

Gujarat Technological University

Evaluation Scheme for Design Engineering – 1B (2140002) (4th Sem-Remedial Students)

BE II – All branches

PROPER CONDUCT of ALL THE PRACTICAL/ VIVA EXAMINATIONS

<http://www.gtu.ac.in/circulars/14May/05052014.pdf>

To

The Principals/ Directors of Colleges/ Institutes and the Heads of Departments:

At the ensuing fourth semester examinations, the work of the students in Design Engineering IB is to be evaluated and the evaluation is to be out of 80 marks.

PROCESS OF EVALUATION: A Viva-Voce examination will be conducted at the end of the semester by a team of two examiners, one of whom will be an internal Faculty Member, who may have taught the subject. The other will be an external examiner to be appointed by the University.

(Please note that all the other practical and viva voce examinations at the end of the 4th semester will be conducted internally by the College/ Institute.)

EVALUATION SCHEME:

Sr. No.	Particular	Sub-Head Weightage
1.	Evaluation of Idea ✓ Observation (AEIOU Frame work) ✓ Prior art search (Two Papers study and summary reports)	20
2.	Understanding/ Refinement of canvases after Observation– Empathy mapping, ideation, product development	20
3.	Pre-Design ✓ Learning Need Matrix (LNM)	10
4.	Proof of Concept ✓ Dirty Mock-ups/ Fast-prototype/ Schematic plan	20
5.	Compilation of work (report), Future action plan, Question and Answer, Communication Skill	10

Note:

- ✓ Total Marks for the subject: 80
- ✓ Minimum passing marks: 40/80

- ✓ Ratio of evaluation by internal/external examiner appointed: 50% in each sub-head
- ✓ For preparation of their report, students shall follow the format provided by GTU. However, depending on the case, the content may be modified as the case may be.
- ✓ Students need to explain all canvases prepared in hard copy to the panel of examiners (internal and external).
- ✓ Power point presentation is not mandatory but desirable.

Appendix:

Students deserve a proper practical/ viva/ project examination of the work that they have done over the semester (or over the final year for a 2-semester project.)

It is the responsibility of the University that all its examinations are conducted fairly, sincerely and with due diligence.

So please look into the following:

1. Please make proper arrangements so that all the examinations start in-time. If due to any reason, the exam should not start at the right time, please inform the examiners that they should take extra time. But in no case the viva/ practical exam be conducted in a hurry without giving sufficient time for evaluation of every student. If an exam is scheduled to be held over two days, please make the necessary arrangements.
2. The University expects the Deans (and or special teams headed by the Dean or his/ her nominee) to visit the Colleges during the practical/ viva examinations.
3. Please see that all the necessary help and information is provided. Please receive them so that they can do their job properly without wasting their time in searching for the place and in contacting the concerned examiners and students. If they should want to visit the laboratories/ workshops, please make the necessary arrangements.
4. Please inform the external examiner that he/ she must note down the best 3 Reports of the department and convey the details of such projects by uploading the details of the project or/ and the complete project report on the University's server.
5. In case Internet or the server should not work, please provide the technical help to the external examiner for preparing a CD of the reports of the best three projects of every department and please make arrangements to deliver the CD to the examination department of the University.

References: For AY 2014-15

- Please refer the guideline at following link for more details:

http://gtu.ac.in/circulars/15Apr/04042015_Guideline.pdf

http://gtu.ac.in/circulars/15Apr/04042015_AEIOU.pdf

- The format of the Report is attached here:

http://gtu.ac.in/circulars/15May/13052015_14.pdf