

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****CO ATTAINMENT – BATCH(2021-25)****GUIDELINES FOR FIXING UP OF COURSE OUTCOME ATTAINMENT LEVELS**

Batch	Target Attainment Level		
	1	2	3
2021-25	70% of students scoring 50% and above	75% of students scoring 50% and above	80% of students scoring 50% and above
2020-24	65% of students scoring 50% and above	70% of students scoring 50% and above	75% of students scoring 50% and above
2019-23	60% of students scoring 50% and above	65% of students scoring 50% and above	70% of students scoring 50% and above
2018-22	55% of students scoring 50% and above	60% of students scoring 50% and above	65% of students scoring 50% and above

CO ATTAINMENT TARGET**[BATCH 2021-25]**

Performance Level	CO Score Range	Quality
Level 3	2.75 - 3.00	Excellent
Level 2	2.50 - 2.74	Good
Level 1	2.25 - 2.49	Satisfactory
Need Improvement	<2.25	Critical

Table 3.3: CO ATTAINMENT TABLE (2018-22)

S. No	Code	Name of The Subject	CO1	CO2	CO3	CO4	CO5	Average	Performance Level
Third Semester									
1.	C201	Mathematics - III	2.67	2.84	2.94	2.83	2.75	2.80	Level 3
2.	C202	Electronics Devices and Circuits	2.55	2.75	2.54	2.65	2.67	2.63	Level 2
3.	C203	Object Oriented Programming and Design	3.00	3.00	2.84	2.90	2.93	2.93	Level 3
4.	C204	Digital System Design	2.99	2.64	2.76	2.63	2.40	2.68	Level 2
5.	C205	Data Structures	2.99	2.95	2.95	2.90	2.81	2.92	Level 3
6.	C206	Computer Organization and Architecture	2.95	2.87	2.79	2.85	2.87	2.86	Level 3
7.	C207(P)	Electronics Devices and Circuits Lab	2.92	2.92	2.91	-	-	2.92	Level 3
8.	C208(P)	Data Structures Laboratory	2.98	2.51	2.43	-	-	2.64	Level 2
9.	C209(P)	Digital system design Laboratory	2.94	2.95	2.94	-	-	2.94	Level 3
Fourth Semester									
10.	C210	Mathematics -IV	2.90	2.73	2.89	2.58	2.63	2.74	Level 2
11.	C211	Microprocessors and Microcontrollers	2.90	2.80	2.66	2.75	2.71	2.76	Level 3
12.	C212	Automata Languages and Computations	2.93	3.00	2.90	2.90	2.93	2.93	Need Improvement
13.	C213	Design and Analysis of Algorithms	2.88	2.78	2.97	2.86	2.87	2.87	Level 3
14.	C214	Object Oriented Programming	2.99	3.00	2.95	2.90	2.85	2.94	Level 3
15.	C215	Graphics and Image Processing	2.71	2.69	2.50	2.59	2.51	2.60	Level 2
16.	C216(P)	Microprocessor and Microcontrollers Laboratory	2.98	2.97	2.99	-	-	2.98	Level 3

17.	C217(P)	Design and Analysis of Algorithms Lab	3.00	2.71	2.71	-	-	2.81	Level 3
18.	C218(P)	Object Oriented Programming Languages	2.99	2.98	2.99	-	-	2.99	Level 3
Fifth Semester									
19.	C301	Operating Systems	2.97	2.87	2.86	2.95	2.96	2.92	Level 3
20.	C302	Computer Networks	2.88	2.80	2.75	2.80	2.74	2.80	Level 3
21.	C303	Database Management Systems	3.00	2.82	2.63	2.72	2.73	2.78	Level 3
22.	C304	Language Translators	3.00	3.00	2.90	3.00	2.90	2.96	Level 3
23.	C305	Software Engineering	3.00	3.00	2.90	3.00	2.90	2.96	Level 3
24.	C306(P)	Operating Systems Laboratory	2.99	2.97	2.98	-	-	2.98	Level 3
25.	C307(P)	Computer Networks Laboratory	2.98	2.97	2.98	-	-	2.98	Level 3
26.	C308(P)	Database Management Systems Lab	2.99	2.97	2.99	-	-	2.98	Level 3
27.	C309	General Proficiency - I	3	3	3	3	3	3.00	Level 3
Sixth semester									
28.	C310	Enterprises Solution	2.89	2.81	2.57	2.45	2.39	2.77	Level 3
29.	C311	Embedded Systems	2.42	2.97	2.42	2.97	2.95	2.68	Level 2
30.	C312	Web Technology	2.94	2.94	2.94	2.92	2.92	2.87	Level 3
31.	C313	Elective-I – OOAD	2.80	2.80	2.75	2.82	2.77	2.96	Level 3
32.	C314	Elective-II – E-Business	2.79	2.89	2.80	2.79	2.79	2.97	Level 3
33.	C315	Enterprises Solutions Laboratory	2.99	2.99	2.99	-	-	2.99	Level 3
34.	C316(P)	Embedded Systems Laboratory	2.99	2.97	2.98	-	-	2.99	Level 3
35.	C317(P)	Web Technology Laboratory	2.91	2.90	-	-	-	2.90	Level 3
36.	C318(P)	Industrial Visits/Training	3	3	3	3	3	3.00	Level 3
37.	C319(P)	General Proficiency-II	3	3	3	3	3	3.00	Level 3
Seventh Semester									

38.	C401	Artificial Intelligence	3.00	3.00	3.00	2.99	3.00	3.00	Level 3
39.	C402	Computer Hardware and Network Troubleshooting	2.99	2.93	2.77	2.75	2.74	2.83	Level 3
40.	C403	Platform Technology	2.90	3.00	2.96	2.96	2.90	2.93	Level 3
41.	C404	Software Testing and Quality Assurance	2.97	2.98	2.93	2.98	2.92	2.95	Level 3
42.	C405(P)	Artificial Intelligence Laboratory	3.00	3.00	3.00	-	-	3.00	Level 3
43.	C406(P)	Troubleshooting Laboratory	2.99	2.94	2.99	-	-	2.97	Level 3
44.	C407(P)	Platform Technology Laboratory	2.95	2.98	2.96	-	-	2.96	Level 3
45.	C408(P)	Project Work (Phase I)	3	3	3	3	3	3.00	Level 3
Eighth Semester									
46.	C409	Engineering Economics and Management	2.91	2.81	2.80	2.60	2.62	2.61	Level 2
47.	C410	Information Security	2.90	2.80	2.66	2.80	2.66	2.73	Level 3
48.	C411	Elective-V – Mobile Computing	2.96	2.96	2.95	2.93	2.94	2.95	Level 3
49.	C412	Elective-VI - Cloud Computing	2.92	2.98	2.93	2.98	2.83	2.90	Level 3
50.	C413(P)	Professional Ethics Practice	3	3	3	3	3	3.00	Level 3
51.	C414(P)	Seminar	3	3	3	3	3	3.00	Level 3
52.	C415(P)	Comprehensive Viva-Voce	3	3	3	3	3	3.00	Level 3
53.	C416(P)	Project Work (Phase-II)	3	3	3	3	3	3.00	Level 3




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