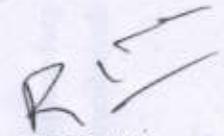# B. Tech – IT POs/PSOs Attainment

POs/ PSOs ATTAINMENT LEVEL 2018-2019

Code	Subject	Program Outcomes (PO's)												Program Specific Outcomes (PSO's)		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
	I B. Tech-I Semester															
MA101BS	Mathematics-I	1.91	1.72	1.91	-	-	-	-	-	-	-	-	0.72			
CH102BS	Engineering Chemistry	1.26	0.7	0.7	-	-	0.7	0.7	-	-	-	-	-			
PH103BS	Engineering Physics - 1	1.17	0.85	0.49	0.85	-	-	-	-	-	-	-	0.49			
EN104HS	Professional Communication In English	1.34	-	-	-	-	1.19	-	1	1.49	1.49	-	1.19			
ME105ES	Engineering Mechanics	2.2	1.42	1.89	0.94	-	-	-	-	2.83	0.95	-	2.85			
EE106ES	Basic Electrical Engineering	1.09	0.82	0.55	-	0.55	-	-	-	-	-	0.55	0.55			
EN107HS	English Communication Skills Lab	1.77	-	-	-	-	1.57	-	1.3	1.97	1.97	-	1.57			
ME108ES	Engineering Workshop	1.62	1.35	1.96	-	-	-	-	-	0.81	0.81	-	-			
	I B. Tech-II Semester															
PH201BS	Engineering Physics - 2	1.45	1.5	-	1.3	-	-	-	-	-	-	-	0.72			
MA202BS	Mathematics - 2	0.94	1.01	0.94	-	-	-	-	-	-	-	-	-			
MA203BS	Mathematics - 3	1.24	1.06	0.98	0.8	-	-	-	-	-	-	-	0.44			
CS204ES	Computer Programming in C	1.81	1.95	2.09	1.81	0.93	-	-	-	-	-	-	-			
ME205ES	Engineering Graphics	2.6	1.77	0.88	0.88					2.21	2.21		1.77			
CH206BS	Engineering Chemistry Lab	1.78	1.78	0.89	0.89	-	-	-	-	0.89	0.89	-	-			
CS208ES	Computer Programming Lab	2.93	2.93	2.93	2.44	1.95	-	-	-	-	0.98	-	2.93			
PH207BS	Engineering Physics Lab	1.96	1.64	2.29	-	-	-	-	-	1.31	0.98	-	-			
	II B. Tech-I Semester															
MA301BS	Mathematics – IV	1.29	0.75	0.85	-	-	-	-	-	-	-	-	0.64	0.97	-	-
CS302ES	Data Structures through C++	0.89	1.11	1.18	0.89	-	0.74	-	-	0.78	-	0.78	0.78	1.33	0.67	0.67
CS303ES	Mathematical Foundations of Computer Science	2.2	2.38	-	-	-	-	-	-	-	-	-	-	1.46	1.1	1.28
CS304ES	Digital Logic Design	1.16	1.62	1.85	0.92	0.92	1.85	-	-	1.85	1.62	0.92	0.92	2.31	2.31	2.31
CS305ES	Object Oriented Programming through Java	1.09	2.81	2.65	1.87	1.87	-	-	-	0.93	0.93	-	1.09	1.4	1.71	1.87

Code	Subject	Program Outcomes (PO's)												Program Specific Outcomes (PSO's)		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS306ES	Data Structures through C++ Lab	1.96	2.61	1.63	1.63	-	-	-	-	0.98	-	-	1.3	1.56	1.56	0.98
CS307ES	IT Workshop	1.95	1.95	2.6	1.3	-	-	-	-	1.95	-	-	1.3	1.95	1.63	1.63
CS308ES	Object Oriented Programming through Java Lab	2.92	2.92	2.27	-	-	-	2.92	-	2.92	0.97	-	1.95	2.92	1.95	0.97
MC300ES	Environmental Science and Technology	1.84	0.92	0.92	-	-	-	-	-	0.92	0.92	-	-	-	-	-
	II B. Tech II Semester															
CS401BS	Computer Organization	0.88	0.51	0.51	0.44	0.51	-	-	-	0.36	-	-	0.51	0.58	0.73	0.73
CS402ES	Database Management Systems	1.99	2.36	2.54	1.81	-	-	-	-	0.91	-	-	1.81	2.35	2.72	2.35
CS403ES	Operating Systems	2.08	1.9	2.08	2.25	1.9	-	-	-	-	2.08	-	1.21	1.21	1.73	1.21
CS404ES	Formal languages and auotmata theory	2.56	2.56	1.92	1.68	0.96	-	-	-	-	0.96	-	1.6	2.56	1.6	1.6
SM405MS	Business Economics And Financial Analysis	2.42	2.42	1.81	1.59	0.91	-	-	-	-	0.91	-	1.51	2.42	1.51	1.51
CS406ES	Computer Organization Lab	2.80	1.87	1.87	-	-	-	-	-	-	-	-	-	2.18	1.71	1.25
CS407ES	Database Management Systems Lab	2.94	2.94	2.94	2.7	2.94	1.96	2.94	2.94	2.94	-	2.45	2.94	1.76	1.76	1.76
CS408ES	Operating Systems Lab	2.44	2.44	2.69	2.2	2.93	-	-	-	-	-	2.44	-	1.47	1.47	0.98
MC400HS	Gender Senesatization	2.94	2.94	2.94	2.7	2.94	1.96	2.94	2.94	2.94	-	2.45	2.94	-	-	-
	III B. Tech I Semester															
A50511	Linux Programming	1.76	1.76	1.56	1.17	-	-	-	1.56	-	-	-	-	1.56	1.56	0.98
A50514	Compiler Design	0.94	0.94	0.94	0.94	-	-	-	1.56	-	-	-	-	1.72	1.87	1.44
A50515	Computer Networks	2.08	1.56	2.08	1.9	1.21	1.39	0.87	0.87	1.21	1.39	0.87	1.04	1.72	1.87	1.44
A50018	Managerial Economics and Financial Analysis	1.76	1.76	1.56	1.17	-	-	-	1.56	-	-	-	-	1.56	1.56	0.98
A50510	Operating System	1.42	1.42	1.42	2.13	1.42	-	-	-	-	2.13	-	0.71	0.71	1.42	0.71
A50518	Software Engineering	2.17	2.35	1.81	1.48	2.72	-	-	-	-	-	-	-	1.63	2.35	
A50589	Operating Systems Lab	2.45	2.45	2.7	2.21	2.94	-	-	-	-	-	2.45	-	1.56	1.56	0.98
A50587	Compiler Design Lab	1.76	1.76	1.56	1.17	-	-	-	1.56	-	-	-	-	1.56	1.56	0.98
	III B. Tech II Semester															
A60512	Web Technologies	1.6	1.38	0.92	1.83	1.83	0.92	0.92	1.15	1.15	1.15	1.15	1.15	1.83	1.83	2.44
A60525	Software Testing Methodologies	2.6	2.13	1.18	2.13	1.66	-	-	-	2.85	-	0.95	1.58	1.42	1.42	0.95
A60522	Data Warehouse and Data Mining	2.5	2.3	2	2	1.66	-	-	-	2.75	-	1	1.58	2	2	2.3
A60521.2	Information Security Management(Special Elective)	2.44	1.83	1.83	2.44	1.52	2.44	1.83	2.14	2.14	1.52	2.44	1.52	1.83	2.75	2.75
A60010	Cloud Computing	1.63	2.45	2.45	1.63	2.45	1.63	1.63	0.82	1.63	2.45	2.45	1.63	1.63	2.45	2.45

Code	Subject	Program Outcomes (PO's)												Program Specific Outcomes (PSO's)		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
A60524	Object Oriented Analysis and Design	1.79	1.79	1.34	1.17	0.67	-	-	-	-	0.67	-	1.12	1.79	1.12	1.12
A60591	Data Mining and Web Technologies Lab	2.17	2.35	1.63	2.45	1.63	-	-	-	-	-	2.45	-	1.56	1.56	0.98
A60086	Advanced Communication Skills Lab	2.45	2.45	2.17	2.35	1.63	-	-	1.75	1.75	2.14	1.94	2.34	2.53	2.14	2.34
	IV B. Tech I Semester															
A70533	Information Retrieval Systems (Elective II)	2.17	2.35	1.81	1.48	2.72	-	-	-	0.9	0.9	-	-	1.63	2.35	
A70530	Design Patterns	1.52	1.52	1.52	-	-	-	-	-	-	-	1.52	-	1.14	1.52	1.52
A70511	Human Computer Interaction	1.63	2.45	2.45	1.63	2.45	1.63	1.63	0.82	1.63	2.45	2.45	1.63	1.63	2.45	2.45
A70520	Mobile Application Development	1.63	2.45	2.45	1.63	2.45	1.63	1.63	0.82	1.63	2.45	2.45	1.63	1.63	2.45	2.45
A70352.1	Big Data Analytics (Elective I)	2.418	2.604	2.418	1.48	1.67	-	-	-	-	1.48	0.93	0.93	2.46	2.23	2.46
A70352.2	Information systems	1.63	2.45	2.45	1.63	2.45	1.63	1.63	0.82	1.63	2.45	2.45	1.63	1.63	2.45	2.45
A70596	CTST Lab	2.17	2.35	1.81	1.48	2.72	-	-	-	0.9	0.9	-	-	1.63	2.35	-
A70595	Mobile Application Development Lab	1.81	1.48	2.72	2.17	2.35	-	-	-	1.63	2.35	-	-	1.63	1.63	-
	IV B. Tech II Semester															
A80543	Mobile Internet Rich Applications	2.34	2.18	1.53	1.34	0.84	-	2.09	1.67	1.67	0.84	0.84	0.39	2.23	1.39	1.39
A80551.1	Predictive Anallytics	2.53	2.07	1.15	2.3	1.61	2.3	1.61	1.84	1.84	2.76	1.61	1.38	0.92	1.84	1.84
A80014	Management Science	2.81	2.81	2.81	-	2.81	-	-	-	-	-	-	-	1.87	1.87	1.87
A80087	Industry Oriented Mini Project	1.63	2.45	2.45	1.63	2.45	1.63	1.63	0.82	1.63	2.45	2.45	1.63	1.63	2.45	2.45
A80089	Seminar	2.40	1.62	0.81	0.81	0.81	1.62	1.62	0.81	1.62	2.43	1.62	0.81	0.81	0.81	0.81
A80088	Project Work	2.38	2.38	2.38	2.29	2.36	1.12	1.09	1.36	2.31	1.77	1.26	1.67	1.69	1.69	1.72
A80090	Comprehensive Viva	2.35	1.64	0.82	0.82	0.82	1.64	1.64	0.82	1.64	2.46	1.64	0.82	-	0.82	0.82
Average		126.3	120.9	108.4	80.7	69.1	29.5	29.3	30.9	61.51	55.79	44.50	58.93	77.57	81.47	66.15
Direct Attainment		1.99	1.99	1.84	1.65	1.85	1.63	1.79	1.43	1.62	1.61	1.76	1.39	1.69	1.77	1.57
In-Direct Attainment		2.91	2.90	2.84	2.97	2.93	2.76	2.84	2.86	2.86	2.80	2.85	2.76	2.76	2.90	2.97

PO Attainment Level	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO Attainment	113.9	109.0	97.81	72.8	62.	26.8	26.5	28.0	55.55	50.4	40.25	53.23
Direct Attainment	126.3	120.9	108.4	80.7	69.1	29.5	29.3	30.9	61.51	55.79	44.5	58.93
Indirect Attainment	2.00	1.92	1.95	1.99	2.00	1.97	2.07	2.00	1.91	1.85	1.99	1.93

PSO Attainment Level	PSO1	PSO2	PSO3
CO Attainment	70	73.51	59.73
Direct Attainment	77.57	81.47	66.15
Indirect Attainment	1.91	1.91	1.97

HOD / IT

B. Tech – IT / CO Attainment / Attainment Year 2018-2019

Code	Subject	CO Attainment
	I B. Tech-I Semester	
MA101BS	Mathematics-I	2.90
CH102BS	Engineering Chemistry	2.85
PH103BS	Engineering Physics - 1	2.90
EN104HS	Professional Communication In English	2.88
ME105ES	Engineering Mechanics	2.90
EE106ES	Basic Electrical Engineering	2.91
EN107HS	English Communication Skills Lab	2.91
ME108ES	Engineering Workshop	2.90
	I B. Tech II Semester	
PH201BS	Engineering Physics - 2	2.8
MA202BS	Mathematics - 2	2.86
MA203BS	Mathematics - 3	2.83
CS204ES	Computer Programming in C	2.88
ME205ES	Engineering Graphics	1.38
CH206BS	Engineering Chemistry Lab	2.1
CS208ES	Computer Programming Lab	2.94
PH207BS	Engineering Physics Lab	2.94
	II B. Tech-I Semester	
MA301BS	Mathematics – IV	2.83
CS302ES	Data Structures through C++	2.86
CS303ES	Mathematical Foundations of Computer Science	2.84
CS304ES	Digital Logic Design	2.13
CS305ES	Object Oriented Programming through Java	2.88
CS306ES	Data Structures through C++ Lab	2.88
CS307ES	IT Workshop	2.8
CS308ES	Object Oriented Programming through Java Lab	2.92
MC300ES	Environmental Science and Technology	2.93

Code	Subject	CO Attainment
	II B. Tech II Semester	
CS401BS	Computer Organization	2.16
CS402ES	Database Management Systems	1.94
CS403ES	Operating Systems	2.94
CS404ES	Formal Languages and Automata Theory	2.88
SM405MS	BUSINESS ECONOMICS AND FINANCIAL ANALYSIS	2.79
CS406ES	Computer Organization Lab	2.97
CS407ES	Database Management Systems Lab	2.09
CS408ES	Operating Systems Lab	2.13
MC400HS	Gender Senesatization	2.88
	III B. Tech I Semester	
A50511	Linux Programming	2.8
A50514	Compiler Design	2.13
A50515	Computer Networks	2.84
A50018	Managerial Economics and Financial Analysis	2.8
A50510	Operating System	2.36
A50518	Software Engineering	2.12
A50589	Operating Systems Lab	2.92
A50587	Compiler Design Lab	2.92
	III B. Tech II Semester	
A60512	Web Technologies	2.85
A60525	Software Testing Methodologies	1.38
A60522	Data Warehouse and Data Mining	2.85
A60521.2	Information Security Management(Special Elective)	2.94
A60010	Cloud Computing	2.07
A60524	Object Oriented Analysis and Design	2.95
A60591	Data Mining and Web Technologies Lab	2.75
A60086	Advanced Communication Skills Lab	2.94
	IV B. Tech I Semester	
A70533	Information Retrieval Systems (Elective II)	2.76

Code	Subject	CO Attainment
A70530	Design Patterns	2.79
A70511	Human Computer Interaction	2.82
A70520	Mobile Application Development	2.94
A70352.1	Big Data Analytics (Elective I)	2.16
A70352.2	Information systems	2.94
A70596	CTST Lab	2.94
A70595	Mobile Application Development Lab	2.16
	IV B. Tech II Semester	
A80543	Mobile Internet Rich Applications	2.12
A80551.1	Predictive Analytics	2.84
A80014	Management Science	2.84
A80087	Industry Oriented Mini Project	2.16
A80089	Seminar	2.91
A80088	Project Work	2.16
A80090	Comprehensive Viva	2.91

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