

Course Number and Name												
BCM2L1 & Basic Civil & Mechanical engineering Practices Laboratory												
Credits and Contact Hours												
1 & 30												
Course Coordinator's Name												
Mr.Saravana Kumar & Mr.Pradeep Kumar												
Text Books and References												
Text Books: Lab Manual												
Course Description												
To provide exposure to the students with hands on experience on various basic Civil & Mechanical Engineering practices												
Prerequisites						Co-requisites						
Nil						Basic Civil and Mechanical Engineering						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Learn Basic concepts CO2: Students will get exposure regarding pipe connection for pumps & turbines and to study the joint used in roofs, doors, windows and furniture's CO3: Students will get exposure regarding smithy, foundry operations and in latest welding operations such as TIG, MIG, CO2, spot welding etc., CO4: Students will get hands on experience on basic welding techniques, machining and sheet metal works CO5: Students will get hands on experience on basic machining techniques CO6: Students will get hands on experience on basic sheet metal techniques												
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
CO1	H	L										
CO2				H								
CO3					H	L	L					
CO4		H				M		L			H	
CO5		H				M		L			H	
CO6		H				M		L			H	