

Department of Mathematics

14th October 2013

DFB in its meeting held on 10.10.13 resolved the following regarding the new course curriculum.

(1) The following two programs be offered by the Department of Mathematics and the intake for both these programs will be through JEE.

- (i) B. Tech in Mathematics and Computing (24 students).
- (j) B.Tech-M.Tech Dual Degree in Mathematics and Computing (24 students)

Additionally, the B. Tech students will have the opportunity to switch to dual degree program at the end of third year subject to some CGPA criteria as per the Institute norm.

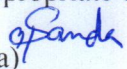
2. DFB discussed extensively on course curriculum of the Department and on the feedback of the UCIC (minutes of the 11th meeting of UCIC held on 14. 5. 2013) and resolved the following.

- (a) The courses MAL 745 **Software Engineering** and MAL 710 **Database Management Systems** should be offered as elective courses instead as core courses.
- (b) A new course MAL 781 Data Mining (3-0-2) should be offered as a core course in place of MAL 710 **Database Management Systems**.
- (c) The LPT structures of the following courses should be modified as follows.
 - (i) MAL 390 Statistical Methods and Algorithms from 3-0-0 to 3-0-2
 - (ii) MAL 230 Numerical Methods and Computation from 3-0-0 to 3-0-2
 - (iii) MAL 210 Optimization Methods and Applications from 3-1-0 to 3-0-2
- (d) In view of this, the DC component becomes 62.5 credits instead of 64.5 credits(refer to version 2 of the B.Tech (Math and Computing) proposal

3. The following PL core BS/EA/ES/ courses have been suggested by Department of Mathematics.

- a. MAL 215 Introduction to Statistics
- b. MAL 230 Numerical Methods and Computations
- c. MAL 235 Differential Equations
- d. MAL 255 Linear Algebra
- e. MAL 210 Optimization Methods and Applications
- f. MAL 250 Probability and Stochastic Processes

The above courses except MAL 250 Probability and Stochastic Processes should be withdrawn and appropriate courses may be proposed in due course of time depending on the need.

(B.S. Panda) 

Head, Department of Mathematics

To:

Dean, Academics