

	C115.3	-	3.0	3.0	-	-	-	-	-	-	-	-	-	2.0	-
	C115.4	-	-	-	2.0	3.0	-	-	-	-	-	-	-	-	1.0
	C115.5	3.0	-	2.0	-	-	-	-	-	-	-	-	-	2.0	-
	C115.6	-	2.0	-	-	2.0	-	-	-	-	-	-	-	-	-
	C115	3.0	2.8	2.3	2.0	2.5	-	-	-	-	-	-	-	2.0	1.5
ENGINEERING DRAWING	C116.1	2.0	2.0	1.0	-	1.0	-	-	1.0	1.0	2.0	-	1.0	2.0	2.0
	C116.2	2.0	2.0	2.0	-	1.0	-	-	2.0	1.0	2.0	-	1.0	2.0	3.0
	C116.3	2.0	2.0	2.0	-	1.0	-	-	2.0	1.0	2.0	-	1.0	2.0	2.0
	C116.4	2.0	2.0	2.0	-	1.0	-	-	2.0	1.0	2.0	-	1.0	2.0	2.0
	C116.5	2.0	2.0	2.0	-	1.0	-	-	2.0	1.0	2.0	-	1.0	3.0	3.0
	C116.6	2.0	2.0	2.0	-	1.0	-	-	2.0	1.0	3.0	-	1.0	3.0	3.0
	C116	2.0	2.0	1.8	-	1.0	-	-	1.8	1.0	2.2	-	1.0	2.3	2.5
ENGLISH - COMMUNICATION SKILLS LAB I	C117.1	-	-	-	-	2.0	-	-	-	2.0	2.0	-	1.0	1.0	2.0
	C117.2	-	-	-	-	2.0	-	-	-	2.0	3.0	-	1.0	1.0	2.0
	C117.3	-	-	-	-	2.0	-	-	-	2.0	2.0	-	1.0	1.0	2.0
	C117.4	-	-	-	-	2.0	-	-	-	-	3.0	-	1.0	1.0	2.0
	C117.5	-	-	-	-	2.0	-	-	-	-	3.0	-	1.0	1.0	2.0
	C117.6	-	-	-	-	2.0	-	-	-	-	3.0	-	2.0	1.0	2.0
	C117	-	-	-	-	2.0	-	-	-	2.0	2.7	-	1.2	1.0	2.0
APPLIED / ENGINEERING PHYSICS LAB	C118.1	3.0	2.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0
	C118.2	2.0	2.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0
	C118.3	2.0	2.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0
	C118.4	3.0	2.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0
	C118.5	3.0	2.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0
	C118.6	3.0	2.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0
	C118	3.0	2.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0
APPLIED / ENGINEERING PHYSICS –VIRTUAL LABS - ASSIGNMENTS	C119.1	3.0	2.0	1.0	-	2.0	-	-	-	-	-	-	-	-	-
	C119.2	3.0	2.0	1.0	-	2.0	-	-	-	-	-	-	-	-	-
	C119.3	3.0	2.0	1.0	-	2.0	-	-	-	-	-	-	-	-	-
	C119.4	3.0	2.0	1.0	-	2.0	-	-	-	-	-	-	-	-	-
	C119.5	3.0	2.0	1.0	-	2.0	-	-	-	-	-	-	-	-	-
	C119.6	3.0	2.0	1.0	-	2.0	-	-	-	-	-	-	-	-	-
	C119	3.0	2.0	1.0	-	2.0	-	-	-	-	-	-	-	-	-
C PROGRAMMING LAB	C1110.1	2.0	3.0	2.0	3.0	2.0	-	-	-	-	-	-	-	2.0	3.0
	C1110.2	3.0	3.0	2.0	3.0	2.0	-	-	-	-	-	-	-	2.0	3.0
	C1110.3	2.0	3.0	2.0	3.0	2.0	-	-	-	-	-	-	-	2.0	3.0
	C1110.4	3.0	3.0	2.0	3.0	2.0	-	-	-	-	-	-	-	2.0	3.0
	C1110	3.0	3.0	2.0	3.0	2.0	-	-	-	-	-	-	-	2.0	3.0
COURSE NAME	PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
ENGLISH-II	C121.1	2.0	-	-	-	-	-	-	-	-	2.0	-	2.0	-	3.0
	C121.2	2.0	-	-	-	-	2.0	-	-	-	2.0	-	2.0	-	3.0
	C121.3	-	-	-	-	-	2.0	-	-	2.0	2.0	-	-	-	3.0
	C121.4	-	-	-	-	-	1.0	-	-	-	2.0	-	-	-	3.0
	C121.5	-	-	-	-	-	2.0	2.0	-	-	2.0	-	-	-	3.0
	C121.6	2.0	-	-	-	2.0	-	-	-	2.0	2.0	-	-	-	3.0
	C121	2.5	-	-	-	3.0	1.8	2.0	-	2.5	2.0	-	2.0	-	3.0

PROGRAMMING LAB	C129.2	-	3.0	-	2.0	-	-	-	-	-	-	-	-	-	2.0	
	C129.3	-	3.0	3.0	-	-	-	-	-	-	-	-	-	-	2.0	-
	C129.4	-	-	-	2.0	3.0	-	-	-	-	-	-	-	-	-	1.0
	C129.5	3.0	-	2.0	-	-	-	-	-	-	-	-	-	-	2.0	-
	C129.6	-	2.0	-	-	2.0	-	-	-	-	-	-	-	-	-	-
	C129	3.0	3.0	2.5	-	3.0	-	-	-	-	-	-	-	-	2.0	-
COURSE NAME	PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
STATISTICS WITH R PROGRAMMING	C211.1	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	1.0	-
	C211.2	3.0	3.0	2.0	-	-	-	-	-	-	-	-	-	-	2.0	-
	C211.3	3.0	3.0	-	-	-	-	-	-	2.0	-	-	-	-	2.0	-
	C211.4	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	1.0	-
	C211.5	3.0	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
	C211.6	3.0	3.0	1.0	-	2.0	-	-	-	-	2.0	-	-	-	-	-
	C211	2.8	3.0	1.7	-	2.0	-	-	-	-	2.0	-	-	-	1.5	-
MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	C212.1	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	C212.2	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	C212.3	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	C212.4	2.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	C212.5	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	C212.6	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	C212	2.7	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-
DIGITAL LOGIC DESIGN	C213.1	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	C213.2	2.0	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
	C213.3	3.0	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-
	C213.4	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C213.5	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
	C213.6	-	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-
	C213	3.0	2.8	2.5	-	-	-	-	-	-	-	-	-	-	-	-
PYTHON PROGRAMMING	C214.1	3.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	3.0
	C214.2	3.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	3.0
	C214.3	3.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	3.0
	C214.4	3.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	3.0
	C214.5	3.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	3.0
	C214.6	3.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	3.0
	C214	3.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	3.0
DS THROUGH C++	C215.1	2.0	3.0	-	-	2.0	-	-	-	-	-	-	2.0	1.0	2.0	
	C215.2	2.0	3.0	1.0	1.0	-	-	-	-	-	-	-	-	-	2.0	1.0
	C215.3	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	-	2.0	2.0
	C215.4	2.0	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	1.0	2.0
	C215.5	2.0	2.0	1.0	3.0	2.0	-	-	-	-	-	-	-	-	1.0	2.0
	C215.6	3.0	1.0	2.0	-	-	-	-	-	-	-	-	-	-	2.0	2.0
	C215	2.2	2.3	1.5	1.2	0.8	-	-	-	-	-	-	-	0.3	1.5	1.8
COMPUTER GRAPHICS	C216.1	3.0	3.0	2.0	-	-	-	-	-	-	-	-	-	-	1.0	1.0
	C216.2	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0
	C216.3	3.0	-	2.0	-	-	-	-	-	-	-	-	-	-	1.0	1.0
	C216.4	3.0	3.0	-	-	2.0	-	-	-	-	-	-	-	-	1.0	1.0

THEORY	C225.4	3.0	2.0	2.0	1.0	-	-	-	-	-	-	-	-	-	-		
	C225.5	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-		
	C225.6	2.0	2.0	2.0	2.0	-	-	-	-	-	-	-	-	-	-		
	C225	2.2	2.2	1.8	1.3	-	-	-	-	-	-	-	-	-	1.0	-	
PRINCIPLES OF PROGRAMMING LANGUAGES	C226.1	3.0	3.0	-	3.0	2.0	-	-	-	-	-	-	-	-	3.0	-	
	C226.2	3.0	3.0	3.0	2.0	-	-	-	-	-	-	-	-	-	3.0	-	
	C226.3	2.0	1.0	3.0	3.0	2.0	-	-	-	-	-	-	-	-	3.0	-	
	C226.4	3.0	-	3.0	-	3.0	-	-	-	-	-	-	-	-	-	3.0	
	C226.5	2.0	3.0	3.0	2.0	-	-	-	-	-	-	-	-	-	-	3.0	
	C226.6	-	-	3.0	-	3.0	-	-	-	-	-	-	-	-	-	3.0	-
	C226	2.6	2.5	3.0	2.5	2.5	-	-	-	-	-	-	-	-	3.0	3.0	
ADVANCED DATA STRUCTURES LAB	C227.1	2.0	3.0	2.0	1.0	-	-	-	-	-	-	-	-	-	2.0	-	
	C227.2	2.0	-	3.0	-	2.0	-	-	-	-	-	-	-	-	-	2.0	
	C227.3	-	2.0	-	-	3.0	-	-	-	-	-	-	-	-	-	-	
	C227.4	3.0	2.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	-	
	C227	2.3	2.3	2.0	1.0	2.5	-	-	-	-	-	-	-	-	2.0	2.0	
JAVA PROGRAMMING LAB	C228.1	2.0	2.0	-	-	-	3.0	-	-	-	-	-	-	-	-	-	
	C228.2	3.0	2.0	-	2.0	-	-	-	-	-	-	-	-	-	2.0	-	
	C228.3	-	-	-	-	3.0	-	-	-	-	-	-	-	2.0	2.0	-	
	C228.4	-	-	-	2.0	2.0	-	-	-	-	-	-	-	-	-	-	
	C228.5	2.0	3.0	2.0	-	-	-	-	-	-	-	-	-	-	-	2.0	
	C228.6	-	-	-	2.0	2.0	-	-	-	-	-	-	-	-	-	2.0	
	C228	2.7	2.3	2.0	2.0	2.3	3.0	-	-	-	-	-	-	2.0	2.0	2.0	
COURSE NAME	PO / CO	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PSO1	PSO2		
COMPILER DESIGN	C311.1	2.0	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-	-		
	C311.2	-	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-	-		
	C311.3	2.0	2.0	3.0	3.0	-	-	-	-	-	-	-	-	-	-		
	C311.4	-	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-	-		
	C311.5	-	2.0	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-		
	C311.6	-	3.0	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-		
	C311	2.0	2.6	3.0	3.0	2.0	-	-	-	-	-	-	-	-	-		
UNIX PROGRAMMING	C312.1	3.0	2.0	2.0	-	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C312.2	2.0	2.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C312.3	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C312.4	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	-	
	C312.5	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C312.6	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C312	2.3	1.3	1.2	-	-	-	-	-	-	-	-	-	-	2.0	2.0	
OOAD USING UML	C313.1	2.0	-	-	2.8	-	-	-	-	-	-	-	-	-	2.5	-	
	C313.2	-	2.5	-	2.8	-	-	-	-	-	-	-	-	-	-	-	
	C313.3	-	-	2.8	-	3.0	-	-	-	-	-	-	-	-	2.5	-	
	C313.4	-	2.5	2.5	-	2.5	-	-	-	-	-	-	-	-	2.5	-	
	C313.5	-	2.8	2.5	-	2.5	-	-	-	-	-	-	-	-	3.0	-	
	C313.6	-	-	2.5	-	2.5	-	-	-	-	-	-	-	-	2.5	2.5	
	C313	2.0	2.6	2.6	2.8	2.6	-	-	-	-	-	-	-	-	2.6	2.5	
DBMS	C314.1	3.0	2.0	2.0	2.0	1.0	-	-	-	-	-	3.0	-	2.0	3.0		

	C314.2	-	-	2.0	-	1.0	-	-	-	-	-	3.0	-	3.0	3.0
	C314.3	1.0	-	3.0	-	2.0	-	-	-	-	-	3.0	-	3.0	3.0
	C314.4	1.0	3.0	3.0	3.0	1.0	-	-	-	-	-	3.0	3.0	3.0	2.0
	C314.5	1.0	-	3.0	-	1.0	-	-	-	-	-	-	2.0	2.0	-
	C314.6	1.0	-	3.0	-	-	-	-	-	-	-	-	-	-	-
	C314	1.4	2.5	2.7	2.5	1.2	-	-	-	-	-	3.0	2.5	2.6	2.8
OPERATING SYSTEMS	C315.1	-	2.0	3.0	-	-	-	-	-	-	2.0	-	-	3.0	3.0
	C315.2	3.0	-	-	-	-	-	-	-	-	-	-	-	-	2.0
	C315.3	2.0	-	3.0	-	-	-	-	-	-	2.0	-	-	2.0	-
	C315.4	2.0	-	-	3.0	-	-	-	-	-	-	-	-	2.0	-
	C315.5	2.0	-	2.0	-	-	-	-	-	-	2.0	-	-	3.0	-
	C315.6	2.0	-	-	-	3.0	-	-	-	-	2.0	-	-	3.0	-
	C315	2.2	2.0	3.0	3.0	3.0	-	-	-	-	2.0	-	-	2.6	2.5
UNIFIED MODELING LAB	C316.1	3.0	3.0	3.0	3.0	3.0	-	-	-	-	-	-	-	3.0	3.0
	C316.2	3.0	-	2.0	-	3.0	-	-	-	-	-	-	-	3.0	3.0
	C316.3	3.0	3.0	3.0	-	3.0	-	-	-	-	-	-	-	3.0	3.0
	C316.4	3.0	-	3.0	3.0	3.0	-	-	-	-	-	-	-	3.0	3.0
	C316	3.0	3.0	3.0	3.0	3.0	-	-	-	-	-	-	-	3.0	3.0
OS & LINUX LAB	C317.1	3.0	1.0	1.0	2.0	-	-	-	-	2.0	-	2.0	-	2.0	2.0
	C317.2	3.0	1.0	1.0	2.0	-	-	-	-	2.0	-	3.0	-	2.0	2.0
	C317.3	3.0	1.0	1.0	2.0	-	-	-	-	2.0	1.0	2.0	3.0	2.0	2.0
	C317.4	2.0	1.0	-	-	-	-	-	-	2.0	-	2.0	-	2.0	2.0
	C317.5	-	-	-	2.0	2.0	-	-	-	-	-	-	-	-	-
	C317	2.8	1.0	1.0	2.0	2.0	-	-	-	2.0	1.0	2.3	3.0	2.0	2.0
DBMS LAB	C318.1	2.0	-	3.0	-	2.0	-	-	-	-	-	-	-	1.0	-
	C318.2	2.0	-	3.0	-	2.0	-	-	-	-	-	-	-	1.0	-
	C318.3	2.0	-	3.0	-	2.0	-	-	-	-	-	-	-	1.0	-
	C318.4	2.0	-	3.0	2.0	2.0	-	-	-	-	-	-	-	1.0	-
	C318.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C318	2.0	-	3.0	2.0	2.0	-	-	-	-	-	-	-	1.0	-
PROFESSIONAL ETHICS & HUMAN VALUES	C319.1	3.0	2.0	2.0	-	2.0	-	2.0	2.0	-	-	-	-	2.0	2.0
	C319.2	2.0	1.0	-	-	-	2.0	2.0	-	3.0	2.0	2.0	-	-	-
	C319.3	3.0	2.0	-	-	-	-	-	3.0	-	-	-	-	-	-
	C319.4	2.0	-	3.0	2.0	-	-	-	-	2.0	-	-	2.0	-	-
	C319.5	-	-	-	-	-	-	2.0	-	3.0	-	3.0	-	-	-
	C319.6	2.0	3.0	-	-	-	-	2.0	3.0	-	-	-	-	-	-
	C319	2.4	2.0	2.5	2.0	2.0	2.0	2.0	3.0	2.7	2.0	2.5	2.0	2.0	2.0
COURSE NAME	PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
COMPUTER NETWORKS	C321.1	3.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	-
	C321.2	1.0	3.0	-	-	-	-	-	-	-	-	-	-	2.0	-
	C321.3	1.0	2.0	1.0	-	-	-	-	-	-	-	-	-	2.0	1.0
	C321.4	2.0	1.0	2.0	-	-	-	-	-	-	-	-	-	2.0	1.0
	C321.5	1.0	2.0	2.0	3.0	2.0	-	-	-	-	-	-	-	2.0	2.0
	C321.6	1.0	2.0	3.0	1.0	-	-	-	-	-	-	-	-	2.0	2.0
	C321	1.5	1.8	2.0	2.0	2.0	-	-	-	-	-	-	-	2.0	1.5
DATA WAREHOUSE	C322.1	3.0	2.0	2.0	2.0	2.0	-	-	-	-	-	-	-	1.0	2.0

COURSE NAME	PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
CRYPTOGRAPHY AND NETWORK SECURITY	C411.1	-	3.0	-	-	2.0	2.0	1.0	-	-	2.0	-	-	-	-	
	C411.2	2.0	1.0	2.0	1.0	-	-	-	2.0	-	-	-	-	2.0	-	
	C411.3	2.0	2.0	2.0	2.0	-	-	-	1.0	-	-	-	-	2.0	-	
	C411.4	2.0	2.0	2.0	1.0	-	-	-	-	-	-	-	-	2.0	-	
	C411.5	2.0	-	3.0	-	1.0	-	2.0	-	-	2.0	-	2.0	-	2.0	
	C411.6	2.0	-	2.0	-	-	-	-	1.0	-	-	3.0	-	2.0	-	2.0
	C411	2.0	2.0	2.2	1.3	1.5	2.0	1.3	1.5	-	-	2.3	-	2.0	2.0	2.0
SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	C412.1	3.0	2.0	2.0	-	-	-	-	-	-	-	-	-	2.5	3.0	
	C412.2	2.0	3.0	2.0	-	3	-	-	-	-	-	-	-	2.0	3.0	
	C412.3	2.0	2.0	3.0	-	2.0	-	-	-	-	-	-	-	3.0	3.0	
	C412.4	2.5	2.0	2.0	-	2.5	-	-	-	-	-	-	-	3.0	3.0	
	C412.5	3.0	2.0	2.0	-	-	-	-	-	-	-	-	-	2.0	3.0	
	C412.6	2.0	2.0	3.0	-	-	-	-	-	-	-	-	-	2.5	3.0	
	C412	2.4	2.2	2.5	-	2.3	-	-	-	-	-	-	-	2.5	3.0	
WEB TECHNOLOGIES	C413.1	1.0	2.0	-	-	3.0	-	-	-	-	-	-	-	1.0	2.0	
	C413.2	2.0	3.0	-	-	-	-	-	-	-	-	-	-	1.0	1.0	
	C413.3	1.0	2.0	-	-	3.0	-	-	-	-	-	-	-	1.0	2.0	
	C413.4	1.0	2.0	-	-	3.0	-	-	-	-	-	-	-	1.0	2.0	
	C413.5	1.0	2.0	-	-	3.0	-	-	-	-	-	-	-	1.0	2.0	
	C413.6	-	2.0	1.0	-	3.0	-	-	-	-	-	-	-	1.0	2.0	
	C413	1.2	2.2	1.0	-	3.0	-	-	-	-	-	-	-	1.0	1.8	
MEFA	C414.1	3.0	1.0	1.0	-	-	-	-	2.0	-	2.0	-	2.0	2.0	-	
	C414.2	2.0	3.0	2.0	3.0	-	-	-	-	-	-	3.0	-	-	1.0	
	C414.3	2.0	2.0	3.0	-	-	1.0	2.0	-	-	3.0	2.0	-	-	-	
	C414.4	2.0	-	2.0	3.0	-	-	-	-	-	-	-	-	-	-	
	C414.5	3.0	3.0	3.0	-	2.0	-	-	-	-	-	3.0	-	-	-	
	C414.6	3.0	3.0	3.0	-	-	-	-	-	2.0	-	3.0	-	-	-	
	C414	2.5	2.4	2.3	3.0	2.0	1.0	2.0	2.0	2.0	2.0	2.5	2.8	2.0	2.0	1.0
BIG DATA ANALYTICS	C415.1	3.0	2.0	2.0	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C415.2	2.0	2.0	1.0	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C415.3	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C415.4	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	2.0	-	
	C415.5	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C415.6	2.0	1.0	1.0	-	-	-	-	-	-	-	-	-	2.0	2.0	
	C415	2.3	1.3	1.2	-	-	-	-	-	-	-	-	-	2.0	2.0	
SOFTWARE PROJECT MANAGEMENT	C416.1	1.0	-	3.0	-	-	-	-	-	-	-	-	-	2.0	-	
	C416.2	1.0	-	2.0	-	3.0	-	-	-	-	-	-	-	2.0	-	
	C416.3	2.0	-	1.0	-	3.0	-	-	-	-	-	-	-	2.0	-	
	C416.4	1.0	-	3.0	-	2.0	-	-	-	-	-	-	-	2.0	-	
	C416.5	1.0	-	3.0	-	2.0	-	-	-	-	-	-	-	2.0	-	
	C416.6	1.0	-	3.0	-	2.0	-	-	-	-	-	-	-	2.0	-	
	C416	1.2	-	2.5	-	2.4	-	-	-	-	-	-	-	2.0	-	
SOFTWARE ARCHITECTURE AND DESIGN	C417.1	3.0	3.0	3.0	3.0	2.0	-	-	-	-	-	-	-	3.0	3.0	
	C417.2	2.0	-	3.0	-	3.0	-	-	-	-	-	-	-	3.0	3.0	
	C417.3	3.0	3.0	3.0	-	2.0	-	-	-	-	-	-	-	2.0	3.0	

PATTERNS LAB	C417.4	3.0	-	3.0	3.0	3.0	-	-	-	-	-	-	-	3.0	3.0
	C417	2.8	3.0	3.0	3.0	2.5	-	-	-	-	-	-	-	2.8	3.0
WEB TECHNOLOGIES LAB	C418.1	3.0	2.0	3.0	1.0	3.0	-	-	-	-	-	-	1.0	1.0	2.0
	C418.2	3.0	2.0	3.0	1.0	3.0	-	-	-	-	-	-	1.0	1.0	2.0
	C418.3	2.0	3.0	2.0	3.0	3.0	-	-	-	-	-	-	1.0	1.0	2.0
	C418.4	2.0	3.0	3.0	2.0	3.0	-	-	-	-	-	-	1.0	1.0	2.0
	C418.5	2.0	1.0	2.0	1.0	3.0	-	-	-	-	-	-	1.0	1.0	2.0
	C418.6	3.0	1.0	3.0	1.0	3.0	-	-	-	-	-	1.0	1.0	1.0	2.0
	C418	2.5	2.0	2.7	1.5	3.0	-	-	-	-	-	1.0	1.0	1.0	2.0
COURSE NAME	PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DISTRIBUTED SYSTEMS	C421.1	3.0	3.0	-	-	-	-	-	-	-	-	-	-	3.0	-
	C421.2	-	3.0	2.5	-	-	-	-	-	-	-	-	2.0	2.5	-
	C421.3	-	-	3.0	-	3.0	-	-	-	-	-	-	-	2.5	-
	C421.4	3.0	3.0	-	-	3.0	-	-	-	-	-	-	3.0	3.0	2.5
	C421.5	-	2.0	3.0	-	3.0	-	-	-	-	-	-	-	2.5	3.0
	C421.6	-	3.0	3.0	-	3.0	-	-	-	-	-	-	-	-	2.5
	C421	3.0	2.8	2.9	-	3.0	-	-	-	-	-	-	2.5	2.7	2.7
MANAGEMENT SCIENCE	C422.1	2.0	2.0	1.0	1.0	1.0	2.0	2.0	-	-	-	2.0	1.0	1.0	-
	C422.2	2.0	3.0	3.0	2.0	3.0	1.0	-	2.0	2.0	2.0	-	-	2.0	1.0
	C422.3	2.0	2.0	-	-	-	2.0	2.0	-	-	-	3.0	1.0	-	-
	C422.4	1.0	1.0	3.0	3.0	-	-	-	-	1.0	-	-	-	-	-
	C422.5	2.0	2.0	-	-	2.0	-	2.0	3.0	-	-	1.0	-	-	-
	C422.6	1.0	1.0	-	1.0	-	-	-	2.0	2.0	-	-	2.0	-	-
	C422	1.8	1.8	2.3	1.8	2.0	1.7	2.0	2.3	1.7	2.0	2.0	1.3	1.5	1.0
MACHINE LEARNING	C423.1	3.0	2.0	2.0	-	-	-	-	1.0	-	-	-	-	-	-
	C423.2	3.0	2.0	2.0	2.0	-	-	-	1.0	-	-	-	-	1.0	-
	C423.3	3.0	2.0	2.0	-	-	-	-	1.0	-	-	-	-	2.0	1.0
	C423.4	3.0	2.0	2.0	-	-	-	-	1.0	-	-	-	-	1.0	1.0
	C423.5	2.0	1.0	1.0	-	-	-	-	1.0	-	-	-	-	1.0	1.0
	C423.6	2.0	2.0	1.0	-	-	-	-	1.0	-	-	-	-	-	1.0
	C423	2.7	1.8	1.7	2.0	-	-	-	1.0	-	-	-	-	1.3	1.0
ARTIFICIAL NEURAL NETWORKS	C424.1	3.0	2.0	2.0	2.0	-	1.0	-	-	-	-	-	-	-	2.0
	C424.2	3.0	3.0	3.0	3.0	-	-	-	-	-	-	-	-	2.0	-
	C424.3	3.0	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-	2.0
	C424.4	3.0	3.0	3.0	2.0	-	-	-	-	-	-	-	-	2.0	-
	C424.5	2.0	2.0	3.0	2.0	2.0	-	-	-	-	-	-	-	-	2.0
	C424.6	1.0	2.0	2.0	2.0	1.0	-	-	-	-	-	-	-	-	-
	C424	2.5	2.5	2.7	2.3	1.5	1.0	-	-	-	-	-	-	2.0	2.0
SEMINAR	C425.1	2.0	2.0	3.0	3.0	-	2.0	-	-	-	-	-	-	2.0	1.0
	C425.2	2.0	-	-	3.0	-	-	-	-	-	-	-	-	-	-
	C425.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C425.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C425.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C425.6	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0
	C425	1.7	1.5	2.0	2.3	1.0	2.5	1.0	1.0	3.0	1.0	1.0	1.0	1.5	1.0

