

OFFICE OF DEAN ACADEMICS

No.IITD/ADAC - 97

Date: 08/02/2013

Subject: Undergraduate Curriculum Implementation □ matters for discussions in Departments.

The Undergraduate Curriculum Implementation Committee has had six meetings and several issues have been discussed and recommendations have been arrived at. These issues are listed below. The Faculty Boards are requested to debate on these recommendations and send their views to the Office of Dean Academics latest by 22nd February, 2013 so that the matter can be placed before the Senate in its meeting in early March 2013.

1. Matter regarding tutorials in the new curricular frame-work:

- 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 as part of 3-1-0 course, 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.

2. Schedule of Institute core courses:

Keeping in view the spirit of the concept paper approved by the Senate the number of contact hours in the 1st semester has been kept to a minimum while scheduling Institute core courses. This results in some of the Institute core courses spilling over to the 3rd semester and 4th semester. The schedule can be summarized as given in the table below:

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

Glossary: PL BS EA/ES: Programme-linked Basic Science / Engg. Arts/Science; Prod. Real: Product Realization; EE, CS, PH, CY: 1st year core EE, CS, PH and CY courses; DC: Department Core

3. Templates of Institute core courses

Templates have been received for the Institute core courses from the various Departments offering these courses and have been discussed in the Curriculum Implementation Committee. These have been placed on the website

<http://web.iitd.ac.in/~ravimr/curriculum/ucic/templates/index.html>

Feedback from Departments on these courses is requested.

4. Course Contents of Programme Linked Basic Science and EA/ES Courses

The tentative Course Contents/Templates of Programme Linked Basic Science and EA/ES Courses have been received from Departments and are also placed in the above mentioned link. Departments are requested to give feedback on these contents. Departments offering Undergraduate Programmes are also requested to specify which of these courses will be required as Programme Linked Core for their Programmes.

5. Non-graded credits

Two sub-committees were formed to discuss the non-graded components of the new curriculum. One committee looked at Professional Ethics, Social Responsibility and NSS/NCC/NSO, while another looked at Introduction to Engineering and Department and Design. The recommendations of the former Committee have been discussed in UCIC while the latter will be discussed in the next meeting. The recommendations of the former Committee are placed in the link:

<http://web.iitd.ac.in/~ravimr/curriculum/ucic/subcommittees/index.html>

The recommendations of the latter Committee are also expected to be posted on this link in about a week.

The above websites are updated as and when relevant information is being received from Departments. While most Departments have already given the necessary inputs, inputs from some Departments are still due and will be updated subsequently. In order to facilitate timely completion of the Curriculum Review and Approval process, it is important that we received feedback intime. It would be of great help if a softcopy of the feedback is also sent to deanacad@admin.iitd.ac.in .

(Anurag Sharma)

All Heads of Departments/Centres