SDP Course Content

Name of Course : Autocad 2D Advance (Module-2)
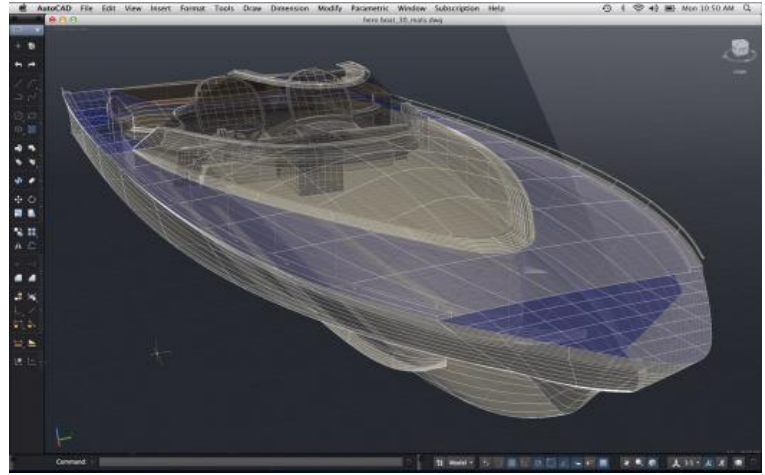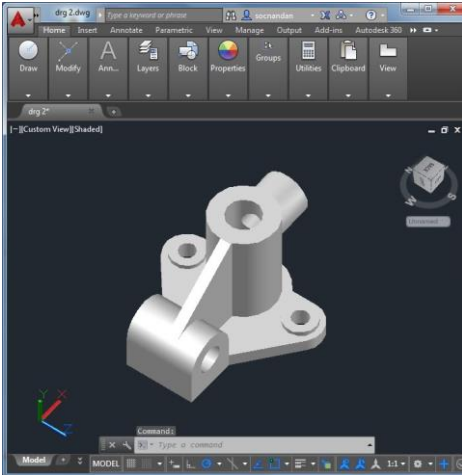
Course Objective:

The objective of this short term course is to understand the functionality of the AutoCAD software, its usefulness in Engineering Drawing and real life object designing whereby students will get a direction to shape out his own imagination.

Syllabus

Sr. No.	Name of Unit/Topics	Hrs. Allotted
1	**Unit 1: Object property tool**	**2**
A	Colour	
B	Line type	
C	Line Weight	
D	Match Properties	
2	**Unit 2 : Layer tool palatte**	**2**
A	Layer tools	
B	Fill	
3	**Unit 3 : Text**	**2**
A	Q text, M text	
B	Text style	
4	**Unit 4 Modification of object**	**4**
A	Mirror, Offset, Rotate, Align	
B	Chamfer, Fillet	
C	Lenghthen, Measure, Area, Distance	
D	Break, Join, Region, Boundary,	
E	Point	

Sr. No.	Name of Unit/Topics	Hrs. Allotted
5	**Unit 5 Creating section line**	2
A	Section along XX,YY,ZZ	
6	**Unit 6 Creating object pattern**	2
A	Array	
B	Hatch	
C	Gradient	
7	**Unit 7 Creating different types of lines**	1
A	Block, Wblock, Insert	
8	**Unit 8 Printing**	1
A	Printing Plot	
	Total Hrs	**16**

Coordinator details and timing:

Course Duration	16 Hrs.
Course Coordinator	Prof. Vandan Vyas
Batch Size	20
Course Fee	NIL
Targeted Audiance	First year Mechanical Students

Resourse requirement:

Infrastructure requiremnent	Computer Lab with projector
Hardware / Software	AUTOCAD 2013/2014
Consumable	NIL
Special Equipment	20 PC With Autocad software

Sr. No.	Criteria	Marks
1	MCQ test	20
2	Drawing exam	30
3	Model	NIL
4	Mini project	NIL
Passing criteria: More than 50% marks in all component		

Course Outcome:

- At present and in future it will be desirable additional qualifications for good opening in industry.
- Students will able to make 2D drawing of **complicated** machine parts, component, accessories etc
- Specially designed course with full Practical Training inclusive of a final Project on Industrial Drawing.
- Modern AUTOCAD skills to place you ahead of the competition in this fast-growing industry.
- Certificate at the successful completion of the course.