Campus:	Main campus
Faculty:	Faculty of Chemical Metallurgical and Polymer Engineering
Department:	Department of Chemical Engineering
OBE coordinator	Dr. H. M. Zaheer Aslam

Noe: Mapping can be done by matching the keywords or statement parts of each CLO (or course discription) with SDGs. Please see the additional sheets for more details. In following table, we only need Course-SDGs mapping for all the courses.

							Courses	and SDGs	mapping											
				SDG 1	SDG 2	SDG 3	SDG 4	SDG 5		SDG 7	SDG 8	SDG 9	SDG 10	SDG 11	SDG 12	SDG 13	SDG 14	SDG 15	SDG 16	SDG 17
	Sr#	Code	Course	No Poverty	Zero Hunger	Good Health and Well- being	Quality Education	Gender Equality	Clean Water and Sanitation	Affordabl e and Clean Energy	Decent Work and Economic Growth	Industry, Innovatio n and Infrastruc	Reduced Inequality	Sustainab le Cities and	Responsi ble Consump tion and	Climate Action	Life Below Water	Life on Land	Peace & Justice Strong Institutio	Partnersh ips to achieve SDGs
						Semig			Samuelon	z.i.e.gy	G. G. W. C.	ture		Communi ties	Productio n				ns	3503
1st Semester	1	ChE-101	Industrial Stoichiometry – I												✓					
	2	ChE-108	Fluid Flow-I									✓								
2nd Semester	3	ChE-104	Health and Safety at Workplace			✓								✓						
	4	ChE-109 &ChE-109L	Chemical Process Industries												✓					
	6	ChE-201	Industrial Stoichiometry – II												✓					
3rd Semester	7	ChE-203 & ChE-203L	Particle Technology									√								
	8	ChE-204 & ChE-204L	Chemical Engineering Thermodynamics – I							√										
4th Semester	9	ChE-208 & ChE-208L	Fluid Flow-II									√								
	10	ChE-209 & ChE-209L	Process Heat Transfer									√								
	11	ChE-210 & ChE-210L	Separation processes-I									√								
	12	ChE-301& ChE-301L	Chemical Reaction Engineering												√					
	13	ChE-311	Engineering Materials									√								
5th Semester	14	ChE-312 & ChE-312L	Unit Processes												√					
	15	ChE-304	Chemical Engineering Thermodynamics – II							√										
	16	ChE-313	Chemical Process Design & Economics								√	√								
	17	ChE-314	Chemical Engineering Mathematics												√					
Cab Company	18	ChE-310 & ChE-310L	Separation Processes-II									√								
6th Semester	19	ChE-307	Transport Phenomena												√					
	20	ChE-308 & ChE-308L	Energy Engineering							√										
	21	ChE-315 L	Process Modeling and Simulation									√								
	22	ChE-401	Chemical Reactor Design												√					
	23	ChE-409	Chemical Process Equipment Design and Rating									√			√					
7th Semester	24	ChE-404 & ChE-404L	Instrumentation and Control									√								
	25	ChE-414	Computational Fluid Dynamics									√								
	26	ChE-410	Engineering Management								√									√
	27	ChE-411	Final Year Project – I*																	
	28	ChE-406 & ChE-406L	Environmental Engineering						√							√				
	29	ChE-419	Maintenance Engineering									√								

8th Se	emester	30	ChE-420	Gas Engineering					√		√			
		31	ChE-410	Polymer Engineering					√					
		32	ChE-412	Final Year Project – II*										

^{*} Will be provided by Dr. Asif.