

FELLOWSHIP IN PAEDIATRIC MEDICAL ONCOLOGY

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 across medical, dental, nursing, pharmaceutical sciences, and allied health sciences. The institution emphasizes academic excellence, clinical expertise, innovation, and global collaboration in advancing healthcare education.

PROGRAM OVERVIEW

The Fellowship in Paediatric Medical Oncology is a one-year advanced program designed for medical professionals to specialize in the diagnosis and management of cancers in children.

The program focuses on:

- Paediatric malignancies including leukemia, lymphoma, and solid tumors
- Chemotherapy and targeted therapy in children
- Immunotherapy and precision oncology
- Supportive care and infection management
- Bone marrow transplantation principles
- Multidisciplinary paediatric oncology care

The program integrates clinical training, hands-on exposure, and evidence-based treatment approaches to ensure comprehensive expertise in paediatric oncology.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in paediatric cancer diagnosis and management.
 2. Apply chemotherapy, immunotherapy, and targeted therapies in children.
 3. Provide supportive and holistic paediatric care.
 4. Deliver patient-centered and evidence-based oncology treatment.
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PROGRAM OUTCOMES (POS)

1. Clinical Expertise: Manage paediatric cancers effectively.
2. Therapeutic Skills: Administer chemotherapy and advanced therapies.
3. Supportive Care: Provide infection control and palliative care.

4. Paediatric Care: Deliver age-appropriate and family-centered treatment.
 5. Decision-Making Skills: Handle complex oncology cases.
 6. Research Orientation: Contribute to advancements in paediatric oncology.
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COURSE OUTCOMES (COS)

- CO1: Diagnose paediatric cancers.
 - CO2: Administer systemic therapies.
 - CO3: Manage treatment complications.
 - CO4: Provide comprehensive patient care.
 - CO5: Ensure long-term follow-up.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in paediatric oncology.
 2. Apply advanced therapeutic techniques.
 3. Integrate clinical and multidisciplinary approaches.
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PROGRAM DETAILS

- Certificate Awarded by: Malla Reddy Vishwavidyapeeth
 - Program Duration: One-Year Fellowship
 - Mode of Delivery: Clinical Training + Hands-on Exposure + Theoretical Learning
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ELIGIBILITY CRITERIA

- Academic Qualification: MD/DNB in Pediatrics / General Medicine / Medical Oncology or equivalent
 - Professional Requirement: As per institutional norms
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KEY FEATURES

- Advanced training in paediatric medical oncology
 - Hands-on exposure to cancer treatments
 - Training in chemotherapy and immunotherapy
 - Focus on holistic and family-centered care
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of paediatric cancers
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COGNITIVE SKILLS

- Clinical decision-making in paediatric oncology
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in systemic therapies
 - Hands-on experience in oncology units
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TRANSFERABLE SKILLS

- Patient and family counseling
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SUBJECT-SPECIFIC SKILLS

- Advanced paediatric oncology treatment techniques
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CURRICULUM MODULES – THEORY

- Paediatric Oncology Basics
 - Leukemias & Lymphomas
 - Solid Tumors in Children
 - Chemotherapy & Targeted Therapy
 - Immunotherapy
 - Bone Marrow Transplantation
 - Supportive Care
 - Infection Management
 - Advances in Paediatric Oncology
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PRACTICAL COURSEWORK

- Chemotherapy administration
- Clinical case management
- Infection control
- Multidisciplinary case discussions
- Patient counseling
- Research and documentation

CAREER OUTCOMES

Graduates can pursue careers as:

- Paediatric Oncologist
- Cancer Care Specialist
- Consultant in Paediatric Oncology Centers
- Clinical Researcher
- Academic and Research Professional



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VISHWAVIDYAPEETH**
(Deemed to be University)