

TILAK MAHARASHTRA VIDYAPEETH

DEPARTMENT OF PHYSIOTHERAPY

PROGRAMME OUTCOMES

1. Students should possess knowledge of basic courses namely Exercise therapy and Electrotherapy along with basic medical subjects including Human Anatomy, Physiology, Biochemistry which will lay their foundation for practice of Physiotherapy.
2. Students should develop skills & techniques of physiotherapy to treat Medical & Surgical conditions.
3. The student will develop skills to promote health in general in Geriatrics, Women's health, Industrial medicine as well as at competitive level, such as sports, keeping in mind National Health Policies.
4. Students will practice professional autonomy & ethical principles with referral as well as first contact clients in conformity with ethical code for physiotherapists.
5. Students will develop interests for care of the individual and provide physiotherapy services to the community.
6. Students should demonstrate skills in practicing physiotherapy, teaching, management, research guidance and counseling

COURSE OUTCOMES

First Year BPT

At end of year student will be able to

1. Students should understand, learn and practice clinical application of human body and its functions under Human Anatomy
2. Students should have in-depth knowledge of Biochemistry
3. Students should have in-depth knowledge of Physiology and its clinical application.
4. Students should understand, learn and practice clinical application of Electrotherapeutic modalities under Electrotherapy
5. Students should understand, learn and practice clinical application of basic exercises and yoga under Exercise therapy

Second Year BPT

At end of year student will be able to

1. Students should be able to differentiate normal and altered Human mind and behavior in Psychology and Psychiatry ,also learn effective communication skills
2. Students should have in-depth knowledge of Biomechanics related kinetics and kinematics of joints, movements and activities of daily living under Kinesiology
3. Students should practice clinical application of Electrotherapeutic modalities under Electrotherapy
4. Students should be able to analyze pathological conditions and related microbiology under Pathology and Microbiology.
5. Students should understand health promotion and disease prevention, occupational health under Community medicine and Sociology.

Third Year BPT

At end of year student will be able to

1. Students should have in-depth knowledge of clinical subjects namely pharmacology, Orthopedics, General surgery, Medicine, Neurology, Pediatrics, Dermatology, Obstetrics and Gynecology.
2. Students should understand principles of international classification of function and its application under Physical Diagnosis and Manipulative Skills.
3. Students must acquire the skill of detection & objective documentation of the Neurological, Muscular-skeletal, cardiovascular, pulmonary and integumentary dysfunctions and A.D.L. in adult & pediatric condition under Physical Diagnosis and Manipulative Skills.
4. Students should be able to discuss common complications during Antenatal,Natal, Menopausal stage & various aspects of Pelvic floor Dysfunction in brief under Obstetrics and Gynecology.
5. Students should be able to describe Etiology, Pathophysiology, Signs & Symptoms, Clinical Evaluation & Management of the various Rheumatologic Cardiovascular, and Respiratory & Neurological Conditions under Medicine.

Fourth Year BPT

At end of year student will be able to

1. Student will be able to identify, discuss & analyze, the Muskulo Skeletal Dysfunction and acquire the skill for executing Physiotherapy treatment in form of Therapeutic exercise & appropriate ergonomic advise for the relief of pain, restoration/Maintenance of function at home & work place under Physiotherapy in Musculoskelatal conditions
2. Students will be able to assess, identify & analyze neuro-motor & psychosomatic dysfunction and plan & execute treatment, with special reference to mat exercises, functional re-education, gait training, postural & functional training for A.D.L.,

ergonomic advise in Adult and pediatric conditions Under Physiotherapy in Neurosciences

3. Student will be able to identify, discuss & analyze cardio-vascular & pulmonary dysfunction and execute the effective Physiotherapeutic measures with special emphases to Breathing retraining, nebulization humidification, bronchial hygiene, General Mobilisation & Exercise conditioning under Physiotherapy in General Medical and Surgical conditions.
4. Student should be able to discuss analyze common complications during Antenatal , Natal, Post natal period Menopausal stage & Dysfunction related to pelvic floor, occupational health geriatrics & the management under Physiotherapy in community Health. Also students should be able clinically apply Research Methodology and Biostatistics for the project in community physiotherapy.
5. Student will be able to practice ethical code of professional practice, morals & legal aspects under Professional Practice and ethics. Also administer principles of Hospital Administration, Management & Marketing.