

# **National Centre for Mathematics**

## **A joint center of TIFR and IIT Bombay**

Sixty mathematicians assembled for a workshop convened by Profs. C. S. Seshadri and M. S. Raghunathan, in October 2006 at the National Institute of Advanced Studies, Bangalore to discuss development of mathematical research, education and requirements of user agencies and industries. The workshop resulted in a document outlining a plan of action for major boost to mathematics education and research in India.

This report lists setting up of two institutes similar to the Mathematics Research Institute at Oberwolfach (Germany). Inspired by this proposal, a team of mathematicians from IIT Bombay and TIFR have proposed setting up a National Centre for Mathematics (NCM) in the picturesque surroundings of lakes and hills at the IIT Bombay.

The NCM is planned to be a major center for organizations, throughout the year, of short term courses, workshops, national and international conferences for researchers in mathematics and its applications. Its programmes will give a major boost to training researchers in all age groups in frontier areas of mathematics.

The vital importance of mathematics for science and industry is now realised by all. With increasing globalization, several leading universities in Europe and America are sending delegations to institutes like IITs and TIFR for possible collaboration. Currently, for organising various national conferences and workshops, it takes a great deal of effort for the organizer to locate a suitable venue and then spend considerable energy in organizational matters like accommodation, local transport, food, etc. The proposed research institute on the campus of IIT Bombay will eliminate these difficulties once for all.

IIT Bombay and TIFR will together establish NCM and run its programmes. For this purpose, a multipurpose building with a 100 seat state of art auditorium, several seminar halls,, cafeteria, library, a guest house with fifty rooms and twenty offices is envisaged.