

LESSON PLAN

Name of Faculty : Ar. Twinkle Aggarwal, Sunita
Branch : ARCHITECTURAL ASSISTANTSHIP
Year : 3rd Semester
Subject : **BASIC DESIGN AND VISUAL ARTS**
Lesson Plan Duration : 17 WEEKS
Load Per Week : 08

WEEK	TOPIC
1	Basic elements of Anthropometrics with respect to average measurements of human body (adult & children) in different postures-its proportion and graphic representation.
2	Human body (Anthropometrics): Various activities of human body , Proportion of Components of Human Body: The proportions of the different components of the human body; Examples from Le Corbusier Modular Man , Vastu Pursha Mandala.
3	Human Activities: Basic human functions and their implications for spatial planning. Minimum and optimum areas for various functions. Activity space analysis related to form, function and expression of individual spaces like Bed room , Drawing room, Kitchen, Bath room etc.
4	Furniture standards (sizes of domestic and public furniture); Toilet and Kitchen equipment, Door & Windows- sizes and standards & location.
5	Vehicles, Street Furniture and Plants: Standard Parking layouts showing turning radii for two-wheelers, cars, buses, etc. Parking layouts at various angles (parallel, 45 degrees, 90 degrees), Standard road width.
6	Standards for drinking fountains, waiting queues at bus stops, garden seats, waste bins, telephone booths, street lights, foot paths, public walkways, railing etc
7	SESSIONAL-I
8	Graphic Representation of plant material (ground cover, foliage, shrubs, trees, human figures and vehicles).
9	Introduction to AutoCAD: (Latest version or AutoCAD2007) Input devices• Graphics• Starting AutoCAD• Inside the drawing editor• Commands in the menus (Tool bars)• Accessing Commands•Entity selection• Entering coordinates• Folders for organizing drawings and files. Exercise: Creating and saving a new drawing, Units, Limits, Snap, Grid, Ortho, Layer, Application of layers, Open a new, existing drawing• Save, save as, quit, close, exit•Customization of tool bars
11	SESSIONAL-II
12	Draw Commands: Line• Poly line/Multi line. • Arc• Ellipse• Polygon• Rectangle• SP line• Circle•Sketch. • Hatch• Donuts.
13	Modifying an Existing Drawing Commands: Undo Redo/Oops• Trim• Move•Offset• Rotate• Array• Stretch• Divide• Champher• Erase• Break• Copy, multiple copy• Mirror (Mirror test)•
14	Change (change properties)• Extend• Explode• Blip mode• Scale• Fillet• Design center
15	Practice
16	SESSIONAL-III
17	Work submission