

AR 15605 BARRIER FREE BUILT ENVIRONMENT (2-0-0-0) CR-02

Module I

Introduction to Provisions of persons with Disabilities (Equal opportunities, protection of rights and full participation) Act 1995. Type of disabilities, Orthopaedic, hearing, visual impairments, national policy for provisions for elderly persons, concept of equal opportunity, human rights, social justice and empowerment of physically challenged persons Introduction to similar effects in other countries, initiatives at global and international level for protection of rights of disabled and also elderly person, American disabilities Act 1990 etc

Module II

Information on various types of national institutes, agencies and professional bodies involved in disabled welfare, associated norms and standards thereof. The role of NGO's, professional and outreach Design principles in architecture for creating environments friendly for various types of physically challenged persons, Educational institutions, hospitals, transportation terminals such as bus, railway stations and airports for barrier free spaces, Study of standards as given in TSS, TCPO, CPWD, ADA etc and others

Module III

Provisions in public spaces and site planning, parks, play grounds, public transportation, parking lots, Details of sidewalks, road intersections, access to public toilets

Module IV

Provisions of design of public buildings, details in ramps, guide rails, lifts, dimensions of wheel chairs, accessibility in public buildings, signage, audio visual facilities etc Design of Toilets and interiors spaces for use of physically challenged exercises in design of user friendly spaces for physically challenged persons, term paper on certain type of disability and requirements thereof for making environs barrier free or any other exercise appropriately framed by the subject faculty

Reference Books

1. Micheal J Bednar Barrier free environments Dowdem Hutchinson and Ross Ive 1977
2. Ministry of Urban Affairs and Employment, Central Public Works Department India Guidelines and Space Standards for Barrier Free Environment for Disabled and Elderly Person 1998
3. Unnati Design manual for a barrier free built environment Handicap International December 2004

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA

LESSON PLAN

Semester: 6th

Subject: BARRIER FREE BUILT ENVIRONMENT

Session: Jan 2017 – May 2017

Theory / Sessional

Branch/Course: Architecture

Name of the Faculty Member: **Ar.Mitali Madhusmita**

Period	Module/Number	Topic to be covered	Remarks/ Sign. of Faculty Member
01	1	Introduction to Provisions of persons with Disabilities (Equal opportunities,	
02		protection of rights and full participation) Act 1995. Type of disabilities	
03		Orthopaedic	
04		hearing, visual impairments,	
05		national policy for provisions for elderly persons,	
06		concept of equal opportunity, human rights,	
07		social justice	
08		empowerment of physically challenged persons Introduction to similar effects in other countries, initiatives at global and international level for protection of rights of disabled and also elderly person,	
09		American disabilities Act 1990 etc	
10	2	Information on various types of national institutes	
11		agencies and professional bodies involved in disabled welfare,	
12		associated norms and standards thereof.	
13		The role of NGO's, professional and outreach Design principles in architecture for creating environments friendly for various types of physically challenged persons	
14		Educational institutions, hospitals,	
15		transportation terminals such as bus,	
16		railway stations and	
17		airports for barrier free spaces, Study of standards as given in TSS, TCPO, CPWD, ADA etc and others	
18	3	Provisions in public spaces and site planning, parks,	
19		play grounds, public transportation, parking lots,	
20		Details of sidewalks,	
21		road intersections, access to public toilets	
22	4	Provisions of design of public buildings,	
23		details in ramps, guide rails,	
24		lifts,	
25		dimensions of wheel chairs, accessibility in public buildings,	
26		accessibility in public buildings, signage,	
27		audio visual facilities etc Design of Toilets and interiors spaces for use of physically challenged exercises in design of user friendly spaces for physically challenged persons,	
28		term paper on certain type of disability and requirements thereof for making	
29		environs barrier free or any other exercise appropriately framed by the subject faculty	

Signature of the Faculty Member :

Date:

Counter Signature of H.O.D.

