

## FELLOWSHIP IN HEMATOLOGY & ONCOLOGY

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### 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.

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### PROGRAM OVERVIEW

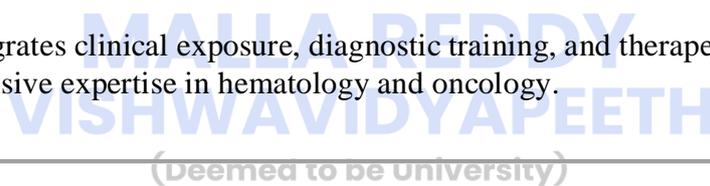
The Fellowship in Hematology & Oncology is a specialized program designed to develop expertise in the diagnosis and management of blood disorders and cancers.

The program focuses on:

- Hematological malignancies (leukemia, lymphoma, myeloma)
- Benign hematological disorders (anemia, clotting disorders)
- Chemotherapy and targeted therapy
- Bone marrow evaluation and interpretation
- Immunotherapy and precision medicine
- Supportive and palliative care

The program integrates clinical exposure, diagnostic training, and therapeutic management to ensure comprehensive expertise in hematology and oncology.

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### PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage hematological and oncological disorders.
  2. Apply chemotherapy, immunotherapy, and targeted treatments.
  3. Perform and interpret hematological investigations.
  4. Deliver patient-centered and evidence-based care.
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### PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Manage hematological malignancies and blood disorders.
2. **Diagnostic Skills:** Perform and interpret hematological investigations.

3. **Therapeutic Skills:** Administer chemotherapy and targeted therapies.
  4. **Comprehensive Care:** Provide supportive and palliative care.
  5. **Decision-Making Skills:** Handle complex hematology-oncology cases.
  6. **Research Orientation:** Contribute to advancements in hematology and oncology.
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#### COURSE OUTCOMES (COS)

- **CO1:** Understand hematology and oncology principles.
  - **CO2:** Diagnose blood disorders and malignancies.
  - **CO3:** Perform bone marrow and laboratory evaluations.
  - **CO4:** Apply therapeutic protocols effectively.
  - **CO5:** Manage complications and patient care.
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#### PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in hematology and oncology.
  2. Apply advanced diagnostic and therapeutic techniques.
  3. Integrate clinical and laboratory approaches in patient care.
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#### PROGRAM DETAILS

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

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

- Advanced training in hematology and oncology
- Hands-on exposure to diagnostic and therapeutic procedures
- Training in chemotherapy and targeted therapy
- Focus on blood disorders and cancer care
- Evidence-based clinical practice

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## LEARNING OUTCOMES

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### KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of hematological and oncological disorders

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### COGNITIVE SKILLS

- Clinical decision-making in complex cases

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### PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in hematological investigations and treatment
- Hands-on experience in labs and oncology units

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### TRANSFERABLE SKILLS

- Patient counseling and multidisciplinary coordination

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### SUBJECT-SPECIFIC SKILLS

- Advanced hematology diagnostics and oncology treatment

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## CURRICULUM MODULES – THEORY

- Hematology Basics
- Hematological Malignancies
- Benign Blood Disorders
- Bone Marrow Evaluation
- Chemotherapy & Immunotherapy
- Targeted Therapy
- Supportive & Palliative Care
- Laboratory Techniques
- Advances in Hematology & Oncology

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## PRACTICAL COURSEWORK

- Bone marrow procedures and analysis
- Chemotherapy and targeted therapy administration
- Laboratory diagnostics and interpretation
- Case discussions and clinical management
- Complication handling

- Research and documentation
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## CAREER OUTCOMES

Graduates can pursue careers as:

- Hematologist
- Hemato-Oncologist
- Consultant in Cancer & Blood Disorder Centers
- Clinical Researcher
- Academic and Research Professional



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