

## LESSON PLAN

**NAME OF FACULTY** : **MR. KULDEEP**

**DISCIPLINE** : **ARCHITECTURAL ASSISTANTSHIP**

**SEMESTER** : **4TH**

**SUBJECT** : **COMPUTER APPLICATIONS IN ARCHITECTURE - I**

**LESSON PLAN DURATION** : **15 WEEKS**

**WORK LOAD (LECTURE/ PRACTICAL) PER WEEK** : **4 PERIODS**

<b>WEEK</b>	<b>PRACTICAL</b>	
	<b>PRACTICAL DAY</b>	<b>TOPIC</b>
<b>1<sup>ST</sup></b>	1	Introduction to AutoCAD: Starting up, practice on – how to create a new drawing file, setting drawing limits & saving a file.
<b>2<sup>ND</sup></b>	2	Drawing lines in different ways using absolute co-ordinates, user co-ordinates, WCS, UCS, drawing circles, arcs, ellipses. polygons, splines, polylines, using window, zoom commands
<b>3<sup>RD</sup></b>	3	Practice on Modify commands such as erase, copy, mirror, array, offset, rotate, oops, undo, redo, scale, stretch command
<b>4<sup>TH</sup></b>	4	Practice on Text commands: editing text, text size, text styles, change properties commands
<b>5<sup>TH</sup></b>	5	<b>SESSIONAL TEST-1</b>
<b>6<sup>TH</sup></b>	6	Practice on trim, break, extend, chamfer, fillet, O snap command; Draw orthographic views of simple objects
<b>7<sup>TH</sup></b>	7	Practice on Layer Commands: creating layer, freeze, layer on/off, lock & unlock layer, move from one layer to other.
<b>8<sup>TH</sup></b>	8	Practice on Layer Commands: colour assigning, current layer, load line type; Practice on hatching,
<b>9<sup>TH</sup></b>	9	Practice on Dimensioning, linear dimensioning, angular dimensioning radius/diameter dimensioning, snap command, aligned dimensioning; applying tolerance; Editing of dimensioning
<b>10<sup>TH</sup></b>	10	<b>SESSIONAL TEST-2</b>
<b>11<sup>TH</sup></b>	11	Practice on print commands. Export commands Practice on plot commands. Import commands
<b>12<sup>TH</sup></b>	12	Practice on making complete drawings of 2 Dimensional geometrical

		figures using AUTOCAD (2D)
<b>13<sup>TH</sup></b>	13	Practice on making complete drawings of composition of 2 Dimensional geometrical figures using AUTOCAD (2D)
<b>14<sup>TH</sup></b>	14	Practice on making complete Single storey plan of using AUTOCAD (2D)
<b>15<sup>TH</sup></b>	15	<b>SESSIONAL TEST-3</b>