



Department of Automobile Engineering	LP: <b>AE22311</b>
B.E/B.Tech/M.E/M.Tech : <b>Automobile Engineering</b>	Rev. No: 00
PG Specialisation : Not Applicable	Date: <b>27/07/2023</b>
Sub. Code / Sub. Name : <b>AE22311 / Fluid Mechanics and Hydraulic Machines Laboratory</b>	

Session No*	List of Experiments
<b>CYCLE - I</b>	
1	Determination of the Coefficient of discharge of given Orifice meter.
2	Determination of the Coefficient of discharge of given Venturi meter.
3	Calculation of the rate of flow using Rota meter.
4	Determination of friction factor for a given set of pipes.
5	Conducting experiments and drawing the characteristic curves of centrifugal pump
<b>CYCLE - II</b>	
6	Conducting experiments and drawing the characteristic curves of reciprocating pump.
7	Conducting experiments and drawing the characteristic curves of Gear pump.
8	Conducting experiments and drawing the characteristic curves of Pelton wheel.
9	Conducting experiments and drawing the characteristics curves of Francis turbine.
10	Conducting experiments and drawing the characteristic curves of Kaplan turbine.
Content beyond syllabus (if any):	



\* Session Duration: 150 minutes



## SRI VENKATESWARA COLLEGE OF ENGINEERING

## COURSE DELIVERY PLAN - LAB

Sub. Code / Sub. Name: AE22311 / Fluid Mechanics and Hydraulic Machines Laboratory

	Prepared by	Approved by
Signature		
Name	RAMANJANEYULU KOLLA	Dr. J. VENKATESAN
Designation	ASSISTANT PROFESSOR	PROFESSOR & HOD
Date	27/07/2023	27/07/2023
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