



K S INSTITUTE OF TECHNOLOGY

BENGALURU – 560109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF PO & PSO'S FOR ALL COURSES

2018-2022 BATCH

SINO	SUBJECT	SUBJECT CODE	COURSE CODE	PROGRAMME OUTCOMES												PSO					
				PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2				
1	Calculus and Linear Algebra	18MAT11	C101	2.80	2.00	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	
2	Engineering Physics	18PHY12	C102	3.00	2.40	2.20	-	-	-	2.00	2.00	-	-	-	-	-	-	-	-	2.00	2.00
3	Basic Electrical Engineering	18ELE13	C103	1.93	1.28	-	-	-	-	0.50	-	-	-	-	-	-	-	-	-	0.40	0.40
4	Elements of Civil Engineering and Mechanics	18CIV14	C104	0.48	0.44	-	-	-	-	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.32	-	-	0.32	1.00
5	Engineering Graphics	18EGDL15	C105	2.20	2.80	2.00	-	3.00	1.00	1.00	1.00	-	-	-	-	-	-	-	-	1.00	1.00
6	Engineering Physics Laboratory	18PHYL16	C106	3.00	2.50	1.33	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	2.00
7	Basic Electrical Engineering Laboratory	18ELEL17	C107	3.00	2.33	-	-	-	-	-	-	1.00	3.00	2.00	-	-	-	-	-	1.00	1.00
8	Technical English-1	18EGH18	C108	-	-	-	-	-	-	-	-	-	2.00	3.00	3.00	3.00	3.00	-	-	3.00	1.00
9	Advanced Calculus and Numerical Methods	18MAT21	C109	2.80	2.00	1.40	1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	-	1.00
10	Engineering Chemistry	18CHE22	C110	3.00	2.00	1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00
11	C Programming for Problem Solving	18CPS23	C111	2.10	1.40	0.70	0.70	1.40	-	-	-	-	-	-	-	-	-	-	-	1.79	1.40
12	Basic Electronics	18ELN24	C112	0.48	0.33	0.16	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	0.20	0.20
13	Elements of Mechanical Engineering	18EME25	C113	3.00	1.50	-	-	-	2.33	2.00	2.00	-	1.00	1.00	-	-	-	-	-	2.00	1.00
14	Engineering Chemistry Laboratory	18CHEL26	C114	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Computer Programming Laboratory	18CPL27	C115	3.00	2.00	2.00	1.00	3.00	-	-	-	-	-	-	-	-	-	-	-	1.87	3.00
16	Technical English 2	18EGH28	C116	-	-	-	-	-	-	-	-	-	2.00	3.00	3.00	2.00	3.00	-	-	3.00	2.00

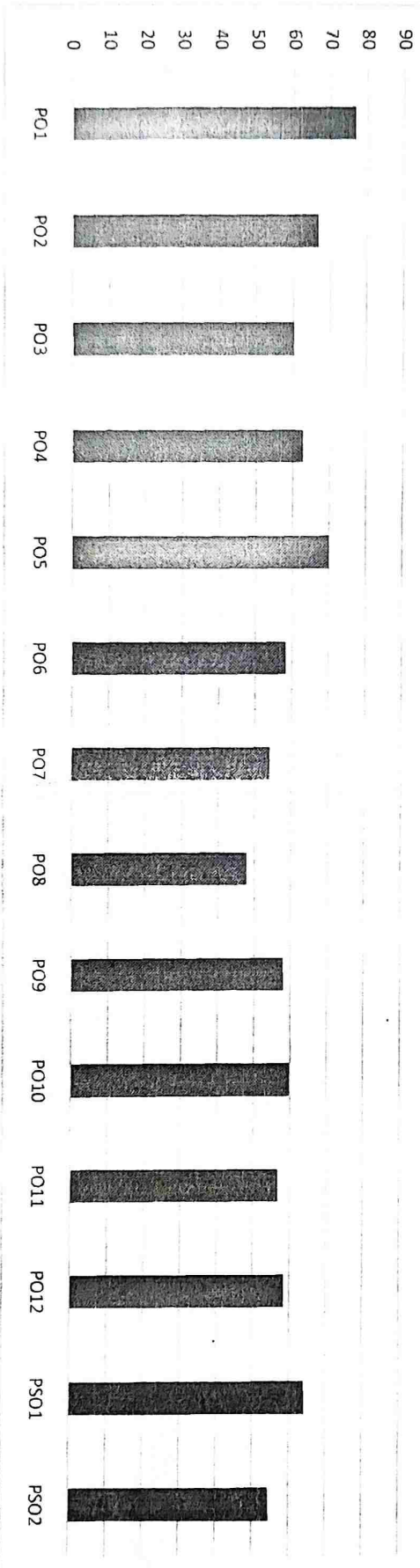
17	Transform Calculus, Fourier Series and Numerical Techniques	18MAT31	C201	0.30	0.30	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	0.10	
17	Data Structures and Applications	18CS32	C202	0.30	0.30	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	0.10	
18	Analog and Digital Electronics	18CS33	C203	3.00	3.00	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	2.00	
19	Computer Organization	18CS34	C204	0.66	0.28	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	0.66	0.22	
20	Software Engineering	18CS35	C205	0.16	0.20	0.15	0.10	0.40	0.20	0.18	0.30	0.10	0.10	-	0.20	-	-	-	-	0.16	0.32	
21	Discrete Mathematical Structures	18CS36	C206	1.04	1.56	0.80	0.95	-	-	-	-	-	-	-	-	-	-	-	-	1.04	0.52	
22	Analog and Digital Electronics Laboratory	18CSL37	C207	3	3	2	-	3	-	-	-	-	-	-	-	-	-	-	-	2	2	
23	Data Structures Laboratory	18CSL38	C208	3.00	2.00	2.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	2.00	2.00	
24	Constitution of India, Professional Ethics and Cyber Law	18CPC39	C209	-	1.50	-	-	-	-	-	-	-	2.40	-	-	-	-	-	-	2.40	2.60	
25	Complex Analysis, Probability and Statistical Methods	18MAT41	C210	0.48	0.34	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	-	
26	Design and Analysis of Algorithms	18CS42	C211	0.48	0.32	0.32	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48	0.16	
27	Operating Systems	18CS43	C212	0.28	0.46	0.44	-	0.20	-	-	-	0.20	-	-	-	-	-	-	-	0.44	0.35	
28	Microcontrollers and Embedded Systems	18CS44	C213	0.48	0.44	0.32	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	0.32	
29	Object Oriented Concepts	18CS45	C214	0.25	0.44	0.40	-	-	-	-	-	0.00	-	-	-	-	-	-	-	0.34	0.36	
30	Data Communication	18CS46	C215	1.78	1.70	1.64	1.65	1.40	-	-	-	-	-	-	1.40	-	-	-	-	1.50	1.43	
31	Design and Analysis of Algorithm Laboratory	18CSL47	C216	3.00	2.00	2.00	-	2.00	-	-	-	-	-	-	-	-	-	-	-	3.00	1.00	
32	Microprocessors Laboratory	18CSL48	C217	3	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	3	2	
33	Vyavaharika Kannada (Kannada for communication)/ Aadaitta Kannada (Kannada for Administration)	18CPC39	C218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
34	Management, Entrepreneurship for IT industry	18CS51	C301	-	-	-	-	-	-	0.76	0.66	0.76	0.52	0.55	0.63	-	-	-	-	-	-	
35	Computer Networks and Security	18CS52	C302	2.28	1.38	0.90	-	-	-	-	-	-	-	-	-	-	-	-	-	1.52	1.52	
36	Database Management	18CS53	C303	2.64	2.64	1.76	1.62	0.88	1.76	-	-	-	1.76	0.88	-	-	-	-	-	1.48	2.64	1.76

37	System Automata theory and Computability	18CSS4	C304	1.74	1.74	1.16	-	-	-	-	-	-	-	-	-	-	-	-	1.74	0.58
38	Application Development using Python	18CSS5	C305	3.00	2.00	2.00	-	2.00	-	-	-	-	-	-	-	-	-	-	2.00	2.00
39	Unix Programming	18CSS6	C306	3.00	1.60	1.60	-	2	-	-	-	2	-	-	-	-	-	-	2.00	2.00
40	Computer Network Laboratory	18CSL57	C307	3.00	2.00	3.00	2.00	0.20	-	-	-	-	-	-	-	-	-	-	1.00	1.00
41	DBMS Laboratory with mini project	18CSL58	C308	2.8	2.8	2.8	-	2.8	-	-	-	3	3	3	3	3	3	2	2.8	2
42	Environmental Studies	18CIV59	C309	-	-	-	-	-	-	2	3	-	-	-	-	-	-	3	-	-
43	System Software and Compilers	18CS61	C310	1.20	0.80	0.80	-	-	-	-	-	-	-	-	-	-	-	-	0.80	0.40
44	Computer Graphics and Visualization	18CS62	C311	1.75	1.4	1.6	-	2.25	-	-	-	-	-	-	-	-	-	-	3	3
45	Web Technology and its applications	18CS63	C312	0.75	0.4	0.42	-	-	-	-	-	0.6	-	-	-	-	-	-	0.66	-0.22
46	System Software Laboratory	18CSL66	C313	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	3	2
47	Computer Graphics Laboratory with mini project	18CSL67	C314	3	3	3	-	3	-	-	-	2.2	2.2	-	-	-	1	3	3	2
48	Mobile Application Development	18CSMP68	C315	3	3	2	-	2	1	-	2	1	1	-	-	-	1	3	2	2
49	Artificial Intelligence and Machine Learning	18CS71	C401	3.00	2.20	2.60	2.40	-	-	-	-	-	-	-	-	-	-	-	2.00	2.00
50	Big Data Analytics	18CS72	C402	3.00	2.00	1.80	-	2.00	-	-	-	2.00	-	-	-	-	2.00	1.80	1.80	1.80
51	Artificial Intelligence and Machine Learning Laboratory	18CSL76	C403	3	3	2.6	2.6	3	-	-	-	-	-	-	-	-	-	1	3	1
52	Project Work Phase - 1	18CSP77	C404	2.55	2.66	2	1	1	2.5	1.6	2	2	2.2	2.33	1	2	2	2	2	2
53	Internet of Things	18CS81	C405	2.42	2.62	2.82	2.42	3.00	1.94	1.74	-	3.00	0.94	1.75	2.22	2.82	2.82	2.82	2.82	2.82
54	Project Work Phase - 2	18CSP83	C406	2.25	2.67	2.00	1.00	1.00	2.50	1.67	2.00	2.00	2.20	2.33	1.00	2.00	2.00	2.00	2.00	2.00
55	Technical Seminar	18CSS84	C407	3.00	3.00	3.00	2.50	2.00	2.00	-	2.00	3.00	3.00	2.00	2.00	2.40	3.00	2.40	3.00	3.00
56	Internship	18CS185	C408	2.80	3.00	-	2.75	-	2.00	2.00	-	-	3.00	-	3.00	2.00	2.00	2.00	2.00	2.00

Direct Attainment [A]	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
2.16	1.79	1.53	1.57	1.87	1.59	1.60	1.47	1.58	1.68	1.66	1.60	1.70	1.37	

Program Exit Survey	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Alumni Survey	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Indirect Attainment [B]	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
$C = A * 0.8$	1.73	1.43	1.23	1.26	1.50	1.27	1.28	1.18	1.26	1.35	1.32	1.28	1.36	1.10				
$D = B * 0.2$	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Total Attainment [C+D]	2.33	2.03	1.83	1.86	2.10	1.87	1.88	1.78	1.86	1.95	1.92	1.88	1.96	1.70				

PO AND PSO ATTAINMENT



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