

# LESSON PLAN

DEPARTMENT OF MECHANICAL ENGINEERING, ITT, CHOUDWAR

SUBJECT:WORKSHOP PRACTICE-II (PR-3) Periods:2 CLASS DAYS/WEEK SEMESTER:3<sup>rd</sup>

NAME OF FACULTY: Manoj Kumar Jena, Instructor(Workshop) No. of weeks: 15

Week	Class Day (3 Hrs/Day)	Theory / Practical Topics
1 <sup>st</sup>	1 <sup>st</sup>	Fitting practices -Preparation of caliper
	2 <sup>nd</sup>	Preparation of caliper
2 <sup>nd</sup>	1 <sup>st</sup>	Preparation of caliper
	2 <sup>nd</sup>	Preparation of try square
3 <sup>rd</sup>	1 <sup>st</sup>	Preparation of try square
	2 <sup>nd</sup>	Preparation of try square
4 <sup>th</sup>	1 <sup>st</sup>	Preparation of hammer, square
	2 <sup>nd</sup>	Preparation of hammer, square
5 <sup>th</sup>	1 <sup>st</sup>	Preparation of hammer Hexagonal
	2 <sup>nd</sup>	Preparation of hammer Hexagonal
6 <sup>th</sup>	1 <sup>st</sup>	Smithy Practices Preparation of door ring with hook
	2 <sup>nd</sup>	door ring with hook
7 <sup>th</sup>	1 <sup>st</sup>	Preparation of hexagonal head bolt
	2 <sup>nd</sup>	Preparation of hexagonal head bolt
8 <sup>th</sup>	1 <sup>st</sup>	Preparation of octagonal flat chisel
	2 <sup>nd</sup>	Preparation of octagonal flat chisel
9 <sup>th</sup>	1 <sup>st</sup>	Carpentry Practices Cutting of slot, Cutting of botch
	2 <sup>nd</sup>	mortise and Tenon Joint
10 <sup>th</sup>	1 <sup>st</sup>	mortise and Tenon Joint
	2 <sup>nd</sup>	mortise and Tenon Joint
11 <sup>th</sup>	1 <sup>st</sup>	Preparation of single dove tail joint
	2 <sup>nd</sup>	Preparation of single dove tail joint
12 <sup>th</sup>	1 <sup>st</sup>	Lap Joint using Arc Welding
	2 <sup>nd</sup>	Lap Joint using Arc Welding
13 <sup>th</sup>	1 <sup>st</sup>	Butt Joint using Arc Welding
	2 <sup>nd</sup>	Butt Joint using Arc Welding
14 <sup>th</sup>	1 <sup>st</sup>	Lap Joint using Gas Welding
	2 <sup>nd</sup>	Lap Joint using Gas Welding
15 <sup>th</sup>	1 <sup>st</sup>	Joining Two non-ferrous parts through
	2 <sup>nd</sup>	Joining Two non-ferrous parts through

*MKS*

Sign. of Faculty