



## Azim Premji University and Community Mathematics Centre (KFI)

Present

### A One-Day Workshop for Mathematics Teachers of Standards 9 to 12



- **Date:** Thursday, June 27, 2013
- **Venue:** Karnataka State Institute, Azim Premji Foundation, #88, S&B Towers, 4th Floor, MG Road, Bangalore - 560 001
- **Time:** 9 a.m. to 3 p.m. Lunch and coffee will be provided to all participants
- **Total spots available:** 30 (no more than 2 teachers from a school)

THERE IS NO REGISTRATION CHARGE.

#### **WORKSHOP DESCRIPTION:**

The workshop is based on the content of the publication *AT RIGHT ANGLES: A Resource for School Mathematics* which is addressed to mathematics teachers, teacher educators and students connected with the subject.

In order to share our vision of mathematics as a subject to be explored and to be enjoyed, we offer a one day workshop for groups of high school mathematics teachers. The workshop will consist of two parts:

- Discussing articles involving some of the following aspects of mathematics: a new look at some topic; an interesting problem; a connection between topics or across subjects; a historical perspective, an interesting classroom experience; a discussion on why students find certain topics difficult; an applet written to illustrate a theme in mathematics; an application of mathematics in science, medicine or engineering; etc.
- A writing session: We would like the magazine to offer a space for writing about aspects of mathematics which may not find a place in regular classroom teaching and syllabus coverage, yet which are accessible to students.

Teachers are also facilitators of interesting and productive classroom experiences. We would like them to develop the confidence to be able to share these insights and experiences.

The magazine, jointly produced by Azim Premji University and Community Mathematics Centre, Rishi Valley and Sahyadri School (KFI), provides in-depth insights into the history and practice of mathematics and encourages investigations, explorations, and innovative practices in the teaching and learning of the subject, including problem solving. It hopes to build a community of people who are excited about mathematics and mathematics teaching and connect with the larger discourse to grow as individuals and practitioners.

In the larger context, we expect 'At Right Angles' to become a platform for networking among Indian mathematics teachers. We believe there is a serious need to create viable platforms – in print and on the internet – where teachers and children from schools across the country can read about matters not in the regular school curriculum, where they can solve problems, where they can interact with one another, and where they can contribute; where individuals can share their original observations and discoveries; where beautiful results in school level mathematics can be written about and discussed. We invite you to be part of this effort.

#### **PROFILE OF RESOURCE PERSONS:**

**Dr. SHAILESH SHIRALI** is Head of the Community Mathematics Centre in Rishi Valley School (AP) and Director of Sahyadri School (KFI), Pune. He is the Chief Editor of the high school mathematics resource 'At Right Angles'. He is the author of many mathematics books addressed to students; serves as an editor for the undergraduate science magazine Resonance; has been closely involved with the Math Olympiad movement in India; and engages in teacher education as well. He may be contacted at [shailesh.shirali@gmail.com](mailto:shailesh.shirali@gmail.com)

**Ms. SNEHA TITUS**, a teacher of mathematics for the last twenty years, resigned from her full time teaching job in order to pursue her career goal of inculcating in students of all ages, a love of learning the logic and relevance of mathematics. She is Assistant Professor at Azim Premji University and as Math specialist at the University Resource Centre is also the Associate Editor of 'At Right Angles'. Sneha also mentors mathematics teachers from rural and city schools. She uses small teaching modules incorporating current technology, relevant resources from the media as well as games, puzzles and stories which will equip and motivate both teachers and students. She may be contacted on [sneha.titus@azimpremjifoundation.org](mailto:sneha.titus@azimpremjifoundation.org)

#### **To register for the workshop please contact:**

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