



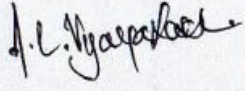

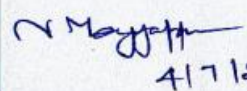
Department of Chemical Engineering	LP: CH22512 Rev. No: 00
B.E/B.Tech/M.E/M.Tech : Chemical Engineering Regulation: R - 2022 PG Specialisation : N/A Sub. Code / Sub. Name : CH22512 - Heat Transfer Laboratory	Date: 04-07-2024

Session No*	List of Experiments
1	Transient Heat Conduction with Constant Heat Flux
2	Heat Transfer studies in Shell and tube heat exchanger
3	Heat Transfer studies in Double Pipe Heat Exchanger
4	Heat Transfer studies in Helical Coil Heat Exchanger
5	Heat Transfer studies in Bare and Finned Tube Heat Exchanger
6	Heat Transfer studies in a Vertical Condenser
7	Heat Transfer studies in Open Pan Evaporator
8	Heat Transfer Coefficient in Jacketed Vessel
9	Heat Transfer by Forced Convection
10	Heat Transfer by Natural Convection
11	Determination of Stefan Boltzmann constant.
12	Emissivity Measurement

* Session Duration: 150 minutes



Sub. Code / Sub. Name: CH18512 - Heat Transfer Laboratory

	Prepared by		Approved by
Signature			 4/7/24
Name	Ms. A. C. Vijayalakshmi	Dr. D. Sivakumar	Dr. N. Meyyappan
Designation	Assistant Professor		Professor & Head
Date	04 - 07 - 2024		04 - 07 - 2024
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