

Objectives:

The course is aimed at design standards and construction techniques for barrier free environment.

Module-1

Types of disability, mobility devices and controls. Construction and maintenance standards, classification of buildings and access provisions.

Design elements within buildings, site planning, parking, approach to plinth levels, corridors, entrance and exit, windows, stairways, lifts, toilets, signage, guiding and warning systems, floor materials.

Module-2

Design elements outside the building – kerb at footpath, road crossing, public toilet, bus stop, toilet booth, and signage.

Module-3

Provision in residential building, auditorium, parks, restaurants, railway station. Modern building bye-laws.

References:

- 1. Building without barriers for the disabled, Harkness, Sarh P/690.554 HAR/B*
- 2. Disability and rehabilitation Handbook/ Goldenson, RM/362.2002 DIS/M*