3.2.2: **Record the attainment of Course Outcomes of all courses with respect to set attainment levels**

The attainment levels are set according to the performance of students in the internal assessment and university examinations. Internal assessment is carried at department level by course teacher for different courses. There are different parts of internal assessment. The details of the target levels set for internal assessment and university examinations are given in Table 3.2.1-b

Table 3.2.1-b: Target levels for evaluation of COs

SE TE BE		
Assessment	**Target Levels (Marks in IA)**	
Internal Assessment (40%)	Level 0(0)	<45% students score more than45 % marks in IA
	Level 1 (1)	>45 <=55% students score more than 60 % marks in IA
	Level 2 (2)	>55,<=65% students score more than 60 % marks in IA
	Level 3 (3)	>65% students score more than 60 % marks in IA
Assessment	**Target Levels (Marks in UE)**	
University Assessment (60%)	Level 0(0)	<40 % students score more than 40 % marks in UE
	Level 1 (1)	>40,<=50% students score more than 50 % marks in University Exam
	Level 2 (2)	>50,<=60% students score more than 50 % marks in University Exam
	Level 3 (3)	>60% students score more than 50 % marks in University Exam

A. Attainment of Course Outcomes :

The detailed evaluation of course out comes according to set target levels are summarize for all courses of the program including First year is given in table 3.2.2

Criteria-3: CO-PO Attinment s

Table 3.3.2: Course attainment for all Courses in Program

Sr. No	COURSE Code	Name of Subject	CO1	CO2	CO3	CO4	CO5	CO6	Set Target level	Achieved Level
1	C107001	Engineering Mathematics-I	2.40	2.40	2.40	2.40	2.40	-	2	2.40
2	C107002	Engineering Physics	2.20	2.20	2.16	2.50	2.16	2.50	3	2.29
3	C107009	Engineering Chemistry	2.84	2.84	2.84	2.76	2.84	2.52	3	2.77
4	C102003	Systems in Mechanical Engineering	2.72	2.64	2.80	2.60	2.60	2.60	2	2.66
5	C103004	Basic Electrical Engineering	2.70	2.80	3.00	3.00	3.00	3.00	2	2.92
6	C104010	Basic Electronics Engineering	2.88	2.88	2.50	2.50	2.50	2.50	2	2.63
7	C110005	Programming and Problem Solving	2.00	2.58	2.75	2.41	-	-	2	2.44
8	C101011	Engineering Mechanics	2.56	2.56	2.64	2.64	2.56	2.56	2	2.59
9	C111006	Workshop	3.00	3.00	3.00	3.00	-	-	3	3.00
10	C107008	Engineering Mathematics-II	2.20	2.20	2.20	2.20	2.20	-	2	2.20
11	C102012	Engineering Graphics	2.72	2.64	2.80	2.60	2.84	2.60	3	2.70
12	C110013	Project Based Learning	3.00	3.00	3.00	-	-	-	3	3.00
13	C207005	Engineering Mathematics III	1.50	1.40	1.75	1.40	1.40		2	1.49
14	C204181	Electronic Circuits	2.6	2.6	2.6	2.5	2.6	2.8	3	2.61
15	C204182	Digital Circuits	2.80	2.80	3.00	2.80	2.80	2.80	**2**	2.83

16	C204183	Electrical Circuits	2.6	2.6	2.6	2.6	2.6	2.8	**2**	2.63
17	C204184	Data structures	2.6	2.6	2.6	2.6	2.6	2.6	3	2.6
18	C204191	Signals & Systems	2.8	2.73	2.67	2.67	2.6	2.53	2	2.72
19	C204192	Control Systems	2.77	2.73	2.93	2.77	2.77	2.73	2	2.70
20	C204193	Principles of Communication Systems	2.6	2.6	2.6	2.6	2.6	2.8	2	2.63
21	C204194	Object Oriented Programming	2.6	2.6	2.8	2.6	2.6	2.6	2	2.63
22	C304181	Digital Communication	2.2	2.3	2.2	2.2	2.2		2	2.22
23	C304182	Electromagnetic Field Theory	1.87	1.8	2	1.8	1.8	1.87	3	1.85
24	C304183	Database Management	2	2..2	2.6	2.6	2.6	2.4	**2**	2.44
25	C304184	Microcontrollers	2.67	2.67	2.67	2.67	2.67	2.67	**2**	2.67
26	C304185	Fundamentals of JAVA Programming	2.50	2.70	2.80	2.70	2.50	2.50	2	2.61
27	C304185	Computer Network	1.6	1.8	1.12	1.2	1.32	1	2	1.34
28	C304192	Cellular Networks	2.67	2.73	2.73	2.6	2.6	2.6	2	2.65
29	C304193	Project Management	1.87	1.8	2	1.8	1.8	1.87	2	1.85
30	C304194	Power Devices & Circuits	2.73	2.73	2.73	2.73	2.60	2.6	3	2.68
31	C304195	Advanced Java Programming	2.67	2.67	2.87	2.87	2.67	2.67	3	2.73
32	C304195	Network Security	2.5	2.5	2.4	2.4	2.4	2.4	**2**	2.43
33	C404181	Radiation & Microwave Theory	2.93	2.93	2.93	2.73	2.73	2.67	**2**	2.82

34	C404182	VLSI Design and Technology	2.53	2.53	2.53	2.53	2.53	2.53	2	2.53
35	C404183	Cloud Computing	1.8	1.8	2	1.8	1.8	1.8	2	1.83
36	C404184-ELECTIVE-III	ERTOS	2.6	2.5	2.6	2.4	2.4	2.4	**3**	2.48
37	C404185-ELECTIVE –IV	Electronic Product Development	3.00	3.00	2.60	2.60	2.60	2.60	2	2.73
38	C404190	Fiber Optic Communication	2.8	2.8	2.87	2.8	2.8	2.8	2	2.81
39	C404191 ELECTIVE-V	Mobile Computing	2.8	2.8	2.8	2.8	2.8	2.6	2	2.76
40	C404192 ELECTIVE-VI	Digital Marketing	2.8	2.4	2.8	2	2.8	2.6	2	2.56