

1.	Title of the course	Applied Process Engineering III
2.	Course number	CH3150
3.	Status of the course	Core
4.	Structure of credits	- - -1
5.	Offered to	UG
6.	New course/modification to	New course
7.	To be offered by	Department of Chemical Engineering
8.	To take effect from	July 2021
9.	Prerequisite	Nil
10.	Whether approved by the Department	Yes
11.	<b>Course Objective(s):</b> To design units of the overall process using the appropriate tools introduced in the current semester.	
12.	<b>Course Content:</b> To identify and design separation process equipment in the assigned process flow sheet.	
13.	<b>Textbook(s):</b> 1. Sinnott R K and Towler G, <i>Coulson and Richardson's Chemical Engineering: Chemical Engineering Design, Volume 6</i> , 3rd Edition, Butterworth-Heinemann (2015).	
14.	<b>Reference(s):</b> 1. Green D W and Southard M Z, <i>Perry's Chemical Engineers' Handbook</i> , 9th Edition, McGraw Hill (2018). 2. Sinnott R K and Towler G, <i>Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design</i> , 2nd Edition, Butterworth-Heinemann (2012).	