

Office of the Dean Academics

Minutes of the fifteenth meeting of Undergraduate Curriculum Implementation Committee

November 19, 2013

The fifteenth meeting of the Undergraduate Curriculum Implementation Committee (UCIC) was held in the Senate Room at 1200 hrs on October 30, 2013. 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, Prof. 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*, *Prof. A. S. Rathore*, Dr. B.R. Chahar, 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.

Prof. P. Senthilkumaran also attended the meeting on behalf of members from Physics Department.

The meeting started with a welcome to all members.

1. **Confirmation of minutes of meeting 14 dated October 14, 2013:** The minutes were circulated only a day before the meeting, so confirmation of the minutes would be taken up in the next meeting.
2. **CS course for first year students without and with CS background at school:** Computer Science Department had sent a different template for discussion, for the first year computer science course for students with computer science background. The committee discussed this matter in detail. The members from CSE insisted that mixing the students with computer science background from school with those without background in a course of this nature seriously hampers the smooth conduct of the course. Arguments against this included that no other IIT has a second CS course, and a common course is taught to all first year students. The committee requested members from CS Department to circulate statistics in support of their argument, and deferred the decision on this matter to the next meeting.
3. **Rationalization of Department change and starting strengths of various UG programmes:** The table of proposed starting strengths from the minutes of UCIC meeting no.13 (reproduced below) was discussed. All members agreed to the proposal. It was also suggested that additional criterion of a minimum of B or B- grade could be optionally specified by the Departments in one of the first year courses relevant to the programme into which the student is interested in applying for a change, as a qualifying criteria to apply. The committee agreed to the suggestion and recommended that the details be circulated to Departments for their opinion.

Department Code	Current Strength (B.Tech + Dual)	Rationalized starting strength	Projected max-min strength after dept change (+/-15%)
BB	0+48	60	51-69
CH	71+52	(75+45) 120	(64+38) 102-138 (86+52)
CE	109+0	105	89-121
CS	(63+32) 95	(60+30) 90	(51+25) 76-104 (69+35)
EE	(EE1:89+EE2:32) 121	(75+45) 120	(64+38) 102-138 (86+52)
MA	0+48	60	51-69
ME	(103+48)151+0	(90+45) 135	(77+38) 115-155 (104+51)
PH	63+0	60	52-69
TT	93+0	105	89-121
Total	851	855	855

4. **Any other item:** The matter of material science courses was discussed again in detail. It emerged

that all proposed material science courses should be in the PL category and not in core as per the senate approved concept paper. It was decided that the Departments would look into the matter and resolve on the course to be used as Material Science course and decide. It was also resolved that no sub-committee needs to be constituted to discuss this matter.

The meeting ended with thanks to the chair.

Comments, if any, may kindly be sent to the undersigned by 25.11.2013.

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