

Two-Day Workshop for Mathematics Teachers of Standards 9 to 12 held at CUSAT ---
A report

This workshop jointly sponsored by Azim Premji University and Ramanujan Mathematical Society was held at the Department of Mathematics, Cochin University of Science and Technology, Cochin during 23-24 May 2014. The workshop was formally inaugurated by Dr. P. G. Romeo, Professor and Head, Department of Mathematics, CUSAT. In this meeting both Prof. A. Vijayakumar and Ms. Sneha Titus explained the objective of such a workshop – to inculcate interest among school teachers and enrich them with recent developments in the subject. They were also introduced to the popular math periodicals like At Right Angles, a joint production of Azim Premji University and Community Mathematics Centre.

There were 38 school teachers from the aided, un aided and government schools from different parts of Kerala.

The academic programme started with lectures by Sneha Titus on the ‘Birthday Paradox’ and ‘Origamics’. Ramanujan Mathematical Society lecture 1 on ‘Regular Polyhedra and Iterations’ was delivered by Prof. A. Vijayakumar - the RMS faculty of this workshop. In the afternoon the discussion on ‘Tessellations’ was lead by Ms. Sneha Titus. The participants were grouped and were asked to make tessellations using the plastic pieces brought by Ms. Sneha. This was followed by a discussion on the following topics, Problems teachers face in day to day teaching mathematics , Information on Research and Scholarship programs in Mathematics and , using school maths related softwares such as Geogebra.

On the second day, the discussion started with ‘Monty Hall Problem’ by Sneha Titus. This was followed by the Ramanujan Mathematical Society lecture 2, on Applications of Mathematics- Excitements and Challenges. In the after noon there was a session on Problem solving- How to solve it.

The two- day workshop concluded with a briefing on various further avenues for the school teachers to meet and interact such as the annual conferences of the Association of Mathematics Teachers of India, TIME and ICME. Mr. K. Suresh, Vice Principal , Bhavans Newsprint Vidyalaya ,Kottayam, the Coordinator of the workshop proposed a vote of thanks to APU and RMS.

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