AIMS AND SCOPE OF THE PRESENT STUDY
The present research work was planned to evaluate the:

- effects of semistarvation (50% food restriction) from weaning to early adulthood on the contractile functions of slow and fast skeletal muscles and smooth muscle of GI tract

- extent of recovery in these muscles after such a prolonged semistarvation by feeding ad libitum

- combined effects of semistarvation and forced physical activity on the contractile functions of skeletal muscles and smooth muscle of GI tract.

Knowledge regarding the effects of chronic semistarvation during the postnatal growth and development period, the extent of recovery due to subsequent rehabilitation and the combined effects of chronic semistarvation and forced physical activity may find significant amount of application in the rehabilitation procedures of the undernourished people.