

<b>Discipline: Mechanical Engineering</b>	<b>Semester : 4<sup>TH</sup> Semester</b>	<b>Name of the Teaching Faculty: SEKHAR KUMAR SAHU (PTGF)/NIKHILA RANJAN KUMURA (LAB. ASST)</b>
<b>Subject: WORKSHOP - III Practical</b>	<b>No. of Days/week Class Allotted: 90</b>	<b>No of weeks: 18</b>
<b>week</b>	<b>Class Day</b>	<b>Practical Topics</b>
1 <sup>st</sup>	1 <sup>st</sup>	INTRODUCTION
	2 <sup>nd</sup>	INTRODUCTION
2 <sup>nd</sup>	1 <sup>st</sup>	Safety practice in workshop
	2 <sup>nd</sup>	Safety practice in workshop
3 <sup>rd</sup>	1 <sup>st</sup>	Job in evolving drilling
	2 <sup>nd</sup>	Job in evolving drilling
4 <sup>th</sup>	1 <sup>st</sup>	Job in evolving boring
	2 <sup>nd</sup>	Job in evolving boring
5 <sup>th</sup>	1 <sup>st</sup>	Job in evolving boring
	2 <sup>nd</sup>	Internal threading on Turning jobs
6 <sup>th</sup>	1 <sup>st</sup>	Internal threading on Turning jobs
	2 <sup>nd</sup>	External threading on Turning jobs
7 <sup>th</sup>	1 <sup>st</sup>	External threading on Turning jobs
	2 <sup>nd</sup>	Job in evolving use of Capstan and turret lathe
8 <sup>th</sup>	1 <sup>st</sup>	Job in evolving use of Capstan and turret lathe
	2 <sup>nd</sup>	Job in evolving use of Capstan and turret lathe
9 <sup>th</sup>	1 <sup>st</sup>	Job in evolving use of Capstan and turret lathe
	2 <sup>nd</sup>	Taper Turning
10 <sup>th</sup>	1 <sup>st</sup>	Taper Turning
	2 <sup>nd</sup>	Taper Turning
11 <sup>th</sup>	1 <sup>st</sup>	Chamfering
	2 <sup>nd</sup>	chamfering
12 <sup>th</sup>	1 <sup>st</sup>	Chamfering
	2 <sup>nd</sup>	All gear lathe-machine
13 <sup>th</sup>	1 <sup>st</sup>	Study Job involving all turning process on MS Rod & aluminum rod for jobs using CNC Lathe trainer.
	2 <sup>nd</sup>	Study Job involving all turning process on MS Rod & aluminum rod for jobs using CNC Lathe trainer.
14 <sup>th</sup>	1 <sup>st</sup>	Study Job involving all turning process on MS Rod & aluminum rod for jobs using CNC Lathe trainer.
	2 <sup>nd</sup>	Study Job involving all turning process on MS Rod & aluminum rod for jobs using CNC Lathe trainer.

15 <sup>th</sup>	1 <sup>st</sup>	Shaper
	2 <sup>nd</sup>	Shape
16 <sup>th</sup>	1 <sup>st</sup>	Milling Machine
	2 <sup>nd</sup>	Milling Machine
17 <sup>th</sup>	1 <sup>st</sup>	Milling Machine
	2 <sup>nd</sup>	Revision 1
18 <sup>th</sup>	1 <sup>st</sup>	Revision 2
	2 <sup>nd</sup>	Revision 3