

FELLOWSHIP IN PAEDIATRIC PATHOLOGY

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 Pathology is a one-year intensive program designed to train healthcare professionals in the diagnosis and evaluation of diseases in infants and children.

The program focuses on:

- Congenital and developmental disorders
- Paediatric tumors and malignancies
- Perinatal and neonatal pathology
- Genetic and metabolic disorders
- Autopsy pathology in children
- Molecular diagnostics and immunohistochemistry

The program integrates laboratory training, clinical exposure, and advanced diagnostic techniques to ensure comprehensive expertise in paediatric pathology.

Department-of-Pathology_compres...

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in paediatric pathology diagnostics.
 2. Interpret paediatric biopsy and autopsy findings.
 3. Apply molecular and genetic diagnostic techniques.
 4. Diagnose congenital, developmental, and neoplastic conditions.
 5. Integrate pathological findings with clinical paediatrics.
 6. Maintain quality standards in reporting.
 7. Conduct research in paediatric pathology.
-

PROGRAM OUTCOMES (POS)

1. **Diagnostic Expertise:** Evaluate paediatric diseases accurately.
 2. **Laboratory Skills:** Interpret biopsy and autopsy specimens.
 3. **Technical Skills:** Apply molecular and immunohistochemical techniques.
 4. **Clinical Integration:** Correlate pathology with paediatric conditions.
 5. **Quality Assurance:** Ensure standardized reporting systems.
 6. **Research Orientation:** Contribute to advancements in paediatric pathology.
-

COURSE OUTCOMES (COS)

- CO1: Diagnose paediatric diseases.
 - CO2: Interpret biopsy and autopsy findings.
 - CO3: Apply molecular and genetic techniques.
 - CO4: Understand congenital and developmental disorders.
 - CO5: Integrate pathology with clinical practice.
-

PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in paediatric pathology.
 2. Apply advanced diagnostic techniques.
 3. Integrate laboratory findings with clinical evaluation.
-

PROGRAM DETAILS

- Certificate Awarded by: Malla Reddy Vishwavidyapeeth
 - Program Duration: One-Year Fellowship (to be University)
 - Mode of Delivery: Laboratory + Clinical + Theoretical Training
-

ELIGIBILITY CRITERIA

- Academic Qualification: MBBS with MD/DNB in Pathology or equivalent
 - Professional Requirement: As per institutional norms
-

KEY FEATURES

- Advanced training in paediatric pathology
- Hands-on exposure to paediatric specimen evaluation

- Training in molecular and genetic diagnostics
 - Focus on early and accurate diagnosis
 - Evidence-based pathology practice
-

LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of paediatric diseases
-

COGNITIVE SKILLS

- Analytical decision-making in paediatric pathology
-

PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in specimen evaluation and lab techniques
 - Hands-on experience in diagnostic labs
-

TRANSFERABLE SKILLS

- Clinical correlation and reporting
-

SUBJECT-SPECIFIC SKILLS

- Advanced paediatric pathology diagnostic techniques
-

CURRICULUM MODULES – THEORY

SEMESTER 1: FUNDAMENTALS OF PAEDIATRIC PATHOLOGY

- Paediatric Pathology Basics
 - Congenital Disorders
 - Developmental Abnormalities
 - Perinatal Pathology
 - Laboratory Techniques
 - Clinical Rotations
-

SEMESTER 2: ADVANCED PAEDIATRIC PATHOLOGY

- Paediatric Tumors
- Genetic & Metabolic Disorders
- Molecular Diagnostics

- Immunohistochemistry
 - Case Studies & Reporting
 - Research Project
-

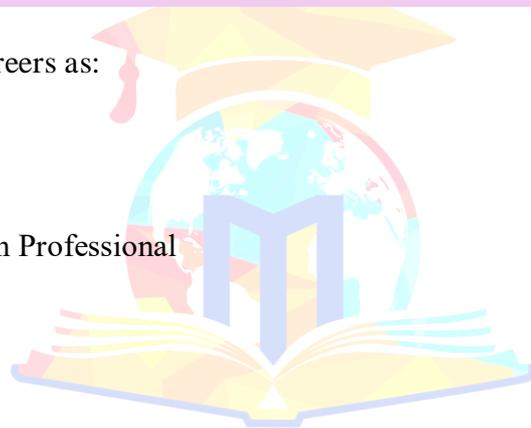
PRACTICAL COURSEWORK

- Biopsy and autopsy evaluation
 - Specimen grossing and reporting
 - Molecular diagnostic techniques
 - Case discussions
 - Research and documentation
-

CAREER OUTCOMES

Graduates can pursue careers as:

- Paediatric Pathologist
- Diagnostic Pathologist
- Laboratory Specialist
- Clinical Researcher
- Academic and Research Professional



**MALLA REDDY
VISHWAVIDYAPEETH**
(Deemed to be University)