

FELLOWSHIP IN MEDICAL NUTRITION & DIETETICS

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 Medical Nutrition & Dietetics is a comprehensive clinical program designed to develop expertise in nutritional science, therapeutic diet planning, and the role of nutrition in disease prevention and management. The program focuses on:

- Principles of clinical nutrition and metabolism
- Nutritional assessment and diet planning
- Medical nutrition therapy for various diseases
- Nutritional management of chronic conditions
- Preventive nutrition and lifestyle interventions
- Public health and community nutrition

The program integrates **theoretical learning, clinical exposure, and hands-on training**, ensuring competency in nutrition-based healthcare.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Apply principles of nutrition in clinical and preventive healthcare.
 2. Develop individualized diet plans for disease management.
 3. Integrate nutrition therapy with medical treatment.
 4. Promote healthy lifestyle practices through nutrition education.
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PROGRAM OUTCOMES (POS)

1. **Clinical Nutrition Expertise:** Assess nutritional status and develop therapeutic diet plans.

2. **Disease Management:** Apply nutrition therapy for conditions such as diabetes, obesity, cardiovascular diseases, and malnutrition.
 3. **Preventive Care:** Promote health through balanced diet and lifestyle interventions.
 4. **Patient Counseling:** Educate patients on dietary modifications and healthy habits.
 5. **Public Health Nutrition:** Implement community-based nutrition programs.
 6. **Evidence-Based Practice:** Apply scientific research in nutrition and dietetics.
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COURSE OUTCOMES (COS)

- **CO1:** Understand principles of nutrition and metabolism.
 - **CO2:** Perform nutritional assessment and dietary evaluation.
 - **CO3:** Develop diet plans for clinical and therapeutic needs.
 - **CO4:** Manage nutrition-related disorders and deficiencies.
 - **CO5:** Promote preventive healthcare through nutrition strategies.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate competency in clinical nutrition assessment and diet planning.
 2. Apply medical nutrition therapy for disease prevention and management.
 3. Develop community-based nutrition and health promotion strategies.
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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)

(Deemed to be University)

ELIGIBILITY CRITERIA

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

- Specialized training in clinical nutrition and dietetics
- Hands-on experience in nutritional assessment and diet planning
- Focus on disease-specific nutrition therapy
- Integration of nutrition with medical treatment

- Community and preventive nutrition programs
 - Patient counseling and lifestyle management training
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of nutrition science, metabolism, and therapeutic diets.
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COGNITIVE SKILLS

- Clinical reasoning in nutrition-based disease management.
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in dietary assessment, planning, and patient counseling.
 - Hands-on experience in clinical nutrition practice.
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TRANSFERABLE SKILLS

- Communication and education skills for patient guidance.
 - Documentation and reporting in clinical nutrition.
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SUBJECT-SPECIFIC SKILLS

- Integrated management of diseases through medical nutrition therapy.
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CURRICULUM MODULES – THEORY

- Principles of Nutrition and Metabolism
 - Nutritional Assessment Techniques
 - Therapeutic Diet Planning
 - Clinical Nutrition in Chronic Diseases
 - Nutrition in Diabetes and Obesity
 - Cardiovascular and Renal Nutrition
 - Micronutrients and Deficiency Disorders
 - Lifestyle and Preventive Nutrition
 - Public Health and Community Nutrition
 - Nutrition Counseling and Education
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PRACTICAL COURSEWORK

- Clinical nutrition assessment and patient evaluation
- Diet planning for various medical conditions
- Nutrition counseling and patient education
- Management of lifestyle and metabolic disorders
- Community nutrition and awareness programs
- Case documentation and dietary analysis
- Clinical exposure in hospital nutrition departments

CAREER OUTCOMES

Graduates of the Fellowship in Medical Nutrition & Dietetics can pursue careers as:

- Clinical Nutrition Specialist
- Dietitian in Hospitals and Healthcare Centers
- Lifestyle and Wellness Consultant
- Public Health Nutrition Expert
- Preventive Healthcare Specialist
- Academic and Research Roles in Nutrition Science

