

FELLOWSHIP IN PAIN MANAGEMENT

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 Pain Management is a specialized clinical program designed to develop expertise in the diagnosis, evaluation, and management of acute and chronic pain conditions. The program focuses on:

- Pathophysiology of pain and pain mechanisms
- Acute and chronic pain syndromes
- Musculoskeletal and neuropathic pain
- Cancer-related and palliative pain
- Interventional pain management techniques
- Multidisciplinary approaches to pain care

The program integrates **theoretical learning, clinical exposure, and hands-on training**, ensuring competency in comprehensive pain management.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage acute and chronic pain conditions effectively.
 2. Apply pharmacological and interventional pain management techniques.
 3. Provide multidisciplinary and patient-centered pain care.
 4. Deliver evidence-based practices in pain medicine.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage various pain conditions including musculoskeletal, neuropathic, and cancer pain.

2. **Diagnostic Proficiency:** Evaluate pain using clinical assessment tools and diagnostic techniques.
 3. **Therapeutic Skills:** Apply pharmacological, physical, and interventional treatments.
 4. **Interventional Techniques:** Perform procedures such as nerve blocks and pain injections.
 5. **Palliative Care:** Manage pain in cancer and end-of-life care settings.
 6. **Multidisciplinary Care:** Collaborate with physiotherapists, psychologists, and oncologists.
 7. **Evidence-Based Practice:** Apply clinical guidelines and research in pain management.
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COURSE OUTCOMES (COS)

- **CO1:** Understand pain physiology and mechanisms.
 - **CO2:** Diagnose and manage acute and chronic pain conditions.
 - **CO3:** Apply pharmacological and interventional treatments.
 - **CO4:** Manage cancer-related and palliative pain.
 - **CO5:** Implement multidisciplinary pain management strategies.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate competency in diagnosing and managing pain conditions.
 2. Apply interventional and pharmacological pain management techniques effectively.
 3. Integrate multidisciplinary approaches in comprehensive pain care.
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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 / MD/DNB in General Medicine / Anesthesiology / Orthopedics / Neurology or related fields
 - **Professional Requirement:** As per institutional and regulatory guidelines
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KEY FEATURES

- Specialized training in acute and chronic pain management
 - Hands-on clinical exposure in pain clinics and hospital settings
 - Training in interventional pain procedures and techniques
 - Focus on musculoskeletal, neuropathic, and cancer pain
 - Integration of pharmacological and non-pharmacological treatments
 - Exposure to palliative and supportive care
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of pain mechanisms and management strategies.
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COGNITIVE SKILLS

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

- Proficiency in pain assessment, diagnosis, and treatment planning.
 - Hands-on experience in interventional pain procedures.
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TRANSFERABLE SKILLS

- Patient counseling and communication for chronic pain management.
 - Clinical documentation and reporting.
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SUBJECT-SPECIFIC SKILLS

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

- Physiology and Pathophysiology of Pain
- Acute and Chronic Pain Syndromes
- Neuropathic and Musculoskeletal Pain
- Cancer Pain and Palliative Care
- Pharmacological Pain Management
- Interventional Pain Techniques
- Rehabilitation and Physical Therapy
- Psychological Aspects of Pain
- Pain Assessment and Diagnostic Tools
- Advances in Pain Medicine

PRACTICAL COURSEWORK

- Clinical training in pain management clinics and hospital units
- Pain assessment and patient evaluation
- Pharmacological and interventional treatment procedures
- Nerve blocks and injection techniques
- Management of cancer and palliative pain
- Patient counseling and rehabilitation planning
- Case documentation and clinical evaluation

CAREER OUTCOMES

Graduates of the Fellowship in Pain Management can pursue careers as:

- Pain Management Specialist
- Consultant in Pain Clinics and Hospitals
- Interventional Pain Specialist
- Palliative Care Specialist
- Clinical Practitioner in Multispecialty Hospitals
- Academic and Research Roles in Pain Medicine

