



**Progressive Education Society's
Modern College of Engineering,
Shivajinagar, Pune-5**

2.6.2 Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Summary Sheet

2.6 Student Performance and Learning Outcomes				
Cr. No.	Key Aspects	Assessment Indicators	Details	Evidence
2.6.2	Evaluation of Programme outcomes and course outcomes	Assessment by various tools	Process for CO PO attainment	Document reflecting process of CO PO attainment

Process for Course Outcome Attainment:

1. Course Outcome Attainment is computed for all the theory, practical courses, including Seminar, Project Work, Elective Courses and Audit Courses.
2. For theory courses following assessment tools are considered
 - a. Unit test
 - b. MCQ Test
 - c. Assignments/ Problem Solving
 - d. Tutorial
 - e. Programming Skill Test
3. For practical / oral / tutorial courses following assessment tools are considered
 - a. Internal continuous assessment of lab work
 - b. Mock practical / oral (Rubrics to be defined).
 - c. Mock Seminar (Rubrics to be defined)
 - d. Project Work (Rubrics to be defined)

CO attainment levels were divided in two parts:

i.	External Assessment (80% weightage) -	Includes University In-Sem and End-Semester Examination and University Oral/Practical Examination and University Term work
ii.	Internal Assessment (20% weightage) -	Continuous Assessment – Tests/ MCQ/Assignments/ Quiz/ Simulation/ Programming Skill Test/ Problem Solving.

Attainment of Program Outcomes:



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Guidelines to be considered for Setting Program Outcome attainment levels for all POs are as follows:

The attainment levels by direct (student performance) and indirect (surveys) are considered

- Direct attainment level of a PO is determined by taking average across all courses addressing that PO.
- Indirect attainment level of PO is determined based on the student exit surveys, employer surveys, co-curricular activities, extracurricular activities etc.

Dr. Mrs. K. R. Joshi
Principal

Dr. Mrs. R. S. Kamathe
Coordinator, QA Cell





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- 1) **Attainment:**
Academic Year:2020-21, SEM-I
Course: VLSI (Theory)
Class: BE, E&TC

	AVG	CO1	CO2	CO3	CO4
Total Number of students scored greater than 50% marks	137	140	140	140	140
Percentage of students	97.86	100	100	100	100
Attainment LEVEL	3	3	3	3	3
University and Internal attainment	2.4	0.6	0.6	0.6	0.6
Average of University and Internal attainment	2.4	0.6			
CO ATTAINMENT	3				

GFM
Mrs. M. S. Kanitkar

Mrs.S.G.Watve
GFM SE A



- 2) **Attainment:**
Academic Year:2020-21, SEM-II
Course: Project Phase-II
Class: BE, E&TC

	AVG	CO1	CO2	CO3	CO4	CO5
Total Number of students scored greater than 50% marks	142	142	142	142	99	134
Percentage of students	100	100	100	100	69.71	94.4
Attainment LEVEL	3	3	3	3	3	3
University and Internal attainment	2.4	0.6	0.6	0.6	0.6	0.6
Average of University and Internal attainment	2.4	0.6				
CO ATTAINMENT	3					

Dr.Mrs.A.P.Laturkar
Mrs. M.S.Kanitkar



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