

Minutes of the meeting of the UG Advisory Expert committee for the Department of Mathematics held on 17th February 2014

A meeting of the UG Advisory Expert committee consisting of the following members were held on 17.2.14 at 3 PM in MZ 168, the committee room of the Department of Mathematics.

Committee Members:

1. Prof. Peeyush Chandra, Professor, Department of Mathematics and Statistics, IIT Kanpur (expert from Sister Organization)
2. Dr. Kailash K P Chanduka, Associate Director, Aris Global Software Pvt. Ltd., Bangalore (Expert from Industry)
3. Dr. P.K. Saxena, Director, SAG, DRDO (expert from research laboratory)
4. Prof. C.P. Katti, Dean School of Computer & System Sciences, JNU (Alumnus of the Department)
5. Prof. S.D. Joshi, Prof, EE Department, IIT Delhi
6. Prof. A. Tripathi, Department of Mathematics, IIT Delhi
7. Prof. Bhim Singh, Associate Dean, PG Research, IIT Delhi
8. Prof. B. S. Panda, Head, Department of Mathematics, IIT Delhi

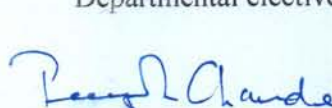
All the above members attended the meeting. Faculty members of the Department were invited to attend the meeting and shared their views.

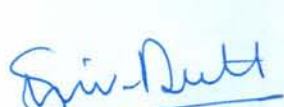
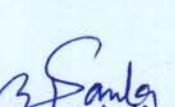
Head, Department of Mathematics gave a brief presentation of the Program proposal of the Department. The committee after extensive deliberation came up with the following recommendations.

1. The committee noted that the proposed programmes (i) B. Tech in Mathematics and Computing, and (ii) Dual degree B. Tech + M. Tech in Mathematics and Computing Programme are similar in character to the existing Five Year M.Tech in Mathematics and Computing programme and recommended that these two programmes be started in the Department of Mathematics in place of the five year Integrated M.Tech in Mathematics and Computing Programme.

2. The committee suggested that Department electives in new upcoming areas relevant to Industry such as (i) Cognitive Science, (2) Bio Computing, (3) Information Security, (4) Mathematical Biology, (5) Modelling and simulations, and Selected topics in Computing courses should be included in the list of electives. Some 1-credit courses relevant to industry and R&D organizations may be floated with the help of industry and R&D experts. Some introductory lectures on DBMS should be included in Data mining course.

3. The suggestion of Prof. S.C.S. Rao for including Linear Algebra: Theory, Methods and Applications in the Department Core was discussed. The committee recommended that this course, with suitable modifications, may be floated as a Departmental elective course.

 (Peeyush Chandra)  (Kailash K P Chanduka)  (P K Saxena)  (C P Katti)

 (S D Joshi)  (A Tripathi)  (B S Panda)  (Bhim Singh) 17.02.2014