

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 jointAircraft wood gluing-double scarf jointStudy on MIG, TIG & PLASMA welding of aircraft componentsWelded single & double V-joints.Fabric Patch repairRiveted patch repairs.Tube bending and flaringSheet 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 jointsMIG welding practice of basic jointsPLASMA 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			

