



Bansilal Ramnath Agarwal Charitable Trust's

VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE – 37

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Academic Year 2021-22 – Semester II

Assessment Details – Final year B.Tech.

I. 2 Credit Final year B.Tech. Courses

Sr. No.	Type of Assessment	Conduction	Marks
1	MCQ Exam – Section I	Mid Semester	30 Marks converted to 30 equivalent Marks
2	Home Assignment	End of Semester	100 Marks converted to 10 equivalent Marks
3	MCQ Exam – Section II	End of Semester	30 Marks converted to 30 equivalent Marks
4	Comprehensive Viva Voce	End of Semester	100 Marks converted to 30 equivalent Marks

II. Major Project & Semester Internship

Sr. No.	Type of Assessment	Conduction	Marks
1	Project / Internship activity Presentation	Mid Semester	50 Marks converted to 30 equivalent Marks
2	Project/ Internship activity Presentation & Demonstration	End Semester	100 Marks converted to 70 equivalent Marks



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Assessment Rubrics

I. Final Year B.Tech. Major Project

1. Mid Semester Assessment – 50 Marks to be converted to 30 Marks.
2. End Semester Assessment – 100 Marks to be converted to 70 Marks.

Format for Mid Semester Assessment

Sr. No.	Parameter	Marks
1	Problem Statement	10
2	Literature Review	10
3	Group formation and identification of individual responsibility	10
4	Objective of Project activity	10
5	Knowledge of domain, latest technology and modern tools used /to be used	10
	TOTAL	50

Format for End Semester Assessment

Sr. No.	Parameter	Marks
1	Realization of project as per problem statement	10
2	Design, Testing / Experimentation, Analysis / Validation	30
3	Documentation and Report Writing	20
4	Quality of Work	15
5	Performance in Question & Answers Session	15
6	Regular interaction with guide	10
	TOTAL	100



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II. Final Year Semester Internship

1. Mid Semester Assessment – 50 Marks to be converted to 30 Marks.
2. End Semester Assessment – 100 Marks to be converted to 70 Marks.

Format for Mid Semester Assessment

Sr. No.	Parameter	Marks
1	Problem Statement	10
2	Literature Review	10
3	Clarity about the objectives of Internship activity	10
4	Requirement Analysis, Internship Planning	10
5	Knowledge of domain, Latest technology and modern tools used /to be used	10
	TOTAL	50

Format for End Semester Assessment

Sr. No.	Parameter	Marks
1	Realization of Internship as per problem statement	10
2	Design, Testing / Experimentation, Analysis / Validation	30
3	Documentation and Report Writing	20
4	Quality of Work	15
5	Performance in Question & Answers Session	15
6	Regular interaction with guide	10
	TOTAL	100

Note: For the End Semester Assessment, it is expected that the Internship company guide is also involved. The Department is required to set up communication with the Internship company guide regarding the End Semester Assessment, requesting their availability, in the interest of fair and rigorous assessment. No remuneration is to be paid to Internal company guide. They are expected to be involved along with Examiner/s in the finalization of Marks. The participation from the Internship company guide is voluntary. If the company guide opts not to join the assessment activity, it may then be done by the appointed examiner/s only.



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III. Home Assignment

1. End Semester Assessment – 100 Marks to be converted to 15 Marks.

Format for End Semester Assessment

Home Assignment Type: Design

Sr. No.	Parameter	Marks
1	Design Statement: Novelty, Originality and concreteness	15
2	Understanding of Design	30
3	Engineering approach towards design	25
4	Communication and presentation skills	10
5	Design report, writeup, conclusion of Assignment	20
	TOTAL	100

Home Assignment Type: Survey

Sr. No.	Parameter	Marks
1	Comprehensiveness of the survey	15
2	Understanding of survey topic	20
3	Significance and relevance of survey findings	25
4	Communication and presentation skills	10
5	References, Bibliography, literature survey	10
6	Survey report, writeup, conclusion of Assignment	20
	TOTAL	100

Home Assignment Type: Blog

Sr. No.	Parameter	Marks
1	Comprehensiveness and overall coverage of the blog	20
2	Understanding of the blog topic	20
3	Ease of understanding of the blog for the reader	25
4	Aesthetic elements of blog and Originality of blog content	25
5	References, Bibliography, literature survey	10
	TOTAL	100

Home Assignment Type: Case Study

Sr. No.	Parameter	Marks
1	Clarity in definition of case study problem statement	10
2	Understanding of Case handled, tools and technology used	30
3	Approach of analysis of case	25
4	Significance and relevance of findings	25
5	References, Bibliography, literature survey	10
	TOTAL	100



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IV. Comprehensive Viva Voce

1. End Semester Assessment – 100 Marks to be converted to 20 Marks.

Guidelines for assessment:

- The CVV enables a dialectic communication between the examiner/s and the student, providing invaluable experience for career interviews in future.
- The Comprehensive Viva Voce is a summative assessment. It is based on verbal interaction between Examiner/s and the students, covering the entire course contents.
- The student may be encouraged to explain the applicable concepts, ideas, views with the help of pen and paper/ Whiteboard screen/ Paint etc. if required.
- A balanced set of questions invoking diverse abilities such as analysis, synthesis, application, comparison, correlation, summary, classification, explanation, illustration, description etc. be set up, while covering entire course contents.
- Sufficient time is to be given for every student during the Viva Voce, to demonstrate the requisite abilities before arriving at the summative assessment score.

Prof. (Dr.) Ashutosh Marathe
Dean - Academics