

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

Class	Semester	Program	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
FE	I	B.E. Electrical	Physics	816101.1	2	2	2				2					2			
				816101.2	2	2	2				2					2			
				816101.3	2	2	2				2					2			
				816101.4	2	2	2				2					2			
				816101.5	2	2	2												
				816101.6	2	2	2		3										
				816101	2	2	2		3		2					2			
FE	I	B.E. Electrical	Mathematics - I	816102.1	3	3	2												
				816102.2	3	2	3												
				816102.3	3	3	2												
				816102.4	3	2	2												
				816102	3	2.5	2.25												
FE	I	B.E. Electrical	Basic Electrical & Electronics Engineering	816103.1	3	3													
				816103.2	3	3													
				816103.3	3	2													
				816103.4	3	2													
				816103.5	3	2													
				816103.6	3	2													
				816103.7	3	2													
				816103	3	2.28													
FE	I	B.E. Electrical	Programming for Problem Solving	816104.1	3	2	2	1		2	1					2			
				816104.2	3	2	2	1		2	1					2			
				816104.3	3	2	2	1		2	1					2			
				816104.4	3	2	2	1		2	1					2			
				816104.5	3	2	2	1		2	1					2			
				816104.6	3	2	2	1		2	1					2			
				816104	3	2	2	1		2	1					2			
FE	I	B.E. Electrical	Physics Lab	816105.1	3	3	3	3	3			1	1	2	2	2			

Class	Semester	Program	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
				816105.2	3	3	3	3	3					2		1			
				816105.3	3	2	2	2	1				1	1					
				816105.4	3	2	1	3	3					2		1			
				816105.5	3	2	1	1	2					1					
				816105.6	3	3	3	3	3			1	1	2	2	2			
				816105	3	2.5	2.17	2.5	2.5			1	1	1.666	2	1.5			
FE	I	B.E. Electrical	Basic Electrical and Electronics Engineering Lab.	816106.1	2	2													
				816106.2	3	3													
				816106.3	3	2													
				816106.4	2	2													
				816106.5	2	2													
				816106.6	2	2													
				816106	2.33	2.16													
FE	I	B.E. Electrical	Programming for Problem Solving Lab	816107.1	3	2	2	1		2	1					2			
				816107.2	3	2	2	1		2	1					2			
				816107.3	3	2	2	1		2	1					2			
				816107.4	3	2	2	1		2	1					2			
				816107.5	3	2	2	1		2	1					2			
				816107.6	3	2	2	1		2	1					2			
				816107	3	2	2	1		2	1					2			
FE	II	B.E. Electrical	Chemistry	816201.1	2	2					2					2			
				816201.2	2	2	2		2		2					2			
				816201.3	2						2					2			
				816201.4	2	2	2				2					2			
				816201.5	2	2	2		2							2			
				816201	2	2	2		2		2					2			
FE	II	B.E. Electrical	Engineering Graphics	816203.1	3	3	3		3					3					
				816203.2	3	2	3		3					2					
				816203.3	3	3	3		3					3					

Class	Semester	Program	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
				816203.4	2	2	3		3					3					
				816203	2.75	2.5	3		3					2.8					
FE	II	B.E. Electrical	English	816204.1	2							2		2					
				816204.2	2				2			2		2					
				816204.3	2									2					
				816204.4	2										2				
				816204	2				2			2		2	2				
FE	II	B.E. Electrical	Mathematics-II	816202.1	3	3	2												
				816202.2	3	3	2	1											
				816202.3	3	3	3												
				816202	3	3	2.33	1											
FE	II	B.E. Electrical	Chemistry Lab	816206.1	3	2	3			2	2					2			
				816206.2	3	2	2			2	2					2			
				816206.3	3	2	2			2	2					2			
				816206.4	3	2	3			2	2					2			
				816206	3	2	2.5			2	2					2			
FE	II	B.E. Electrical	Engineering Graphics Lab	816207.1	3	3	3		3					3					
				816207.2	3	2	3		3					2					
				816207.3	3	3	3		3					3					
				816207.4	2	2	3		3					3					
				816207	2.75	2.5	3		3					2.75					
FE	II	B.E. Electrical	English Lab	816208.1	2							2		2					
				816208.2	2							2		2					
				816208	2							2		2					
FE	II	B.E. Electrical	Workshop Practices	816205.1	3	3	2	3	3			1	2	1					
				816205.2	3	3	2	3	3			1	2	1					
				816205.3	3	3	2	3	3			1	2	1					
				816205.4	3	3	2	3	3			1	2	1					
				816205	3	3	2	3	3			1	2	1					
SE	III	B.E. Electrical	Engineering Mathematics- III	816301.1	3	3	1	1	1	1						3	3		
				816301.2	3	3	1	1	1	1						3	3		

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				816301.3	3	2	1	1	1	1						3	3		
				816301.4	3	2	1	1	1	1						3	3		
				816301.5	3	3	1	1	1	1						3	3		
				816301	3	2.6	1	1	1	1						3	3		
SE	III	B.E. Electrical	Numerical Techniques	316302.1	3	3	1	1	2	1						3	2	2	1
				316302.2	3	2	1	1	1	1						3	3		
				316302.3	3		1	2	1	1						3	2		1
				316302.4	3	2	1	1		1						3	3	1	
				316302.5	3	3	1	1	1	1						3	2	2	
				316302	3	2.5	1	1.2	1.25	1						3	2.4	1.6667	1
SE	III	B.E. Electrical	Electrical Circuit Analysis	816303.1	3	1	1			1						2	3	1	3
				816303.2	3	2	1		2	1						2	2		1
				816303.3	3	2	2	2	2	1						2		2	
				816303.4	3	2	3	2	2	1						2	2	1	
				816303.5	3	2	2		2	1						2	2	2	
				816303	3	1.8	1.8	2	2	1						2	2.25	1.5	2
SE	III	B.E. Electrical	Electrical Machine -I	816304.1	3	2											3		
				816304.2	3	3	1	2										2	
				816304.3	3	2	2	3											2
				816304.4	3	3	2	3	1							2	3		
				816304.5	3	2	2	2	1							2			2
				816304	3	2.4	1.75	2.5	1							2	3	2	2
SE	III	B.E. Electrical	Industrial Organization and Management	816305.1						1					3	1		2	3
				816305.2								1			3		2	3	2
				816305.3			3						2				3	3	2
				816305.4								2		3	3	2	2		3
				816305.5						3				2	3			2	
				816305			3			2		1.5	2	2.5	3	1.5	2.333	2.5	2.5
SE	III	B.E. Electrical	Electrical Circuit analysis I & II	816306.1	3	1		2		2					2	2	3		
				816306.2	3	2	2				2	2	2	2	1			2	
				816306.3	3	3		1	2	1	1			1		1	2		

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				816306.4	3	3	2	3		1	3	1	2	2		2			2
				816306.5	3	2	2	3	3			2	1		2		3		
				816306	3	2.2	2	2.25	2.5	1.33	2	1.67	1.67	1.667	1.667	1.667	2.667	2	2
SE	III	B.E. Electrical	Electrical Machine-I LAB	816307.1	3	1											3		
				816307.2	3	3	2	2										3	
				816307.3	3	2	2	2								2			2
				816307.4	3	3	2	2		2							3		
				816307.5	3	2	2	2				2							2
				816307	3	2.2	2	2		2		2				2	3	3	2
SE	III	B.E. Electrical	Electrical Workshop LAB	816308.1	3	2											2		
				816308.2	3		3		2								2	1	
				816308.3		2	3	2					1		2	1	2	1	1
				816308.4	3	2	3										2	1	1
				816308.5								3	2				1	1	2
				816308	3	2	3	2	2			3	1.5		2	1	1.8	1	1.333
SE	IV	B.E. Electrical	Biology	816401.1	2	2	2			1	1							2	
				816401.2						2	1	1				1		1	
				816401.3	1				1	1								1	1
				816401.4	1		2	1		1	1		1					2	
				816401.5	1	1	1	1		2	1					1			
				816401	1.25	1.5	1.67	1	1	1.4	1	1	1			1		1.5	1
SE	IV	B.E. Electrical	Electrical Engineering Materials	816402.1	3					2	1					1	3		
				816402.2	2	1				1						1		2	
				816402.3	2	1		2		1						1	3		
				816402.4	2					2				3		1	3		
				816402.5	3			2		1	2					1	2		
				816402	2.4	1		2		1.4	1.5			3		1	2.75	2	
SE	IV	B.E. Electrical	Analog and Digital Electronics	816403.1	3								2				3		2
				816403.2		3				2							3		
				816403.3	2									3					

[illegible]

Class	Semester	Program	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
				816408.3	3	2	2	3										2	
				816408.4	3	2	2	3								2	3		
				816408.5	3	1	1	1		2						2			2
				816408	3	2	1.75	2.5		2		3		2		2	3	2	2
SE	IV	B.E. Electrical	Mesurement and Instrumentation LAB	816409.1	2	2	1	2					2	3			3	2	
				816409.2		2	2						2				3		
				816409.3	3	1	2	1					2				2		
				816409.4	2	3	3	3					2				3		
				816409.5	3	2	3	2					2						1
				816409	2.5	2	2.2	2					2	3			2.75	2	1
TE	V	B.E. Electrical	Power Electronics	816501.1	3											2	3		
				816501.2		3	2		2								3		2
				816501.3		3		2										3	
				816501.4	3	2	2	2			2		2					2	
				816501.5	3													2	
				816501	3	2.67	2	2	2		2		2			2	3	2.3333	2
TE	V	B.E. Electrical	Power System -I	516502.1	3	1	2	1								1	1		
				516502.2	2	2	2	1									1		
				516502.3	3	2	2	1										1	
				516502.4	2	2	2	1										1	
				516502.5	2	2	2	1										1	
				516502	2.4	1.8	2	1								1	1	1	
TE	V	B.E. Electrical	Electromagnetic Field	516503.1	3			3								1	3		
				516503.2	3		2		2				1				3		
				516503.3	3	2										1		2	
				516503.4	3	2										1		2	
				516503.5	3				1							1	3		
				516503	3	2	2	3	1.5				1			1	3	2	
TE	V	B.E. Electrical	Signals and Systems	516541.1	3	2										2	2	2	

Class	Semester	Program	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
				516541.2	2	3	2	3	2							2		1	
				516541.3	3	1		3	2							2	2		2
				516541.4	2	2	2	2	2							2		2	
				516541.5	3	2	3	2								2	1		
				516541	2.6	2	2.33	2.5	2							2	1.667	1.6667	2
TE	V	B.E. Electrical	Electronics Mesurement	516552.1	3	2		2	2								3		
				516552.2	3		2	2	2								3	2	
				516552.3	3	2	2		2								2		
				516552.4	3	2			2								2		
				516552.5	3	2			2							1	2		1
				516552	3	2	2	2	2							1	2.4	2	1
TE	V	B.E. Electrical	Power Electronics Lab	816506.1	3											2	3		
				816506.2		3	2		2								3		2
				816506.3		3		2										3	
				816506.4	3	2	2	2			2		2					2	
				816506.5	3													2	
				816506	3	2.67	2	2	2		2		2			2	3	2.3333	2
TE	V	B.E. Electrical	Power System-I LAB	816507.1	1	2	2										2	2	
				816507.2	2	2	2	1									2	2	
				816507.3	2	2	2	1									2	3	
				816507.4	2	2	2	1									2	3	
				816507.5	2	2	2										2	3	
				816507	1.8	2	2	1									2	2.6	
TE	V	B.E. Electrical	Electronic Design Lab	816508.1	3		3	2									3		
				816508.2		2	2	3									2	3	
				816508.3		2	3		3								2	3	
				816508.4		3		2		1						1		2	3
				816508.5				3							3	2		2	3
				816508	3	2.33	2.67	2.5	3	1					3	1.5	2.333	2.5	3
TE	V	B.E. Electrical	MP-I	816509.1	3	3											3		
				801659.2	3		3	3		3	3	3						2	
				786809.3									3	3	3			2	

Class	Semester	Program	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
				616652.2		3	2										3		2
				616652.3	2	3		2										3	
				616652.4	3		2	2										2	
				616652.5	3	2			2									2	
				616652	2.75	2.67	2	2	2								3	2.3333	2
TE	VI	B.E. Electrical	Control System LAB	816606.1	2	2										1	3		
				816606.2	2	2										1			
				816606.3	2	2										1	3		
				816606.4	2	2		2								1	1	2	3
				816606.5	2	2		2								1	1	2	3
				816606	2	2		2								1	2	2	3
TE	VI	B.E. Electrical	Microprocessor and microcontroller LAB	816607.1		2			2								3		2
				816607.2	2	3		2	2								3	2	
				816607.3	2				2					3				2	2
				816607.4	2			2	2		3			3			3	2	3
				816607.5		2					2			2					3
				816607	2	2.33		2	2		2.5			2.667			3	2	2.5
TE	VI	B.E. Electrical	Power System-II LAB	816608.1	2	2										1	2	2	
				816608.2	2	2		1								1	2	2	
				816608.3	2	2		1								1	2	2	
				816608.4	2	2		2								1	1	2	
				816608.5	2	2		1								1	1	2	
				816608	2	2		1.25								1	1.6	2	
TE	VI	B.E. Electrical	MINOR PROJECT	816609.1	3	3											3		
				816609.2	3		3	3		3	3	3						2	
				816609.3									3	3	3			2	
				816609.4	3				3										3
				816609.5												3			3
				816609	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
BE	VII	B.E. Electrical	Electrical Drives	716701.1	3						1		2		2		3	2	2

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				716701.2	3	3	2	2					3			1	3		
				716701.3	3	3	1	3								1	3		
				716701.4	3	3	3	2					2		1	1		2	
				716701.5	3		3		2							1	3		
				716701	3	3	2.25	2.33	2		1		2.33		1.5	1	3	2	2
BE	VII	B.E. Electrical	Electrical Energy Conservation and Auditing	716721.1	3					2	3	3					2		1
				716721.2	3	3	3	3									2	1	
				716721.3	3	3	3		3					2	3	2	2		
				716721.4	3	3	3	3		2		3					2	1	
				716721.5	3		2	2					3		3	2	2	2	2
				716721	3	3	2.75	2.67	3							2	2	1.3333	1.5
BE	VII	B.E. Electrical	Power System Dynamics and Control	716731.1	3	2	2	2	2	2	-	-	2	2	-	3	3	3	3
				716731.2	3	2	2	2	2	2	-	-	2	-	-	3	3	2	2
				716731.3	3	2	2	2	2	2	-	-	2	-	-	3	3	2	2
				716731.4	3	2	2	2	-	-	-	-	2	-	-	2	2	2	2
				716731.5	3	2	2	2	-	-	-	-	2	-	-	2	2	2	2
				716731	3	2	2	2	2	2			2				2.6	2.2	2.2
BE	VII	B.E. Electrical	VLSI Design and Technology	716741.1	3	3	3		3								3	3	3
				716741.2	3	3	3		3								3	3	3
				716741.3	3	3	3	2	3								3	3	3
				716741.4	3	3	3	2	3								2	2	3
				716741.5	0				2				2				2	2	2
				716741	2.4	3	3	2	2.8				2				2.6	2.6	2.8
BE	VII	B.E. Electrical	Electrical Drives LAB	716705.1	3	3		2				2	2			1	3		
				716705.2	3	3	1	2	1				2			1	2	1	
				716705.3	3	3	2	2					2			1	3		
				716705.4	3	3	2	2	1			2	2			1	3	1	
				716705.5	3	3	2	2					2			1	2		1
				716705	3	3	1.75	2	1			2	2			1	2.6	1	1
BE	VII	B.E. Electrical	MATLAB Application Lab	716706.1	3				3						2	2	3	2	1

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				716706.2	3				3						2	2	3	2	1
				716706.3	2	2			3						3	2	3	2	1
				716706.4	3	2	3	1	3						3	2	2	3	1
				716706.5	1	2	3	1	3						3	2	2	3	1
				716706	2.4	2	3	1	3							2	2.6	2.4	1
BE	VII	B.E. Electrical	PROJECT I	716707.1	3			3				3					3	3	3
				716707.2	3	3	3	3	2				3		2	3	3	3	3
				716707.3	3	3	3	3	3	2			3		3	3	3	3	3
				716707.4	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3
				716707.5	3	2	3		2	2	2						2	2	2
				716707	3	2.75	3	3	2.5		2.5	3	3	3		3	2.8	2.8	2.8
BE	VIII	B.E. Electrical	Power System Protection	816801.1	3	-	-	-	2	-	-	-	-	---	-	2	3	2	2
				816801.2	3	-	-	-	2	-	-	-	-	-	-	2	3	2	2
				816801.3	3	2	-	-	-	-	-	-	-	-	-	2	3	3	2
				816801.4	3	2	2	2	2	-	-	-	-	-	-	2	3	2	2
				816801.5	3	-	-	-	2	-	-	-	-	-	-	2	3	2	2
				816801	3	2	2	2								2	3	2.2	2
BE	VIII	B.E. Electrical	Electric and Hybrid Vehical	816831.1	2	1	1	1								1	1		
				816831.2	2	2	2	1									1		
				816831.3	2	1	1										1		
				816831.4	2	1				2						1	1		
				816831.5	2	1	1			2						1			
				816831	2	1.2	1.25	1		2						1	1		
BE	VIII	B.E. Electrical	Digital Signal Processing	816841.1	3	3		3		2						3	3	2	
				816841.2	2		3									2		2	3
				816841.3	3	2	3	3									3	2	
				816841.4	2			2								3	3		3
				816841.5	1		2									2			1
				816841	2.2	2.5	2.67	2.67		2						2.5	3	2	2.333
BE	VIII	B.E. Electrical	Flexible AC Transmission System & Power Quality	816821.1	3	2		2								3	3	2	

Class	Semester	Program	Name of the Subject	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
				816821.2	3	2		2								2	2	1	
				816821.3	3											2	2		
				816821.4	3											3	2	1	
				816821.5	3			2	1							3	2		1
				816821	3	2		2	1							2.6	2.2	1.3333	1
BE	VIII	B.E. Electrical	Power System Protection LAB	816805.1	3	-	-	2	2	-	-	-	-	-	-	2	3	2	2
				816805.2	3	2	2	2	2	-	-	-	-	-	-	2	3	3	2
				816805.3	3	2	2	2	2	-	-	-	-	-	-	2	3	3	2
				816805.4	3	2	2	2	2	-	-	-	-	-	-	2	3	3	2
				816805.5	3	2	2	2	2	-	-	-	-	-	-	2	3	3	2
				816805	3	2	2	2								2	3	2.8	2
BE	VIII	B.E. Electrical	High Voltage Lab	816806.1													2		
				816806.2						3		1				2	1	3	1
				816806.3						2				2		1		2	
				816806.4												1	1	2	
				816806.5										1		1			2
				816806						2.5		1		1.5		1.25	1.333	2.3333	1.5
BE	VIII	B.E. Electrical	PROJECT II	816807.1	3	3	3	2	3	2	3		2		2	2	3	3	
				816807.2	3	3	3	2	3	2	3	2	2	2	2	2	3	3	3
				816807.3	3	3	3	2	3	2	3	2	2	2	2	2	3	3	3
				816807.4	3		3		3	2	2	2	2	3	2	2	3	3	2
				816807.5	3	2	2		2								3	3	
				816807	3	2.75	2.8	2	2.8		2.75	2	2	2.333		2	3	3	2.667