

46	3. Distributed Systems	C01	2																				2			
		C02	3	3																				2		
		C03	3	2																				3		
		C04	3	3																				2		
		C05	3	2																				2		
		AVG	2.8	2.5																				2.25		
		2.4																								
47	B560E2	Microprocessor s and Microcontro ls	C01																					2		
			C02																						2	
			C03																						2	
			C04																						2	
			C05																						2	
			AVG																						2.17	
			0																							
48	B56PC3	Complier Design	C01	3	2																			0		
			C02	3	3																				0	
			C03	3	3																				0	
			C04	2																					0	
			C05	3	2																				0	
			AVG	2.8	2.5																				2	
			2																							
49	B56PC4	R Programming	C01	3	3																			-		
			C02	3	3																				-	
			C03	3	3																				-	
			C04	3	3																					-
			C05	3	3																					2
			AVG	3	3																					2
			2																							
50	B56PC5	Data Warehousing and Data Mining	C01	3	3																			-		
			C02	2																					-	
			C03	2																					2	
			C04	3	2																				3	
			C05	3	2																				3	
			AVG	2.6	2.33																				2.6	
			3																							



Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Basic Electrical Engineering

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2.16	2.11	1.78												2.02
CO2	1.92	1.87	1.58												1.79
CO3	2.16	2.11	1.78						2.16	2.16					2.07
CO4		1.87	1.58						1.92	1.92					1.82
CO5		1.87	1.58						1.92	1.92					1.82
PO Attainment	2.08	1.97	1.66	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	1.94

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Data Structure

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attainment
CO1	1.00														1
CO2	1.00														1
CO3	2.00												1.00	1.00	2
CO4		2.00													2
CO5			2.00	2.00										1.00	2
PO Attainment	1.33	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.6

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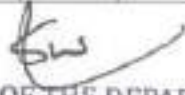
Subject Name: Business Economics and Financial Analysis

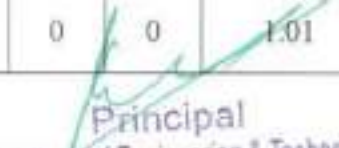
Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1						1.60		1.78	1.78	1.78	2.49	2.37		1.42	1.87
CO2						1.77	1.47				2.75	2.62		1.57	2.03
CO3						1.76	1.47	1.96			2.74			1.57	1.91
CO4						1.77	1.47				2.75			1.57	1.91
CO5						1.76	1.47				2.74	2.61		1.57	2.02
PO Attainment	0.00	0.00	0.00	0.00	0.00	1.73	1.47	1.87	1.78	1.78	2.70	2.53	0.00	1.54	1.93

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Applied Physics

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.39	0.7	1.05	1.05								0.7			0.98
CO2	1.82	0.91	1.37	1.37								0.91			1.28
CO3	1.39	0.7	1.05	1.05								0.7			0.98
CO4	1.64	0.82	1.23	1.23			0.82					0.82			1.09
CO5	1.39	0.7	1.05	1.05			0.7					0.7			0.93
PO Attainment	1.52	0.76	1.14	1.14	0	0	0.75	0	0	0	0	0.76	0	0	1.01


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Subject Name: Applied Physics Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2.40	2.34	1.98												2.24
CO2	2.40	2.34	1.98												2.24
CO3	2.40	2.34	1.98						2.40	2.40					2.30
CO4		2.11	1.78						2.16	2.16					2.05
CO5		2.11	1.78						2.16	2.16					2.05
PO Attainment	2.40	2.25	1.90	0.00	0.00	0.00	0.00	0.00	2.24	2.24	0.00	0.00	0.00	0.00	2.21

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Basic Electrical & Simulation Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2.16	2.11	1.78												2.02
CO2	1.92	1.87	1.58												1.79
CO3	2.16	2.11	1.78						2.16	2.16					2.07
CO4		1.87	1.58						1.92	1.92					1.82
CO5		1.87	1.58						1.92	1.92					1.82
PO Attainment	2.08	1.97	1.66	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	1.94

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Subject Name: Business Economics and Financial Analysis

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1						1.60		1.78	1.78	1.78	2.49	2.37		1.42	1.87
CO2						1.77	1.47				2.75	2.62		1.57	2.03
CO3						1.76	1.47	1.96			2.74			1.57	1.91
CO4						1.77	1.47				2.75			1.57	1.91
CO5						1.76	1.47				2.74	2.61		1.57	2.02
PO Attainment	0.00	0.00	0.00	0.00	0.00	1.73	1.47	1.87	1.78	1.78	2.70	2.53	0.00	1.54	1.93

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(2022-23)

Subject Name: Statistical Methods

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.33	1.67	1	1.33								2	1	1	1.29
CO2	1.17	1.46	0.88	1.17								1.75	0.88	0.88	1.13
CO3	0.93	1.16	0.7	0.93								1.39	0.7	0.7	0.90
CO4	1.09	1.37	0.82	1.09								1.64	0.82	0.82	1.06
CO5	0.97	1.22	0.73	0.97								1.46	0.73	0.73	0.94
PO Attainment	1.08	1.35	0.81	1.08	0	0	0	0	0	0	0	1.62	0.81	0.81	1.05


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Subject Name: Logic Circuits Design

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.78	2.37	1.78												1.98
CO2	1.97		1.97	1.47									1.97		1.87
CO3		2.61	1.96												2.18
CO4		2.62	1.97	1.47										1.97	2.01
CO5	1.96		1.96											1.96	1.96
PO Attainment	1.90	2.54	1.93	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	1.96	1.96

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Database Management Systems

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	0.98	1.96	2.74												1.89
CO2			2.75	1.97											2.36
CO3		1.96	2.74												2.35
CO4			2.75	1.96									1.96		2.23
CO5		1.96	2.74	1.96										1.96	2.11
PO Attainment	0.98	1.96	2.75	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	1.96	1.93



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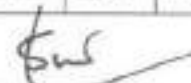
Subject Name: Data Structures

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1		1.96													1.96
CO2	2.68														2.68
CO3		1.96													1.96
CO4		1.96													1.96
CO5			1.96						0.98	0.98			1.96	0.98	1.37
PO Attainment	2.68	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.98	0.98	0.00	0.00	1.96	0.98	1.68

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Operating Systems

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2.67	2.60	2.20												2.49
CO2	2.58	2.51	2.13												2.41
CO3	2.67	2.60	2.20						2.67	2.67					2.56
CO4		2.28	1.93						2.34	2.34					2.22
CO5		2.37	2.00						2.43	2.43					2.31
PO Attainment	2.64	2.47	2.09	0.00	0.00	0.00	0.00	0.00	2.48	2.48	0.00	0.00	0.00	0.00	2.43


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Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Logic Circuits Design Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.78	2.37	1.78												1.98
CO2	1.97		1.97	1.47									1.97		1.87
CO3		2.61	1.96												2.18
CO4		2.62	1.97	1.47										1.97	2.01
CO5	1.96		1.96											1.96	1.96
PO Attainment	1.9	2.54	1.93	1.47	0	0	0	0	0	0	0	0	1.97	1.96	1.96

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Database Management Systems Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2.40	2.34	1.98												2.24
CO2	2.40	2.34	1.98												2.24
CO3	2.40	2.34	1.98						2.40	2.40					2.30
CO4		2.11	1.78						2.16	2.16					2.05
CO5		2.11	1.78						2.16	2.16					2.05
PO Attainment	2.40	2.25	1.90	0.00	0.00	0.00	0.00	0.00	2.24	2.24	0.00	0.00	0.00	0.00	2.21

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**Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)****Subject Name: Data Structures Lab**

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.95				2.49				1.95						2.13
CO2	2.16		2.95		2.75				2.16	1.97	1.97	1.97	1.97		2.24
CO3	2.15		2.93		2.74				2.15	1.95	1.95	1.95	1.95		2.22
CO4	2.16		2.95		2.75				2.16	1.97	1.97	1.97	1.97		2.24
CO5	2.15		2.93		2.74				2.15	1.95	1.95	1.95	1.95		2.22
PO Attainment	2.12	0.00	2.94	0.00	2.69	0.00	0.00	0.00	2.12	1.96	1.96	1.96	1.96	0.00	2.21

**Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)****Subject Name: Probability & Algebra**

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.17	1.46	0.88	1.17								1.75	0.88	0.88	1.13
CO2	1.21	1.52	0.91	1.21								1.82	0.91	0.91	1.18
CO3	1.17	1.46	0.88	1.17								1.75	0.88	0.88	1.13
CO4	1.17	1.46	0.88	1.17								1.75	0.88	0.88	1.13
CO5	1.21	1.52	0.91	1.21								1.82	0.91	0.91	1.18
PO Attainment	1.2	1.5	0.9	1.2	0	0	0	0	0	0	0	1.81	0.9	0.9	1.16

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Subject Name: Introduction to Computer Vision

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2.40	2.34	1.98												2.24
CO2	2.40	2.34	1.98												2.24
CO3	2.40	2.34	1.98						2.40	2.40					2.30
CO4		2.34	1.98						2.40	2.40					2.28
CO5		2.34	1.98						2.40	2.40					2.28
PO Attainment	2.40	2.34	1.98	0.00	0.00	0.00	0.00	0.00	2.40	2.40	0.00	0.00	0.00	0.00	2.30

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Software Engineering

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	0.98	1.95	2.74												1.89
CO2			2.76	1.97											2.37
CO3		1.95	2.74												2.35
CO4			2.76	1.97									1.97		2.23
CO5		1.41	1.98	1.41										1.41	1.53
PO Attainment	0.98	1.77	2.59	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	1.41	1.70

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Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Design and Analysis of Algorithms

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.68	1.64	1.39												1.57
CO2	1.68	1.64	1.39												1.57
CO3	1.68	1.64	1.39						1.68	1.68					1.61
CO4		1.64	1.39						1.68	1.68					1.60
CO5		1.64	1.39						1.68	1.68					1.60
PO Attainment	1.68	1.64	1.39	0.00	0.00	0.00	0.00	0.00	1.68	1.68	0.00	0.00	0.00	0.00	1.61

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Formal Language & Automata Theory

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.84	1.79	1.52												1.72
CO2	1.60	1.56	1.32												1.49
CO3	1.60	1.56	1.32						1.60	1.60					1.54
CO4		1.33	1.12						1.36	1.36					1.29
CO5		1.33	1.12						1.36	1.36					1.29
PO Attainment	1.68	1.51	1.28	0.00	0.00	0.00	0.00	0.00	1.44	1.44	0.00	0.00	0.00	0.00	1.47

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Subject Name: R Programming

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	0.90	1.80	2.52												1.74
CO2			2.52	1.80											2.16
CO3		1.80	2.52												2.16
CO4			2.52	1.80									1.80		2.04
CO5		1.80	2.52	1.80										1.80	1.94
PO Attainment	0.90	1.80	2.52	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	1.80	1.77

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Scripting Languages Lab (Ruby, Perl, PHP, JS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1		1.63		2.62	2.94										2.29
CO2	0.98	1.64	2.46										1.97		1.76
CO3	0.98		2.45	2.62											2.00
CO4		1.64	2.45										1.96		2.02
CO5	0.98		2.45	2.61										1.96	2.00
PO Attainment	0.98	1.64	2.45	2.62	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	1.96	2.06


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Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: R Programming Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	0.89	1.78	2.49												1.72
CO2			2.75	1.97											2.36
CO3		1.96	2.74												2.35
CO4			2.75	1.97									1.97		2.23
CO5		1.96	2.74	1.96										1.96	2.12
PO Attainment	0.89	1.9	2.7	1.96	0	0	0	0	0	0	0	0	1.97	1.96	1.91

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Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
 (2022-23)

Subject Name: Introduction to AI & Neural Networks

COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO ATTAINMENT
CO1	2.00	0.67	1.33	1.33	2.00								1.33	2.00	2.00
CO2	2.00	0.67	1.33	2.00	1.33								1.33	1.33	2.00
CO3	2.23	0.74	2.23	2.23	1.49								2.23	1.49	2.23
CO4	2.00	0.67	1.33	1.33	1.33								1.33	1.33	2.00
CO5	1.33	0.67	1.33	1.33	2.00								2.00	2.00	2.00
PO ATTAINMENT	1.91	0.68	1.51	1.64	1.63	0	0	0	0	0	0	0	1.64	1.63	2.04

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
 (2022-23)

Subject Name: Python Programming

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attainment
CO1		0.67													2.00
CO2	0.67	1.33	1.33												2.00
CO3	0.74	0.74	1.49	0.74											2.23
CO4	0.67	0.67	0.67	0.67	1.33										2.00
CO5	1.33	0.67	1.33												2.00
PO ATTAINMENT	0.85	0.81	1.20	0.70	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.04

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(2022-23)

Subject Name: Natural Language Processing


COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO ATTAINMENT
CO1	2.00	1.33	0.67												3.00
CO2	2.00	0.67	1.33												3.00
CO3	2.23	0.74		0.74											2.93
CO4	2.00	0.67													2.85
CO5	2.00	0.67		2.00											3.00
PO ATTAINMENT	2.04	0.81	1.00	1.37	0.00	0	0	0	0	0	0	0	0.00	0.00	2.96

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

(2022-23)

Subject Name: Introduction to Machine Learning

COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO ATTAINMENT
CO1	1.33		1.33										1.33		2.67
CO2	1.33	1.33												1.33	2.95
CO3	1.49													1.49	2.94
CO4	1.33													1.33	2.95
CO5		1.33											1.33		2.94
PO ATTAINMENT	1.37	1.33	1.33	0.00	0.00	0	0	0	0	0	0	0	1.33	1.38	2.89


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Subject Name: Distributed Databases

COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO ATTAINMENT
CO1			2.00												2.67
CO2	0.67	2.00		1.33											2.95
CO3					2.23										2.23
CO4															0.00
CO5															0.00
PO ATTAINMENT	1.37	1.33	1.33	0.00	0.00	0	0	0	0	0	0	0	1.33	1.38	1.57

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (2022-23)

Subject Name: Smart Grid Technologies

COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO ATTAINMENT
CO1	2.00	1.33	0.67												3.00
CO2	2.00	0.67	1.33												3.00
CO3	2.23	0.74		0.74											2.93
CO4	2.00	0.67													2.85
CO5	2.00	0.67		2.00											3.00
PO ATTAINMENT	2.04	0.81	1.00	1.37	0.00	0	0	0	0	0	0	0	0.00	0.00	2.96


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Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

(2022-23)

Subject Name: ML Lab Using Python


Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2	2	3	1					1	1			2		3
CO2	3	3	3	3					1	1				2	3
PO Attainment	2.50	2.50	3.00	2.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	2.00	2.00	3

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

(2022-23)

Subject Name: Natural Language Processing Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2	2	3	1					1	1			2		3
CO2	3	3	3	3					1	1				2	3
PO Attainment	2.50	2.50	3.00	2.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	2.00	2.00	3


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(2022-23)

Subject Name: Fundamentals of Management

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1											2.33				2.33
CO2		2.00	2.00												2.00
CO3										2.00	2.67	2.00			2.67
CO4									2.67	2.00	2.00				2.67
CO5	3.00	2.33													2.33
PO Attainment	3.00	2.17	2.00	0	0	0	0	0	2.67	2.00	2.33	0	2.00	2.1	2.4

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)

Subject Name: Data Warehousing and Data Mining

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1.67	1.67	2.26	1.67											1.05
CO2	2.67	1.67	2.28	1.67											1.06
CO3	2.29	2.67	1.96	1.67									1.67	1.67	1.05
CO4	1.67	2.67	1.67	2.67									1.67	2.67	1.06
CO5	2.2	0.91	2.78	1.67									2.67	1.96	1.05
PO Attainment	2.1	1.92	2.19	1.87	0	0	0	0	0	0	0	0	2.00	2.1	1.05

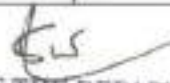
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(2022-23)**Subject Name: Advanced Computer Vision**

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attainment
CO1	1.33														1.33
CO2		1.33													1.33
CO3															0.00
CO4														1.33	1.33
CO5															0.00
PO Attainment	1.33	1.33	0	0	0	0	0	0	0	0	0	0	0	1.33	0.80

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
(2022-23)**Subject Name: Wireless Networks**

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attainment
CO1	0.67		2.00												2.67
CO2	1.33	0.67			1.33										1.50
CO3	0.74														0.74
CO4	0.67														0.67
CO5		0.67													0.67
PO ATTAINMENT	0.85	0.67	2.00	0.00	1.33	0	0	0	0	0	0	0	0.00	0.00	1.75


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Subject Name: Network Security

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attainment
CO1	3	2	1												3
CO2	3	1	2												2.85
CO3	3	1		1											2.93
CO4		1													3
CO5	3	1		3											3
PO Attainment	3.00	1.20	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.96


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Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (2022-23)

Subject Name: Data Warehousing and Data Mining Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	2	2	3	1	2				1	1			2		3
CO2	3	3	3	3	3				1	1				2	3
PO Attainment	2.50	2.50	3.00	2.00	2.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	2.00	2.00	3

Department of CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (2022-23)

Subject Name: Advanced computer vision Lab

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2	CO Attainment
CO1	1	2	3	1	2				1	1			2		3
CO2	3	3	3	3	3				1	1				2	3
PO Attainment	2.00	2.50	3.00	2.00	2.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	2.00	2.00	3

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**Department of Civil Engineering
1st Sem Academic Year (2019-20)**

Subject Name: ENGINEERING MATHEMATICS-I

Subject Code: BBSM1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	1	2			1					3	1	1
CO2	3	2	2	3			1					3	1	1
CO3	3	3	2	2			1					3	1	1
CO4	3	2	2	3			3					3	1	1
CO5	3	2	2	3			3					3	1	1
Attainment	3.00	2.40	1.80	2.60	0.00	0.00	1.80	0.00	0.00	0.00	0.00	3.00	1.00	1.00
Target	2.32	1.85	1.39	2.01	0	0	1.39	0	0	0	0	2.32	0.77	0.77

Subject Name: ENGINEERING PHYSICS

Subject Code: BBSPI

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

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**Department of Civil Engineering
1st Sem Academic Year (2019-20)**

Subject Name: PROFESSIONAL COMMUNICATION LANGUAGE

Subject Code: HHSEN

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSG-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	1
CO5	2	1	1	2								1	2	1
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00
Target	2.17	1.48	1.48	1.97	0	0	0	0	0	0	0	0.99	1.98	0.99

Subject Name: BASIC ELECTRICAL ENGINEERING

Subject Code: BBSBE

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

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**Department of Civil Engineering
1st Sem Academic Year (2019-20)**

Subject Name: ENGINEERING GRAPHICS

Subject Code: BBSEG

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	3	2	1	1	2	2	2	1	2	1	2	3	2
CO2	3	2	3	2	1	2	2	1	2	1	2	2	2	2
CO3	2	3	2	2	2	3	2	3	2	2	2	2	3	3
CO4	3	3	3	2	2	3	2	3	3	2	3	2	3	2
CO5	2	3	1	3	2	2	3	2	1	2	1	2	2	2
Attainment	2.40	2.80	2.20	2.00	1.60	2.40	2.20	2.20	1.80	1.80	1.80	2.00	2.60	2.20
Target	2.38	2.75	2.15	1.98	1.55	2.38	2.15	2.15	1.78	1.78	1.78	1.96	2.55	2.13

Subject Name: ENGINEERING PHYSICS LAB

Subject Code: BP112

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98



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**Department of Civil Engineering
1st Sem Academic Year (2019-20)**

Subject Name: PROFESSIONAL COMMUNICATION LANGUAGE LAB

Subject Code: BE22

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	1
CO5	2	1	1	2								1	2	1
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00
Target	2.17	1.48	1.48	1.97	0	0	0	0	0	0	0	0.99	1.98	0.99

Subject Name: BASIC ELECTRICAL ENGINEERING LAB

Subject Code: BBEE1.2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

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**Department of Civil Engineering
1st Sem Academic Year (2019-20)**

Subject Name: ENGINEERING WORKSHOP

Subject Code: BBSEW

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3					2	2	2		3	3	3	3	3
CO2	2	2	3	2	3	2	2	3		3		3	3	3
CO3	2	2	3	2	2	3	3	3		3		3	3	3
CO4	3	3	2	2	2	2	2	2		3		3	3	3
CO5	3	3	2	3			2			3		3	3	3
Attainment	2.60	2.50	2.50	2.25	2.60	2.25	2.50	2.50		3.00	3.00	3.00	3.00	3.00
Target	2.5	2.48	2.48	2.22	2.55	2.22	2.45	2.45		2.96	2.96	2.96	2.96	2.96

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**Department of Civil Engineering
II Sem Academic Year (2019-20)**

Subject Name: ENGINEERING MATHEMATICS-II

Subject Code: BBSM2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1				1		1	1	1	1	1	1	1		1
CO2				1					1		1	1		1
CO3	1	1	1	2	1	1	1	1	2	1	2	2	1	2
CO4	1		1	1	2				1		1	1	1	2
CO5	2	1	2	2			2	2	2	3	3	2	2	2
Attainment	1.33	1.00	1.33	1.40	1.50	1.00	1.33	1.33	1.40	1.67	1.60	1.40	1.33	1.60
Target	1.32	0.99	1.32	1.38	1.48	0.99	1.32	1.32	1.38	1.65	1.58	1.38	1.32	1.58

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Hyderabad (Engineering, Technical, and Non-Technical)



**Department of Civil Engineering
II Sem Academic Year (2019-20)**

Subject Name: COMPUTER PROGRAMMING USING C

Subject Code: BHSCP


Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	1
CO5	2	1	1	2								1	2	1
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00
Target	2.17	1.48	1.48	1.97	0	0	0	0	0	0	0	0.99	1.98	0.99

Subject Name: ENGINEERING MECHANICS

Subject Code: BESEM

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1				1		1	1	1	1	1	1	1		1
CO2				1					1		1	1		1
CO3	1	1	1	2	1	1	1	1	2	1	2	2	1	2
CO4	1		1	1	2				1		1	1	1	2
CO5	2	1	2	2			2	2	2	3	3	2	2	2
Attainment	1.33	1.00	1.33	1.40	1.50	1.00	1.33	1.33	1.40	1.67	1.60	1.40	1.33	1.60
Target	1.32	0.99	1.32	1.38	1.48	0.99	1.32	1.32	1.38	1.65	1.58	1.38	1.32	1.58


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**Department of Civil Engineering
II Sem Academic Year (2019-20)**

Subject Name: ENGINEERING CHEMISTRY

Subject Code: RBSC1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.28	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

Subject Name: FUNDAMENTALS OF MECHANICAL ENGINEERING

Subject Code: BBSFE

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

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**Department of Civil Engineering
II Sem Academic Year (2019-20)**

Subject Name: ENGINEERING CHEMISTRY LAB

Subject Code: BCH2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

Subject Name: COMPUTER PROGRAMMING USING C LAB

Subject Code: BCPI.2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

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**Department of Civil Engineering
II Sem Academic Year (2019-20)**

Subject Name: CAD LAB

Subject Code: BBSCL

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	2	1						1			1	1	1
CO2	3	2	1						1			1	1	1
CO3	3	2	1						1			1	1	1
CO4														
CO5														
Attainment	3.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
Target	2.97	1.98	0.99	0	0	0	0	0	0.99	0	0	0.99	0.99	0.99


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**Department of Civil Engineering
III Sem Academic Year (2020-21)**

Subject Name: BUILDING MATERIALS, CONSTRUCTION & PLANNING

Subject Code: B13PC1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2			1	2	2			2	3	2
CO2	2	3	3	3									3	1
CO3	3	3	2	2	1			2	2		2	2	3	2
CO4	3	3	2	2	1		2	2	2	2	2	2	3	1
CO5														
Attainment	2.75	3.00	2.25	2.25	1.00	0.00	1.50	2.00	2.00	2.00	2.00	2.00	3.00	1.50
Target	2.72	2.96	2.22	2.22	0.98	0	1.49	1.98	1.98	1.97	1.97	1.98	2.96	1.48

Subject Name: SURVEYING & GEOMATICCS

Subject Code: B13PC2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1						2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	2	3	3		3		3	3	3
CO4	3	1	2	2	2	3	2	2		3		3	3	3
CO5	3	1	2	3		2	2			3		3	3	3
Attainment	2.20	1.50	2.50	2.25	1.67	2.33	2.70	2.22	0.00	3.00	3.00	3.00	3.00	3.00
Target	2.18	1.48	2.48	2.22	1.65	2.30	2.15	2.20	0.00	2.96	2.96	2.96	2.96	2.96



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**Department of Civil Engineering
Academic Year (2020-21)**

Subject Name: STRENGTH OF MATERIALS-I

Subject Code: B13PC3

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	1	2			1					3	1	1
CO2	3	2	2	3			1					3	1	1
CO3	3	3	2	2			1					3	1	1
CO4	3	2	2	3			3					3	1	1
CO5	3	2	2	3			3					3	1	1
Attainment	3.00	2.40	1.80	2.60	0.00	0.00	1.80	0.00	0.00	0.00	0.00	3.00	1.00	1.00
Target	2.32	1.85	1.39	2.01	0	0	1.39	0	0	0	0	2.32	0.77	0.77


Subject Name: FLUID MECHANICS

Subject Code: B13PC4

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98


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**Department of Civil Engineering
Academic Year (2020-21)**

Subject Name: PROBABILITY & STATISTICS


Subject Code: BRSM3

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1				1		1	1	1	1	1	1	1		1
CO2				1					1		1	1		1
CO3	1	1	1	2	1	1	1	1	2	1	2	2	1	2
CO4	1		1	1	2				1		1	1	1	2
CO5	2	1	2	2			2	2	2	3	3	2	2	2
Attainment	1.33	1.00	1.33	1.40	1.50	1.00	1.33	1.33	1.40	1.67	1.60	1.40	1.33	1.60
Target	1.32	0.99	1.32	1.38	1.48	0.99	1.32	1.32	1.38	1.65	1.58	1.38	1.32	1.58

Subject Name: SURVEYING LAB-I

Subject Code: B13PC6

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98


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**Department of Civil Engineering
Academic Year (2020-21)**

Subject Name: STRENGTH OF MATERIALS LAB

Subject Code: B13PC7

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2	2								1	2	1
CO5	2	1	1	1	2							1	2	1
Attainment	2.25	1.67	1.50	1.50	2.00							1.00	2.00	1.00
Target	0.79	0.53	0.53	0.53	1.53							0.98	1.98	0.98

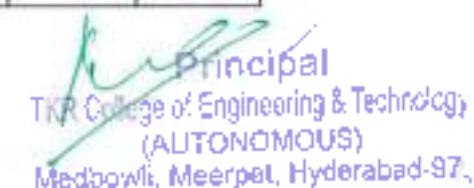
Subject Name: COMPUTER AIDED DESIGN LAB-III

Subject Code: B13PC8

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	2	1						1			1	1	1
CO2	3	2	1						1			1	1	1
CO3	3	2	1						1			1	1	1
CO4														
CO5														
Attainment	3.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
Target	2.97	1.98	0.99	0	0	0	0	0	0.99	0	0	0.99	0.99	0.99


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**Department of Civil Engineering
IV SEM Academic Year (2020-21)**

Subject Name: ENGINEERING GEOLOGY

Subject Code: B14PC1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1						2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	2	3	3		3		3	3	3
CO4	3	1	2	2	2	3	2	2		3		3	3	3
CO5	3	1	2	3		2	2			3		3	3	3
Attainment	2.20	1.50	2.50	2.25	1.67	2.33	2.20	2.22	0.00	3.00	3.00	3.00	3.00	3.00
Target	2.18	1.48	2.48	2.22	1.65	2.30	2.15	2.20	0.00	2.96	2.96	2.96	2.96	2.96

Subject Name: STRENGTH OF MATERIALS -II

Subject Code: B14PC2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	1	2			1					3	1	1
CO2	3	2	2	3			1					3	1	1
CO3	3	3	2	2			1					3	1	1
CO4	3	2	2	3			3					3	1	1
CO5	3	2	2	3			3					3	1	1
Attainment	3	2.4	1.8	2.6	0	0	1.8	0	0	0	0	3	1	1
Target	2.95	2.36	1.77	2.55	0	0	1.77	0	0	0	0	2.95	0.98	0.98



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**Department of Civil Engineering
Academic Year (2020-21)**

Subject Name: HYDRAULICS & HYDRAULIC MACHINERY

Subject Code: B14PC3

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2			1	2	2			2	3	2
CO2	2	3	3	3									3	1
CO3	3	3	2	2	1			2	2		2	2	3	2
CO4	3	3	2	2	1		2	2	2	2	2	2	3	1
CO5														
Attainment	2.75	3.00	2.25	2.25	1.00	0.00	1.50	2.00	2.00	2.00	2.00	2.00	3.00	1.50
Target	2.72	2.96	2.22	2.22	0.98	0	1.49	1.98	1.98	1.97	1.97	1.98	2.96	1.48

Subject Name: STRUCTURAL ANALYSIS-I

Subject Code: B14PC4

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	
CO5	2	1	1	2								1	2	
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	0.00
Target	2.13	1.45	1.41	1.79	0	0	0	0	0	0	0	0.94	1.94	0



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**Department of Civil Engineering
Academic Year (2020-21)**

Subject Name: SOIL MECHANICS

Subject Code: BI4PC5

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1					2	2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	3	3	3		3		3	3	3
CO4	3	1	2	2	2	2	2	2		3		3	3	3
CO5	3	1	2	3			2			3		3	3	3
Attainment	2	1.67	2.67	2	1.67	2.25	2.25	2		3	3	3	3	3
Target	2.17	1.48	2.46	2.21	1.64	2.22	2.22	1.97		2.96	2.99	2.96	2.96	2.96

Subject Name: NUMERICAL METHODS

Subject Code: BB5M6

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1						2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	2	3	3		3		3	3	3
CO4	3	1	2	2	2	3	2	2		3		3	3	3
CO5	3	1	2	3		2	2			3		3	3	3
Attainment	2.20	1.50	2.50	2.25	1.67	2.33	2.20	2.22	0.00	3.00	3.00	3.00	3.00	3.00
Target	2.18	1.48	2.48	2.22	1.65	2.30	2.15	2.20	0.00	2.96	2.96	2.96	2.96	2.96

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Department of Civil Engineering
Academic Year (2020-21)

Subject Name: SURVEYING LAB-II

Subject Code: B14PC7

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

Subject Name: FLUID MECHANICS LAB

Subject Code: B14PC8

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2	2								1	2	1
CO5	2	1	1	1	2							1	2	1
Attainment	2.25	1.67	1.50	1.50	2.00							1.00	2.00	1.00
Target	2.17	1.48	1.48	1.48	1.98							0.98	1.98	0.97

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**Department of Civil Engineering
Academic Year (2020-21)**

Subject Name: ENGINEERING GEOLOGY LAB

Subject Code: B14PC9

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

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**Department of Civil Engineering
V Sem Academic Year (2021-22)**

Subject Name: STRUCTURAL ANALYSIS -II

Subject Code: B15PC1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	1
CO5	2	1	1	2								1	2	1
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00
Target	2.17	1.48	1.48	1.97	0	0	0	0	0	0	0	0.99	1.98	0.99

Subject Name: DRCS

Subject Code: B15PC2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.28	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

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**Department of Civil Engineering
V Sem Academic Year (2021-22)**

Subject Name: TRANSPORTATION ENGINEERING

Subject Code: B15PC3

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1						2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	2	3	3		3		3	3	3
CO4	3	1	2	2	2	3	2	2		3		3	3	3
CO5	3	1	2	3		2	2			3		3	3	3
Attainment	2.20	1.50	2.50	2.25	1.67	2.33	2.20	2.22	0.00	3.00	3.00	3.00	3.00	3.00
Target	2.18	1.48	2.48	2.22	1.65	2.30	2.15	2.20	0.00	2.96	2.96	2.96	2.96	2.96

Subject Name: CONCRETE TECHNOLOGY

Subject Code: B15PE4

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1				1		1	1	1	1	1	1	1		1
CO2				1					1		1	1		1
CO3	1	1	1	2	1	1	1	1	2	1	2	2	1	2
CO4	1		1	1	2				1		1	1	1	2
CO5	2	1	2	2			2	2	2	3	3	2	2	2
Attainment	1.33	1.00	1.33	1.40	1.50	1.00	1.33	1.33	1.40	1.67	1.60	1.40	1.33	1.60
Target	1.32	0.99	1.32	1.38	1.48	0.99	1.32	1.32	1.38	1.65	1.58	1.38	1.32	1.58

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**Department of Civil Engineering
V Sem Academic Year (2021-22)**

Subject Name: FUNDAMENTALS OF MANAGEMENT

Subject Code: B15E155

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
TARGET	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

Subject Name: HIGHWAY ENGINEERING & CONCRETE TECHNOLOGY LAB

Subject Code: B15PC6

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

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**Department of Civil Engineering
V Sem Academic Year (2021-22)**

Subject Name: SOIL MECHANICS LAB

Subject Code:BI5PC7

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

Subject Name: ADVANCED COMMUNICATION SKILLS LAB

Subject Code: BE23

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

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**Department of Civil Engineering
VI Sem Academic Year (2021-22)**

Subject Name: ENVIRONMENTAL ENGINEERING

Subject Code: B16PC1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.96

Subject Name: FOUNDATION ENGINEERING

Subject Code: B16PC2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

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**Department of Civil Engineering
VI Sem Academic Year (2021-22)**

Subject Name: DESIGN OF STEEL STRUCTURES

Subject Code: B16PC3

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	1
CO5	2	1	1	2								1	2	1
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00
Target	2.17	1.48	1.48	1.97	0	0	0	0	0	0	0	0.99	1.98	0.99

Subject Name: Hydrology & Water Resource Engineering

Subject Code: B16PC4

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98


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**Department of Civil Engineering
VI Sem Academic Year (2021-22)**

Subject Name: Prestressed Concrete

Subject Code: B16PE5

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1	1	2	1	2	1	2	1	1	1	1	1	1	2
CO2	3	2	2	1	2	1	1	1	1	1	1	2	1	1
CO3	3	1	3	1	1	1	1	1	1	2	1	1	1	1
CO4	2	2	2	1	2	2	2	1	1	1	2	2	3	3
CO5	2	2	2	3	2	1	2	2	1	2	2	2	1	1
Attainment	2.2	1.6	2.2	1.4	1.8	1.2	1.6	1.2	1	1.4	1.4	1.6	1.4	1.6
Target	2.16	1.57	2.16	1.37	1.77	1.18	1.57	1.18	0.98	1.37	1.37	1.57	1.37	1.57

Subject Name: Environmental Engineering Lab

Subject Code: B16PC7

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98

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**Department of Civil Engineering
VI Sem Academic Year (2021-22)**

Subject Name: Hydraulic Machinery Lab

Subject Code: B16PC8

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2	2								1	2	1
CO5	2	1	1	1	2							1	2	1
Attainment	2.25	1.67	1.50	1.50	2.00							1.00	2.00	1.00
Target	2.17	1.48	1.48	1.48	1.98							0.98	1.98	0.97

Subject Name: Computer Aided Civil Engineering Drawing

Subject Code: B16ES9

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	1		3			2				2	3	2	3
CO2	2	1		3			2				2	3	2	3
CO3	2	1		3			2				2	3	2	3
CO4														
CO5														
Attainment	2.00	1.00		3.00			2.00				2.00	3.00	2.00	3.00
Target	1.99	0.99		2.98			1.99				1.99	2.98	1.99	2.98


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**Department of Civil Engineering
VII Sem Academic Year (2022-23)**

Subject Name: Estimation & Costing

Subject Code: B17PC1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1						2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	2	3	3		3		3	3	3
CO4	3	1	2	2	2	3	2	2		3		3	3	3
CO5	3	1	2	3		2	2			3		3	3	3
Attainment	2.20	1.50	2.50	2.25	1.67	2.33	2.20	2.22	0.00	3.00	3.00	3.00	3.00	3.00
Target	2.18	1.48	2.48	2.21	1.65	2.30	2.15	2.20	0.00	2.96	2.96	2.96	2.96	2.96

Subject Name: WRE-2

Subject Code: B17PE2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1					2	2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	3	3	3		3		3	3	3
CO4	3	1	2	2	2	2	2	2		3		3	3	3
CO5	3	1	2	3			2			3		3	3	3
Attainment	2	1.67	2.67	2	1.67	2.25	2.25	2		3	3	3	3	3
Target	2.17	1.48	2.46	2.21	1.64	2.22	2.22	1.97		2.96	2.99	2.96	2.96	2.96

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**Department of Civil Engineering
VII Sem Academic Year (2022-23)**

Subject Name: Environmental Impact Assessment

Subject Code: B17PE3

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	2	2	2	2	2	1	2	2		2		
CO2	2	3	3	3	3	2	2	1	2	3		2		
CO3	2	2	3	2	3	3	3	2	2	3		3		
CO4	2	2	2	2	3	2	3	3	3	3		3		3
CO5	2	2	2	2	2	2	2	3	3	3		3		3
Attainment	2.20	2.40	2.40	2.20	2.60	2.20	2.40	2.00	2.40	2.80	0.00	2.60	0.00	3.00
Target	2.18	2.38	2.38	2.18	2.58	2.18	2.38	1.98	2.38	2.78	0	2.58	0	2.98

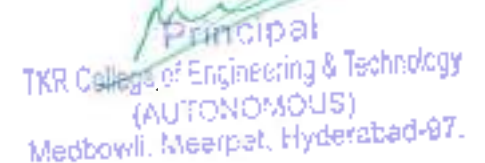
Subject Name: Remote Sensing & Geographic Information System

Subject Code: B17PE4

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	1						2	2		3	3	3	3	3
CO2	2	2	3	2	1	2	2	1		3		3	3	3
CO3	2	2	3	2	2	2	3	3		3		3	3	3
CO4	3	1	2	2	2	3	2	2		3		3	3	3
CO5	3	1	2	3		2	2			3		3	3	3
Attainment	2.20	1.50	2.50	2.25	1.67	2.33	2.20	2.22	0.00	3.00	3.00	3.00	3.00	3.00
Target	2.18	1.48	2.48	2.22	1.65	2.30	2.15	2.20	0.00	2.96	2.96	2.96	2.96	2.96


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**Department of Civil Engineering
VII Sem Academic Year (2022-23)**

Subject Name: Solar Energy Appliances

Subject Code: B17OE5

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	1
CO5	2	1	1	2								1	2	1
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00
Target	2.17	1.48	1.48	1.97	0	0	0	0	0	0	0	0.99	1.98	0.99

**Department of Civil Engineering
VIII Sem Academic Year (2022-23)**

Subject Name: Traffic Engineering & Management

Subject Code: B18PE1

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	2	3	2	1	1	2	2	2	1	2	1	2	3	2
CO2	3	2	3	2	1	2	2	1	2	1	2	2	2	2
CO3	2	3	2	2	2	3	2	3	2	2	2	2	3	3
CO4	3	3	3	2	2	3	2	3	3	2	3	2	3	2
CO5	2	3	1	3	2	2	3	2	1	2	1	2	2	2
Attainment	2.40	2.80	2.20	2.00	1.60	2.40	2.20	2.20	1.80	1.80	1.80	2.00	2.60	2.20
Target	2.38	2.75	2.15	1.98	1.55	2.38	2.15	2.15	1.78	1.78	1.78	1.96	2.55	2.13



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**Department of Civil Engineering
VIII Sem Academic Year (2022-23)**

Subject Name: Construction Project Planning & Management


Subject Code: B18PE2

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3	3	1	3	3	1		1	3	3	3	3	2	1
CO2	3	3	1	2	1	1		1	3	3	3	3	2	3
CO3	3	2	2	2	1			1	3	3	3	3	3	3
CO4	3	1	2	3	3	1		1	3	3	3	3	3	2
CO5	2	3	2	1	1	2	2	2	3	3	3	3	3	3
Attainment	2.80	2.40	1.60	2.20	1.80	1.25	2.00	1.20	3.00	3.00	3.00	3.00	2.60	2.40
Target	2.78	2.38	1.59	2.19	1.79	1.24	1.99	1.19	2.98	2.98	2.98	2.98	2.58	2.38

Subject Name: Rehabilitation & Retrofitting

Subject Code: B18OE3

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO-1	PSO-2
CO1	3												2	
CO2	2	2											2	
CO3	2	2											2	
CO4	2	1	2									1	2	1
CO5	2	1	1	2								1	2	1
Attainment	2.20	1.50	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00
Target	2.17	1.48	1.48	1.97	0	0	0	0	0	0	0	0.99	1.98	0.99


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Engineering Mathematics-I

Subject Code: BBSM1


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.53													
CO2	1.47													
CO3	1.97	1.97												
CO4														
CO5	1.08													
AVG	1.76	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Applied Physics-I

Subject Code: BBSP2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.62	2.62												
CO2	2.20	1.46												
CO3	2.48	2.48	1.65										0.83	
CO4	2.55	2.55											1.70	1.70
CO5	2.25	1.50											0.75	1.50
AVG	2.42	2.12	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	1.60


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Engineering Chemistry

Subject Code: BBSC1


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.73	1.82												
CO2	2.30	1.54												
CO3	1.98	1.32												
CO4	2.06													
CO5	2.12	1.41												
AVG	2.24	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Electronics Devices and Circuits

Subject Code: BBSED

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.67													1.78
CO2	1.60													1.60
CO3	2.33	2.33												1.56
CO4	2.27	2.27	2.27											1.51
CO5	1.46												1.46	1.46
AVG	2.07	2.30	2.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	1.58


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Computer Programming using C


Subject Code: DBSCP

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.87													
CO2	1.56													
CO3	1.49													
CO4	2.34	2.34	2.34											
CO5	0.30	0.30	0.20											
AVG	1.51	1.32	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Electronics Devices and Circuits Lab

Subject Code: BEDCL2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.89			1.92	2.89	2.89				1.92
LO2					2.90		1.93	1.93	2.90	1.93				1.93
LO3					2.89		2.89	1.93	2.89	1.93				1.93
AVG	0.00	0.00	0.00	0.00	2.89	0.00	2.41	1.93	2.89	2.25	0.00	0.00	0.00	1.93


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Computer Programming using C Lab

Subject Code:BCPL2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1	3.00	3.00	3.00											
LO2	2.99	2.99	2.99											
AVG	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Engineering Chemistry Lab

Subject Code: BCH2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1	2.93	2.93	1.96											
LO2	2.94	1.96												
LO3	2.94	1.96												
LO4	2.93	1.95												
LO5	2.93	2.93	1.95											
AVG	2.94	2.35	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Engineering Mathematics-II

Subject Code: BBSM2


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.57													
CO2	1.16													
CO3	1.41													
CO4	1.41													
CO5	1.95	1.95	1.30											
AVG	1.70	1.95	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Applied Physics-II

Subject Code: BBSP3

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.98	1.98												
CO2	1.77	1.18												
CO3	1.64	1.64												
CO4														
CO5														
AVG	1.80	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Professional Communication Language


Subject Code: BHSEN


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.85	2.85	2.85							2.85				
CO2	2.84	2.84			2.84					2.84				
CO3	2.87	1.92		2.87						1.92				
CO4	2.89	2.89		1.93	1.93					2.89				
CO5	2.18	1.87	2.81		2.81									
AVG	2.73	2.47	2.83	2.40	2.53	0.00	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00

Subject Name: Basic Electrical Engineering

Subject Code: BBSBE

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.76	1.76	0.88	1.76	1.76									
CO2	1.30	1.30	1.30	1.30	1.30									1.30
CO3	1.42	0.71		1.42	0.71				0.71				0.71	
CO4	0.81	1.63	0.81	1.63	1.63				0.81				1.63	
CO5	1.55	1.55		0.77										
AVG	1.37	1.39	1.00	1.37	1.35	0.00	0.00	0.00	0.76	0.00	0.00	0.00	1.17	1.30


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Applied Physics Lab

Subject Code:BP113

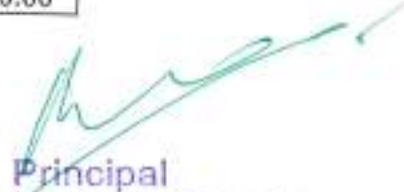
COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1	2.18	2.18												
LO2	2.19	1.46												
LO3	2.18	1.45												
LO4	2.18	1.45												
LO5	2.18	1.45												
AVG	2.18	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Professional Communication Language Lab

Subject Code:BE22

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1		1.95						1.95	1.95	2.93		0.98		
LO2		1.96						0.98	1.96	2.94		0.98		
LO3		1.95						1.95	1.95	2.93		1.95		
LO4		1.95						1.95	1.95	2.93		1.95		
LO5		1.95						1.95	1.95	2.93		1.95		
AVG	0.00	1.95	0.00	0.00	0.00	0.00	0.00	1.76	1.95	2.93	0.00	1.56	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Basic Electrical Engineering Lab


Subject Code:BBEEL2


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1	2.72	2.72	2.72	1.81	1.81				1.81	1.81				
LO2	2.73	2.73	2.73	1.82	1.82									
LO3	2.72	2.72	1.81	1.81	1.81									
LO4	2.71	1.81	2.71	2.71	1.81									
AVG	2.72	2.49	2.49	2.04	1.81	0.00	0.00	0.00	1.81	1.81	0.00	0.00	0.00	0.00

Subject Name: Engineering Workshop

Subject Code:BBSEW

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1	2.92	2.92	2.92	2.92	2.92	1.95	0.97	2.92	2.92	1.95				
LO2	2.93	1.95	1.95	2.93	1.95	1.95	2.93	1.95						
LO3	2.92	2.92							1.94	1.94				
LO4	2.91	1.94	2.91	2.91	1.94	1.94		1.94		1.94				
LO5	2.91	2.91	1.94		2.91	1.94	0.97	1.94	2.91	1.94				
AVG	2.92	2.53	2.43	2.92	2.43	1.94	1.62	2.19	2.59	1.94	0.00	0.00	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Numerical Methods and Transforms


Subject Code: BBSMS4


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.55	1.70												
CO2	2.45	1.63												
CO3	2.45	1.63												
CO4	2.45	2.45												
CO5	2.55	1.70												
AVG	2.49	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Digital Logic Design

Subject Code: B43ES2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.46	2.46	2.19										2.46	1.64
CO2	2.29	2.29	1.78										2.29	1.52
CO3	2.36	2.36	1.83										2.36	1.57
CO4	2.30	2.30	1.78										1.53	1.53
CO5	2.08	2.08	1.38										2.08	1.38
AVG	2.30	2.30	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	1.53


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Analog Electronic Circuit Analysis

Subject Code: B43EC3

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.53	2.53											1.69	2.53
CO2	2.07	1.38											1.38	2.07
CO3	2.38	2.38											1.58	2.38
CO4	2.06	2.06											1.37	2.06
CO5	2.08	2.08											1.39	2.08
AVG	2.22	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	2.22

Subject Name: Signals and Systems

Subject Code :B43EC4

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.81	2.81											1.87	1.87
CO2	2.47	1.65											1.65	1.65
CO3	2.66	2.66											1.77	1.77
CO4	2.44	2.44											1.63	1.63
CO5	2.53	1.69											1.69	1.69
AVG	2.58	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	1.72


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Pulse and Digital Circuits


Subject Code: B43EC5


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.39	2.39	2.12										2.39	2.39
CO2	2.16	2.16	1.67										2.16	2.16
CO3	2.14	2.14	1.66										2.14	2.14
CO4	2.27	2.27	2.02										2.27	2.27
CO5	2.30	2.30	1.53										2.30	2.30
AVG	2.25	2.25	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25

Subject Name: Network Analysis

Subject Code: B43ES

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.93	2.00	2.00	2.93	2.93									1.00
CO2	1.81	1.00	1.81	2.00	1.81									1.00
CO3	2.36	1.57	2.00	2.00	2.36									1.00
CO4	2.00	2.33	2.33	2.33	2.33									1.00
CO5	1.86	2.40	2.00	2.00	2.40									1.00
AVG	2.19	1.86	2.03	2.25	2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Analog Electronic Circuit Analysis Lab


Subject Code: B43EC7


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1								2.80	2.80	1.87			1.87	2.80
LO2								2.81	2.81	1.87			1.87	2.81
LO3								2.80	2.80	1.87			1.87	2.80
LO4								2.79	2.79	1.86			1.86	2.79
LO5														
AVG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	2.80	1.87	0.00	0.00	1.87	2.80

Subject Name: Basic Simulation Lab

Subject Code: B43EC8

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.81			2.81	2.81			2.81		2.81
LO2					2.82			2.82	2.82			1.88		2.82
LO3					2.82			2.82	2.82			2.82		2.82
AVG	0.00	0.00	0.00	0.00	2.82	0.00	0.00	2.82	2.82	0.00	0.00	2.50	0.00	2.82


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Special Functions and Complex Variables


Subject Code: BBSM7


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.79	2.79	2.79											
CO2	2.79	2.48												
CO3	2.79	2.79												
CO4	2.79	2.79	2.79											
CO5	2.79	2.79	2.48											
AVG	2.79	2.73	2.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name: Control Systems

Subject Code: B44PC2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.52	1.68											1.68	
CO2	2.54	1.69											1.69	
CO3	2.52	2.52											2.52	
CO4	2.53	2.53	2.53										2.53	1.69
CO5	2.52	1.68	1.68										1.68	1.68
AVG	2.52	2.02	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	1.68


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Analog Communications

Subject Code: B44PC3

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.52	2.52												
CO2	2.52	1.68												2.52
CO3	2.52	2.52												2.52
CO4	2.53													2.52
CO5	1.68													2.53
AVG	2.35	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.52
														2.52

Subject Name: Linear and Digital IC Applications

Subject Code: B44PC4

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.25	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	1.50
CO2	2.28	2.28	2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	1.52
CO3	2.26	2.26	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.26	1.50
CO4	2.28	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	1.52
CO5	2.26	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.26	1.51
AVG	2.27	1.96	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27	1.51


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Probability Theory and Stochastic Process

Subject Code: B44PC5

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.69			1.69									2.54	1.69
CO2	2.54	1.70		1.70									2.54	1.70
CO3	2.54			2.54									2.54	1.69
CO4	2.55	1.70		1.70									2.55	1.70
CO5	1.69			1.69									2.54	1.69
AVG	2.20	1.70	0.00	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54	1.69

Subject Name: Analog Communications Lab

Subject Code: B44PC6

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.93			2.93	2.93					2.93
LO2					2.94			2.94	2.94					2.94
LO3					2.94			2.94	2.94					2.94
AVG	0.00	0.00	0.00	0.00	2.94	0.00	0.00	2.94	2.94	0.00	0.00	0.00	0.00	2.94

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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Linear and Digital IC Applications Lab

Subject Code: B44PC7


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.90				1.94				2.90	1.94
LO2					1.94				1.94				2.91	2.91
LO3					1.94								1.94	1.94
LO4					2.25				1.93		2.90		2.90	1.93
LO5					2.25				1.93		2.90		2.90	2.90
AVG	0.00	0.00	0.00	0.00	2.26	0.00	0.00	0.00	1.94	0.00	2.90	0.00	2.71	2.32

Subject Name: Pulse and Digital Circuits Lab

Subject Code: B44PC8

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.91					2.91	2.91		1.94	1.94
LO2					2.92					2.92	1.94		1.94	1.94
LO3					2.89					2.89	1.93		1.93	1.93
LO4					2.92					2.92	1.95		1.95	1.95
LO5														
AVG	0.00	0.00	0.00	0.00	2.91	0.00	0.00	0.00	0.00	2.91	2.18	0.00	1.94	1.94


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Electromagnetic Theory and Transmission Lines


Subject Code: B45PC1

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.62	2.62												
CO2	2.35	1.57												1.75
CO3	2.19	1.46												1.57
CO4	2.28	2.28												1.46
CO5	2.24	2.24												1.52
AVG	2.34	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49
														1.56

Subject Name: VLSI Design

Subject Code: B45PC2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.80													
CO2	2.75	2.75	1.84										2.80	1.87
CO3		2.48	2.48	1.65									2.75	2.75
CO4	2.66	2.66		2.66									2.48	1.65
CO5		2.45	2.45		1.63								2.66	2.66
AVG	2.74	2.58	2.26	2.15	1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.45	2.45
													2.63	2.28


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Digital Signal Processing

Subject Code: B45PC3

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.62	2.62											0.87	
CO2	2.61	2.61											1.74	0.87
CO3	2.59												1.72	
CO4	1.58												1.58	1.58
CO5	2.46	1.64											0.82	1.64
AVG	2.37	2.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.36

Subject Name: Digital Communications

Subject Code: B45PC4

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.64	2.64		1.76									2.64	
CO2	2.33	2.33	1.55											2.33
CO3	2.63	2.63	1.76											1.76
CO4		2.48	2.48	1.65									2.48	
CO5	2.35	1.57			1.57									1.57
AVG	2.49	2.33	1.93	1.71	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56	1.88


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name:Operating Systems

Subject Code:B45OE1

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.44													1.63
CO2	2.15	1.43												1.43
CO3	1.42													1.42
CO4	2.39	2.39												1.59
CO5	1.93	1.29												1.29
AVG	2.07	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.47

Subject Name:VLSI &ECAD LAB-I

Subject Code:B45PC6

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.93	2.93							2.93	2.93
LO2					2.94	2.94							2.94	2.94
LO3					2.93	2.93							2.93	2.93
LO4					2.93	2.93							2.93	2.93
LO5					2.93	2.93							2.93	2.93
AVG	0.00	0.00	0.00	0.00	2.93	2.93	0.00	0.00	0.00	0.00	0.00	0.00	2.93	2.93


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Digital Communications Lab


Subject Code: B45PC7

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.92			2.92	2.92				1.95	2.92
LO2					2.93			2.93	2.93				1.95	2.93
LO3					2.92			2.92	2.92				1.95	2.92
LO4					2.92			2.92	2.92				1.95	2.92
LO5					1.94			2.92	2.92				1.94	2.92
AVG	0.00	0.00	0.00	0.00	2.73	0.00	0.00	2.92	2.92	0.00	0.00	0.00	1.95	2.92

Subject Name: Digital Signal Processing Lab

Subject Code: B45PC8

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.93				2.93				2.93	1.96
LO2		2.94				2.94							2.94	1.96
LO3	2.94								1.96				2.94	2.94
LO4						2.93	2.93						2.93	2.93
LO5							2.93	2.93					2.93	1.95
AVG	2.94	2.94	0.00	0.00	2.93	2.94	2.93	2.93	2.45	0.00	0.00	0.00	2.94	2.35


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Antennas and Wave Propagation

Subject Code: B46PC1

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.05	2.05												1.37
CO2	2.41	1.61												
CO3	2.47	2.47												1.65
CO4	2.33	1.56												1.56
CO5	1.60													
AVG	2.17	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52

Subject Name: Microprocessors and Microcontrollers

Subject Code: B46PC2

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.41	2.41											0.80	
CO2	2.34	2.34											1.56	0.78
CO3	2.21												1.47	
CO4	1.52												1.52	1.52
CO5	2.44	1.63											0.81	1.63
AVG	2.19	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	1.31


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Cellular and Mobile Communications


Subject Code: B46PE3

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.38													
CO2	2.46	2.46												1.64
CO3	2.36	2.36												1.57
CO4	2.54	1.70												1.70
CO5	2.46	1.64												1.64
AVG	2.44	2.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64

Subject Name: Image Processing and Pattern Recognition

Subject Code: B46PE4

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.53	2.53											2.53	
CO2	2.18	1.46											2.18	
CO3	2.39	2.39											2.39	
CO4	1.52												2.27	
CO5	1.47												2.20	
AVG	2.02	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	0.00


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Subject Name:Database Management System

Subject Code:B46OE2-I


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.65	2.06												
CO2	1.66													
CO3	2.53	1.69												
CO4	1.59													
CO5	2.53	1.69												
AVG	2.19	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subject Name:Fundamentals of Information Theory

Subject Code:B46OE2-II

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.87	1.25												
CO2	1.21													
CO3	2.34	1.56												
CO4	1.33													
CO5	2.16	1.44												
AVG	1.78	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name:VLSI &ECAD LAB-II

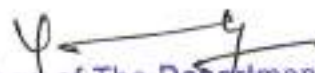
Subject Code:B46PC6

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.94	2.94							2.94	2.94
LO2					2.95	2.95							2.95	2.95
LO3					2.95	2.95							2.95	2.95
LO4					2.94	2.94							2.94	2.94
LO5					2.94	2.94							2.94	2.94
AVG	0.00	0.00	0.00	0.00	2.95	2.95	0.00	0.00	0.00	0.00	0.00	0.00	2.95	2.95

Subject Name:Microprocessors and Microcontrollers Lab

Subject Code:B46PC7

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.93			2.93	2.93					2.93
LO2					2.94			2.94	1.96					2.94
LO3					2.93			2.93	1.96					2.93
LO4					2.93			2.93	1.95				1.95	2.93
LO5					2.93			2.93	1.95				1.95	2.93
AVG	0.00	0.00	0.00	0.00	2.93	0.00	0.00	2.93	2.15	0.00	0.00	0.00	1.95	2.93


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name:Advanced English Communication Skills Lab

Subject Code:B46HS8

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1	2.93	2.93	1.95							2.93				
LO2	2.94	2.94			2.94					2.94				
LO3	2.93	2.93			1.96					2.93				
LO4	2.93									2.93		1.95		
LO5	2.93	2.93	1.95		2.93					1.95				
AVG	2.93	2.93	1.95	0.00	2.61	0.00	0.00	0.00	0.00	2.74	0.00	1.95	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Microwave Engineering

Subject Code: B47PC1

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.54	2.54												
CO2	2.20	1.47												1.70
CO3	2.56	1.70												
CO4	1.81	2.72												1.70
CO5	2.63	1.75												1.81
AVG	2.35	2.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75
														1.74

Subject Name: Computer Networks

Subject Code: B47OE3

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.79	2.79												
CO2	1.86	1.86	1.24											
CO3	2.03	1.35												
CO4	2.21	2.21	1.47											
CO5	1.29													
AVG	2.04	2.05	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Professional Ethics


Subject Code: B47HS3


COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1						2.77		2.77						
CO2						2.20		1.47						
CO3						2.30		1.53						
CO4						2.61		2.61	2.61				2.61	
CO5						2.30	2.30	1.54						
AVG	0.00	0.00	0.00	0.00	0.00	2.44	2.30	1.98	2.61	0.00	0.00	0.00	2.61	0.00

Subject Name: Business Economics and Financial Analysis

Subject Code: B47HS4

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1						1.86					1.86	1.86		
CO2					1.78						1.78	1.78		
CO3											1.78	1.78		
CO4											2.61	1.74		
CO5											2.62			
AVG	0.00	0.00	0.00	0.00	1.78	1.86	0.00	0.00	0.00	0.00	2.13	1.79	0.00	0.00


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Microwave Engineering Lab

Subject Code: B47PC5

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					2.94			2.94	2.94					1.96
LO2					2.94			2.94	2.94					1.96
LO3					2.94			2.94	2.94					1.96
AVG	0.00	0.00	0.00	0.00	2.94	0.00	0.00	2.94	2.94	0.00	0.00	0.00	0.00	1.96

Subject Name: Advanced Technologies Lab

Subject Code: B47PC6

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
LO1					1.98			1.98						2.97
LO2					1.98			1.98						2.97
LO3					2.97		2.97	1.98	2.97			2.97		2.97
LO4					2.98		2.98	1.98	2.98			2.98		2.98
AVG	0.00	0.00	0.00	0.00	2.48	0.00	2.97	1.98	2.97	0.00	0.00	2.97	0.00	2.97


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ELECTRONICS AND COMMUNICATION ENGINEERING


2022-23

Subject Name: Project Stage – I

Subject Code: B47PC7

RUs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
RU1	2.93	2.93	2.93	2.93					2.93	2.93				
RU2	2.94	2.94	2.94	1.96	2.94				2.94	2.94				2.94
AVG	2.94	2.94	2.94	2.45	2.94	0.00	0.00	0.00	2.94	2.94	0.00	0.00	0.00	2.94


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Adhoc Wireless Sensors Networks

Subject Code: B48PE1

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
CO1	2.79	2.17											0.93	0.93	1.86
CO2	2.51	2.51	1.67										0.84	1.67	0.84
CO3	2.37	2.37	1.58										0.79	0.79	0.79
CO4	2.66	2.66	2.07										0.89	1.77	1.77
CO5	1.71	1.83	1.22										0.73	0.73	1.47
AVG	2.41	2.31	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	1.18	1.34

Subject Name: Satellite Communications

Subject Code: B48PE2-I

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.61	2.61												1.74
CO2	2.79	1.86												1.86
CO3	2.38	2.38												1.59
CO4	2.81	2.81												1.87
CO5	1.73	1.73												1.73
AVG	2.46	2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Design of Fault Tolerant Systems


Subject Code: B48PE2-II

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.52	2.52	2.52	2.52	2.52								1.68	2.52
CO2	1.90	1.90	1.90	1.90	1.27								1.27	1.90
CO3	2.30	2.30	2.30	2.30	2.30								1.53	2.30
CO4	2.58	2.58	2.58	2.58	2.58								1.72	2.58
CO5	2.29	2.29	2.29	2.29	2.29								1.52	2.29
AVG	2.32	2.32	2.32	2.32	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	2.32

Subject Name: Embedded Systems

Subject Code: B48PE3-I

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.87													
CO2	2.58					2.87								
CO3	1.53												2.58	2.58
CO4	2.65	2.65											1.53	1.53
CO5	2.38	1.59												1.77
AVG	2.40	2.12	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00	2.06	1.96


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23

Subject Name: Radar Systems


Subject Code: B48PE3-II

COs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.80	1.86												
CO2	2.33	1.55												
CO3	1.99	1.33												
CO4	2.61	2.61											0.66	
CO5	1.33												1.74	1.74
AVG	2.21	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	1.33
													1.02	1.54

Subject Name: Project Stage - II

Subject Code: B48EC4

RUs/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
RU3	2.93	2.93	2.93		2.93	0.98		2.93	2.93	2.93	2.93		1.96	1.96
RU4	2.94	2.94	2.94											
RU5	2.94	2.94	2.94											
AVG	2.94	2.94	2.94	0.00	2.93	0.98	0.00	2.93	2.93	2.93	2.93	0.00	1.96	1.96


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Department of Information Technology Batch: 2018-22

Subject Name: Engineering Mathematics-I

Subject Code: BBSM1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	2		1	1	1	1	1	1	2	2	1
CO2	3	3	2	2		1	1	1	1	1	1	2	1	1
CO3	3	2	2	2		1	1	1	1	1	1	2	2	1
CO4	2	3	2	3		1	1	1	1	1	1	2	1	1
CO5	3	3	2	3		1	1	1	1	1	1	2	1	1
Target	2.80	2.80	2.00	2.40	-	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.40	1.00

Subject Name: Applied Physics-I

Subject Code: BBSP2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	2	3		1	1	1	1	1	1	2	2	2
CO2	2	3	2	2		1	1	1	1	1	1	2	2	2
CO3	3	3	3	3		1	1	1	1	1	1	2	2	2
CO4	3	3	3	3		1	1	1	1	1	1	2	2	2
CO5	3	2	2	3		1	1	1	1	1	1	3	2	2
Target	2.80	2.60	2.40	2.80	-	1.00	1.00	1.00	1.00	1.00	1.00	2.20	2.00	2.00

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Department of Information Technology Batch: 2018-22

Subject Name: Professional Communication Language

Subject Code: BHSEN

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	1	2	1		2	2	2	2	3	2	3	2	2
CO2	1	1	1	2		2	2	2	2	3	2	3	1	1
CO3	1	1	2	1		2	3	2	3	3	2	3	2	1
CO4	1	1	2	1		2	2	2	2	3	2	3	1	1
CO5	1	1	2	1		2	2	2	2	3	2	3	1	1
Target	1.00	1.00	1.80	1.20	-	2.00	2.20	2.00	2.20	3.00	2.00	3.00	1.40	1.20

Subject Name: Basic Electrical Engineering

Subject Code: BBSBE

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	2		1	1	1	1	1	1	2	2	2
CO2	3	2	3	3		1	1	1	1	1	1	2	2	2
CO3	3	2	2	2		1	1	1	1	1	1	2	2	2
CO4	3	2	2	2		1	1	1	1	1	1	2	2	2
CO5	2	2	2	2		2	2	2	2	1	2	3	2	2
Target	2.80	2.20	2.20	2.20	-	1.20	1.20	1.20	1.20	1.00	1.20	2.20	2.00	2.00

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Department of Information Technology Batch: 2018-22

Subject Name: Engineering Graphics

Subject Code: BBSEG

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	2	2		1	1	1	1	1	1	2	2	2
CO2	3	3	3	2		1	1	1	1	1	1	2	2	2
CO3	2	2	3	2		1	1	1	1	2	1	2	2	2
CO4	3	2	2	2		1	1	1	2	3	2	2	2	2
CO5	3	2	3	2		1	1	1	2	3	2	3	2	2
Target	2.80	2.20	2.60	2.00	-	1.00	1.00	1.00	1.40	2.00	1.40	2.20	2.00	2.00

Subject Name: Engineering Workshop

Subject Code: BBSEW

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	2		1	1	1	2	1	1	2	2	1
CO2	3	2	2	2		2	2	1	3	2	2	2	1	1
CO3	3	2	2	2		1	1	1	2	1	1	2	2	1
CO4	3	2	2	2		1	1	1	2	2	2	2	1	1
CO5	3	2	2	2		2	2	2	2	2	2	3	1	1
Target	2.80	2.00	2.00	2.00	-	1.40	1.40	1.20	2.20	1.60	1.60	2.20	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: BASIC ELECTRICAL ENGINEERING LAB

Subject Code: BBEEL2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	2	2	1	1	1	2	2	1	2	2	1
CO2	2	3	2	2	3	1	1	1	2	2	1	2	1	1
CO3	3	2	3	2	3	1	1	1	2	2	1	2	2	1
CO4	3	3	2	2	3	2	2	2	3	2	1	2	1	1
CO5	3	2	2	2	2	2	2	2	2	2	2	2	1	1
Target	2.80	2.60	2.20	2.00	2.60	1.40	1.40	1.40	2.20	2.00	1.20	2.00	1.40	1.00

Subject Name: PROFESSIONAL COMMUNICATION LANGUAGE LAB

Subject Code: BE22

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	1	1	1	1	1	1	1	2	3	1	2	2	1
CO2	2	2	1	1	1	2	2	1	3	3	1	2	1	1
CO3	1	1	1	1	1	2	2	1	2	3	1	2	2	1
CO4	1	1	1	1	1	2	2	1	3	3	2	2	1	1
CO5	1	1	1	1	1	2	3	1	3	3	2	3	1	1
Target	1.20	1.20	1.00	1.00	1.00	1.80	2.00	1.00	2.60	3.00	1.40	2.20	1.40	1.00


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Department of Information Technology Batch: 2018-22

Subject Name: Engineering Mathematics-II

Subject Code: BBSM2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	2		1	1	1	1	2	1	2	2	1
CO2	3	3	3	2		2	2	1	2	1	1	2	1	1
CO3	3	3	2	2		1	1	1	1	2	1	2	2	1
CO4	3	2	3	3		2	2	1	2	2	1	2	1	1
CO5	3	3	3	3		2	2	1	2	2	1	2	1	1
Target	2.80	2.80	2.60	2.40	-	1.60	1.60	1.00	1.60	1.80	1.00	2.00	1.40	1.00

Subject Name: Applied Physics-II

Subject Code: BBSP3

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	3	2		2	2	1	1	2	1	2	2	1
CO2	3	3	2	2		2	2	1	2	2	1	2	1	1
CO3	2	3	3	2		2	2	1	1	2	1	2	2	1
CO4	3	3	2	3		2	3	1	2	2	1	2	1	1
CO5	3	3	2	3		2	2	1	2	2	1	2	1	1
Target	2.80	2.80	2.40	2.40	-	2.00	2.20	1.00	1.60	2.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Engineering Chemistry

Subject Code: BBSCI

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
3	3	3	2	2									2	2
CO2	3	2	3				2						2	2
CO3	2			2					2				2	2
CO4	3	3		2						2			2	2
CO5	3	3		1						2			2	2
Target	3.00	3.00	2.40	2.00	-	-	2.00	-	2.00	2.00	-	-	2.00	2.00

Subject Name: Electronics Devices and Circuits

Subject Code: BBSED

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	3	3	2		2	1	2	2	1	1	2	1	1
CO3	3	3	3	2		2	1	2	2	1	1	2	2	1
CO4	3	3	3	2		2	1	2	2	1	1	2	1	1
CO5	3	3	3	2		2	1	2	2	1	1	2	1	1
Target	3.00	3.00	3.00	2.00	-	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Computer Programming using C

Subject Code: BBSCP

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	2	3	2		2	1	2	2	1	1	2	1	1
CO3	3	3	3	2		2	1	2	1	1	1	2	2	1
CO4	2	3	3	2		2	1	2	2	1	1	2	1	1
CO5	3	3	2	2		2	1	2	2	1	1	2	1	1
Target	2.80	2.80	2.80	2.00	-	2.00	1.00	2.00	1.80	1.00	1.00	2.00	1.40	1.00

Subject Name: Applied Physics Lab

Subject Code: BP113

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2	2	2	1	2	2	1	1	2	2	1
CO2	3	3	2	2	2	2	1	2	2	1	1	2	1	1
CO3	2	3	3	2	2	2	1	2	1	1	1	2	2	1
CO4	3	3	3	2	2	2	1	2	2	1	1	2	1	1
CO5	3	2	3	2	2	2	1	2	2	1	1	2	1	1
Target	2.80	2.80	2.80	2.00	2.00	2.00	1.00	2.00	1.80	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Engineering Chemistry Lab

Subject Code: BCH2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2	2	2	1	2	2	1	1	2	2	1
CO2	3	3	3	2	2	2	1	2	2	1	1	2	1	1
CO3	3	3	2	2	2	1	1	2	2	1	1	2	2	1
CO4	2	3	3	2	2	2	1	2	2	1	1	2	1	1
CO5	3	2	3	2	2	2	1	2	2	1	1	2	1	1
Target	2.80	2.80	2.80	2.00	2.00	1.80	1.00	2.00	2.00	1.00	1.00	2.00	1.40	1.00

Subject Name: Electronics Devices and Circuits Lab

Subject Code: BEDCL2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	2	2	2	1	2	2	1	1	2	2	1
CO2	3	3	3	2	2	2	1	2	2	1	1	2	1	1
CO3	3	2	3	2	2	2	1	2	2	1	1	2	2	1
CO4	2	3	3	2	2	2	1	2	1	1	1	2	1	1
CO5	3	3	3	2	2	2	1	2	2	1	1	2	1	1
Target	2.80	2.80	2.80	2.00	2.00	2.00	1.00	2.00	1.80	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Computer Programming using C Lab

Subject Code: BCPL2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2	2	2	1	2	2	1	1	2	2	1
CO2	2	3	3	2	2	2	1	2	2	1	1	2	1	1
CO3	3	2	3	2	2	2	1	1	2	1	1	2	2	1
CO4	3	3	3	2	2	2	1	2	2	1	1	2	1	1
CO5	3	3	2	2	2	2	1	2	2	1	1	2	1	1
Target	2.80	2.80	2.80	2.00	2.00	2.00	1.00	1.80	2.00	1.00	1.00	2.00	1.40	1.00

Subject Name: Probability & Statistics

Subject Code: BBSM3

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	3	3	2		2	1	2	2	1	1	2	1	1
CO3	3	3	3	2		2	1	2	2	1	1	2	2	1
CO4	3	3	3	2		2	1	2	2	1	1	2	1	1
CO5	3	3	3	2		2	1	2	2	1	1	2	1	1
Target	3.00	3.00	3.00	2.00	-	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Data Structures

Subject Code: B63PC1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	3	3	2		2	1	2	2	1	1	2	1	1
CO3	2	3	3	2		2	1	2	2	1	1	2	2	1
CO4	3	3	3	2		2	1	2	2	1	1	2	1	1
CO5	3	3	3	2		2	1	2	2	1	1	2	1	1
Target	2.80	3.00	3.00	2.00	-	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.40	1.00

Subject Name: Digital Logic Design

Subject Code: B63PC2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	2		2	1	2	2	1	1	2	2	1
CO2	3	3	3	2		2	1	2	2	1	1	2	1	1
CO3	3	2	3	2		1	1	2	2	1	1	2	2	1
CO4	3	2	3	2		2	1	2	2	1	1	2	1	1
CO5	2	3	3	2		2	1	2	2	1	1	2	1	1
Target	2.80	2.60	2.80	2.00	-	1.80	1.00	2.00	2.00	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Object Oriented Programming

Subject Code: B63PC3

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	2		2	1	2	2	1	1	2	2	1
CO2	3	3	3	2		2	1	2	2	1	1	2	1	1
CO3	3	2	2	2		2	1	2	2	1	1	2	2	1
CO4	3	3	3	2		1	1	2	2	1	1	2	1	1
CO5	2	3	3	2		2	1	2	2	1	1	2	1	1
Target	2.80	2.80	2.60	2.00	-	1.80	1.00	2.00	2.00	1.00	1.00	2.00	1.40	1.00

Subject Name: Introduction to Analytics

Subject Code: B63PC4

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	3	3	2		2	1	2	2	1	1	2	1	1
CO3	1	3	3	2		2	1	2	1	1	1	2	2	1
CO4	3	2	3	2		1	1	2	2	1	1	2	1	1
CO5	3	3	1	2		2	1	2	2	1	1	2	1	1
Target	2.40	2.80	2.60	2.00	-	1.80	1.00	2.00	1.80	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Data Structures Lab

Subject Code: B63PC4

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	3	2	2	2	1	2	2	1	1	2	2	1
CO2	3	3	3	2	2	1	1	2	2	1	1	2	1	1
CO3	2	3	2	2	2	2	1	2	2	1	1	2	1	1
CO4	3	2	3	2	2	2	1	2	2	1	1	2	1	1
CO5	3	3	2	2	2	2	1	2	1	1	1	2	1	1
Target	2.60	2.80	2.60	2.00	2.00	1.80	1.00	2.00	1.80	1.00	1.00	2.00	1.20	1.00

Subject Name: Object Oriented Programming Lab

Subject Code: B63PC6

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	3	2	2	2	1	2	2	1	1	2	2	1
CO2	3	2	3	2	2	2	1	1	2	1	1	2	1	1
CO3	2	3	2	2	2	2	1	2	2	1	2	2	1	1
CO4	1	2	3	2	2	2	1	2	2	1	1	2	1	2
CO5	3	3	2	2	2	2	1	2	2	1	1	2	2	1
Target	2.40	2.40	2.60	2.00	2.00	2.00	1.00	1.80	2.00	1.00	1.20	2.00	1.40	1.20

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Department of Information Technology

Batch: 2018-22

Subject Name: DIGITAL LOGIC DESIGN LAB

Subject Code: B63PC7

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	2	2	2	2	1	2	2	1	1	2	2	1
CO2	3	1	3	2	2	2	1	1	2	1	1	2	1	1
CO3	2	3	3	2	2	2	1	2	2	1	1	2	1	2
CO4	3	3	2	2	2	2	1	2	1	1	1	2	1	1
CO5	2	3	2	2	2	2	1	1	2	1	1	2	2	1
Target	2.60	2.40	2.40	2.00	2.00	2.00	1.00	1.60	1.80	1.00	1.00	2.00	1.40	1.20

Subject Name: Discrete Mathematics LAB

Subject Code: BBSM5

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	1	2	2	2	1	1	2	1	1	2	1	1
CO2	2	1	2	2	2	1	1	1	2	1	1	1	1	1
CO3	1	2	2	2	2	2	1	2	2	1	1	2	1	2
CO4	2	2	2	2	2	1	1	2	2	1	1	1	1	1
CO5	2	1	2	2	2	2	1	1	2	1	1	2	2	1
Target	1.80	1.60	1.80	2.00	2.00	1.60	1.00	1.40	2.00	1.00	1.00	1.60	1.20	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: Computer Organization

Subject Code: B64PC2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	3	3	2		2	1	1	2	1	1	2	1	1
CO3	3	2	3	2		2	1	2	2	1	1	2	1	1
CO4	1	3	2	2		2	1	1	2	1	1	2	1	1
CO5	3	1	1	2		2	1	2	2	1	1	2	2	1
Target	2.40	2.40	2.40	2.00	-	2.00	1.00	1.60	2.00	1.00	1.00	2.00	1.40	1.00

Subject Name: Database Management Systems

Subject Code: B64PC3

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	3	2	2		2	1	2	2	1	1	2	2	1
CO2	3	2	3	3		2	2	1	2	2	1	1	2	1
CO3	3	3	3	1		2	2	1	2	1	1	1	2	1
CO4	2	1	3	3		2	2	1	2	2	1	1	1	1
CO5	3	3	1	2		2	2	1	2	2	1	1	2	2
Target	2.40	2.40	2.40	2.20	-	2.00	1.80	1.20	2.00	1.60	1.00	1.20	1.80	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: Software Engineering

Subject Code: B64PC4

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	2	3	2		2	1	2	2	1	1	1	1	1
CO3	3	3	3	2		2	1	2	2	1	1	2	1	1
CO4	2	3	2	2		2	1	2	2	1	1	2	1	1
CO5	3	3	3	2		2	1	2	2	1	1	2	2	1
Target	2.80	2.80	2.80	2.00	-	2.00	1.00	2.00	2.00	1.00	1.00	1.80	1.40	1.00

Subject Name: Formal Language & Automata Theory

Subject Code: B64PC5

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	3	2		1	1	2	2	1	1	2	2	1
CO2	3	3	2	2		2	1	2	2	1	1	2	1	1
CO3	1	3	3	2		2	1	2	2	1	1	2	1	1
CO4	3	2	1	2		2	1	1	2	1	1	2	1	2
CO5	3	1	3	2		2	1	2	2	1	1	2	2	1
Target	2.40	2.40	2.40	2.00	-	1.80	1.00	1.80	2.00	1.00	1.00	2.00	1.40	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: Database Management System Lab

Subject Code: B64PC6

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	2	2	2	1	2	2	1	1	2	2	1
CO2	2	3	2	2	2	2	1	1	2	1	1	2	1	1
CO3	3	3	2	2	2	2	1	2	1	1	1	2	1	1
CO4	2	2	3	2	2	2	1	2	2	1	1	2	1	1
CO5	3	2	3	2	2	2	1	2	2	1	1	2	2	1
Target	2.60	2.60	2.60	2.00	2.00	2.00	1.00	1.80	1.80	1.00	1.00	2.00	1.40	1.00

Subject Name: Software Engineering Lab

Subject Code: B64PC7

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	3	2	2	2	1	1	2	1	1	2	2	1
CO2	3	3	2	2	2	2	1	2	2	1	1	2	1	1
CO3	3	3	3	2	2	2	1	2	1	1	1	2	1	1
CO4	2	2	2	2	2	2	1	2	2	1	1	2	1	1
CO5	3	3	3	2	2	2	1	2	2	1	1	2	2	1
Target	2.60	2.80	2.60	2.00	2.00	2.00	1.00	1.80	1.80	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology

Batch: 2018-22

Subject Name: IT Workshop

Subject Code: BITW1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	1	1	1	1	2	2	2	1	1	2	2	1
CO2	3	3	1	1	1	1	2	2	2	1	1	2	1	1
CO3	1	2	2	1	1	1	2	1	2	1	1	2	1	2
CO4	3	3	2	1	1	1	2	2	1	1	1	2	1	1
CO5	2	1	2	1	1	1	2	2	2	1	1	2	2	1
Target	2.40	2.40	1.60	1.00	1.00	1.00	2.00	1.80	1.80	1.00	1.00	2.00	1.40	1.20

Subject Name: Operating Systems

Subject Code: B65PC1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	2	2		2	1	2	2	1	1	2	2	1
CO2	3	3	2	2		2	1	2	2	1	1	2	1	1
CO3	2	3	3	2		2	1	2	2	1	1	2	2	1
CO4	3	2	3	2		2	1	2	2	1	1	2	1	1
CO5	1	3	3	3		2	1	2	2	1	1	2	2	1
Target	2.40	2.60	2.60	2.20	-	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.60	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Computer Networks

Subject Code: B65PC2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	3	3	2		2	1	2	2	1	1	2	2	1
CO2	3	2	2	2		2	1	2	2	1	1	2	1	1
CO3	2	3	3	2		2	1	1	1	1	1	2	1	2
CO4	3	1	3	2		2	1	2	2	1	1	2	1	1
CO5	3	3	1	2		2	1	2	2	1	1	2	2	1
Target	2.40	2.40	2.40	2.00	-	2.00	1.00	1.80	1.80	1.00	1.00	2.00	1.40	1.20

Subject Name: Data Warehousing & Data Mining

Subject Code: B65PC3

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	3	2		2	1	2	2	1	1	2	2	1
CO2	2	3	3	2		2	1	1	2	1	1	2	1	1
CO3	2	2	2	2		2	1	2	2	1	1	2	1	2
CO4	3	3	2	2		2	1	2	2	1	1	1	1	1
CO5	2	3	2	2		2	1	2	2	1	1	2	2	1
Target	2.40	2.60	2.40	2.00	-	2.00	1.00	1.80	2.00	1.00	1.00	1.80	1.40	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: Design and Analysis of Algorithms

Subject Code: B65PC4

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	3	3		2	2	2	2	1	1	2	2	1
CO2	1	2	3	3		2	1	2	2	1	1	2	1	1
CO3	3	3	3	2		2	2	2	2	1	1	2	1	1
CO4	3	1	2	3		2	2	2	2	1	1	2	1	1
CO5	2	3	3	3		2	2	2	2	1	1	2	2	1
Target	2.40	2.40	2.80	2.80	-	2.00	1.80	2.00	2.00	1.00	1.00	2.00	1.40	1.00

Subject Name: Fundamentals of Management

Subject Code: BHSFM

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	3	3	3		2	2	2	2	1	1	2	2	1
CO2	3	1	2	2		2	2	2	2	1	1	2	1	1
CO3	2	3	1	3		2	2	2	1	1	1	2	1	2
CO4	2	1	3	3		2	2	2	2	1	1	2	1	1
CO5	3	3	3	2		2	2	2	2	1	1	2	2	1
Target	2.20	2.20	2.40	2.60	-	2.00	2.00	2.00	1.80	1.00	1.00	2.00	1.40	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: Linux Programming

Subject Code: B65PC6

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	1		2	2	1	2	2	1	1	2	2
CO2	2	3	2	1		2	2	1	2	2	1	1	2	2
CO3	3	1	3	2		1	2	2	2	1	1	2	1	2
CO4	3	3	1	2		3	2	2	2	1	1	2	1	1
CO5	3	3	2	1		2	2	1	2	2	1	1	2	2
Target	2.80	2.60	2.00	1.40	-	2.00	2.00	1.40	2.00	1.60	1.00	1.40	1.60	1.80

Subject Name: Operating Systems and Computer Networks lab

Subject Code: B65PC7

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	2	2	1	2	2	2	1	1	2	2	1
CO2	3	3	1	2	2	1	2	2	2	1	1	2	1	1
CO3	2	3	2	2	2	1	2	1	2	1	1	2	1	1
CO4	3	2	2	2	2	1	2	2	2	1	1	2	1	2
CO5	3	1	2	2	2	1	2	2	2	1	1	2	2	1
Target	B417:04	2.40	1.80	2.00	2.00	1.00	2.00	1.80	2.00	1.00	1.00	2.00	1.40	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: **Linux Programming Lab**

Subject Code: **B65PC8**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	3	2	2	2	1	2	2	2	1	1	2	2	1
CO2	2	3	2	2	2	1	2	1	2	1	1	2	1	1
CO3	3	1	2	2	1	2	2	2	2	1	1	2	1	1
CO4	3	2	1	2	3	2	2	2	2	1	1	2	1	2
CO5	3	3	2	2	2	1	2	2	2	1	1	2	2	1
Target	2.40	2.40	1.80	2.00	2.00	1.40	2.00	1.80	2.00	1.00	1.00	2.00	1.40	1.20

Subject Name: ***Professional Ethics**

Subject Code: **B65MC1**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	1	3		2	3	2	3	3	3	3	3	3
CO2	3	3	3	2		3	2	3	3	3	3	2	3	3
CO3	1	3	3	1		3	3	1	3	2	3	3	2	3
CO4	3	2	3	3		3	1	3	3	3	3	3	3	2
CO5	3	1	3	3		3	3	3	3	3	3	2	3	3
Target	2.40	2.40	2.60	2.40	-	2.80	2.40	2.40	3.00	2.80	3.00	2.60	2.80	2.80

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Department of Information Technology Batch: 2018-22

Subject Name: Web Technologies

Subject Code: B66PC1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	1		3	3	3	2	1	1	2	1	1
CO2	2	2	2	3		1	1	1	3	3	2	1	2	1
CO3	2	2	2	2		1	1	1	3	2	2	1	1	1
CO4	1	1	2	2		2	3	3	1	2	2	3	1	1
CO5	1	1	2	2		3	3	3	1	2	2	3	1	1
Target	1.60	1.80	2.00	2.00	-	2.00	2.20	2.20	2.00	2.00	1.80	2.00	1.20	1.00

Subject Name: Object Oriented Analysis & Design

Subject Code: B66PC2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	1		2	2	2	2	1	1	2	1	1
CO2	2	2	1	2		1	1	1	3	3	2	1	2	1
CO3	2	2	2	2		1	1	1	3	2	2	1	1	2
CO4	1	1	2	2		3	3	1	1	2	2	3	2	1
CO5	1	1	2	2		1	3	3	1	2	2	3	1	1
Target	1.60	1.60	1.80	1.80	-	1.60	2.00	1.60	2.00	2.00	1.80	2.00	1.40	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: Compiler Design

Subject Code: B66PC3

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	1		2	3	2	2	1	1	2	1	1
CO2	2	1	2	2		1	1	1	3	3	2	1	2	1
CO3	2	2	1	2		1	1	1	2	2	2	1	1	2
CO4	1	1	2	2		3	3	1	1	2	2	2	1	1
CO5	1	2	2	2		1	3	3	1	2	2	2	1	1
Target	1.60	1.60	1.80	1.80	-	1.60	2.20	1.60	1.80	2.00	1.80	1.60	1.20	1.20

Subject Name: Software Project Management

Subject Code: B66PE4

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	1		2	2	2	2	1	1	2	1	1
CO2	2	2	2	2		2	2	2	2	3	2	1	2	1
CO3	2	2	2	2		2	2	2	2	2	2	1	1	2
CO4	2	2	2	2		3	3	3	1	2	2	2	2	1
CO5	3	2	2	2		2	3	3	1	2	2	2	1	1
Target	2.20	2.00	2.00	1.80	-	2.20	2.40	2.40	1.60	2.00	1.80	1.60	1.40	1.20

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Department of Information Technology Batch: 2018-22

Subject Name: Principles of Electronic Communication System

Subject Code: B66OE5

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	1		2	3	2	2	1	1	2	1	1
CO2	2	2	2	2		1	1	1	3	3	2	1	2	1
CO3	2	2	2	2		1	1	1	2	2	2	1	1	2
CO4	2	2	2	2		3	2	2	1	2	2	2	2	1
CO5	2	1	2	2		2	3	2	1	2	2	2	1	2
Target	2.00	1.80	2.00	1.80	-	1.80	2.00	1.60	1.80	2.00	1.80	1.60	1.40	1.40

Subject Name: Tele Communication Switching System & Network

Subject Code: B66OE6

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	2		2	3	2	2	2	2	2	2	1
CO2	2	2	2	2		1	2	1	3	1	2	1	2	2
CO3	2	2	2	2		1	1	2	2	2	2	1	1	2
CO4	1	2	2	2		1	2	2	1	2	2	2	2	1
CO5	2	2	2	2		2	3	2	1	2	2	2	1	2
Target	1.80	2.00	2.00	2.00	-	1.40	2.20	1.80	1.80	1.80	2.00	1.60	1.60	1.60

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Department of Information Technology Batch: 2018-22

Subject Name: Web Technologies Lab

Subject Code: B66PC7

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	2	2	1	2	2	2	1	1	2	2	1
CO2	3	2	2	2	2	1	2	2	2	1	1	2	1	1
CO3	3	3	2	2	2	2	2	2	1	1	1	2	1	1
CO4	2	2	3	2	2	2	2	2	2	1	1	2	1	1
CO5	3	3	2	2	2	1	2	2	2	1	1	2	2	1
Target	2.60	2.60	2.20	2.00	2.00	1.40	2.00	2.00	1.80	1.00	1.00	2.00	1.40	1.00

Subject Name: Case Tools Lab

Subject Code: B66PC8

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	2	2	1	2	2	2	1	1	2	2	1
CO2	2	2	2	2	2	1	2	2	2	1	1	2	1	1
CO3	3	2	1	2	2	2	2	2	1	1	1	2	1	1
CO4	2	2	2	2	3	2	2	2	2	1	1	2	1	1
CO5	3	3	2	2	2	1	2	2	2	1	1	2	2	1
Target	2.40	2.40	1.80	2.00	2.20	1.40	2.00	2.00	1.80	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Cyber Security

Subject Code: B66MC2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	1	2		2	3	2	2	1	2	2	2	1
CO2	2	2	2	2		2	2	1	2	2	1	2	1	2
CO3	1	2	2	2		1	2	2	2	2	2	1	2	2
CO4	2	2	1	1		3	2	2	1	2	2	2	2	2
CO5	2	2	2	2		2	1	2	2	2	2	2	1	2
Target	1.80	2.00	1.60	1.80	-	2.00	2.00	1.80	1.80	1.80	1.80	1.80	1.60	1.80

Subject Name: Internet of Things

Subject Code: B67PE1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	1	2		2	2	2	2	1	1	2	2	2
CO2	2	3	2	1		2	2	2	2	1	1	2	1	1
CO3	1	2	3	1		2	2	2	1	1	1	2	2	2
CO4	2	1	2	1		2	2	2	2	1	1	2	1	1
CO5	2	1	2	2		2	2	2	2	1	1	2	2	1
Target	1.80	1.80	2.00	1.40	-	2.00	2.00	2.00	1.80	1.00	1.00	2.00	1.60	1.40

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Department of Information Technology Batch: 2018-22

Subject Name: **Mobile Computing**

Subject Code: **B67PE2**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	2		2	3	2	2	1	2	2	2	1
CO2	2	1	1	2		2	2	1	2	3	1	1	1	2
CO3	1	2	2	2		1	2	2	2	2	2	1	2	2
CO4	2	1	1	1		1	2	2	1	2	2	2	1	2
CO5	2	2	2	2		2	3	2	2	2	2	2	1	1
Target	1.80	1.60	1.60	1.80	-	1.60	2.40	1.80	1.80	2.00	1.80	1.60	1.40	1.60

Subject Name: **Information Security**

Subject Code: **B67PE3**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	3	2		2	2	2	2	1	1	2	2	2
CO2	2	2	2	3		2	2	2	2	1	1	2	1	1
CO3	2	2	2	2		2	2	1	2	1	1	2	1	2
CO4	2	3	2	2		2	2	2	2	1	1	2	1	1
CO5	2	3	2	2		2	2	2	2	1	1	2	2	1
Target	2.00	2.40	2.20	2.20	-	2.00	2.00	1.80	2.00	1.00	1.00	2.00	1.40	1.40

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Department of Information Technology Batch: 2018-22

Subject Name: **Microprocessor & Microcontroller**

Subject Code:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	2	2	2		2	3	2	2	2	2	2	2	1
CO2	2	2	1	2		2	2	1	2	3	2	1	2	2
CO3	1	1	2	2		1	2	2	2	2	2	1	2	2
CO4	2	1	2	1		1	2	2	2	2	2	2	2	2
CO5	2	2	1	2		2	2	2	2	2	2	2	1	2
Target	1.60	1.60	1.60	1.80	-	1.60	2.20	1.80	2.00	2.20	2.00	1.60	1.80	1.80

Subject Name: **Advanced Communication Skills Lab**

Subject Code: **BE23**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	2	3	1	2	2	2	1	1	2	2	1
CO2	3	3	2	2	3	1	1	2	2	1	1	2	1	1
CO3	3	2	3	2	3	2	2	2	2	1	1	2	1	1
CO4	3	3	1	2	3	2	2	2	2	1	1	2	1	1
CO5	3	3	2	2	2	1	2	2	2	1	1	2	2	1
Target	2.80	2.80	2.00	2.00	2.80	1.40	1.80	2.00	2.00	1.00	1.00	2.00	1.40	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Wireless Sensor Networks

Subject Code: B67PE6

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	2	2		2	2	1	2	1	1	2	2	1
CO2	2	2	2	3		2	2	2	1	1	1	2	1	1
CO3	2	2	2	2		1	2	1	2	1	1	2	1	2
CO4	2	3	2	2		2	2	2	1	1	1	2	1	1
CO5	2	3	3	2		2	2	2	2	1	1	2	2	1
Target	2.00	2.40	2.20	2.20	-	1.80	2.00	1.60	1.60	1.00	1.00	2.00	1.40	1.20

Subject Name: Python Programming

Subject Code: 208FA

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	3	2		2	2	1	2	1	1	2	2	1
CO2	2	2	2	2		2	1	2	2	1	1	2	1	1
CO3	2	1	2	2		1	2	1	2	1	1	2	2	1
CO4	2	2	2	3		2	2	2	2	1	1	2	2	1
CO5	2	3	3	2		2	2	2	2	1	1	2	2	1
Target	2.20	2.00	2.40	2.20	-	1.80	1.80	1.60	2.00	1.00	1.00	2.00	1.80	1.00

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Department of Information Technology Batch: 2018-22

Subject Name: Semantic Web & Social Networks

Subject Code: B68PW4

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2	3	2		2	2	1	2	1	1	2	2	1
CO2	2	3	2	3		2	2	2	2	1	1	2	1	1
CO3	3	2	2	2		1	2	1	1	1	1	2	1	1
CO4	2	2	2	3		2	2	2	2	1	1	2	1	1
CO5	3	3	3	2		2	2	2	2	1	1	2	2	1
Target	2.40	2.40	2.40	2.40	-	1.80	2.00	1.60	1.80	1.00	1.00	2.00	1.40	1.00

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