

Syllabus of the PhD Admission examination - December 2011
Department of Mechanical Engineering
Indian Institute of Technology, Bombay

The major focus of the PhD written admission exam will be on basic applied mathematics with applications to problems in fluid, thermal, design and manufacturing and therefore the students are expected to be familiar with differential equations (ordinary and partial), initial value and boundary value problems, linear algebra, differential calculus, integral calculus and standard engineering mathematics.

For the interviews, the students are expected to be familiar with basic engineering concepts in their fields of interests and the project work they have carried out for their BTech/BE and MTech/ME.