

Course Type	Course Code	Name of the Course	L	T	P	Credits
DP	CHC305	Mass Transfer Lab	0	0	3	3

Course Objective
The course is aimed to impart hands-on training on various fundamental aspects of mass transfer and their applications in process industries.
Learning Outcomes
Students would learn about various concepts of mass transfer as well as functioning of relevant equipment.

Unit No.	List of Experiments
1	Calibration of refractometer
2	Determination of gas diffusivity
3	Determination of mass transfer coefficient
4	Verification of Rayleigh equation – simple distillation
5	Liquid-liquid extraction phase diagram
6	Adsorption equilibrium study of acetic acid using commercial activated carbon
7	Effect solvent quantity on Leaching
8	Drying characteristics in a Tray dryer
9	Demonstration of Computer-controlled Absorption Column