



SRI VENKATESWARA COLLEGE OF ENGINEERING

COURSE DELIVERY PLAN - LABORATORY

Department of Automobile Engineering		LP: AE22312
B.E/B.Tech/M.E/M.Tech : Automobile Engineering		Rev. No: 00
Regulation: 2018A		Date: 02.08.23
PG Specialisation	: Not Applicable	
Sub. Code / Sub. Name	: AE22312 PRODUCTION TECHNOLOGY LABORATORY	

Session No*	List of Experiments
CYCLE I	
1	Facing and Straight turning on a Lathe
2	Facing, Step turning, Grooving and Knurling on a Lathe
3	Taper turning operation on a Lathe
4	Thread cutting operation on a Lathe
5	Drilling, Boring and Internal screw cutting on a Lathe
6	Drilling on PCD, Tapping and Reaming on a Radial drilling machine
CYCLE II	
7	Shaping round to hexagon on a Milling machine
8	Spur gear cutting on a Milling machine
9	Generating spur gear on a gear blank using Gear hobber
10	External key way cutting on a Planer
11	Dovetail cutting on a Shaper
12	Grinding of cylindrical components on a Cylindrical grinding machine
13	Grinding of cylindrical components on a Centreless grinder
Content beyond syllabus (if any):	
Grooving, Knurling, Drilling, and Boring on a Lathe (Experiments in Session 1 & Session 5)	

* Session Duration: 150 minutes



SRI VENKATESWARA COLLEGE OF ENGINEERING

COURSE DELIVERY PLAN - LABORATORY

Sub. Code / Sub. Name: AE22312 PRODUCTION TECHNOLOGY LABORATORY

	Prepared by	Approved by
Signature	<i>J. Dhanabal</i>	<i>J. Venkatesan</i>
Name	J. Dhanabal	Dr. J. Venkatesan
Designation	Asst. Professor	Professor & Head
Date	02.08.2023	02.08.2023
Remarks* :		
Remarks* :		

* If the same lab plan is followed in the subsequent semester/year it should be mentioned and signed by the Faculty and the HOD