B. Tech – CSE Pos/PSOs Attainment

POs/ PSOs ATTAINMENT LEVEL 2018-2019

Course	Subject	Program Outcomes												Program Specific Outcomes (PSO's)		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MA101BS	Mathematics-1	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	-	-			
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	-	-			
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
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					
CS401BS	Computer Organization	0.88	0.51	0.51	0.44	0.51				0.36			0.51	0.58	0.73	0.73

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		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
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 automata 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 Sensitization	2.94	2.94	2.94	2.7	2.94	1.96	2.94	2.94	2.94	-	2.45	2.94			
A50511	Principles of Programming Languages	2.22	2.4											1.48	1.11	1.29
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	Human Values and Professional Ethics (Open Elective)	1.93					-1.45	1.45	2.18	1.45	1.93	0.97	1.45	1.45	1.2	1.2
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
A60521.1	Introduction to Analytics(Special Elective)	2.07	1.5	1.31	2.07	1.31	1.69	1.69	1.5	1.69	1.31	1.88	1.31	1.5	2.25	2.25
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	Information Security	2.07	2.26	2.07	2.07	1.69							0	1.88	1.65	1.18
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	Managerial Economics and Financial Analysis	1.97	2.16				1.97	1.97						1.38	1.77	0.98
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	Case Tools and Web Technologies Lab	2.44	1.19	1.43	1.43	1.19							1.67	1.43	1.67	1.67
A60086	Advanced Communication Skills Lab								1.75	1.75	2.14	1.94	2.34	2.53	2.14	2.34
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	Linux Programming	1.8		1.54	1.4	1.68		1.12		1.82	1.68	1.82		1.4	1.4	1.4

Course	Subject	Program Outcomes												Program Specific Outcomes (PSO's)		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
A70519	Cloud Computing	2.26	2.07	2.65		1.69						1.88		2.45	2.07	0.94
A70520	Data Warehousing and Data Mining	2.83	2.83	0.94	2.83	1.13	0.56	0.18	0.37	-	-	1.69	1.13	2.45	2.83	2.45
A70352.1	Big Data Analytics (Elective I)	2.41	2.604	2.418	1.48	1.67					1.48	0.93	0.93	2.46	2.232	2.46
A70352.2	Information Security Assessment & Audits (Elective I)	1.51	1.51	2.27	1.32	1.51							0.94	1.42	1.42	2.13
A70596	Linux Programming Lab	2.22		2.22	1.48	1.98		2.47		2.22	1.98	1.72		2.47	2.71	0.98
A70595	Data Warehousing and Mining Lab	1.98	1.98	1.98	1.98	2.97	2.31	1.32	1.98	2.31	1.32	1.65	1.98	2.57	2.57	0.99
A80543	Database Security (Elective IV)	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 Analytics	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
A80550	Storage Area Networks (Elective IV)		1.18	1.18	0.94	1.06				0.71	0.71		0.94	0.591	0.71	0.591
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		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		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	125.7	115.82	102.82	76.96	65.58	31.01	32.99	30.56	59.90	51.68	42.87	60.24	83.57	84.39	69.18
	Direct Attainment	1.97	1.87	1.71	1.60	1.68	1.55	1.65	1.53	1.66	1.48	1.59	1.31	1.71	1.72	1.47
	Indirect Attainment	2.80	2.70	2.84	2.25	2.25	2.76	2.87	2.86	2.95	2.80	2.85	2.86	2.76	2.88	2.96
	PO Attainment	2.13	2.03	1.94	1.73	1.80	1.79	1.89	1.79	1.92	1.74	1.84	1.62	1.92	1.95	1.77

HOD, CSE

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

Code	Subject	Attainment
	I Year I Semester	
MA101BS	Mathematics-I	1.33
PH103BS	Engineering Physics – 1	2.09
ME105ES	Engineering Mechanics	2.6
EE106ES	Basic Electrical Engineering	2.67
CH102BS	Engineering Chemistry	2.93
EN104HS	Professional Communication In English	2.92
EN107HS	English Language Communication Skills Lab	2.96
ME108ES	Engineering Workshop	2.42
	I Year II Semester	
PH201BS	Engineering Physics-II	2.17
MA202BS	Mathematics-II	1.22
MA203BS	Mathematics-III	2.15
CS204ES	Computer Programming in C	1.46
ME205ES	Engineering Graphics	2.83
CH206BS	Engineering Chemistry Lab	1.64
PH207BS	Engineering Physics Lab	2.10
CS208ES	Computer Programming in C Lab	2.24
	II Year I Semester	
CS302ES	Data Structures through C++	2.88
CS303ES	Mathematical Foundations of Computer Science	2.83
CS304ES	Digital Logic Design	2.80
CS305ES	Object Oriented Programming through Java	2.94
CS306ES	Data Structures through C++ Lab	2.93
CS307ES	IT Workshop	2.94
CS308ES	Object Oriented Programming through Java Lab	2.72
MC300ES	Environmental Science and Technology	2.51

Code	Subject	Attainment
	II Year II Semester	
CS401BS	Computer Organization	2.93
CS402ES	Database Management Systems	2.92
CS403ES	Operating Systems	2.76
CS404ES	Formal languages and automata theory	2.94
SM405MS	BUSINESS ECONOMICS AND FINANCIAL ANALYSIS	1.10
CS406ES	Computer Organization Lab	2.81
CS407ES	Database Management Systems Lab	2.75
CS408ES	Operating Systems Lab	2.77
MC400HS	Gender Sensitization	2.75
	III Year I Semester	
A50511	Principles of Programming Languages	2.43
A50514	Compiler Design	2.38
A50515	Computer Networks	2.51
A50018	Human Computer Interaction	2.46
A50510	Operating Systems	2.51
A50518	Software Engineering	2.76
A50589	Operating Systems Laboratory	2.81
A50587	Compiler Design Laboratory	2.45
	III Year II Semester	
A60521.1	Introduction To Analytics	2.84
A60512	Web Technology	2.96
A60525	Software Testing Methodologies	2.79
A60522	Information Security	2.10
A60521.2	Information Security and Management	2.97
A60010	Managerial Economics and Financial Accounting	2.83
A60524	Object Oriented Analysis and Design	2.81
A60591	Case Tools and Web Technologies Lab	2.85
A60086	Advanced Communication Skills Lab	2.72

Code	Subject	Attainment
A70533	Information Retrieval Systems (Elective II)	2.72
A70530	Design Patterns	2.94
A70511	Linux Programming	2.93
A70519	Cloud Computing	2.92
A70520	Data Warehousing and Data Mining	2.13
A70352.1	Big Data Analytics (Elective I)	2.77
A70352.2	Information Security Assessment & Audits (Elective I)	2.81
A70596	Linux Programming Lab	2.16
A70595	Data Warehousing and Mining Lab	2.90
IV Year II Semester		
A80543	Database Security (Elective IV)	2.02
A80551.1	Predictive Analytics	2.96
A80550	Storage Area Networks (Elective IV)	1.42
A80014	Management Science	2.25
A80087	Industry Oriented Mini Project	2.75
A80089	Seminar	2.85
A80088	Project Work	2.82
A80090	Comprehensive Viva	2.75
A80551.2	Database Security (Elective IV)	2.95
Average		2.56

HOD, CSE

M. Tech – CSE POs/PSOs Attainment

POs/PSOs ATTAINMENT LEVEL 2018-2019

Code	Subject	Program Outcomes (PO's)				Program Specific Outcomes (PSO's)	
		PO1	PO2	PO3	PSO1	PSO2	PSO3
	I M. Tech-I Semester						
PC-1	Advanced Algorithms	2.4	1.8	2.4	1.8	2.8	2.8
PC-2	Computer Networking	2.4	1.8	2.4	1.8	2.2	2.8
PC-3	Software Engineering	3	2	2.8	2.2	3	3
PE-1	Network Security and Cryptography	3	2	2.8	2.2	3	3
PE-2	Software Architecture and Design Patterns	2.4	1.8	2.4	1.8	2.2	2.8
OE-1	Principles of Computer Communication and Networks	2.4	1.6	2.4	1.8	2.8	2.8
Laboratory I	Advanced Algorithms Lab	2.6	2.8	1.86	1.5	2.1	1.85
	I M. Tech-II Semester						
PC-4	Network Programming	2.2	1.6	1.8	1.6	1.4	2.2
PC-5	Distributed Systems and Cloud Computing	2.8	1.8	2.6	1.8	3	2.8
PC-6	Theory of Computation	2.2	1.6	1.8	1.6	1.4	2.2
PE-3	Storage Area Networks	2.6	2	2.2	1.6	3	3
PE-3	Engineering Research Methodology	2.4	1.6	2.4	1.8	2.8	2.8
PE-3	Data Warehousing and Data Mining	2.7	2.3	1.86	1.75	2.25	1.86
PE-4	Big Data Analytics	2.60	1.60	2.60	1.60	3.00	3.00
Laboratory II	Internet Technologies and Services Lab	2.2	2.6	1.75	1.5	2.1	1.85
	Average	2.53	1.93	2.27	1.76	2.43	2.58
	PO Attainment Level						
	CO Attainment	2.48	1.92	2.24	1.79	2.39	2.52
	Direct Attainment	2.53	1.93	2.27	1.76	2.43	2.58
	Indirect Attainment	2.02	1.86	2.01	2.05	2.07	1.96

HOD, CSE

M. Tech – CSE / CO Attainment / Attainment Year 2018-2019

Code	Subject	CO Attainment
	I M. Tech I - Semester	
PC-1	Advanced Algorithms	2.95
PC-2	Computer Networking	2.98
PC-3	Software Engineering	2.95
PE-1	Network Security and Cryptography	2.94
PE-2	Software Architecture and Design Patterns	2.97
OE-1	Principles of Computer Communication and Networks	2.28
Laboratory I	Advanced Algorithms Lab	2.85
	I M. Tech II - Semester	
PC-4	Network Programming	2.79
PC-5	Distributed Systems and Cloud Computing	2.89
PC-6	Theory of Computation	2.79
PE-3	Data Warehousing and Data Mining	2.75
PE-3	Storage Area Networks	2.98
PE-3	Engineering Research Methodology	2.25
PE-4	Big Data Analytics	2.98
Laboratory II	Internet Technologies and Services Lab	2.76

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