

Lesson Plan

Name of Faculty : Jagjeet Singh, Assistant Professor
Discipline : ECE
Semester : 1st
Subject : **ESC/4-P, Workshop/Manufacturing Practices**
Lesson Plan Duration: 15 Weeks
Work Load (Lecture/Practical) per week (in hours): Practical 04 hours

Week	Topic	%Syllabus Covered	Remarks
1 st	To prepare plant layout of workshop and introduction of different shops.		
2 nd	To prepare lap and T-Joints with the help of electric arc welding.		
3 rd	To prepare butt joint with thin metal sheets using MIG and TIG welding.		
4 th	To study different types of machine tools (lathe shaper, milling and drilling machines).		
5 th	To prepare a job on lathe machine involving facing, outside turning, taper turning, step turning, radius making parting off and knurling.		
6 th	Internal Viva-Voce-I		
7 th	Minor Test- I		
8 th	To prepare a job such as V-block on shaper.		
9 th	To study different types of fitting tools used in fitting shop.		
10 th	To study different types of measuring tools used in metrology and determine least count of vernier caliper, micrometer and vernier height gauge.		
11 th	To prepare different shapes using fitting tools such as cross shape, L-Shape or T-Shape in fitting shop.		
12 th	To study various carpentry tools in the carpentry shop.		
13 th	To prepare wooden T and Cross in the carpentry shop		
14 th	Minor Test- II		
15 th	Internal Viva-Voce-II		