

B Tech Project

Department of Civil Engineering
IIT Kanpur

Questionnaire

Dear Students:

It is time to evaluate the current practice of organization of BTP and to find means to make the BTP more meaningful and satisfying experience for both students and faculty members.

The following questionnaire aims at knowing your views for working toward the aforesaid objective. Please express your candid views. You are not disclosing your identity in this and we also do not wish to know it.

After completion please submit this in a box kept in CE office and sign on the paper pasted on top of the box (*Do not sign anywhere in this questionnaire*). We insist that all students should fill this--this is why we need your signature as a record.

Either print a copy of this or collect a hardcopy from CE office on or before 5 PM 12 March 2007. You must return this to CE office on or before 2 PM on 13 March 2007.

Regards,

Bharat

Questionnaire

Current format of BTP

1. Are you happy with the BTP topic you are working on? Yes or No.
2. Which category you will put your topic in:
 - a. Research oriented: where you work in an open problem seeking some yet-unknown answers
 - b. Design oriented: where you use what you have learnt in your courses to design a Civil Engineering related system/structure
3. How many hours you actually put in BTP work each week in **first** semester?
4. How many hours you actually put in BTP work each week in **second** semester?
5. On an average how many meetings you had with your supervisor in one month during **first** semester?
6. On an average how many meetings you had with your supervisor in one month during **second** semester?

7. What would be the most important motivating factor for you to work hard for your BTP? *(can have multiple answers)*
- a. Topic
 - b. Support and motivation from supervisor
 - c. To earn good grade
 - d. To seek good recommendation from supervisor in future
 - e. If other, please mention.....
8. What is the most discouraging factor for you, which would keep you away from working hard for your BTP? *(can have multiple answers)*
- a. Topic not interesting
 - b. Less involvement of supervisor
 - c. Lack of proper background to cope up with the demands of topic (more/extra reading, programming etc.)
 - d. Time constraint in view of
 - i. Other courses
 - ii. Involvement in job seeking activity (CAT, SPO, GRE...)
 - iii. Involvement with other activities (internet addiction, Gymkhana activity ...)
 - e. If other, please mention.....
9. Are you happy with your current progress in BTP? Yes/ No
10. If No, what is the most important reason you would like to cite for this.
11. Are you happy with the report writing format and submission system at present?
Yes / No.

12. What extra can be done to improve report writing? Two points.

13. Are you happy with the mode of conduct of BTP examination? Yes/No

14. If No, what is the reason? (can have multiple answers)

- a. Too long duration for presentation
- b. Too short duration for presentation
- c. Too many questions from examination committee
- d. Too few questions from examination committee
- e. Questions by examination committee in the middle of presentation
- f. If other, please mention.....

15. Are you happy with your performance in BTP examination? Yes/No

16. If No, what could be the reason:

- a. I was not prepared well.
- b. I know, but cannot communicate well.
- c. I get scared facing examination committee.
- d. If other, please mention.....

17. What extra can be done to improve the examination process? Write two points.

Possible changes in BTP format

BTP organization could be of two types:

A: Research oriented:

A small team (1-2 students) is working with one supervisor in a research oriented topic (where your job is to investigate or help in an ongoing research by contributing some aspect (by means of a programme, solving some equations, carrying out an experiment etc.) Most of the projects at present fall in this category.

B: Design oriented:

A large team (6-10 students) works with a faculty group (3-5 faculty members) on some multidisciplinary real life Civil Engineering problem (e.g. planning, surveying, design of a fly over at IIT Gate. A few projects only at present will fall in this category.

Both the schemes have their advantages and disadvantages.

1. Which scheme you would prefer to work on? A / B

2. What are the positive points of the scheme of your choice? Maximum three points.

3. What are the negative points of the scheme of not your choice? Maximum three points.