

## **Department of kinesiotherapy and Physical Diagnosis**

Physiotherapy or Physical Therapy (P.T.) is a scientific based Science of Movements with widespread clinical applications in diagnosing and managing clients with movement dysfunction. We, at the Department of Kinesiotherapy and Physical Diagnosis provides in depth knowledge of anatomical, physiological & related kinesiological principles for normal human movement as applicable to human body in the context of Kinetics & kinematics of Joints, Movements & Daily activities.

The undergraduate students are introduced to the basic subjects like Fundamentals of Kinesiology & Kinesiotherapy in first year and in second year of curriculum this knowledge is expanded under two subjects namely Kinesiology and Kinesiotherapy. These subjects include biophysics related to mechanics of movement and starting positions and knowledge of kinetics / kinematics of Spine, Extremities along with their movements during normal Gait and Activities of Daily Living and in detail assessment methods and physiotherapeutic skills for flexibility, mobility, muscle strength, Posture, balance, breathing for managing patients with various movement dysfunction or Cardiovascular & Respiratory dysfunction, however on the models.

The Learning experiences are provided under the guidance and supervision of competent faculty, in both, classroom as well as in practical halls. Department is well equipped with one practical lab and one yoga hall.

Every year Department organises International Yoga Day on 21<sup>st</sup> June for which Yoga guru from “Patanjali Yog Vidyapeeth” were invited to take yoga session on International Yoga Day. Apart from Yoga Day Department of Kinesiotherapy & Physical Diagnosis also organises Quiz Competition “Kinesiotronics” every year for students in collaboration with Department of Electrotherapy & Electro diagnosis.