ज्ञानं सर्विज्ञानम्
DPES
Dhole Patil Education Society

DHOLE PATIL COLLEGE OF PHYSIOTHERAPY

Approved by Govt. of Maharashtra,
Affiliated to Maharashtra University of Health Science, (MUHS) Nashik

Campus - Near EON IT Park, Kharadi, Dhole Patil College Road, Wagholi,Pune - 412207., India. Tel. : +91-20-66059900 Email : dholepatilphysiotherapy@gmail.com Web. : www.dpcop.in

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Date : 18/05/22

Program outcome

Second year B.P.Th.

At the end of SYBPTh, student should be able to perform the following:

- PATHOLOGY

Learn the pathological changes in various conditions, diseases and disorders, which are commonly treated by physiotherapy.

Learn to recognize pathology signs and symptoms considered red flags for serious disease.

- MICRO-BIOLOGY

Demonstrate an understanding of the pathology and microbiology of common diseases that therapists would encounter in their daily practice.

Understand how to protect themselves and their patients from infections during their interactions.

- PHARMACOLOGY

Possess a relevant knowledge in basic principles of pharmacology.

Understand the basic pharmacology of common drugs used, their importance in the overall treatment including Physiotherapy.

Understand the general principles of drug action and the handling of drugs by the body.

Understand the contribution of both drug and physiotherapy factors in the outcome of treatment.

- PSYCHIATRY INCLUDING PSYCHOLOGY

Recognize and help with the psychological factors involved in disability, pain, disfigurement, unconscious patients, chronic illness, death, bereavement and medical- surgical patients/conditions.

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Understand the elementary principles of behavior for applying in the therapeutic environment.

Perform psychosocial assessment of patients in various developmental stages

learn counseling techniques to help those in need.

- KINESIOLOGY

Analyze normal human movement from a global perspective, integrating biomechanics, muscle mechanics and motor control theory.

Experience quantitative methods of movement analysis using various methods.

Apply the analytic methods to specific example of normal human motor performance.

Use these methods for evaluation and treatment of disorders of the musculoskeletal system.

- KINESITHERAPY

Efficacy in the assessment methods for mobility, muscle strength.

Opportunity to develop and acquire understanding of physiological responses to various types of training and develop skills of exercise programs (on models).

Understanding of exercise components of muscle strength, flexibility, balance, breathing and gait.

Evidence of appropriate, safe and effective exercise design and proper exercise biomechanics and prescription parameters are addressed with all interventions.

- ELECTROTHERAPY

Fundamental skills in application of electrotherapeutic modalities and knowledge of indications, contraindications and physiological principles needed for appropriate patient care.

It includes topics such as Electrical stimulation, T.E.N.S., Iontophoresis, Ultrasound / Phonophoresis, Diathermy and Electro diagnostic testing etc.

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