

## Office of the Dean Academics

### Minutes of the third meeting of Undergraduate Curriculum Implementation Committee

December 11, 2012

The third meeting of the Undergraduate Curriculum Implementation Committee (UCIC) was held in the Senate room at 1000 hrs on November 23, 2012. The following members were present:

(Italics indicate inability to attend).

Prof. Anurag Sharma, Prof. Santanu Chaudhury, *Prof. S. R. Kale*, *Prof. Sanjeev Sanghi*, *Dr. Atul Narang*, Dr. Shantanu Roy, Dr. N. D. Kurur, Prof. B. Bhattacharjee, Prof. Anshul Kumar, Prof. S. D. Joshi, Prof. Ambuj Sagar, Dr. Seema Sharma, *Dr. S. Dharamraja*, Prof. T.R. Sreekrishnan, Prof. R. Chattopadhyay, *Prof. D. Ravi Kumar*, Prof. Joby Joseph, Dr. D. Sundar, Dr. A. S. Rathore, Dr. G.S. Benipal, *Dr. Subodh Kumar*, *Prof. G. S. Visweswaran*, Dr. N. Chatterjee, Prof. Sangeeta Kohli, Prof. P. Srivastava, Prof. Manjeet Jassal, *Prof. James Gomes*, Prof. M.R. Ravi.

The meeting started with a welcome to all members.

1. Suggestions had been received on the minutes of the meeting held on November 8, that the discussions need to be minuted in more detail. It was decided to circulate the minutes with the modifications and confirm them in the next meeting.
2. **Tutorials in the new curricular framework:** This issue was discussed in great length. Senate approved concept paper suggests tutorials only for I and II year courses of undergraduate courses. Different options were explored:
  - (a) *Status quo*;
  - (b) As suggested by Dept of Physics: a 3-0-0 course could be conducted with 36 lectures and 6 problem solving sessions in the lecture class itself;
  - (c) 3-1-0 could be replaced by 4-0-0, such that 14 tutorials could be held with entire class in one place rather than in small groups;
  - (d) Make the sessions 3-1-0 to ensure that not all 56 sessions are conducted as lectures, but conduct them as in item (c) above;
  - (e) Leave the flexibility to the teacher on how many problem solving sessions to conduct, subject to the course template, which should be made public

After detailed deliberations, the following was recommended:

- i. **Tutorials would be conducted only in 100 and 200 level courses.**
- ii. **Departments could choose the 3-0-0 format (typically 36 lectures+ 6 problem solving sessions, with some flexibility to the course coordinator) or 3-1-0 format (exactly 42 lectures + 14 problem solving sessions) depending on the number of credits and problem solving sessions desirable for a course. This should be specified in the course template, which should be available in a public document, and should also be announced by the course coordinator at the beginning of the course.**
- iii. **Tutorials would however be held in parallel sessions with different groups in different rooms simultaneously, or with all groups in the same room, as decided by the Department while offering the course. These sessions could be conducted by one faculty member with the help of Teaching Assistants and/or other faculty members.**

3. **Non-Graded Credits:** It was observed that the effective implementation of the non-graded credits is critical to the success of the new curricular framework approved by the senate. It is absolutely essential to look closely at all the elements of the non-graded credit components identified in the concept paper. For this purpose, it was decided to constitute subcommittees that would take a closer look at these components. The components identified by the concept paper (along with number of credits) are:
- (a) Introduction to Engineering and Program (2)
  - (b) Language and Writing Skills (2)
  - (c) NSS/NCC/NSO (2)
  - (d) Professional Ethics and Social Responsibility (2)
  - (e) Communication Skills / Seminar (2)
  - (f) Design / Practical Experience (5)

It was decided to group items (c) and (d) together owing to similar logistics envisaged in these activities, and constitute one committee to look into the implementation of these components. A second committee would look into the items (a) and (f). Dean (Academics) was authorized to constitute these committees and notify them.

The meeting ended with thanks to all the members.

Comments on the above minutes should be sent to the undersigned within one week of circulation of these minutes.

M.R. Ravi  
Associate Dean Academic (Curriculum)  
and Convener, UCIC.