



SRI VENKATESWARA COLLEGE OF ENGINEERING
(AUTONOMOUS)
COURSE DELIVERY PLAN - LABORATORY

Department of Marine Engineering		LP: MR18412
		Rev. No: 00
B.E	: Marine Engineering	Regulation: 2018
PG Specialisation	: NA	Date: 01.03.22
Sub. Code / Sub. Name	: MR18412 Thermal Engineering and Boiler chemistry Laboratory	

Session No*	List of Experiments
CYCLE-I	
1	Determination of Flash And Fire Point of given oil
2	Determination of Viscosity of oil using Redwood Viscometer
3	Performance Test on Diesel Engine with AVL Setup
4	Performance Test on Air Blower
5	Performance Test on Two Stage Reciprocating Air Compressor
6	Determination of C.O.P of Refrigeration Test Rig
7	Performance Test on Air Conditioning Test Rig
CYCLE-II	
8	Determination of Calorific Value of Liquid Fuels
9	Performance Test on Steam Turbine
10.	Determination of Dryness Fraction of Steam using Steam Calorimeter
11	Heat Balance Test on Diesel Engine.
Content beyond syllabus (if any): NIL	

* Session Duration: 150 minutes



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Session No/ Week	BATCHES			
	A1	A2	A3	A4
1	1	2	3	4
2	2	3	4	1
3	3	4	1	2
4	4	1	2	3
5	5	6	7	8
6	6	7	8	5
7	7	8	5	6
8	8	5	6	7
9	9	10	11	11
10	10	11	9	9
11	11	9	10	10

	Prepared by	Approved by
Signature	<i>A. Sankaran</i>	<i>S. Krishnan</i>
Name	Dr.A.Sankaran	S.KRISHNAN
Designation	Assistant Professor	Professor & Head
Date	01.03.22	01.03.22
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