

DEPARTMENT OF PHYSIOTHERAPY

MASTER OF PHYSIOTHERAPY

➤ **PROGRAM OBJECTIVES:**

Upon the completion of this course, the student should be able to –

1. Execute all routine physiotherapeutic procedures with evidence based practice.
2. Work as a prominent member of the multidisciplinary physiotherapy team and treat all the conditions which need physiotherapeutic procedures.
3. Able to provide adequate knowledge about the treatment procedures and its benefit.
4. Able to transfer knowledge and skills to students as well young professionals.
5. Able to perform independent physiotherapy assessment and treatment for patients.
6. Undertake independent research in the field of physiotherapy.
7. Learn multidisciplinary practice skills.
8. Able to practice and assess patients independently.

On successful completion of M.P.T. programme, the physiotherapist professional will be able to take up physiotherapy teaching assignments independently for undergraduate teaching programme. They will be able to prepare project proposal with selected research design and interpret the evaluated outcome measures (using sound data processing techniques and statistical methods). They will be able to practice in his / her specialty area with advanced knowledge and skills.

➤ **PROGRAM OUTCOMES:**

1. Clinical Competence

- **Comprehensive Assessment Skills:** Ability to perform detailed and accurate patient evaluations using standardized and clinical assessment tools.
- **Effective Treatment Planning:** Develop and implement evidence-based, individualized treatment plans that address patient goals and functional needs.
- **Intervention Techniques:** Apply a variety of therapeutic techniques and modalities to manage and improve patient conditions, including manual therapy, exercise prescription, and modalities.

2. Professional and Ethical Practice

- **Adherence to Standards:** Demonstrate adherence to ethical principles, professional standards, and legal regulations governing physical therapy practice.

- **Patient Confidentiality:** Maintain patient confidentiality and handle sensitive information responsibly.

3. Critical Thinking and Evidence-Based Practice

- **Application of Research:** Integrate current research findings into clinical practice to enhance patient care and treatment outcomes.
- **Clinical Reasoning:** Utilize critical thinking to assess, diagnose, and formulate treatment plans, making informed decisions based on clinical evidence.

4. Communication Skills

- **Effective Interactions:** Communicate clearly and empathetically with patients, families, and other healthcare professionals, ensuring understanding and engagement in the treatment process.
- **Documentation:** Maintain accurate and comprehensive clinical documentation, including patient progress notes and treatment plans.

5. Interprofessional Collaboration

- **Teamwork:** Work effectively as part of an interdisciplinary team to provide comprehensive patient care and achieve optimal health outcomes.
- **Collaboration:** Engage in collaborative practice with other healthcare providers to coordinate patient care and integrate various aspects of treatment.

6. Leadership and Management

- **Leadership Skills:** Demonstrate leadership abilities in clinical settings, including the ability to guide and mentor colleagues, and contribute to the development of clinical protocols and practices.
- **Resource Management:** Manage resources efficiently, including time, personnel, and equipment, to ensure high-quality patient care.

7. Cultural Competency

- **Cultural Sensitivity:** Provide culturally competent care that respects and integrates patients' cultural, social, and individual preferences and needs.
- **Inclusivity:** Address diverse patient needs through culturally aware practices and sensitivity to various backgrounds.

8. Patient-Centered Care

- **Holistic Approach:** Offer care that is patient-centered, considering the physical, emotional, and social aspects of patient well-being.
- **Empowerment:** Support patient empowerment and self-management by involving patients in their care decisions and treatment planning.

9. Research and Innovation

- **Research Skills:** Conduct and apply research to enhance clinical practice, contribute to the advancement of the field, and improve patient outcomes.
- **Innovation:** Embrace and integrate new technologies, techniques, and practices to advance physical therapy services and care delivery.

10. Professional Development

- **Lifelong Learning:** Commit to ongoing professional development and continuing education to keep current with advancements in physical therapy and related fields.
- **Self-Assessment:** Engage in self-reflection and self-assessment to identify strengths, areas for improvement, and career development goals.