

DEPARTMENT OF ELECTRICAL ENGINEERING

Dept. Electrical Engg

On 28 FEB 2013

Ref. No.: 201 Been..... 776

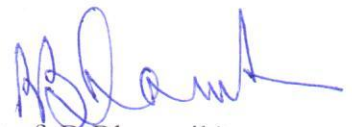
No.: IITD/EE/Gen.h/2013/

Dated: February 28, 2013

Subject: Undergraduate Curriculum Implementation.

This is in reference to your letter No.IITD/ADAC/97 dated 8.02.2013. A DFB meeting was held in the EE Committee Room on 22.02.2013 to discuss the issues regarding Undergraduate Curriculum Implementation.

The minutes of the DFB meeting is attached.



(Prof. B. Bhaumik)
Head of the Department

To
Dean (Academics)

Minutes of the DFB held on 22nd February 2013

Members present: JD, SC, RKP, AD, BKP, NSR, INK, SM, SS, SB, BS, RKP, SBC, RKP, KS, SDR, SA, MH

DFB was held on 22nd February 2013 to discuss issues regarding Undergraduate Curriculum Implementation.

1. DFB discussed and agreed with the model of tutorials proposed by UCIC. DFB suggested that M.Tech students be paid extra amount for taking tutorial in 100 and 200 level courses.
2. DFB discussed scheduling of first year courses as suggested by UCIC. DFB suggested that if possible Applied Mechanics course, AML110 should be offered only in second semester to the first year B.Tech students.
3. DFB recommended that in Maths I and Maths II tutorials engineering linked problems be discussed and course template should indicate that.
4. DFB is of the opinion that Maths II, MAL120 course content is a bit heavy.
5. DFB finds the course content of Physics, PHL101 and Biology, SBL100 and Mechanics to be appropriate.
6. DFB discussed the course content of Physics Lab course, PHP100. The content of Experiments on Electricity & Magnetism (28 hours) have overlap with the lab content of EEL101 (3-0-2). Introduction to Electrical Engineering. DFB suggests that in its place, experiments on photovoltaic, piezoelectric effect, Hall effect, Acoustics may be added.
7. DFB discussed the course content of CSL104.
 - (i) DFB is of the opinion that first year courses must not have prerequisite. Also for the prerequisite course CSP, course content is not available/approved.
 - (ii) Keeping in view that this is the first Computer Science course students will be crediting, DFB finds the course too heavy and recommends that topics under Module 5 (deals with data Structure) and Module 8 (deals with Concurrency and Multithreaded computations) be omitted or reduced.
8. DFB decided that EEL101 (3-0-2), Introduction to Electrical Engineering will have 36 lectures and 6 problem solving session. The course template is accordingly modified. Module 1- 2 hrs, Module2 – 4 hrs, Module3 – 2 hrs, Module4 – 3 hrs, Module5 – 2 hrs, Module6 – 7 hrs, Module7 – 4 hrs, Module8 – 5 hrs, Module9 – 2 hrs, Module10 – 3 hrs and Module11 – 2hrs : Total 36 hrs. Accordingly template will be modified.
9. DFB discussed course content of the courses to be offered by the department as programme linked EA/ES courses:
 - (i) DFB approved content of Signals and Systems Course
 - (ii) DFB authorized Chairman, Power Group to finalise the course content of Electromechanics as soon as possible.
 - (iii) DFB authorized Prof. Visweswaran to finalise course content of Digital Electronics in consultation with Computer Science and Engineering.

