

Office of the Dean Academics

Extract from Minutes of Meetings of Undergraduate Curriculum Implementation Committee for Approval of the Senate in its meeting on April 3, 2013

March 28, 2013

The following are the extracts from the minutes of the various meetings of the Undergraduate Curriculum Implementation Committee for approval of the Senate in its meeting on April 3, 2013:

1. **Tutorials in the New Curricular Framework:** The following recommendations were made by the UCIC pertaining to tutorial classes in the new curricular framework, sent for feedback to Departments, and re-discussed to account for these feedbacks. These are presented to the Senate for discussion and necessary approval.
 - a) Tutorials would be conducted only in 100 and 200 level courses. In exceptional cases where the Departments feel that the nature of a course demands the use of tutorials, they may include tutorials in 300 level courses with due justification.
 - b) 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.
 - c) 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.
The current way of conducting tutorials for different groups of students at different times in cycles (and not parallelly in one time slot) could also be continued as an option. Provision should be made for this purpose, while deciding on the timetable for the new curricular framework.
 - d) Provision should be made for training Teaching Assistants for tutorial and laboratory classes. It was strongly recommended that the UG TA scheme should be strengthened, since it was found quite successful by most members.
2. **Scheduling of Institute Core Courses:** A detailed discussion was held in the UCIC on the scheduling of institute core courses. After taking into account details of contact hours and expected working hours for the students outside classroom for the courses, the following schedule was recommended as given in Table – 1. It was recommended that all the Departmental core credits should be completed by 7th semester of B.Tech thus permitting a semester-long industry internship that may need a continuous stay in an industry.

Table-1: Recommended Scheduling of Institute Core Courses

Semester	Lecture Course-1	Lecture Course-2	Lecture Course-3	Lecture Course-4	Other	Other	Other
I semester	Maths-1/2 (3-1-0)	EE / CS (3-0-2)	PH / CY (3-0-4)	Mechanics (3-1-0) / Graphics (0-0-4)	Intro. to Engg/ Prog (0-0-2)		None/ Language (0-0-4)
II semester	Maths-2/1 (3-1-0)	CS / EE (3-0-2)	CY / PH (3-0-4)	Graphics (0-0-4) / Mechanics (3-1-0)	Intro to Engg/ Prog (0-0-2)	Prod Real. (0-0-4) / None	Language / None (0-0-4)
III semester	PL BS	PL EA/ES	PL BS EA_ES	Biology (3-0-2)/ Env (2-0-0)	Dept / open course	Prod Real. (0-0-4) / None	
IV semester	Dept open course	Dept open course	Dept open course	Env (2-0-0)/ Biology (3-0-2)	Dept / open course		