

Indian Women and Mathematics

8-9-10 Jan 2012, supported by IMSc, Chennai

A first announcement

The focus of this conference is to bring together a diverse group of women who pursue or plan to pursue a research and teaching career in mathematics or in a profession which relies heavily on mathematics.

A primary goal of this conference is to explore ways to create an environment that supports women as they pursue their mathematical goals and also to expose them to developments in a variety of research areas.

We plan to invite four or five senior successful women mathematicians who will give expository lectures on their research. We expect that they will also be part of panel discussions where they will talk about the challenges they have faced and offer advice on the various practical aspects of doing a Ph.D in mathematics, getting the first postdoctoral position, a permanent position and on the importance of training the next generation of mathematicians. Having role models and mentors is critical for success and the panel will explore ways to set up effective mentoring programs.

The number of career options for students with advanced degrees in mathematics is growing rapidly. We will have a session which is devoted to the theme of

"Mathematics and jobs in the corporate world".

This session will focus two or three people from industry and applied areas who will explain the kinds of mathematical skills that are needed for instance, in the financial sector.

We hope to attract both women whose primary focus is research as well as lecturers and professors whose main focus is teaching. We feel that the participation of both groups is crucial and mutually beneficial and will help attract bright young students to mathematics.

We will try to support travel and local expenses for a large number of interested candidates. The registration is open at the meeting website below.

Organisers: V. Chari (University of California, Riverside) and J.N. Iyer (IMSc, Chennai)

We welcome and invite participants to fill in the Registration details.

Contact: **IWM2012@yahoo.com** <http://www.imsc.res.in/~jniyer/IWM.html>

The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai 600113, India.