

## Lesson Plan

Name of the Faculty: Ms. Loveleen Sharma

Discipline: Aeronautical Engineering

Semester: 5<sup>th</sup>

Subject: Cad Cam Lab

Work Load (Lecture/Practical) per week (in hours): Lectures- , Practicals-

Week	Theory		Practical	
	Lecture day	Topic (including assignment/test)	Practical day	Topic
1 <sup>st</sup>	1 <sup>st</sup>		1 <sup>st</sup>	1. Scaling, rotation, translation, editing, dimensioning – Typical CAD command structure.
	2 <sup>nd</sup>			
	3 <sup>rd</sup>			
	4 <sup>th</sup>			
2 <sup>nd</sup>	5 <sup>th</sup>		2 <sup>nd</sup>	Scaling, rotation, translation, editing, dimensioning – Typical CAD command structure.
	6 <sup>th</sup>			
	7 <sup>th</sup>			
	8 <sup>th</sup>			
3 <sup>rd</sup>	9 <sup>th</sup>		3 <sup>rd</sup>	2. Wire frame modeling – surface modeling
	10 <sup>th</sup>			
	11 <sup>th</sup>			
	12 <sup>th</sup>			
4 <sup>th</sup>	13 <sup>th</sup>		4 <sup>th</sup>	Wire frame modeling – surface modeling
	14 <sup>th</sup>			
	15 <sup>th</sup>			
	16 <sup>th</sup>			
5 <sup>th</sup>	17 <sup>th</sup>		5 <sup>th</sup>	3. Solid Modeling
	18 <sup>th</sup>			
	19 <sup>th</sup>			
	20 <sup>th</sup>			
6 <sup>th</sup>	21 <sup>st</sup>		6 <sup>th</sup>	4. Taper Turning – Straight Interpolation
	22 <sup>nd</sup>			
	23 <sup>rd</sup>			
	24 <sup>th</sup>			
7 <sup>th</sup>	25 <sup>th</sup>		7 <sup>th</sup>	5. Taper Turning – Circular Interpolation
	26 <sup>th</sup>			
	27 <sup>th</sup>			
	28 <sup>th</sup>			
8 <sup>th</sup>	29 <sup>th</sup>		8 <sup>th</sup>	6. Incremental programme G 90 operation.
	30 <sup>th</sup>			
	31 <sup>st</sup>			
	32 <sup>nd</sup>			

9 <sup>th</sup>	33 <sup>rd</sup>		9 <sup>th</sup>	7. Mirroring.
	34 <sup>th</sup>			
	35 <sup>th</sup>			
	36 <sup>th</sup>			
10 <sup>th</sup>	37 <sup>th</sup>		10 <sup>th</sup>	8. Incremental Programme G 91 operation
	38 <sup>th</sup>			
	39 <sup>th</sup>			
	40 <sup>th</sup>			
11 <sup>th</sup>	41 <sup>st</sup>		11 <sup>th</sup>	Incremental Programme G 91 operation
	42 <sup>nd</sup>			
	43 <sup>rd</sup>			
	44 <sup>th</sup>			
12 <sup>th</sup>	45 <sup>th</sup>		12 <sup>th</sup>	9. Absolute Programme G 90 operation
	46 <sup>th</sup>			
	47 <sup>th</sup>			
	48 <sup>th</sup>			
13 <sup>th</sup>	49 <sup>th</sup>		13 <sup>th</sup>	Absolute Programme G 90 operation
	50 <sup>th</sup>			
	51 <sup>st</sup>			
	52 <sup>nd</sup>			
14 <sup>th</sup>	53 <sup>rd</sup>		14 <sup>th</sup>	10. Absolute Programme G 91 operation
	54 <sup>th</sup>			
	55 <sup>th</sup>			
	56 <sup>th</sup>			
15 <sup>th</sup>	57 <sup>th</sup>		15 <sup>th</sup>	Absolute Programme G 91 operation
	58 <sup>th</sup>			
	59 <sup>th</sup>			
	60 <sup>th</sup>			