

22.2.2013

Department of Physics

Minutes of the DFB

Department Faculty Board meeting held on 14<sup>th</sup> February 2013 was attended by Prof. K. Thyagarajan, Prof. D.K. Pandya, Prof. Arun Kumar, Prof. S.C. Kashyap, Prof. Neeraj Khare, Prof. Joby Joseph, Prof. Anurag Sharma, Prof. M.R. Shenoy, Prof. Sujeet Chaudhary, Prof. B.P. Pal, Prof. V.D. Vankar, Prof. R.K. Soni, Prof. Pankaj Srivastava, Dr. R.K. Varshney, Dr. M.C. Bhatnagar, Dr. Amartya Sengupta, Dr. P.K. Mudli, Dr. Rajendra Singh, Dr. Sankalpa Ghosh, Dr. Amruta Mishra, Dr. Aloka Sinha, Dr. A.K. Shukla.

Head of the Department informed the members that the meeting was called to discuss different issues related to UG Curriculum Implementation. Specific inputs had been sought by Dean (Academics) regarding method of conducting tutorials, schedule of Institute core courses, and some clarifications regarding the common Physics course proposed by the Department.

The Department chose the 3-0-0 format for the common Physics course, which would comprise of typically 36 lectures and 6 problem solving sessions. It was also agreed that application oriented problems will be discussed in the problem solving sessions to expose the students to the relevance of basic science to engineering. It was also decided that the first year common Physics laboratory would be reorganized to have typically three experiments each in the areas of Optics, Electricity and Magnetism, Mechanics and Modern Physics. It would be ascertained that there would be no overlap between proposed electricity experiments of the Department and the ones proposed by Electrical Engineering Department for their common course. The DFB authorized the HoD to constitute a committee to recommend experiments for the first year common Physics Laboratory.

Prof. D.K. Pandya, Chairman CRC of the Department informed the members about the program linked (PL) courses, which the CRC had recommended for requesting other departments to float for the Engineering Physics students. The DFB agreed with the CRC recommendations to request various departments to float the following courses:

- (i) Signal and Systems from EE Department(Proposed Credits 4)
- (ii) Digital Electronics from EE Department (Proposed Credits 4)
- (iii) Data Structures from CSE Department (Proposed Credits 4)
- (iv) Chemical Synthesis of Functional Materials from Chemistry Department(Proposed Credits 3)

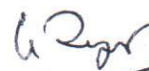
In this context, it was also recommended that PL courses should be floated exclusively for other departments and students of the parent department should not be allowed to register for these courses.

The meeting ended with a vote of thanks to the Chair.



Dr. Pankaj Srivastava

Actg. Secretary - DFB



Prof. K. Thyagarajan

Chairman – DFB