

	C03	2		2	3	3									1		1	2
	C04		2	1	3	3	1										2	3
	C05	2	2		3	3											1	
	AVG	2.33333	2	2	3	3	1	-	-	-	-	-	-	-	1	1	1.25	2.33333
C214	24	REC402 ELECTROMAGNET FIELD THEORY																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	2	2	3	2												1
	C02	2	3	1	2	3												2
	C03		2	2	1		1											3
	C04	2	2	2	2	1	1										2	2
	C05	2	3	2	1	1											1	3
	AVG	2	2.4	1.8	1.8	1.75	1	-	-	-	-	-	-	-	-	-	1.5	2.2
C215	25	REC403 ELECTRONICS MEASUREMENT AND INSTRUMENT																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	2	2	3	3												1
	C02		2	2	3	3												1
	C03	2	2		3	3												1
	C04				3	3												2
	C05	2	2	2	3	3												1
	AVG	2	2	2.25	3	3	-	-	-	-	-	-	-	-	-	-	-	1.2
C216	26	RCS406 DATA STRUCTURE AND ALGORITHMS																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	2	2	3	3								1	1	1		
	C02		3	2	3	3	1								1	2		
	C03	2	2	1	3	3	1							1	2	1		
	C04	2	3	2	3	3									1	3		
	C05	2	1	3	3	3		1						1	2	2		
	AVG	2	2.2	2	3	3	1	1	-	-	-	-	-	1	1.4	1.8		
C217	27	REC451 MICROPROCESSOR AND MICROCONTROLLER LAB																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	1	1	1	2				2					2			
	C02	2	2	1	1	2				1					2	2		
	C03	1	2	3	2	2				3					2	1		
	C04	1	2	3	3	3				1					1			
	C05	1	2	3	1	2				2					1			
	AVG	1.4	1.8	2.2	1.6	2.2				1.8					1.6	1.5		
C218	28	REC452 ADVANCE ELECTRONICS LAB																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	3	1	2	1	2				1					1	1		
	C02	2	3	2	1	2				2					2			
	C03	1	3	3	1	1				1					1			
	C04	3	1	1	2	1				1					1			
	C05	2	1	2	1	2				2					1			
	AVG	2.2	1.8	2	1.2	1.6				1.4					1.2	1		
C219	29	REC453 MEASUREMENT LAB																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	3	1	1	1	2				2					1			
	C02	1	3	1	2	1				3					1			
	C03	3	1	1	1	2				2					2			
	C04	3	1	1	1	2				1					2			
	C05	3	1	1	1	2				2					2			
	AVG	2.6	1.4	1	1.2	1.8				2					1.6			
C220	30	RCS456 DATA STRUCTURES AND ALGORITHMS LAB																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	3	2	2	2				2					1			
	C02	2	3	1	2	1				1					1			
	C03	2	2	3	2	1				2								2
	C04	3	1	2	2	2				3								2
	C05	3	1	2	2	2				2								2
	AVG	2.4	2	2	2	1.6				2					1			1.75
C301	31	RASS02 INDUSTRIAL SOCIOLOGY																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	3			2													
	C02	2	2	3	1													
	C03		3	2	2													
	C04	2	3	2	1													
	C05		2	2	3	3												
	AVG	2.3	2.5	2.25	1.8	3	-	-	-	-	-	-	-	-	-	-	-	-
C302	32	REC501A INTEGRATED CIRCUIT																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	2	3	3	3					2			1	3	2		
	C02	2	3	2	3	3								1	3	2		
	C03	2	2	3	3	3		2						1	2			
	C04	2		2	3	3				2				1				2
	C05	2			3	3								1				3
	AVG	2	2.33	2.5	3	3	-	2	-	2	2	-	1	2.67	2.25			
C303	33	REC502 PRINCIPAL OF COMMUNICATION																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	2	3	3	3								1	2	2		
	C02	2		3	3	3								2	1	2		
	C03		3	2	3	3									1	2		
	C04	2	2		3	3						1			1	1		
	C05		2	3	3	3		1							1	2		
	AVG	2	2.25	2.75	3	3	-	1	-	-	-	-	1	1.5	1.2	1.8		
C304	34	REC503DIGITAL SIGNAL PROCESSING																
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02			
	C01	2	3		3	3								1	1			
	C02	2			3	3					1			1	2			
	C03	1			3	3								2				
	C04	2	3	2	3	3								1				
	C05	2			3	3								1	1			
	AVG	1.8	3	2.75	3	3	-	-	-	-	1	-	-	1.2	1.33333			

	CO3	1	2	2	3	1							1		2	2
	CO4			2			1				1				1	2
	CO5	1	2	3	1		2				1				1	3
	AVG	1	2.25	2	2.25	1	1.66667	-	-	-	1	1	1	-	1.6	2.2
C317	47	REC653 ANALOG SIGNAL PROCESSING														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	2	2	2	3	1	3							2	2	3
	CO2	2	1	3	2	2								2	2	2
	CO3	2	2	1	2	2									3	3
	CO4	2	2	2	2	3									2	2
	CO5	2	2	3										2	2	2
	AVG	2	1.8	2.2	2.25	2	3						2	2.2	2.4	
C318	48	REC651 MICROWAVE ENGINEERING LAB														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	3	1	1	2	3				3						
	CO2	3	1	1	2	1				2				1		
	CO3	2	3	1	2	1				2				2		
	CO4	2	3	2	2	1				1				1		
	CO5	3	1	1	1	1				2						
	AVG	2.6	1.8	1.2	1.8	1.4				2				1.33333		
C319	49	REC652 COMMUNICATION LAB-II														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	2	3	1	2	3				3						
	CO2	2	2	1	2	1				2				3		
	CO3	1	3	1	2	1				2				2		
	CO4	2	1	2	2	2				1				1		
	CO5	1	2	1	1	1				2						
	AVG	1.6	2.2	1.2	1.8	1.6				2				2		
C320	50	RIC651 MICROCONTROLLER FOR EMBEDDED SYSTEM LAB														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	2	2	2	3	2				1						
	CO2	2	1	3	2	1				2				1		
	CO3	1	2	3	3	1				1				2		
	CO4	1	2	3	3	2				3				2		
	CO5	1	2	3	3	2				1						2
	AVG	1.4	1.8	2.8	2.8	1.6				1.6				1.66667	2	
C321	51	RIC653 CONTROL SYSTEM LAB														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	1	1	1	3	2				3				2		
	CO2	2	3	2	2	1				2						
	CO3	2	1	3	2	1				1					2	
	CO4	2	2	2	3	1				2				2	3	
	CO5	2	3	2	2	1				1				2		
	AVG	1.8	2	2	2.4	1.2				1.8				2	2.5	
C401	52	REC071 INFORMATION THEORY AND CODING														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	3	2	1	2		1						1	2	3	
	CO2	1	2	3	1	3								2	3	
	CO3	1	3	1	2		2							2		
	CO4	1	2	3	1	1								2	2	
	CO5	1	1	2	2	1								3	3	
	AVG	1.4	2	2	1.6	1.66667	1.5			-			1	2.2	2.75	
C402	53	REC075 OPTICAL COMMUNICATION														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	2	3	1	2	1	1						2	3	2	
	CO2	2		3	2							1		3	2	
	CO3	2	3	3	2	2	1	1				2	1	2	2	
	CO4	1	2	2	2			2				1	2	2	1	
	CO5	1	1	2	2	1	2	1					1	2	3	
	AVG	1.6	2.25	2.2	2	1.33	1.33	1.33				1.33	1.5	2.4	2	
C403	54	REC701 DATA COMMUNICATION NETWORK														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	2	3	2		3	3	2		2	2	2	2	2	3	2
	CO2	3	2	2		2	3	2		2	2	2	2	2	2	3
	CO3	3		3		2	3	2		3	3	1	3	2	3	3
	CO4	3	2	3		2	2	3		2	2	2	2	2	2	2
	AVG	2.75	2.33333	2.5		2.25	2.75	2.25		2.25	2.25	1.75	2.25	2.25	2.5	2.5
C404	55	REC702 VLSI DESIGN														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	1	2	3	2								2	2	2	
	CO2	2	2	3	3	2	1	2						3	3	
	CO3	1	3	3	2	2				1			2	2	3	
	CO4	1	2	3	2					2				2	3	
	AVG	1.25	2.25	3	2.25	2	1	2		1.5			2	2.25	2.75	
C405	56	UNDERSTANDING THE HUMAN BEHAVIOUR														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	1					2	1	2	1	1	1	1	2		
	CO2							2	1	3	2	1	1			
	CO3						1			2	1	2	1			
	CO4						2		1	1	2	1	1			
	CO5				1	2		2	3	1		2	1			
	AVG	1			1	2	1.66667	1.66667	1.75	1.6	1.5	1.4	1.2			
C406	57	REC751 OPTICAL COMMUNICATION LAB														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	
	CO1	3	3	2	2	1				3				2		
	CO2	2	2	3	2	1				2				1		
	CO3	3	2	2	3	1				3						
	CO4	2	3	2	3	1				2				1		
	CO5	3	3	1	2	1				1						
	AVG	2.6	2.6	2	2.4	1				2.2				1.33333		
C407	58	REC752 ELECTRONICS CIRCUIT DESIGN LAB														
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02	

	C01	3	3	3	2	1				2				1	
	C02	2	2	3	2	2				1					3
	C03	2	2	3	2	1				1					2
	C04	2	2	3	2	3				2					
	C05	2	2	3	2	3				2				2	
	AVG	2.2	2.2	3	2	2				1.6				1.5	2.5
C408	59	REC754 PROJECT-1													
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
	C01	3	3	2	2				2	3	3		3	3	3
	C02	3	3	3	3	3	2	2	2	3	3	3	3	3	3
	C03	3	3	3	3	3	3	2	2	3	3		3	3	3
	C04	3	3	3	3	3	3	3		3	3	2	3	3	3
	AVG	3	3	2.75	2.75	3	2.5	2.33	2	3	3	2.5	3	3	3
C409	60	REC753 INDUSTRIAL TRAINING AND VIVA VOICE													
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
	C01	3	2	3	3	2	3	3	3	3	3	2	3	3	3
	C02	3	2	3	3	2	3	3	3	3	3	2	3	3	3
	C03	3	2	3	3	2	3	3	3	3	3	2	3	3	3
	C04	3	2	3	3	2	3	3	3	3	3	2	3	3	3
	C05	3	2	3	3	2	3	3	3	3	3	2	3	3	3
	AVG	3	2	3	3	2	3	3	3	3	3	2	3	3	3
C410	61	REC083 SATELLITE AND RADAR SYSTEM													
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
	C01	3	2	2		2	3	3		3	3	1	3	3	3
	C02	1	2	3		3	3	2		2	2	2	2	3	3
	C03	3	3	2		2	2	2		2	2	1	2	2	3
	C04	2	2	2		2	3	2		2	2	2	2	2	2
	C05	1	3	3		2	2	2		2	2	2	2	2	2
	AVG	2	2.4	2.4		2.2	2.6	2.2		2.2	2.2	1.6	2.2	2.4	2.6
C411	62	REC085 WIRELESS AND MOBILE COMMUNICATION													
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
	C01	2		2	1	3	2			1			1	2	3
	C02	2	1	3	2	1	2	1						2	3
	C03	2	1	2	3	2	1	1						2	3
	C04	1	2	2	2	2	1				1		1	2	3
	C05	1	2	1	2	1							1	2	3
	AVG	1.6	1.5	2	2	1.8	1.5	1		1	1	1	1.5	2	3
C412	63	ROE086 RENEWABLE ENERGY RESOURCES													
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
	C01	1	2	2	1	3	1						1	2	3
	C02	2	3	3	2	1								2	2
	C03	2	2	3	3	2	1						1	3	3
	C04	1	2	2	2	1	2						1	2	2
	C05	2	3	2	1	2	1			1	1		1	2	
	AVG	1.6	2.4	2.4	1.8	1.8	1.25			1	1		1	2.2	2.5
C413	64	REC851 GD & SEMINAR													
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
	C01	3	3	3	2	2	2	2	2	3	2		3	3	3
	C02	3	3	3	2				2	3	2		3	3	3
	C03	3	3	3	2	2	2	2	2	3	2		3	3	
	C04	3	3	3	2	3	2	2	2	3	3	2	3	3	
	AVG	3	3	3	2	2.33	2	2	2	3	2.25	2	3	3	3
C414	65	REC852 PROJECT													
	CO-PO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
	C01	3	3	2	2				2	3	3		3	3	3
	C02	3	3	3	3	3	2	2	2	3	3	3	3	3	3
	C03	3	3	3	3	3		2	2	3	3		3	3	3
	C04	3	3	3	3	3	3	3		3	3	2	3	3	3
	C05	3	3	3	3	3	2		3	3	3		3	3	3
	C06	3	3	3	3	3	3		3	3	3	3	3	3	3
	AVG	3	3	2.8	2.8	3	2.3	2.3	2.4	3	3	2.7	3	3	3

