal imbalances.
- **CO5:** Apply assisted reproductive techniques and patient counseling.

PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate competency in diagnosing and managing male infertility.
2. Apply diagnostic and therapeutic techniques in andrology effectively.
3. Integrate multidisciplinary approaches in reproductive healthcare.

PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
- **Program Duration:** One-Year Fellowship
- **Mode of Delivery:** Hybrid (Clinical Training + Theoretical Learning + Hands-on Practice)

(Deemed to be University)

ELIGIBILITY CRITERIA

- **Academic Qualification:** MBBS / MD/DNB in General Medicine / Urology / General Surgery or related fields
- **Professional Requirement:** As per institutional and regulatory guidelines

KEY FEATURES

- Specialized training in andrology and male infertility
- Hands-on clinical exposure in fertility and reproductive health units
- Training in semen analysis and diagnostic techniques

- Focus on hormonal and genetic causes of infertility
 - Exposure to assisted reproductive technologies (ART)
 - Integration of reproductive medicine and clinical practice
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of male reproductive health and infertility.
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COGNITIVE SKILLS

- Clinical reasoning and decision-making in andrology.
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PRACTICAL & PROFESSIONAL SKILLS

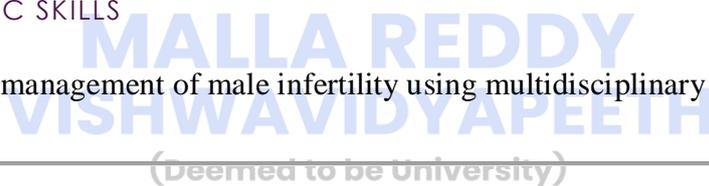
- Proficiency in infertility diagnosis, semen analysis, and patient management.
 - Hands-on experience in reproductive medicine settings.
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TRANSFERABLE SKILLS

- Patient counseling and communication in reproductive health.
 - Clinical documentation and reporting.
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SUBJECT-SPECIFIC SKILLS

- Integrated management of male infertility using multidisciplinary approaches.
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CURRICULUM MODULES – THEORY

- Male Reproductive Anatomy and Physiology
 - Evaluation and Diagnosis of Male Infertility
 - Semen Analysis and Laboratory Techniques
 - Hormonal and Genetic Factors in Infertility
 - Erectile Dysfunction and Sexual Health
 - Assisted Reproductive Techniques (ART)
 - Male Contraception and Family Planning
 - Infections and Inflammatory Conditions
 - Counseling and Ethical Aspects
 - Advances in Andrology
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PRACTICAL COURSEWORK

- Clinical training in andrology and fertility clinics
- Semen analysis and diagnostic evaluations
- Management of infertility and reproductive disorders
- Hormonal assessment and treatment planning
- Exposure to assisted reproductive techniques
- Patient counseling and lifestyle guidance
- Case documentation and clinical evaluation

CAREER OUTCOMES

Graduates of the Fellowship in Andrology & Male Infertility can pursue careers as:

- Andrology Specialist
- Male Infertility Consultant
- Reproductive Health Specialist
- Fertility Clinic Practitioner
- Clinical Practitioner in Multispecialty Hospitals
- Academic and Research Roles in Reproductive Medicine

