

Course code	Course Name	L-T-P-Credits	Year of Introduction
AO331	AIRFRAME PRODUCTION AND MAINTENANCE LAB	0-0-3-1	2016
Course Objectives			
<ul style="list-style-type: none"> To give training on riveting, patchwork, welding and carpentry 			
List of experiments			
<ol style="list-style-type: none"> Aircraft wood gluing-single scarf joint Aircraft wood gluing-double scarf joint Study on MIG, TIG & PLASMA welding of aircraft components Welded single & double V-joints. Fabric Patch repair Riveted patch repairs. Tube bending and flaring Sheet metal forming. Preparation of glass epoxy of composite laminates and specimens. Determination of elastic constants of composite specimens. Plain Turning operation on Lathe. Plain Milling Exercise. TIG welding practice of basic joints MIG welding practice of basic joints PLASMA welding practice of basic joints 			
Expected Outcome			
<ul style="list-style-type: none"> The students will get hands on experience in doing minor works in airframe production and maintenance. 			
END SEMESTER EXAM			

