



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AFCTE, New Delhi and Affiliated to Pondicherry University.

Accredited by NBA & NAAC 'A' Grade
Kalltheerthakuppam, Puducherry - 605107

Accredited by



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CO ATTAINMENT - BATCH(2019-23)

GUIDELINES FOR FIXING UP OF COURSE OUTCOME ATTAINMENT LEVELS

Batch	Target Attainment Level		
	1	2	3
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 2019-23]

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 (2019-23)

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	2.98	2.99	2.92	2.93	2.98	2.96	Level 3
4.	C204	Digital System Design	2.95	2.96	2.94	2.98	2.96	2.96	Level 3
5.	C205	Data Structures	2.95	2.95	2.95	2.95	2.93	2.95	Level 3
6.	C206	Computer Organization and Architecture	2.96	2.99	2.97	2.96	2.99	2.97	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	3.00	3.00	3.00	-	-	3.00	Level 3
9.	C209(P)	Digital system design Laboratory	3.00	3.00	3.00	-	-	3.00	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	2.95	2.94	2.93	2.94	2.98	2.94	Level 3
12.	C212	Automata Languages and Computations	2.18	2.19	2.28	2.24	2.12	2.20	Need Improvement
13.	C213	Design and Analysis of Algorithms	2.88	2.80	2.98	2.83	2.96	2.89	Level 3
14.	C214	Object Oriented Programming	2.94	2.94	2.93	2.94	2.96	2.94	Level 3
15.	C215	Graphics and Image Processing	2.99	2.93	2.97	2.98	2.99	2.97	Level 3
16.	C216(P)	Microprocessor and Microcontrollers Laboratory	2.95	2.96	2.95	-	-	2.95	Level 3
17.	C217(P)	Design and Analysis of Algorithms Lab	2.90	3.00	3.00	-	-	2.97	Level 3
18.	C218(P)	Object Oriented Programming Languages	3.00	3.00	3.00	-	-	3.00	Level 3

Fifth Semester									
19.	C301	Operating Systems	2.95	2.96	2.95	3.00	3.00	2.97	Level 3
20.	C302	Computer Networks	2.98	3.00	2.60	2.60	2.70	2.78	Level 3
21.	C303	Database Management Systems	2.97	2.96	2.96	2.82	2.95	2.93	Level 3
22.	C304	Language Translators	2.94	2.93	2.98	2.95	2.95	2.95	Level 3
23.	C305	Software Engineering	2.80	2.90	2.70	2.80	3.00	2.84	Level 3
24.	C306(P)	Operating Systems Laboratory	2.94	2.96	2.88	-	-	2.93	Level 3
25.	C307(P)	Computer Networks Laboratory	2.95	2.93	2.92	-	-	2.94	Level 3
26.	C308(P)	Database Management Systems Lab	2.93	2.94	3.00	-	-	2.95	Level 3
27.	C309	General Proficiency - I	3	3	3	3	3	3.00	Level 3
Sixth semester									
28.	C310	Enterprises Solution	2.96	2.96	2.96	2.80	2.80	2.90	Level 3
29.	C311	Embedded Systems	2.78	2.80	2.84	2.84	2.90	2.78	Level 3
30.	C312	Web Technology	3.00	2.93	2.91	2.91	2.90	2.87	Level 3
31.	C313	Elective-I - OOAD	2.98	2.97	2.98	3.00	3.00	2.97	Level 3
32.	C314	Elective-II - E-Business	2.92	2.92	2.94	2.93	2.94	2.96	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	2.99	2.99	-	-	2.99	Level 3
35.	C317(P)	Web Technology Laboratory	2.99	2.99	2.99	-	-	2.99	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	2.98	2.99	2.98	2.99	2.92	2.97	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	2.89	2.94	2.89	2.97	2.91	Level 3
41.	C404	Software Testing and Quality Assurance	2.95	2.85	2.90	2.86	2.91	2.89	Level 3
42.	C405(P)	Artificial Intelligence Laboratory	2.90	2.88	2.90	-	-	2.89	Level 3
43.	C406(P)	Troubleshooting Laboratory	2.99	2.94	2.99	-	-	2.97	Level 3
44.	C407(P)	Platform Technology Laboratory	3	3	3	-	-	3.00	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	2.94	2.96	2.93	2.96	2.98	2.95	Level 3
47.	C410	Information Security	2.92	2.93	2.93	2.89	2.95	2.95	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	2.37	2.73	2.75	2.75	2.73	2.95	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