

1.	Title of the course	Chemical Technology
2.	Course number	CH317M
3.	Structure of credits (L-T-P-C)	1-0-2-2
4.	New course/modification to	New
5.	To be offered by	Chemical Engineering
6.	Proposed by	M Nabil
7.	Prerequisite	None
8.	<b>Course Objective(s):</b> To discuss the traditional and contemporary chemical manufacturing processes.	
9.	<b>Course Content:</b> Overview of chemical process industries; Manufacture of bulk chemicals; Fertilizers; Petroleum products; Polymers; Pharmaceuticals; Fine and speciality chemicals; Paper and pulp; Food processing; Biofuels; Electronic materials; Batteries; Processing e-waste.	
10.	<b>Textbook(s):</b> 1. Rao M G and Sittig M, Dryden's Outlines of Chemical Technology, East West (1997). 2. Moulijn J A and Makkee M, Chemical Process Technology, 2nd Edition, Wiley (2013).	
11.	<b>Reference(s):</b> 1. Austin G T, Shreve's Chemical Process Industries, 5th Edition, McGraw Hill Education (2017). 2. Jess A and Wasserscheid P, Chemical Technology: From Principles to Products, 2nd Edition, Wiley-VCH (2020).	