

FELLOWSHIP IN GERIATRIC DENTISTRY (FDS)

ABOUT THE UNIVERSITY

Malla reddy Vishwavidyapeeth is a reputed educational institution located in Hyderabad, Telangana, India. Recognized as a deemed to be university under the distinct (existing) category, the university offers multidisciplinary programs in medical, dental, nursing, pharmaceutical sciences, engineering, and allied health sciences. The institution is committed to academic excellence, research innovation, advanced clinical training, and global academic collaborations, contributing significantly to high-quality healthcare education and professional training.

PROGRAM OVERVIEW

The Fellowship in Geriatric Dentistry (FDS) is a one-year advanced academic and clinical training program designed to equip dental professionals with the knowledge and skills required to provide comprehensive oral healthcare to elderly and medically compromised patients. The program emphasizes age-related oral conditions, multidisciplinary care, preventive strategies, and patient-centered treatment planning.

Key Focus Areas:

- Biology of aging and its impact on oral health
- Oral health assessment of elderly patients
- Dental management of medically compromised and polypharmacy patients
- Prosthodontic and restorative care for geriatric patients
- Preventive dentistry and oral health promotion for the elderly
- Ethical, social, and psychological aspects of geriatric care

The fellowship integrates didactic teaching with clinical exposure, community-based learning, and interdisciplinary collaboration through a hybrid mode of delivery.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates of the program will be able to:

- **PEO1:** Demonstrate competency in assessment and management of oral health needs of geriatric patients.
- **PEO2:** Provide comprehensive, preventive, and rehabilitative dental care to elderly individuals.
- **PEO3:** Apply ethical, compassionate, and patient-centered approaches in geriatric dental care.
- **PEO4:** Integrate interdisciplinary and evidence-based practices in managing aging populations.

PROGRAM OUTCOMES (POS)

1. **Clinical Competence:** Deliver comprehensive oral healthcare tailored to geriatric patients.
2. **Treatment Planning:** Develop individualized treatment plans considering systemic health and functional needs.
3. **Evidence-Based Practice:** Apply current research and guidelines in geriatric dentistry.
4. **Interdisciplinary Care:** Collaborate with medical and allied health professionals.
5. **Critical Thinking:** Manage complex cases involving systemic diseases and aging-related conditions.
6. **Communication Skills:** Communicate effectively with elderly patients, caregivers, and families.
7. **Professional & Ethical Practice:** Uphold ethical standards and informed consent in geriatric care.
8. **Lifelong Learning:** Engage in continuous learning and research in geriatric oral health.

COURSE OUTCOMES (COS)

- **CO1:** Understand physiological aging and its effects on oral tissues.
- **CO2:** Perform comprehensive oral health assessments in elderly patients.
- **CO3:** Manage dental treatment in medically compromised and dependent elders.
- **CO4:** Implement preventive and rehabilitative strategies for geriatric oral health.
- **CO5:** Document and evaluate geriatric dental cases.

PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate competency in providing comprehensive geriatric dental care.
2. Apply preventive, restorative, and prosthetic strategies suitable for elderly patients.
3. Integrate medical considerations and social factors into dental care for aging populations.

PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
 - **Program Duration:** One-Year Modular Fellowship
 - **Mode of Delivery:** Hybrid (On-Campus + Community-Based Learning)
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ELIGIBILITY CRITERIA

- **Academic Qualification:** B.D.S. or equivalent from a recognized institution
 - **Professional Registration:** Valid DCI or equivalent registration
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KEY FEATURES

- Specialized focus on geriatric oral healthcare
 - Clinical exposure to elderly and medically compromised patients
 - Community outreach and institutional care exposure
 - Interdisciplinary teaching with medical specialties
 - Emphasis on ethics, empathy, and patient dignity
 - Research and case documentation support
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Aging physiology and geriatric syndromes
 - Oral manifestations of systemic diseases
 - Preventive and rehabilitative strategies for elders
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COGNITIVE SKILLS

- Risk assessment and treatment prioritization
 - Decision making in complex geriatric cases
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PRACTICAL & PROFESSIONAL SKILLS

- Comprehensive geriatric dental treatment
 - Preventive care and maintenance protocols
 - Communication with caregivers and healthcare teams
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TRANSFERABLE SKILLS

- Patient counseling and caregiver education
 - Clinical documentation and reporting
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PROGRAM STRUCTURE – 6 MODULES

Module	Focus Area
Module 1	Fundamentals of Geriatric Dentistry
Module 2	Aging, Systemic Diseases & Oral Health
Module 3	Preventive and Restorative Care in Elderly
Module 4	Prosthodontic Rehabilitation for Geriatric Patients
Module 5	Institutional & Home-Based Oral Care
Module 6	Comprehensive Geriatric Case Management

CURRICULUM MODULES – THEORY

Module	Key Topics Covered	Learning Outcomes
Module 1	Aging process, gerontology	Understand aging and oral health
Module 2	Medical conditions, medications	Manage medically compromised elders
Module 3	Preventive strategies, restorations	Deliver preventive care
Module 4	Complete & partial dentures	Provide prosthetic rehabilitation
Module 5	Institutional care, domiciliary dentistry	Manage dependent elderly
Module 6	Ethics, documentation, rehabilitation	Deliver comprehensive care

ELABORATED PRACTICAL COURSEWORK

1. CLINICAL TRAINING

- Comprehensive oral examination of geriatric patients
- Preventive, restorative, and prosthodontic procedures

2. COMMUNITY & INSTITUTIONAL EXPOSURE

- Oral health camps for elderly populations
- Exposure to old-age homes and geriatric care centers

3. CASE EXECUTION & DOCUMENTATION

- Minimum 6–8 documented geriatric dentistry cases
- Follow-up and maintenance records

4. RESEARCH & ACADEMIC WORK

- Journal clubs
- Case reports in geriatric dentistry

5. COMPREHENSIVE CASE PORTFOLIO

- Complete case documentation
- Panel presentation and evaluation

ASSESSMENT & CERTIFICATION

- Clinical performance assessment
- Logbook & portfolio evaluation
- Case presentation and viva voce

DEPARTMENT RESPONSIBILITIES

- **Public Health Dentistry:** Community and preventive care coordination
- **Prosthodontics:** Geriatric rehabilitation
- **Oral Medicine:** Medical risk assessment and diagnosis

THIS FELLOWSHIP AIMS TO DEVELOP COMPASSIONATE, COMPETENT, AND MULTIDISCIPLINARY GERIATRIC DENTAL CARE PROFESSIONALS.

NAAC / UGC ANNEXURES

ANNEXURE I: PEO–PO MAPPING

PEO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PEO1	✓	✓		✓	✓	✓		
PEO2	✓	✓	✓	✓	✓			
PEO3		✓	✓		✓	✓	✓	
PEO4		✓		✓	✓	✓		✓

ANNEXURE II: PO-PSO MAPPING

PO / PSO	PSO1	PSO2	PSO3
PO1	✓	✓	
PO2	✓	✓	
PO3	✓		✓
PO4		✓	✓
PO5	✓	✓	✓
PO6	✓		✓
PO7	✓		
PO8			✓

ANNEXURE III: CO-PO-PSO MAPPING MATRIX

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	✓	✓		✓					✓		✓
CO2	✓	✓	✓		✓				✓	✓	
CO3	✓	✓	✓	✓	✓				✓	✓	✓
CO4		✓	✓		✓	✓			✓		✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

NAAC / UGC ANNEXURES

ANNEXURE I: PEO-PO MAPPING

PEO / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PEO1	✓	✓		✓	✓	✓		
PEO2	✓	✓	✓	✓	✓			
PEO3		✓	✓		✓	✓	✓	
PEO4		✓		✓	✓	✓		✓

ANNEXURE II: PO-PSO MAPPING

PO / PSO	PSO1	PSO2	PSO3
PO1	✓	✓	
PO2	✓	✓	
PO3	✓		✓

