

Discipline: Electrical Engineering	Semester : 3 <sup>rd</sup> Semester 2020- 21	Name of the Teaching faculty: C R Meher (Lect.)/N R Kumura(Lab assistant workshop)
Subject : Mechanical workshop	No. of Days/Week Class Allotted: 60	Semester from date: / /2020 to date: / /2020 No of weeks :18
Week	Class Day	Practical Topics
1 <sup>st</sup>	1 <sup>st</sup>	Introduction of workshop
	2 <sup>nd</sup>	Introduction of workshop
2 <sup>nd</sup>	1 <sup>st</sup>	Safety precaution in workshop
	2 <sup>nd</sup>	Safety precaution in workshop
3 <sup>rd</sup>	1 <sup>st</sup>	Safety precaution of carpentry shop
	2 <sup>nd</sup>	Safety precaution of carpentry shop
4 <sup>th</sup>	1 <sup>st</sup>	Introduction of different types of tools in carpentry shop
	2 <sup>nd</sup>	Introduction of different types of tools in carpentry shop
5 <sup>th</sup>	1 <sup>st</sup>	Introduction of different types of tools in carpentry shop
	2 <sup>nd</sup>	Introduction of different types of tools in carpentry shop
6 <sup>th</sup>	1 <sup>st</sup>	Name of carpentry tools and uses
	2 <sup>nd</sup>	Name of carpentry tools and uses
7 <sup>th</sup>	1 <sup>st</sup>	Sawing operation
	2 <sup>nd</sup>	Sawing operation
8 <sup>th</sup>	1 <sup>st</sup>	Planning operation
	2 <sup>nd</sup>	Planning operation
9 <sup>th</sup>	1 <sup>st</sup>	Chiseling operation
	2 <sup>nd</sup>	Chiseling operation
10 <sup>th</sup>	1 <sup>st</sup>	Introduction different types of Measuring & Marking tools
	2 <sup>nd</sup>	Introduction different types of Measuring & Marking tools
11 <sup>th</sup>	1 <sup>st</sup>	Different types of timbers used by carpenters, substitutions of timbers.
	2 <sup>nd</sup>	Different types of timbers used by carpenters, substitutions of timbers.
12 <sup>th</sup>	1 <sup>st</sup>	Slot. Notch
	2 <sup>nd</sup>	Slot. Notch
13 <sup>th</sup>	1 <sup>st</sup>	Mortise and tenon joint
	2 <sup>nd</sup>	Mortise and tenon joint

14 <sup>th</sup>	1 <sup>st</sup>	Single dovetail joint
	2 <sup>nd</sup>	Single dovetail joint
15 <sup>th</sup>	1 <sup>st</sup>	Introduction Turning operation
	2 <sup>nd</sup>	Introduction Turning operation
16 <sup>th</sup>	1 <sup>st</sup>	Study of S. C. Lathes and their accessories
	2 <sup>nd</sup>	Study of S. C. Lathes and their accessories
17 <sup>th</sup>	1 <sup>st</sup>	practice in lathe work involving various operations such as plane turning, step turning, taper turning, knuckling and external V. Threading.
	2 <sup>nd</sup>	practice in lathe work involving various operations such as plane turning, step turning, taper turning, knuckling and external V. Threading.
18 <sup>th</sup>	1 <sup>st</sup>	practice in lathe work involving various operations such as plane turning, step turning, taper turning, knuckling and external V. Threading.
	2 <sup>nd</sup>	practice in lathe work involving various operations such as plane turning, step turning, taper turning, knuckling and external V. Threading.