

Office of the Dean Academics

Revised Minutes of the Fifth meeting of Undergraduate Curriculum Implementation Committee

February 7, 2013

The fifth meeting of the Undergraduate Curriculum Implementation Committee (UCIC) was held in the Senate room at 1500 hrs on January 29, 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*, *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*, Prof. 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.

- Minutes of the previous meeting dated January 15, 2013 were discussed. A couple of corrections were suggested by Prof. Santanu Chaudhury. Many members felt that the total contact hours of 31 in I semester was too high, and against the very spirit of the CRC decision to lower the number of credits of the undergraduate programmes. The matter was re-opened and discussed. After detailed deliberations, it was decided that the following table be circulated to Departments:

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 BS EA_ES	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		

- Members from various Departments were requested to update the committee with inputs related to the Basic Science and Engineering Arts/Science courses offered / required by their respective Departments. The following is the summary of this discussion:

Civil Engineering: Separate Solid Mechanics and Fluid Mechanics courses under EA/ES required.

Mathematics: Need Signals&Systems; Digital Electronics and Lab; Data Structures; Computer Architecture. Will offer Numerical Methods; Probability and Stochastic Processes; Linear Algebra; Optimization and Applications; Differential Equations; Statistics.

Physics: Need Signals&Systems, 1 EE and 1 ME course

Textile: Need Statistics; Solid& Fluid Mechanics (one course); Polymer Chemistry; Material Science.

Electrical: Need Probability&Stochastic Proc; Electrical Properties of Materials; Data Structures; Thermodynamics. Will offer Electromechanics; Signals and Systems; Digital Electronics.

Computer Science: Need Digital Electronics; Signals & Systems; Probability and Stochastic Proc.

- The convener of the subcommittee appointed to recommend implementation strategy for non-graded credits under Professional Ethics and Social Responsibility, Prof. Sangeeta Kohli, presented the recommendations of the subcommittee. The document containing the recommendations is in annexure I. The committee deliberated the recommendations and accepted them. It was appreciated that a substantial effort is required to put in place the mechanism recommended, and administrative

support for the activity is essential to carry out the implementation effectively.

The meeting ended with thanks to all the members.

Comments on the above minutes should be sent to the undersigned by 4.2.2013.

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