

Office of the Dean Academics

Minutes of the fourteenth meeting of Undergraduate Curriculum Implementation Committee

October 28, 2013

The fourteenth meeting of the Undergraduate Curriculum Implementation Committee (UCIC) was held in the Senate Room at 1500 hrs on October 14, 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.

Dr. Amitabha Tripathi and Prof. Santosh Kapuria also attended the meeting on behalf of members from their respective Departments.

The meeting started with a welcome to all members.

1. **Confirmation of minutes of meeting 13 dated August 29, 2013:** The minutes mentioned the number of credits of Solid Mechanics and Fluid Mechanics courses opted for by Civil Engineering Department as 4 credits each, while it should have been 5 credits each. With this change, the minutes of the previous meeting dated August 29, 2013 were confirmed.

2. **Discussion on the programme structures received from Departments:** A detailed discussion of the programme structures prepared by different Departments was held. The following were noted:

DBEB: 10 credits of programme-linked courses have been adopted: 4 credits of Transport phenomena, 3 credits of Material Science course from Physics and 3 credits of Differential Equations course from Mathematics Departments. The number of credits under different categories for UG and PG part of the dual degree had been proposed by the Department. Rest of the structure and details are under preparation.

CE: The department had worked out complete structure of the programme and scheduling of courses. They had opted to float materials courses for their own students in the form of core courses and labs. The committee discussed the structure and scheduling, and the following suggestions were made:

- a) The courses on Biology and Environment must appear in II year as per earlier decision approved by the senate about scheduling institute core courses.
- b) It may be useful if L-T-P content is shown in the table for each semester. However the committee felt that 6 lecture courses per semester is too high.
- c) The 4-credit B.Tech. Project must be part of the core as per the concept paper.

CSE: The Department had worked out complete structure of the programme and scheduling of courses. It was suggested that HU courses should be scheduled in Semesters 3,4,5 and 6. It was also suggested that one Departmental Specialization on Advanced Concepts be floated.

TT: The Department had opted to float its own course on polymeric materials. It was suggested that:

- a) The HU courses should be scheduled in semesters 3,4,5 and 6.
- b) One PL course could be scheduled each in semesters 3,4 and 5.

PH: The course schedule was received in the last minute and was discussed briefly.

ME: The course schedule of ME1 programme had been decided by the Department, and ME2 programme is being worked out.

In summary, it was recommended that HU courses should be accommodated by all programmes in semesters 3,4,5 and 6 so as to avoid inconvenience to students. However, some members felt that this should be relaxed to at least one HU course to be scheduled in semesters 3 and 4.

3. It was decided that the Dean Academics should constitute a committee for discussing the implementation of material science requirement recommended by the concept paper. Presently 4 different proposals of materials courses have been received, one from Physics, one from AM, while Civil and Textile Departments have decided to float separate materials courses for their students. The terms of reference of this committee would be to discuss the possibility of one or two courses that could be used as common courses by all the Departments.

4. The other agenda item on change of programme was deferred to the next meeting.

The meeting ended with thanks to the chair.

Comments on the above minutes may kindly be communicated to the undersigned latest by 6.11.13.

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