

**Feedback of Faculty Members of the Department of Civil Engineering
On
Interim Report of the Academic Review Committee**

- 1. A Minor – an area of sub-specialization – will consist of 27-36 credits. What Minors could your department offer? Please specify the ideal structure of the minor (courses and their order). What interdisciplinary minors could you offer in association with other departments? What would be their structure?**

Principally the department agreed with the idea of a minor - an area of sub-specialization. However, it was suggested that instead of intra departmental faculty members, the faculty members from different departments should come forward and offer the minors. Few major thrust areas have been identified to be offered as minors such as Mechanics, Climate Science, Atmospheric Science and Earthquake Engineering. The structure can be formulated later after discussions with faculty members of other departments.

- 2. What would be the structure of 2nd B-Tech/B.S. degree (Major) in your department for students from other departments? Specifically, what should be the minimum number of credits for award of the 2nd degree? What should be the course / credit mix (choice of electives and core courses) for 2nd degree?**

The department agreed to this point also provided one must declare at the end of 3rd year that he/she wants to go for a major. In that case, the graduating criteria should be exactly in line with that required by the department in which he/she wants to pursue his/her major. The credit requirement was proposed to be 25-30% extra over the normal requirement.

- 3. Do you think there should be an option for a B.Tech (Honours) degree? If so, what should be the criteria for giving this special honours degree?**

The department expressed that there is a need to reward the better students in the class by evolving some mechanism, particularly with the large number of students in the class at present. The mechanism could be B.Tech (Honours) or something else but in no case it must be coupled with CPI.

- 4. Should there be an exit option for students who consistently underperform during the core programme at IIT Kanpur? If so, what form should this exit option take?**

It was decided that there is no need to discuss upon the matter related to the exit option at this stage.

- 5. In the proposed curriculum, a student may take a maximum of 35 credits (three full semester courses) and a minimum of 10 credits (one full-semester course) under the ESO category. Which ESO courses would you make compulsory for your department?**

It was suggested to continue with the existing ESO courses without any

further change.

6. In what ways can your department integrate communication skills as necessary evaluative criteria in some of your department courses?

It was pointed out that a lot of avenues are already available to improve the communication skills and therefore, there is no need to open any new channel. However, there was a suggestion where the students can take the initiative to structure a communication course and take the whole responsibility to run the same in which any faculty member should only monitor.

7. Should we switch from the pattern of two midterm and one end-term exam to one midterm and one end-term exam for all courses?

The department agreed to the pattern of one midterm and one end-term examination for all courses. However, it was suggested to keep the system flexible to decide the exam pattern for case to case basis.