

Office of the Dean Academics

Minutes of the seventeenth meeting of Undergraduate Curriculum Implementation Committee

March 13, 2014

The seventeenth meeting of the Undergraduate Curriculum Implementation Committee (UCIC) was held in the Senate Room at 1700 hrs on March 13, 2014. 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. K. Sreenadh*, 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, Prof. A. Tripathi, 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. **Confirmation of minutes of meeting 16 dated December 2, 2013 and the special meeting dated January 18, 2014:** The minutes of meeting 16 were confirmed as circulated. In the minutes of the special meeting, the following change was suggested: The sentence: *The course structure, schedule and templates of all Department courses were reviewed in detail* was modified to *The course structure, schedule and templates of all Department courses except those of Mechanical Engineering were reviewed in detail*. With this modification, the minutes of this meeting were also confirmed.
2. **Course codes of the new curriculum:** It was explained to the committee that in order to be able to use the entire range of course codes without restriction, and to be able to re-use course numbers without clashes with existing courses, it was becoming necessary that the two-letter Department code forming the first two letters of course codes needs to be modified. This would help in identifying the new courses easily from the ones of the previous curriculum, and avoid the confusions and system clashes owing to the re-use of the same course codes as used in the previous curriculum. The table below contains the proposed codes alongside the existing ones, as discussed in the meeting. It was in principle agreed, and decided to circulate it to the Departments for suggestions before taking up for implementation.

OLD codes	NEW codes	OLD codes	NEW codes	OLD codes	NEW codes
AM	AP	PH/EP	PY	AS	AT
BE	BB	TT	TX	BM	BM
CS	CO	HU	HS	ES	EN
CH	CL	SM	MG	IT	TM
CE	CV	MA	MT	RD	RD
CY	CM	CR	CA	ID	DS
ME	MC	SI	SI	PT	PS
EE	EL	VE	VE	Jx	Ix
		SB	SB	(interdisciplinary)	

3. **Course Structure and Scheduling of Mechanical Engineering B.Tech Programmes:** The structure and course scheduling sent by Mechanical Engineering Department were discussed. The following suggestions were made:
 - a) total number of credits could be modified to a whole number if possible.
 - b) Core courses on biology and environmental sciences should be scheduled earlier in the programme.
 - c) Some courses in the core of the programmes appear to be more specialized in nature, and the Department should reconsider their core status: e.g., CAD and Finite Element Methods (could be removed from core of both programmes); CAM and Automation (could be removed from core of ME1); Micro and Nanoscale Manufacturing (could be removed from core of ME2). If the CAD and FEM is a core course, students desirous of specializing in these areas would find it difficult to take full courses on CAD or FEM, since the core course would be overlapping with these courses.

As a matter arising out of the discussions, it was decided to ask Dean Academics to request Head ME and Head AM to meet within the next one week to discuss the issue of pooling of faculty resources to teach courses where both departments have expertise.

Comments, if any, may kindly be sent to the undersigned by 18.3.14.

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