

**Relevant documents pertaining to learning
outcomes & graduate attributes**

Programme outcomes

At the end of the training, a student will

- Functionally diagnose the patient & provide comprehensive holistic physiotherapy treatment to the needy.
- Justify the use of a specific therapeutic modality & be competent enough to apply it effectively.
- Contribute effectively as a rehabilitation team member for acute and chronic illness as & when required.
- Communicate effectively with the patient regarding the various aspects of disease as sought by patient or caretakers.
- Undertake research project for updation of personal knowledge as well as professional growth.
- Refer the patient to concerned healthcare professional in case if the need arises.
- Extend services in the community for underprivileged population who cannot report to the physiotherapy center.

1. Methods of the assessment of learning outcomes & graduate attributes-

Programme Specific Outcomes

At the end of the training period, a student should:

Musculoskeletal Sciences:

- Determine the physical therapy needs of any patient or client through examination and evaluation.
- Develop and implement the physical therapy plan of action designed to: maintain and restore strength, endurance, co-ordination and range of motion to improve or restore function, promote healing, relieve pain.
- Communicate appropriately and effectively with patients and families, colleagues, and the public.

- Apply the basic educational concept of teaching within the clinical practice of musculoskeletal physiotherapy.
- Apply sound administrative principles to the management of physical therapy practice.
- Organize and provide for continuing physiotherapy education programs for musculoskeletal physiotherapist.

Cardio-vascular and Respiratory Sciences:

- Focus on health as influenced by lifestyle and environmental factors.
- Emphasize on early identification, prevention and correction of risk factors responsible for development of cardio-vascular and respiratory disorders.
- Provide physiotherapy facilities for rehabilitation of patients admitted to intensive care units and those suffering from chronic cardio-vascular respiratory disorders.
- Evaluate and determine the functional status of lungs by means of spirometry.
- Teach long-term self-management strategies to persons suffering from chronic cardio- respiratory disorders.
- Assess the level of physical fitness of individuals by evaluation of health-related variables of fitness.
- Assist in enhancing physical fitness levels by providing individualized exercise programs that will improve their quality of life.

Community Medical Sciences:

- Focus on health as influenced by social and community structure.
- Emphasize on identifying, evaluating and discouraging health-damaging and facilitating health-promoting behaviors.
- Provide Physiotherapy facilities for those who are away from the health institutions and having difficulty in healthcare access.

- Provide Physiotherapy facilities Aid and appliances to disabled people living in urban/rural areas and ensure that they can access these facilities.
- Evaluate disability and plan for prevention and rehabilitation in rural and urban set up.
- Enable some of the persons with disability to become self reliant and contribute to family and society.
- Teach persons with disabilities and their families about basic care and hygiene.
- Assess the prevalence and incidence of various conditions responsible for increasing morbidity in the specific community.

Neurophysiotherapy:

- Provide quality education in terms of requisite knowledge and psychomotor skills needed to assess and treat patients with neurological dysfunction.
- Enable students to treat patients with neurological dysfunction in the most effective way leading to nearest possible independent functional life.
- Supplement education with much needed training in developing affective skill, including paediatric as well as geriatric age group.
- Provide quality care to patients suffering from neurological dysfunction considering long duration and residual disability associated with it.
- Deliver the custom made treatment plan for the maximal possible recovery leaving very minimal residual disability.
- Provide quality health care to underprivileged population by extending our services into the community.
- Foster research culture which is the base of evidence for appropriate treatment protocols.
- Encourage students to be part of research culture to carry forward the change occurring as a result of research.

- Generate sufficient grants for the conduct of variety of projects which will act as a stimulus to provide sufficient momentum during long term projects.



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