

## FELLOWSHIP IN GERIATRIC MEDICINE

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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 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.

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### PROGRAM OVERVIEW

The Fellowship in Geriatric Medicine is a comprehensive academic and clinical program designed to develop expertise in the management of elderly patients. The program focuses on:

- Comprehensive geriatric assessment and patient-centered care
- Diagnosis and management of age-related diseases and multimorbidity
- Geriatric syndromes including frailty, sarcopenia, and cognitive disorders
- Palliative and end-of-life care
- Rehabilitation and functional recovery
- Preventive geriatrics and healthy aging strategies

The program integrates **theoretical learning, clinical exposure, and hands-on training**, ensuring interdisciplinary understanding and real-world clinical competence.

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### PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Deliver comprehensive and patient-centered healthcare for elderly populations.
  2. Diagnose and manage age-related diseases, multimorbidity, and geriatric syndromes.
  3. Demonstrate ethical, compassionate, and professional responsibility in geriatric care.
  4. Apply evidence-based practices and preventive strategies to promote healthy aging.
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### PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage geriatric conditions including dementia, cardiovascular diseases, and metabolic disorders.

2. **Comprehensive Assessment:** Perform holistic geriatric evaluations including physical, cognitive, and social assessments.
3. **Rehabilitation Skills:** Implement functional recovery strategies for mobility and frailty-related conditions.
4. **Palliative Care Competence:** Provide compassionate end-of-life care and symptom management.
5. **Medication Management:** Optimize pharmacotherapy and manage polypharmacy in elderly patients.
6. **Ethical & Social Responsibility:** Advocate for patient rights, elder care policies, and ethical practices.
7. **Evidence-Based Practice:** Apply clinical research and guidelines to improve patient outcomes.

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#### COURSE OUTCOMES (COS)

- **CO1:** Apply knowledge of aging physiology in clinical decision-making.
- **CO2:** Diagnose and manage frailty, multimorbidity, and complex geriatric conditions.
- **CO3:** Provide cognitive, psychiatric, and neurological care in elderly patients.
- **CO4:** Deliver palliative and supportive care, including pain and end-of-life management.
- **CO5:** Implement preventive and health promotion strategies in geriatric populations.
- **CO6:** Analyze clinical cases and contribute to advancements in geriatric medicine.

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#### PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Perform comprehensive geriatric assessments and individualized care planning.
2. Demonstrate competency in managing age-related diseases and geriatric syndromes.
3. Apply interdisciplinary approaches for rehabilitation, palliative care, and preventive geriatrics.

(Deemed to be University)

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#### PROGRAM DETAILS

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

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#### ELIGIBILITY CRITERIA

- **Academic Qualification:** MBBS with MD/DNB in General Medicine / Family Medicine / Internal Medicine or equivalent

- **Professional Requirement:** As per institutional and regulatory guidelines
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#### KEY FEATURES

- Comprehensive training in geriatric medicine and elderly care
  - Hands-on clinical exposure with real patient interactions
  - Focus on multimorbidity, frailty, and chronic disease management
  - Training in palliative and end-of-life care
  - Emphasis on preventive geriatrics and healthy aging
  - Interdisciplinary learning and clinical integration
  - Exposure to rehabilitation and functional recovery practices
  - Strong foundation in evidence-based medicine
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#### LEARNING OUTCOMES

##### KNOWLEDGE & UNDERSTANDING

- In-depth understanding of aging physiology, geriatric syndromes, and disease management.
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##### COGNITIVE SKILLS

- Clinical reasoning and evidence-based decision-making in geriatric care.
  - Ability to analyze complex, multi-system conditions in elderly patients.
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##### PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in geriatric assessment, disease management, and rehabilitation techniques.
  - Hands-on clinical exposure in elderly patient care.
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##### TRANSFERABLE SKILLS

- Effective communication with patients, caregivers, and healthcare teams.
  - Documentation, case presentation, and clinical reporting skills.
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##### SUBJECT-SPECIFIC SKILLS

- Integrated management of geriatric conditions including frailty, dementia, and chronic diseases.
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#### CURRICULUM MODULES – THEORY

- Principles of Geriatric Medicine and Aging
  - Comprehensive Geriatric Assessment (CGA)
  - Frailty, Sarcopenia, and Polypharmacy
  - Neurodegenerative Disorders (Dementia, Parkinson's Disease)
  - Cardiovascular and Metabolic Disorders in Elderly
  - Palliative and End-of-Life Care
  - Falls, Osteoporosis, and Mobility Disorders
  - Geriatric Psychiatry and Mental Health
  - Nutrition and Malnutrition in Elderly
  - Preventive Geriatrics and Health Promotion
  - Ethical and Legal Aspects in Geriatric Medicine
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#### PRACTICAL COURSEWORK

- Clinical training in geriatric wards and outpatient departments
  - Comprehensive geriatric assessment and case evaluation
  - Management of chronic diseases and multimorbidity
  - Rehabilitation and functional recovery practices
  - Palliative care and symptom management
  - Clinical case documentation and patient follow-up
  - Interdisciplinary patient care and treatment planning
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#### CAREER OUTCOMES

Graduates of the Fellowship in Geriatric Medicine can pursue careers as:

- Geriatric Physician / Specialist
- Consultant in Elderly Care Units
- Palliative Care Specialist
- Rehabilitation and Long-Term Care Specialist
- Clinical Practitioner in Hospitals and Healthcare Institutions
- Academic and Research Roles in Geriatric Medicine