

1.	Title of the course	Applied Process Engineering-II
2.	Course number	CH217G
3.	Structure of credits (L-T-P-C)	0-0-0-1
4.	New course/modification to	Modified with CH207G/APPLIED PROCESS ENGINEERING-II
5.	To be offered by	Chemical Engineering
6.	Prerequisite	None
7.	Course Objective(s): To analyze and design process equipment as applicable, using the concepts introduced in previous semesters.	
8.	Course Content: Perform thermodynamic analysis and design fluid flow and heat transfer equipment for a given process.	
9.	Textbook(s): 1. Sinnott R K and Towler G, Coulson and Richardson's Chemical Engineering: Chemical Engineering Design, Volume 6, 3rd Edition, Butterworth-Heinemann (2015).	
10.	Reference(s): 1. Green D W and Southard M Z, Perry's Chemical Engineers' Handbook, 9th Edition, McGraw Hill (2018). 2. Sinnott R K and Towler G, Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design, 2nd Edition, Butterworth-Heinemann (2012).	