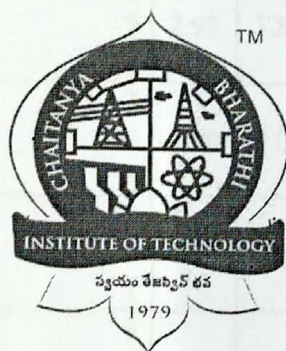


Course Outcomes and Program Outcomes

CO/PO/PSO Attainment of 2020-21 Graduated Batch



DEPARTMENT OF INFORMATION TECHNOLOGY

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

(Affiliated to Osmania University; Accredited by NBA(AICTE) and NAAC(UGC), ISO Certified
9001:2015)

KOKAPET(V), GANDIPET(M), RR District HYDERABAD - 75

Website: www.cbit.ac.in


Head Dept. of IT
CBIT, Hyderabad

Attainment of Course Outcomes:

Subject	Target	CO1	CO2	CO3	CO4	CO5	CO6
I Semester: 2017-2018							
16MT C01	x>=55	3					
	45=<x<55	2	1.70	2.38	2.19	2.22	2.24
	x<45	1					
16PY C01	x>=55	3					
	45=<x<55	2	2.68	2.55	2.58	2.62	2.28
	x<45	1					-
16CY C02	x>=55	3					
	45=<x<55	2	2.78	2.69	2.77	2.75	2.72
	x<45	1					2.55
16EE C01	x>=55	3					
	45=<x<55	2	3.00	3.00	2.00	3.00	3.00
	x<45	1					
16CE C01	x>=55	3					
	45=<x<55	2	2.98	2.82	1.45	2.51	2.96
	x<45	1					-
16EG C01	x>=55	3					
	45=<x<55	2	2.92	1.81	1.82	1.22	2.89
	x<45	1					-
16CE C02	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					-
16ME C02	x>=55	3					
	45=<x<55	2	2.94	2.9	2.88	2.8	2.84
	x<45	1					-
16PY C03	x>=55	3					
	45=<x<55	2	2.94	2.9	2.84	2.94	2.92
	x<45	1					0
16 CY C04	x>=55	3					
	45=<x<55	2	2.55	2.54	2.52	2.47	2.54
	x<45	1					-
16EG C02	x>=55	3					
	45=<x<55	2	3	3	3	3	3
	x<45	1					
II Semester: 2017-2018							
16MT C03	x>=55	3					
	45=<x<55	2	2.71	2.73	2.66	2.67	2.62
	x<45	1					2.65
16CY C01	x>=55	3					
	45=<x<55	2	2.64	2.65	2.61	2.37	2.64
	x<45	1					2.66

Subject	Target	CO1	CO2	CO3	CO4	CO5	CO6
16PY C02	x>=55	3					
	45=<x<55	2	2.65	2.50	2.48	2.62	2.57
	x<45	1					-
16CS C01	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					2.00
16ME C01	x>=55	3					
	45=<x<55	2	2.52	2.16	1.89	1.89	2.07
	x<45	1					1.80
16EC C01	x>=55	3					
	45=<x<55	2	1.62	2.43	1.62	1.04	1.67
	x<45	1					-
16CE C03	x>=55	3					
	45=<x<55	2	2.10	2.15	1.56	1.40	2.13
	x<45	1					-
16CS C02	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					3.00
16ME C03	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					3.00
16PY C04	x>=55	3					
	45=<x<55	2	2.94	2.9	2.84	2.94	2.92
	x<45	1					-
16CY C03	x>=55	3					
	45=<x<55	2	2.53	2.47	2.47	2.37	2.40
	x<45	1					-
III Semester: 2018-2019							
16MT C05	x>=55	3					
	45=<x<55	2	2.42	2.45	2.51	2.31	2.14
	x<45	1					2.33
16IT C01	x>=55	3					
	45=<x<55	2	3.00	3.00	2.00	2.00	2.00
	x<45	1					2.00
16IT C02	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					3.00
16IT C03	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	2.00
	x<45	1					1.00
16IT C04	x>=55	3					
	45=<x<55	2	2.00	2.00	2.00	3.00	3.00
	x<45	1					2.00

Subject	Target	CO1	CO2	CO3	CO4	CO5	CO6
16IT C05	$x \geq 55$	3					
	$45 \leq x < 55$	2	3	3	3	3	3
	$x < 45$	1					
16IT C06	$x \geq 55$	3					
	$45 \leq x < 55$	2	3	3	3	3	3
	$x < 45$	1					
16IT C07	$x \geq 55$	3					
	$45 \leq x < 55$	2	3	3	3	3	3
	$x < 45$	1					
16EG C03	$x \geq 55$	3					
	$45 \leq x < 55$	2	2.92	2.95	2.93	2.94	2.92
	$x < 45$	1					
IV Semester: 2018-2019							
16IT C08	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C09	$x \geq 55$	3					
	$45 \leq x < 55$	2	2.00	3.00	3.00	3.00	2.00
	$x < 45$	1					
16IT C10	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C11	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	2.00	3.00	3.00
	$x < 45$	1					
16IT C12	$x \geq 55$	3					
	$45 \leq x < 55$	2	3	3	3	3	3
	$x < 45$	1					
16MB C01	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C13	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C14	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C15	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
V Semester: 2019-2020							
16IT C16	$x \geq 55$	3					
	$45 \leq x < 55$	2	3	3	3	3	3
	$x < 45$	1					

Subject	Target	CO1	CO2	CO3	CO4	CO5	CO6
16IT C17	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	2.00
	$x < 45$	1					3.00
16IT C18	$x \geq 55$	3					
	$45 \leq x < 55$	2	3	3	3	3	3
	$x < 45$	1					
16IT C19	$x \geq 55$	3					
	$45 \leq x < 55$	2	3	2	3	3	2
	$x < 45$	1					
16IT C20	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	-
	$x < 45$	1					
16IT E01	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT E02	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	2.00
	$x < 45$	1					
16IT E03	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C21	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C22	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C23	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
VI Semester: 2019-2020							
16IT C24	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	2.00
	$x < 45$	1					
16IT C25	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C26	$x \geq 55$	3					
	$45 \leq x < 55$	2	3.00	3.00	3.00	3.00	3.00
	$x < 45$	1					
16IT C27	$x \geq 55$	3					
	$45 \leq x < 55$	2	2.00	2.00	2.00	2.00	2.00
	$x < 45$	1					

Subject	Target	CO1	CO2	CO3	CO4	CO5	CO6
16IT E06	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16IT E07	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	-
	x<45	1					
16IT E08	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	2.00	3.00
	x<45	1					
16IT E09	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16IT C28	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16IT C29	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16IT C30	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
VII Semester: 2020-2021							
16IT C31	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16IT C32	x>=55	3					
	45=<x<55	2	3.00	2.00	3.00	2.00	3.00
	x<45	1					1.00
16IT C33	x>=55	3					
	45=<x<55	2	3	3	3	3	3
	x<45	1					
16IT C34	x>=55	3					
	45=<x<55	2	3	3	3	3	3
	x<45	1					
16IT E10	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16IT E15	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	2.00
	x<45	1					3.00
16IT C35	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					

Subject	Target	CO1	CO2	CO3	CO4	CO5	CO6
16IT C36	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16IT C37	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
VIII Semester: 2020-2021							
16IT E17	x>=55	3					
	45=<x<55	2	3.00	3.00	3.00	3.00	3.00
	x<45	1					
16ME O06	x>=50	3					
	40=<x<45	2	3	3	2.88	1.32	-
	x<40	1					
16EG O02	x>=55	3					
	45=<x<55	2	2.7	2.7	0.54	2.7	0.27
	x<45	1					0
16IT C38	x>=55	3					
	45=<x<55	2	3	3	3	3	-
	x<45	1					
16IT C39	x>=55	3					
	45=<x<55	2	3	3	3	3	3
	x<45	1					

Attainment of Program Outcomes:

Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
I Semester: 2017-2018												
16MT C01	1.80	1.40	1.50	1.40	-	-	-	-	-	-	-	1.40
16PY C01	2.12	2.12	0.71	0.56	0.71	0.71	0.42	-	-	0.71	-	0.71
16CY C02	2.71	1.81	2.11	-	-	1.81	1.81	-	-	-	-	1.81
16EE C01	2.67	2.67	2.00	2.50	-	-	1.00	-	-	-	-	-
16CE C01	0.60	0.40	-	-	-	-	-	-	-	-	-	0.20
16EG C01	-	0.90	1.90	-	-	0.80	-	0.50	0.90	1.10	0.90	0.90
16CE C02	1.00	-	-	-	-	1.40	3.00	1.33	-	-	-	1.00
16ME C02	2.17	1.00	-	-	1.67	-	-	-	1.00	1.83	-	1.50
16PY C03	2.27	2.26	1.94	1.94	0.97	1.46	-	0.97	-	-	-	-
16CY C04	1.68	1.68	-	1.68	-	1.51	1.51	-	-	-	-	-
16EG C02	-	1.00	2.00	-	-	1.00	-	1.00	1.30	1.60	1.00	1.00
II Semester: 2017-2018												
16MT C03	1.80	1.50	1.50	1.60	-	-	-	-	-	-	-	1.40
16CY C01	2.59	1.73	1.87	-	-	1.58	1.73	-	-	-	-	1.73
16PY C02	2.57	2.57	1.24	0.86	0.86	0.86	0.85	0.83	0.85	0.86	0.86	0.86
16CS C01	2.83	2.33	2.50	-	0.94	-	-	-	-	-	-	0.92

Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
16ME C01	1.17	0.92	0.90	0.70	0.70	0.83	0.78	0.65	0.68	0.86	0.87	0.82
16EC C01	1.12	1.39	0.56	-	-	-	-	-	-	-	-	-
16CE C03	-	0.33	0.75	0.67	0.80	-	0.80	2.00	1.00	0.80	0.75	-
16CS C02	2.17	1.00	1.00	1.00	-	-	-	-	-	1.00	-	1.00
16ME C03	2.17	1.50	1.67	1.00	1.83	-	-	1.00	2.00	1.50	~	1.00
16PY C04	2.24	2.23	1.91	1.93	0.97	1.43	-	0.97	-	-	-	-
16CY C03	1.64	1.48	-	1.47	-	1.47	1.47	-	-	-	-	-
III Semester: 2018-2019												
16MT C05	2.83	2.5	2.33	2.5								2.33
16IT C01	2.00	2.83	1.00	1.00	-	-	-	-	-	-	-	2.00
16IT C02	2.00	2.83	1.00	1.00	-	-	-	-	-	-	-	2.00
16IT C03	1.89	-	2.40	2.00	2.00	1.67	-	1.67	-	-	-	-
16IT C04	1.22	0.78	1.33	1.11	0.67	0.67	0.67	0.67	0.67	0.67	1.00	0.78
16IT C05	2	2	1	1	-	-	-	-	-	-	-	1
16IT C06	2.00	1.17	1.00	1.00	-	-	-	-	1.00	-	-	1.00
16IT C07	1.83	1.67	1.25	1.60	1.33	2.00	1.00	2.00	3.00	2.00	1.33	1.67
16EG C03	0.67	0.67	0.67	0.67	0.67	0.78	0.83	2	2.2	1.6	1.33	1.87
IV Semester: 2018-2019												
16IT C08	2.17	2.50	2.00	2.20	1.50	2.00	-	-	-	1.33	1.00	2.00
16IT C09	1.33	0.67	-	-	-	-	-	-	-	0.67	-	-
16IT C10	1.00	1.33	1.50	2.00	3.00	-	-	-	-	-	3.00	2.00
16IT C11	1.67	1.00	1.00	1.00	1.00	2.00	-	-	-	-	-	-
16IT C12	2.83	1.67	1.00	2.50	1.33	-	-	-	-	1.00	2.00	1.17
16MB C01	1.33	2.00	1.60	1.80	1.50	1.00	1.33	1.40	1.00	1.00	1.50	1.00
16IT C13	1.83	1.00	2.00	2.00	2.33	2.67	-	-	1.00	-	-	1.00
16IT C14	1.67	1.67	1.00	1.00	1.00	-	-	-	1.00	1.00	-	1.00
16IT C15	1.83	1.67	1.25	1.60	1.33	2.00	1.00	2.00	3.00	2.00	1.33	1.67
V Semester: 2019-2020												
16IT C16	2.17	2.33	2.40	2.00	2.00	2.50	-	2.00	-	-	-	1.00
16IT C17	1.83	1.33	1.67	1.20	1.00	2.00	1.50	3.00	2.33	1.00	1.00	1.00
16IT C18	3.00	2.00	2.33	3.00	3.00	-	-	-	-	-	-	1.00
16IT C19	1.78	1.78	1.94	0.89	1.78	-	-	0.89	2.67	0.89	1.78	1.78
16IT C20	2.00	1.80	3.00	1.00	2.00	-	-	-	1.00	1.00	2.00	2.00
16IT E01	2.50	2.00	1.00	1.67	2.00	-	-	-	-	1.00	-	1.00
16IT E02	2.00	1.00	2.00	1.83	2.00	2.67	-	-	-	-	1.00	2.00
16IT E03	2.60	1.20	1.00	2.67	-	-	-	-	-	-	-	1.00
16IT C21	2.00	1.50	1.67	1.50	3.00	-	-	-	1.00	1.00	1.00	-
16IT C22	1.50	1.33	1.75	1.50	1.40	2.00	-	1.00	3.00	1.00	1.00	1.00
16IT C23	1.83	1.67	1.25	1.60	1.33	2	1	2	3	2	1.33	1.67
VI Semester: 2019-2020												
16IT C24	2.83	2.67	1.83	2.00	1.00	2.00	1.75	-	-	1.00	2.00	-
16IT C25	2.60	1.80	1.00	2.67	-	-	-	-	-	-	-	1.00
16IT C26	2.83	2.33	1.00	2.50	1.00	-	-	-	1.00	2.17	-	2.17

Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
16IT C27	1.56	1.00	0.67	1.22	1.56	-	-	-	0.67	1.33	-	1.22
16IT E06	2.00	1.17	2.00	1.20	1.00	2.00	1.00	1.33	1.83	1.17	1.40	1.60
16IT E07	3.00	3.00	3.00	3.00	2.20	2.00	-	-	2.50	2.50	2.00	2.25
16IT E08	2.33	1.67	1.00	2	-	-	-	-	-	1	-	1.5
16IT E09	2.00	2.83	1	1								2.00
16IT C28	2.83	3.00	1.00	2.00	2.00	-	-	-	-	1.00	-	2.00
16IT C29	3.00	2.00	1.00	3.00	1.00	-	-	-	-	1.00	-	1.00
16IT C30	1.83	1.67	1.25	1.60	1.33	2.00	1.00	2.00	3.00	2.00	1.33	1.67
VII Semester: 2020-2021												
16IT C31	1.00	1.50	1.25	1.00	1.75	3.00	1.50	1.67	1.00	1.00	1.33	1.33
16IT C32	2.00	1.33	1.00	2.00	1.00	2.00	1.00	-	1.00	1.00	-	1.00
16IT C33	2.00	2.00	2.00	2.17	2.00	2.50	3.00	3.00	1.00	1.00	1.00	2.00
16IT C34	1.00	1.50	1.25	1.00	1.75	3.00	1.50	1.67	1.00	1.00	1.33	1.33
16IT E10	2.00	2.00	3.00	2.00	3.00	2.67	3.00	3.00	3.00	3.00	3.00	-
16IT E15	2.60	1.80	0.83	2.67	-	-	-	-	-	-	-	1.00
16IT C35	1.00	2.00	1.00	2.00	2.00	-	-	-	-	-	-	1.00
16IT C36	2.00	1.33	1.00	2.00	3.00	3.00	-	-	-	-	-	-
16IT C37	2.25	1.67	1.17	2.33	1.0	2.0	-	1.0	3.0	1.50	1.33	2.0
VIII Semester: 2020-2021												
16IT E17	2.67	1.83	1.00	2.67	2.00	-	-	-	-	-	-	1.00
16ME O06	2.13	2.41	2.93	2.34	2.12	2.40	-	-	2.40	2.21	2.66	2.36
16EG O02	-	-	-	-	-	1.17	-	1.19	1.49	0.5	0.5	1.49
16IT C38	3.00	2.20	1.80	1.60	1.60	3.00	3.00	1.00	1.20	2.40	1.60	3.00
16IT C39	2.67	2.00	1.33	2.67	1.00	3.00	1.00	1.00	3.00	1.33	1.20	1.75

Attainment of Program Specific Outcomes:

Subject	PSO1	PSO2	PSO3
I Semester: 2017-2018			
16MT C01	1.80	1.30	1.80
16PY C01	0.71	0.27	0.14
16CY C02	0.90	0.00	-
16EE C01	2.67	2.67	2.00
16CE C01	0.60	-	-
16EG C01	0.60	0.70	-
16CE C02	1.00	-	1.00
16ME C02	1.33	1.83	-
16PY C03	-	-	-
16CY C04	-	-	-
16EG C02	1.00	1.00	-
II Semester: 2017-2018			
16MT C03	1.00	1.00	1.80
16CY C01	0.86	-	2.59

Subject	PSO1	PSO2	PSO3
16PY C02	0.86	0.68	0.35
16CS C01	1.20	1.72	2.50
16ME C01	-	-	0.52
16EC C01	0.57	0.67	-
16CE C03	1.67	0.00	0.80
16CS C02	2.83	3.00	2.00
16ME C03	2.50	1.67	1.00
16PY C04	-	-	-
16CY C03	-	-	-
III Semester: 2018-2019			
16MT C05	1.33	1.33	
16IT C01	3.00	3.00	2.00
16IT C02	3.00	3.00	2.00
16IT C03	2.00	-	1.50
16IT C04	0.67	0.67	0.67
16IT C05	3	3	1
16IT C06	2.83	-	1.33
16IT C07	3.00	3.00	1.20
16EG C03	0.78	1.08	0.67
IV Semester: 2018-2019			
16IT C08	3.00	3.00	2.50
16IT C09	2.00	2.00	-
16IT C10	3.00	3.00	3.00
16IT C11	3.00	3.00	1.00
16IT C12	2.00	2.00	2.00
16MB C01	1.00	-	1.33
16IT C13	3.00	3.00	3.00
16IT C14	3.00	1.00	1.00
16IT C15	3	3	1.20
V Semester: 2019-2020			
16IT C16	2.25	3.00	1.50
16IT C17	2.67	-	2.00
16IT C18	2.00	-	1.00
16IT C19	2.67	-	2.67
16IT C20	3.00	-	2.20
16IT E01	3.00	3.00	2.00
16IT E02	3.00	3.00	3.00
16IT E03	3.00	3.00	2.00
16IT C21	3.00	-	2.00
16IT C22	2.67	3.00	1.50
16IT C23	3.00	3.00	1.20
VI Semester: 2019-2020			
16IT C24	2.83	3.00	2.83

Subject	PSO1	PSO2	PSO3
16IT C25	3.00	3.00	2.00
16IT C26	2.33	3.00	1.00
16IT C27	2.00	2.00	2.00
16IT E06	2	3	2
16IT E07	2.00	3.00	2.00
16IT E08	3	3	2
16IT E09	3	3	2
16IT C28	3	3	3
16IT C29	3.00	3.00	2.00
16IT C30	3.00	3.00	1.20
VII Semester: 2020-2021			
16IT C31	3.00	3.00	1.50
16IT C32	3.00	3.00	1.00
16IT C33	3.00	3.00	3.00
16IT C34	3.00	3.00	1.50
16IT E10	3.00	-	3.00
16IT E15	1.67	-	0.83
16IT C35	3.00	3.00	3.00
16IT C36	3.00	3.00	2.00
16IT C37	2.0	3.0	2.0
VIII Semester: 2020-2021			
16IT E17	2.00	3.00	1.17
16ME O06	2.16	2.30	2.30
16EG O02	0.54	0.9	-
16IT C38	2.00	-	1.00
16IT C39	2.67	3.00	2.00



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COMMITTED TO
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EDUCATION

43
years

Name of the Department: Information Technology

Academic Year: 2020-21 (Batch 2017-21 Passed Out)

UG Program:

Program Outcomes	Target Fixed	Target Achieved	Observation (Attained/Not Attained)	Actions Taken		
				A1	A2	A3
PO1	1.89	2.12	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Bridge course classes are conducted for lateral entry students to teach Engineering concepts that they missed during the program's first year.	Remedial classes are conducted for slow learners, and Students are trained to be strong in Mathematics and Programming fundamentals	Students are mentored to focus on academics right from I Semester to avoid accumulated backwardness
PO2	1.67	1.86	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Students are encouraged to observe society, identify real-life problems and think of possible IT-enabled solutions to these problems.		
PO3	1.34	1.69	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Students are made aware of the standard procedures that need to be considered while implementing the	Students are encouraged to develop solutions to real-life problems during Mini and Major project	Students are encouraged to participate in Hackathons to create functioning software and/or hardware by the end of the event.

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Head Dept. of IT
CBIT, Hyderabad

Program Outcomes	Target Fixed	Target Achieved	Observation(Attained/Not Attained)	Actions Taken		
				A1	A2	A3
				solutions to the taken-up problems	courses complying with Industry standards	
PO4	1.53	1.89	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Students are encouraged to build prototype models during their Mini Projects and Major Projects.	This gives them initial exposure to Software, Hardware implementation, and experimentation, thereby enabling them to provide better solutions during final-year projects and in Hackathons	
PO5	1.38	1.74	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Students are trained to use Open Source Software / Technologies such as Python, R-Tool, Java, TensorFlow, MySQL, Linux-based OS, Hadoop, Pig, and Hive.	Students are encouraged to pursue their Mini and Major projects using the latest tools and technologies	
PO6	1.69	2.02	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Students are encouraged to do more internships to expand their practical knowledge and thereby understand safety, legal and societal issues relevant to the field of IT profession ii. Mandated humanities courses in the curriculum ensure that students are repeatedly reminded of their social responsibilities as IT Engineers		

Program Outcomes	Target Fixed	Target Achieved	Observation(Attained/Not Attained)	Actions Taken		
				A1	A2	A3
PO7	1.33	1.59	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	The curriculum is enriched with relevant courses that enable the students to develop IT-enabled solutions, d to participate.	Students are encouraged to choose real-life problem statements and provide solutions during their mini and major projects, which helps the wellbeing of the society	Parivrita Club of CBIT sensitizes students on environmental issues, and AICTE initiatives on environment and sustainability are communicated to the students, and students are encouraged
PO8	1.37	1.69	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Courses on Human Values, Gender Sensitisation, Intellectual Property Rights, Indian Constitution, and Indian Traditional Knowledge, enable the students to develop holistic personality, shaping them into well groomed individuals.	NSS Unit of CBIT observes Rashtriya Ekta Diwas or National Unity Day and organises various activities annually.	International Yoga day is celebrated, and activities are organised by the Physical Education Department of CBIT and NSS unit of CBIT regularly organises Blood Donation Camps, Medical camps, Medical Awareness Seminars, etc
PO9	1.58	1.90	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Students learn to work and operate as a team during their Mini Projects, Major Projects, Project Seminars, and Assignments.	Students are encouraged to participate as teams in Hackathons, Competitive Coding events	Students coordinate and work as teams in organising various events during cultural and technical fests conducted annually by the Institute/Department
PO10	1.29	1.61	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Curriculum is enriched with Soft Skills and employability courses, Project Seminars, and Technical Seminars, where students listen, observe and demonstrate their presentation skills.	Students presentation of their Mini and Major projects is ensured through evaluation rubrics.	English Proficiency classes are conducted beyond the curriculum to enrich students' listening, speaking, and reading skills.

Program Outcomes	Target Fixed	Target Achieved	Observation(Attained/Not Attained)	Actions Taken		
				A1	A2	A3
PO11	1.34	1.67	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	The curriculum facilitates an understanding of the Principles of project management and finance through the Engineering Economics and Accountancy course.	Students are encouraged to participate in AICTE initiatives on Leadership talks and Students are encouraged to send proposals to funding agencies	College in association with THUB organises start pitching events innovation ideas v. Institute subscribed for T-Hub Institutional Membership towards T-Tribe Launch Pad Program to encourage entrepreneurship ecosystem among CBIT Students. T-Tribe offers one year entrepreneurship program for CBIT Students where they will be connected to Start-ups, Incubators, Funding Agencies for an enriching experience.
PO12	1.34	1.63	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Curriculum is enriched with courses that enable the students to learn independently, such as Technical Seminars, Project Seminars, Mini and Major Projects.	Curriculum facilitates students to earn credits through MOOC Courses and is considered for the award of Honors and Minor Engineering Degrees	
PSO1	2.09	2.31	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Curriculum is enriched to enable students to acquire thorough knowledge of fundamental concepts in Computer Networks, Software Engineering, Data Analytics related Courses.	Students are encouraged to take up projects in the mentioned domains to improve their competency	They are also encouraged to publish papers in National and Internal Journals and present in National and International Conferences.
PSO2	2.40	2.42	Target Attained. No gap is observed for	Students are encouraged to take up	They are also encouraged to	

Program Outcomes	Target Fixed	Target Achieved	Observation(Attained/Not Attained)	Actions Taken		
				A1	A2	A3
			the set target levels. But still there is scope for improvement.	projects in the mentioned domains to improve their competency.	publish papers in National and Internal Journals and present in National and International Conferences	
PSO3	1.49	1.89	Target Attained. No gap is observed for the set target levels. But still there is scope for improvement.	Curriculum is designed with relevant courses that enable the students to gain proficiency to develop IT enabled solutions.	Students are encouraged to choose real life problem statements and provide solutions during their Mini and Major projects which helps for the wellbeing of the society	Students are encouraged to observe the society, identify real life problems and think of possible IT enabled solutions to these problems.

Evidences:

1. Drive Link for CO PO mapping Sheets Semester wise:
2. Complete PO attainment table for 2017 batch (AY: 2020-21) hard copy endorsed by head of the department.



In-Charge



HEAD