



COURSE OUTCOME – PHYSIOLOGY

At the end of the course, the student will have an extensive understanding of the following:

Knowledge Domain :-

To have a deeper understanding of:

- 1) The principles related to maintenance of body equilibrium & composition.
- 2) The basic mechanisms operating across the biological membrane.
- 3) The functional mechanisms of each organ system varying with factors like age, gender etc
- 4) The influence of various environmental factors including personal stressors, example - effect of exercise on the organ systems.
- 5) The interaction of various organ systems in health.

Skill Domain :-

To be able to :

- 1) Perform the tests or techniques necessary to evaluate the functions of organ systems.

Derive, analyse, and interpret the test results.

Differentiate the normal and abnormal test results

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- 2) To be efficient enough in handling the equipment related to these tests.

III. Application Domain :-

- 1) To be efficient in critically discriminating the profile of a health problem on a physiological basis.
- 2) To be competent enough to be able to justify the differential diagnosis by integrating and interpreting the clinical features of a test result.
- 3) To have a dynamic mind and thought process in order to carry out innovative work to facilitate and promote research activities.
- 4) To be able to deal with clinical conditions with a holistic approach and not just focus on individual entities.