

## LESSON PLAN

**NAME OF THE FACULTY** : SMT. PREYANK SHORI, SH. KULDEEP  
**DISIPLINE** : ARCHITECTURAL ASSISTANTSHIP  
**SEMESTER** : 3<sup>rd</sup>  
**SUBJECT** : BASIC DESIGN AND VISUAL ARTS  
**LESSION PLAN DURATION** : 15 WEEKS  
**WORK LOAD PER WEEK** : 08 (P)

Week	Practical	
	Lecture Day	Topic
1 <sup>ST</sup>	1	Basic elements of Anthropometrics with respect to average measurements of human body of adult in different postures-its proportion and graphic representation.
	2	Basic elements of Anthropometrics with respect to average measurements of human body of children in different postures-its proportion and graphic representation.
2 <sup>ND</sup>	3	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.
	4	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
3 <sup>RD</sup>	5	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 Kitchen, Bath room etc .
	6	Furniture standards (sizes of domestic and public furniture); Toilet - sizes and standards;
4 <sup>TH</sup>	7	Furniture standards (sizes of domestic and public furniture); Kitchen equipment - sizes and standards;
	8	windows - sizes, standards and locations.
5 <sup>TH</sup>	9	<b>SESSIONAL Ist</b>
	10	Doors - sizes, standards and locations.
6 <sup>TH</sup>	11	Standard Parking layouts showing turning radii for two-wheelers. Parking layouts at various angles (parallel, 45 degrees, 90 degrees), Standard road width.
	12	Standard Parking layouts showing turning radii for cars, buses, etc. Parking layouts at various angles (parallel, 45 degrees, 90 degrees), Standard road width.
7 <sup>TH</sup>	13	Street furniture : Standards for drinking fountains, waiting queues at bus stops, garden seats, waste bins, telephone booths, street lights, foot paths, public walkways, railing etc.
	14	
8 <sup>TH</sup>	15	Street furniture : Standards for drinking fountains, waiting queues at bus stops, garden seats, waste bins, telephone booths, street lights, foot paths, public walkways, railing etc.
	16	Street furniture : Standards for drinking fountains, waiting queues at bus stops, garden seats, waste bins, telephone booths, street lights, foot paths, public walkways, railing etc.
9 <sup>TH</sup>	17	Street furniture : Standards for drinking fountains, waiting queues at bus stops, garden seats, waste bins, telephone booths, street lights, foot paths, public walkways, railing etc.

	18	Graphic Representation of plant material (ground cover, foliage, shrubs, trees ).
<b>10<sup>TH</sup></b>	19	Graphic Representation of plant material ( human figures and vehicles).
	20	<b>SESSIONAL-II</b>
<b>11<sup>TH</sup></b>	21	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 coordinate•
	<b>22</b>	• Accessing Commands• Entity selection• Entering coordinate• Folders for organizing drawings and files Exercise: Creating folders and sub folders
<b>12<sup>TH</sup></b>	23	Creating and Saving a new Drawing Commands and options to create new drawings• Units• Limits• Snap• Grid• Ortho• Layer
	24	Application of layers• Open a new, existing drawing• Save, save as, quit, close, exit•
<b>13<sup>TH</sup></b>	25	Customization of tool bars• Exercise: Setting up a new drawing with units, limits etc .
	26	Draw Commands Line• Poly line/Multi line.• Arc• Ellipse• Polygon• Rectangle• SP line• Circle• Sketch.• Hatch• Donuts•
<b>14<sup>TH</sup></b>	27	Modifying an Existing Drawing Commands Undo Redo/Oops• Trim• Move•
	28	Offset• Rotate• Array• Stretch• Divide• Champher• Erase• Break• Copy, multiple copy• Mirror (Mirror test)•
<b>15<sup>TH</sup></b>	<b>29</b>	Change (change properties)• Extend• Explode• Blip mode• Scale• Fillet• Design center.
	<b>30</b>	<b>SESSIONAL III</b>