

CO-PO-PSO Mapping B.E.Chemical Engineering

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
FE	I	Chemistry	819101.1	2	2					2					2			
			819101.2	2	2	2		2		2					2			
			819101.3	2						2					2			
			819101.4	2	2	2				2					2			
			819101.5	2	2	2		2							2			
			819101	2	2	2		2		2					2			
FE	I	Engineering Graphics	819104.1	3	3	3		3					3					
			819104.2	3	2	3		3					2					
			819104.3	3	3	3		3					3					
			819104.4	2	2	3		3					3					
			819104	2.75	2.5	3		3					2.8					
FE	I	English	819103.1	2							2		2					
			819103.2	2				2			2		2					
			819103.3	2									2					
			819103.4	2										2				
			819103	2				2			2		2	2				
FE	I	Mathematics-I	819102.1	3	3	2												
			819102.2	3	2	3												
			819102.3	3	3	2												
			819102.4	3	2	2												
			819102	3	2.5	2.25												
FE	I	Chemistry Lab	819106.1	3	2	3			2	2					2			
			819106.2	3	2	2			2	2					2			
			819106.3	3	2	2			2	2					2			
			819106.4	3	2	3			2	2					2			
			819106	3	2	2.5			2	2					2			
FE	I	Engineering Graphics Lab	819108.1	3	3	3		3					3					
			819108.2	3	2	3		3					2					
			819108.3	3	3	3		3					3					

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
FE	II	Programming for Problem Solving	819204.1	3	2	2	1		2	1					2			
			819204.2	3	2	2	1		2	1					2			
			819204.3	3	2	2	1		2	1					2			
			819204.4	3	2	2	1		2	1					2			
			819204.5	3	2	2	1		2	1					2			
			819204.6	3	2	2	1		2	1					2			
			819204	3	2	2	1		2	1					2			
FE	II	Physics Lab	819205.1	3	3	3	3	3			1	1	2	2	2			
			819205.2	3	3	3	3	3					2		1			
			819205.3	3	2	2	2	1				1	1					
			819205.4	3	2	1	3	3					2		1			
			819205.5	3	2	1	1	2					1					
			819205.6	3	3	3	3	3			1	1	2	2	2			
			819205	3	2.5	2.17	2.5	2.5			1	1	1.666	2	1.5			
FE	II	Basic Electrical and Electronics Engineering Lab.	819206.1	2	2													
			819206.2	3	3													
			819206.3	3	2													
			819206.4	2	2													
			819206.5	2	2													
			819206.6	2	2													
			819206	2.33	2.16													
FE	II	Programming for Problem Solving Lab	819207.1	3	2	2	1		2	1					2			
			819207.2	3	2	2	1		2	1					2			
			819207.3	3	2	2	1		2	1					2			
			819207.4	3	2	2	1		2	1					2			
			819207.5	3	2	2	1		2	1					2			
			819207.6	3	2	2	1		2	1					2			

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
			819207	3	2	2	1		2	1					2			
SE	III	Industrial Chemistry	819301.1	3	2			1				3			3	3	2	2
			819301.2	3	3	2	2	1					3			3	2	
			819301.3	3	3		2	1	2							3		
			819301.4		3	2	2		2	2				2			2	2
			819301.5	3	2	2	2		2	2	2	3	2	2	2	3	2	2
			819301	3	2.6	2	2	1	2	2	2	3	2.5	2	2.5	3	2	2
SE	III	Thermodynamics-I	819302.1	3	2	3	2	1		2		2		2		3		2
			819302.2	3	3	3	3	1		2		2	2	2		3	2	2
			819302.3	3	2	3	3	1	1	2	2	2	2	2	2	3	2	2
			819302.4	3	2	2							2	2		1		2
			819302.5	3	2	1	2	1	1	2			2				2	1
			819302	3	2.2	2.4	2.5	1	1	2	2	2	2	2	2	2.5	2	1.8
SE	III	Engineering and Solid Mechanics	819303.1	3		1	1	1		2	1	2				3		2
			819303.2	1	2		2			2		2	2	2	2	3	1	2
			819303.3	2	2	1	3	1		2	1	2	2	2	2	2	1	2
			819303.4	3	2	1	3			2				2	2	2		
			819303.5	2		1	1	1	1	2	1					1	1	
			819303	2.2	2	1	2	1	1	2	1	2	2	2	2	2.2	1	2
SE	III	Fluid Mechanics	819304.1	3	1	1	1	1	1	1	1	2		1		2	2	2
			819304.2	3	3	3	3	1	1	1		2	2	2		2	2	1
			819304.3	2	2	2	3		1	1		2	2	1	2	2	2	1
			819304.4	3	1	2	2			1		2			1	3	3	1
			819304.5	1	3	3	3	1	1				2	2		3	3	1
			819304	2.4	2	2.2	2.4	1	1	1	1	1	2	1.5	1.5	2.4	2.4	1.2

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
SE	III	Industrial Organization and Management	819305.1	2	2	2	2	2	2	2	3		2	3	2	2	2	2
			819305.2	2	2	2	2	2	2	2	3	3		2	2	2	2	2
			819305.3	2	2	2	2		2	2	3	3		2	2	2		2
			819305.4	2	2	2	2	2	2	2	3	3	2	3	2	2		2
			819305.5	2	2	2	2			2	3				2	2	2	1
			819305	2	2	2	2	2	2	2	3	3	2	2.5	2	2	2	1.8
SE	III	Thermodynamics-I Lab	819306.1	3	3	2		2	1	1		1		1		3	1	1
			819306.2	3		1	2	3	1	1		1		1		3	1	1
			819306.3	3	2	1	2	3	1	2		1	2	2			2	
			819306.4	3	1	2	2			2			2	2			2	2
			819306.5	3	2	2	2	2	1	2	2	1	2	2	2		2	2
			819306	3	2	1.6	2	2.5	1	1.6	2	1	2	1.6	2	3	1.6	1.5
SE	III	Fluid Mechanics Lab	819307.1	3	2	2	2	1	1	1	1	2	2	1		2	2	1
			819307.2	3	3	2	2	1	1	1		2	2	1		2	2	1
			819307.3	2	2	3	2		1	1		2	2	1	2	2	2	
			819307.4	3	2	2	2			1		2			1	3	2	1
			819307.5	3	2	2	2		1							1		
			819307	2.8	2.2	2.2	2	1	1	1	1	2	2	1	1.5	2	2	1
SE	III	Chemical Engineering Lab-I	819308.1	3	2			2	2	2	2	3	2	1	3	3	2	1
			819308.2	3	3	2	2	2		2	2		2		2	3	2	2
			819308.3	3	3		2	2	2	2	2				2	3		
			819308.4	3	3	2	2	2	2	2	2			2	2	1	2	2
			819308.5	3	2	2	2	2		2	2	3	2		2	3	2	1
			819308	3	2.6	2	2	2	2	2	2	3	2	1.5	2.2	2.6	2	1.5

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
SE	IV	Biology	819401.1	3	3	3	3									3		
			819401.2	3	3	3	3									2	1	
			819401.3	3	3	3	3									2		1
			819401.4					3									1	
			819401.5	3												2		
			819401	3	3	3	3	3	0	0	0	0	0	0	0	2.3	1	1
SE	IV	Material Science	819402.1	3	2	2	2	1	2	2						3		
			819402.2	2	2	3	2	1	2	2	3	2		2		3	2	2
			819402.3	3	2	3	3	1	1	1	2	2	2	2	2	2	3	2
			819402.4	3	2	2	1		2			1				1		
			819402.5	3	2	1	2	1	1	1	1	1	2	2	2	2	1	2
			819402	2.8	2	2.2	2	1	1.6	1.5	2	1.5	2	2	2	2.2	2	2
SE	IV	Thermodynamics-II	819403.1	3	2	3	2	1				2	1	2		3		2
			819403.2	3	3	3	3	1		2		2	2	2		3	2	2
			819403.3	3	2	3	3	1	1	2	2	2	2	2	2	3	2	2
			819403.4	3	2	2						2	2	2		1		2
			819403.5	3	2	1	2	1	1	2			2	1			2	1
			819403	3	2.2	2.4	2.5	1	1	2	2	2	1.8	1.8	2	2.5	2	1.8
SE	IV	Material and Energy Balance Computations	819404.1	3	3	3	3	1	2	3	3	2	2	2	2	3	3	3
			819404.2	3	3	3	3	1	2	3	3	2	2	2	2	3	3	3
			819404.3	3	3	3	3		2	3	3	2	2	2	2	3	3	3
			819404.4	3	3	3	3		2	3	3	2	2	2	2	3	3	3
			819404.5	3	3	3	3			2	2	2	2	2		2	2	2
			819404	3	3	3	3	1	2	2.8	2.8	2	2	2	2	2.8	2.8	2.8

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
TE	V	Chemical Engineering Lab-III	819508.1	3	2	3	3	1	1	2	2	2	3	1	2	3	3	2
			819508.2	1	2	3	3	1	2	2	2	2	2	1	2	1	2	3
			819508.3	3	2	2	2	1	2	2	1	1	1	2	1	1	2	3
			819508.4	1	2	2	2	1	2	2	2	2	2	2	2	3	2	2
			819508.5	1	2	2	3	1	2	2	2	2	2	1	2	3	2	2
			819508	1.8	2	2.4	2.6	1	1.8	2	1.8	1.8	2	1.4	1.8	2.2	2.2	2.4
TE	V	Minor Project (Stage-I)	819509.1	3	3	3	3	2	3	2	2	2	3	2	2	3	2	1
			819509.2	3	3	3	3	2	2	2	2	2	3	2	2	3	3	2
			819509.3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3
			819509.4	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3
			819509.5	1	1	2	2	2	2	2	2	3	3	3	3	2	2	3
			819509	2.6	2.6	2.8	2.8	2	2.2	2	2	2.4	2.8	2.4	2.4	2.8	2.6	2.4
TE	VI	Mass Transfer-II	819601.1	3	2	2	2	2		2		1		1		3	2	1
			819601.2	3	2	2	2	2	1	2	2	1	1	1	1	2	2	1
			819601.3	3	2	2	2	2	1	2	2	2	1	2	1	2	2	1
			819601.4	1	2	2	2	2	1	2	1	2	1	2	1	2	2	1
			819601.5	1	2	1	1	2	1	1	1	1	1	2	1	2	2	1
			819601	2.2	2	1.8	1.8	2	1	1.8	1.5	1.4	1	1.6	1	2.2	2	1
TE	VI	Chemical Reaction Engineering-II	819602.1	3	1	3			1	2		1	1	1	1	3	1	
			819602.2	3	3	3	3		2	2	2	1	1	1	1	3	2	1
			819602.3	3	3	3	3	1	2	2	2	1	1		1	2	2	2
			819602.4	3	1	3	3		2		2	1	2	1	1	2	2	3
			819602.5	3	3	3	3	1	1	2		1	2	1	1	2	2	2
			819602	3	2.2	3	3	1	1.6	2	2	1	1.4	1	1	2.4	1.8	2

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TE	VI	Chemical Reaction Engineering-II Lab	819607.1	3	1	3			1	2		1	1	1	1	3	1	
			819607.2	3	3	3	3		1	2	2	1	1	1	1	3	2	1
			819607.3	3	3	3	3	1	1	2	2	1	1		1	2	2	2
			819607.4	3	1	3	3				2	1	2	1	1	2	2	3
			819607.5	3	3	3	3	1	1	2		1	2	1	1	2	2	2
			819607	3	2.2	3	3	1	1	2	2	1	1.4	1	1	2.4	1.8	2
TE	VI	Heat Transfer Lab	819608.1	3	2	3	2	2	1	1	3	1	2	1	2	2	1	1
			819608.2	3	2	3	2	2	1	1	3	1	2	1	2	2	1	1
			819608.3	3	2	3	2	2	1	1	3	1	2	1	2	2	1	1
			819608.4	3	2	3	2	2	1	1	3	1	2	1	2	2	1	1
			819608.5	3	2	3	2	2	1	1	3	1	2	1	2	2	1	1
			819608	3	2	3	2	2	1	1	3	1	2	1	2	2	1	1
TE	VI	Minor Project	819609.1	3	3	3	3	2	2	2	2	2	3	3	2	3	2	2
			819609.2	3	3	3	3	2	2	2	2	2	3	3	2	3	2	2
			819609.3	3	3	3	3	2	2	3	2	2	3	3	2	3	3	3
			819609.4	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3
			819609.5	3	3	3	3	2	2	2	3	3	3	3	3	3	2	3
			819609	3	3	3	3	2	2	2.4	2.4	2.4	3	3	2.4	3	2.4	2.6
BE	VII	Process Control	819701.1	3	3	2	3	2	2	2	2	2	2	2	1	3	3	3
			819701.2	3	3	2	3	2	2	2	2	3	2	1	1	3	2	3
			819701.3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	2
			819701.4	2	3	3	3	2	2	2	2	3	3	3	2	2	2	3
			819701.5	3	3	3	3	2	2	2	2	3	3	3	2	3	2	3
			819701	2.8	3	2.6	3	2	2	2	2	2.6	2.4	2.2	1.6	2.6	2.4	2.8

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BE	VII	Instrumentation & Control Lab	819706.1	3	2	2	3	2	1	2	2	2	2	2	2	3	2	2
			819706.2	2	2	3	3	2	1	2	2	2	2	2	2	3	2	2
			819706.3	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3
			819706.4	2	2	3	3	2	1	2	2	2	2	2	2	2	3	3
			819706.5	2	2	3	3	2	2	2	2	2	2	2	2	3	2	3
			819706	2.2	2	2.8	3	2	1.4	2	2	2	2	2	2	2.6	2.4	2.6
BE	VII	Project (Stage-I)	819707.1	3	3	3	3	2	2	2	2	2	2	2	2	3	2	2
			819707.2	3	3	3	3	2	2	2	2	2	2	2	2	3	2	2
			819707.3	3	3	3	3	2	2	2	2	2	2	2	2	3	2	3
			819707.4	3	3	3	3	2	2	2	2	3	2	2	2	3	2	3
			819707.5	3	3	3	3	2	2	2	2	3	2	2	2	2	2	3
			819707	3	3	3	3	2	2	2	2	2.4	2	1.2	2	2.8	2	2.6
BE	VIII	Process Technology and Economics	819801.1	3	3	2	3	2	2	3	2	2	2	2	2	3	3	3
			819801.2	3	3	2	3	3	2	2	3	3	2	2	2	3	2	3
			819801.3	3	3	3	3	3	2	3	2	2	2	2	2	2	3	2
			819801.4	3	3	3	3	3	2	2	2	3	3	3	2	2	2	3
			819801.5	3	3	3	3	3	2	2	2	3	3	3	2	3	2	3
			819801	3	3	2.6	3	2.8	2	2.4	2.2	2.6	2.4	2.4	2	2.6	2.4	2.8
BE	VIII	Chemical Plant Design and Project Engineering (PEC-V)	819821.1	3	3	2	3	2	2	2	2	2	2	2	1	3	3	3
			819821.2	3	3	2	3	2	2	2	2	3	2	1	1	3	2	3
			819821.3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	2
			819821.4	2	3	3	3	2	2	2	2	3	3	3	2	2	2	3
			819821.5	3	3	3	3	2	2	2	2	3	3	3	2	3	2	3
			819821	2.8	3	2.6	3	2	2	2	2	2.6	2.4	2.2	1.6	2.6	2.4	2.8

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
BE	VIII	Petrochemical Technology (PEC-VI)	819831.1	3	3	3	3	2	2	2	2	2	3	2	3	3	2	2
			819831.2	3	3	3	3	2	2	2	2	2	3	2	2	3	2	2
			819831.3	3	3	3	3	2	2	2	2	2	3	2	2	3	3	3
			819831.4	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3
			819831.5	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3
			819831	3	3	3	3	2	2	2	2	2.4	3	2.4	2.6	3	2.6	2.6
BE	VIII	Energy Conservation and Management (OEC-IV)	819841.1	3	3	3	3	2	3	2	2	2	2	2	2	3	2	2
			819841.2	3	3	3	3	2	2	3	2	3	2	1	3	3	2	3
			819841.3	3	3	3	3	2	2	3	3	3	2	3	3	3	3	3
			819841.4	2	3	3	3	2	2	3	3	3	2	3	3	3	3	3
			819841.5	3	3	3	3	2	2	3	2	3	2	2	2	2	2	3
			819841	2.8	3	3	3	2	2.2	2.8	2.4	2.8	2	2.2	2.6	2.8	2.4	2.8
BE	VIII	Process Technology and Economics Lab	819805.1	3	3	2	3	2	2	3	2	2	2	2	2	3	3	2
			819805.2	3	3	2	3	3	2	2	3	3	2	2	2	3	2	3
			819805.3	3	3	3	3	3	2	3	2	2	2	2	2	2	3	2
			819805.4	3	3	3	3	3	2	2	2	3	3	3	2	2	2	3
			819805.5	3	3	3	3	3	2	2	2	3	3	3	2	3	2	3
			819805	3	3	2.6	3	2.8	2	2.4	2.2	2.6	2.4	2.4	2	2.6	2.4	2.6
BE	VIII	Design and Simulation Lab	819806.1	3	3	2	3	3	2	2	2	3	2	1	1	3	2	3
			819806.2	3	3	3	3	3	2	2	2	2	2	2	2	2	3	2
			819806.3	2	3	3	3	3	2	2	2	3	3	3	2	2	2	3
			819806.4	3	3	3	3	3	2	2	2	3	3	3	2	3	2	3
			819806.5	3	2	1	2	2	1		1		2	1	1	1	2	2

Class	Semester	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
			819806	2.8	2.8	2.4	2.8	2.8	1.8	1.6	1.8	2.2	2.4	2	1.6	2.2	2.2	2.6
BE	VIII	Project-II	819807.1	3	3	3	3	2	2	2	2	2	3	3	2	3	2	2
			819807.2	3	3	3	3	2	2	2	2	2	3	3	2	3	2	2
			819807.3	3	3	3	3	2	2	3	2	2	3	3	2	3	3	3
			819807.4	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3
			819807.5	3	3	3	3	2	2	2	3	3	3	3	3	3	2	3
			819807	3	3	3	3	2	2	2.4	2.4	2.4	3	3	2.4	3	2.4	2.6