

# **JYOTI RAO PHULE SUBHARTI COLLEGE OF PHYSIOTHERAPY**



**SWAMI VIVEKANAND SUBHARTI UNIVERSITY  
MEERUT**

**PROGRAMME:  
MASTER OF PHYSIOTHERAPY**

**Programme & Course Outcomes**

Programme Name & Outcomes	Course Name & Outcomes
<p><b><u>Master of Physiotherapy</u></b></p> <p><b>Programme Outcomes</b></p> <p><b>PO 1-</b> Ability to adopt physical therapy services by using theoretical and practical knowledge with consideration for patient in clinical judgement.</p> <p><b>PO 2-</b> Develop physiotherapy skills in diagnosing different conditions by assessing, planning and rehabilitating patient and further follow up evaluation.</p> <p><b>PO 3-</b> Apply principles and professional ethics and responsibilities in physiotherapy practice</p> <p><b>PO 4-</b> Analyze and undertake data for research purpose and its documentation for long life learning in physiotherapy</p> <p><b>PO 5-</b> Develop educational experience for proficiency in profession and promote preventive and rehabilitative aspect on the society.</p>	<p style="text-align: center;"><b><u>MPT Orthopaedic:-</u></b></p> <p style="text-align: center;"><b>MEDICAL &amp; SURGICAL MANAGEMENT OF DISORDERS OF MUSCULOSKELETAL SYSTEM:</b></p> <p><b>CO 1 -</b> Ability to have the information on epidionology, clinical presentation, relevant diagnostic test medical and surgical management of disorders of musculoskeletal system</p> <p><b>CO 2 -</b> Ability to use theoretical and practical information in planning and tailoring effective, specific and safe physiotherapy treatment program.</p> <p style="text-align: center;"><b>PHYSIOTHERAPY MANAGEMENT OF DISORDER OF MUSCKULOSKELETAL SYSTEM I &amp; II:</b></p> <p><b>CO 1 -</b> Ability to understand of principle of physiotherapy management in disorders of musculoskeletal system and the application of principles of specific disorders.</p> <p><b>CO 2 -</b> Acquire the knowledge through lecture, case presentation, journal discussion and class discussion and setup a treatment program tailor to the patients needs</p>

**RESEARCH METHODOLOGY &**

**BIOSTATICS:**

**CO 1** - Understand the statistical measures used analysis and interpretation of research data

**CO 2** - able to apply the information on research design and their implementation

**CO 3** - Identify to read critique research articles and understand and apply the principles of research to perform a guided research.

**MPT Neurology**

**MEDICAL & SURGICAL MANAGEMENT OF DISORDERS OF NERVOUS SYSTEM:**

**CO 1** - Ability to have the information on epidionology, clinical presentation, relevant diagnostic test medical and surgical management of disorders of musculoskeletal system

**CO 2** - Ability to use theoretical and practical information in planning and tailoring effective, specific and safe physiotherapy treatment program.

**PHYSIOTHERAPY MANAGEMENT OF DISORDER OF NERVOUS SYSTEM I & II:**

**CO 1** - Ability to understand of principle of

physiotherapy management in disorders of nervous system and the application of principles of specific disorders.

**CO 2 -** Acquire the knowledge through lecture, case presentation, journal discussion and class discussion and setup a treatment program tailor to the patients needs

### **MPT Cardiopulmonary Conditions**

#### **MEDICAL & SURGICAL MANAGEMENT OF DISORDERS OF CARDIOPULMONARY SYSTEM:**

**CO 1 -** Ability to have the information on epidemiology, clinical presentation, relevant diagnostic test medical and surgical management of disorders of cardiopulmonary system

**CO 2 -** Ability to use theoretical and practical information in planning and tailoring effective, specific and safe physiotherapy treatment program.

#### **PHYSIOTHERAPY MANAGEMENT OF DISORDER OF CARDIOPULMONARY SYSTEM I & II:**

**CO 1 -** Ability to understand of principle of physiotherapy management in disorders of Cardiopulmonary system and the application of principles of specific disorders.

**CO 2** - Acquire the knowledge through lecture, case presentation, journal discussion and class discussion and setup a treatment program tailor to the patients needs

### **MPT Sports Physiotherapy**

#### **MEDICAL & SURGICAL MANAGEMENT OF DISORDERS OF SPORTS INJURIES:**

**CO 1** - Ability to have the information on epidemiology, clinical presentation, relevant diagnostic test medical and surgical management of disorders of Sports Injuries

**CO 2** - Ability to use theoretical and practical information in planning and tailoring effective, specific and safe physiotherapy treatment program.

#### **PHYSIOTHERAPY MANAGEMENT OF DISORDER OF SPORTS INJURIES I & II:**

**CO 1** - Ability to understand of principle of physiotherapy management in disorders of Sports Injuries and the application of principles of specific disorders.

**CO 2** - Acquire the knowledge through lecture, case presentation, journal discussion and class discussion and setup a treatment

program tailor to the patients needs

### **PEDAGOGY IN PHYSIOTHERAPY**

#### **EDUCATION**

**CO 1** - Identify and describe the philosophy of education and emerging issues in education

**CO 2** - Understand the concept, method and techniques of teaching and learning

**CO 3** - Be able to apply the knowledge for planning and evaluation of teaching method

**CO 4** - Be able to apply the knowledge on clinical education to spread awareness and guidance to the common people about health and diseases

### **MANAGEMENT, ADMINISTRATION AND**

#### **ETHICAL ISSUES:**

**CO 1** - Identify and address the issues related to the organization and administration of the physiotherapy department.

**CO 2** - Apply the skills for marketing physiotherapy research production and its promotion

#### **BIOMECHANICS :**

**CO 1** - Be able to identify and apply the principles of biomechanics while setting up patients

treatment protocol

**CO 2** - Acquire the knowledge of musculoskeletal movement in terms of kinetic and kinematic of all the joints during normal gait and ADL.