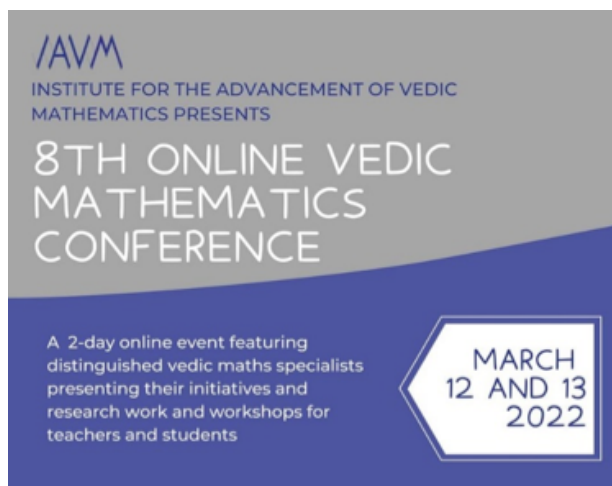




8th Online VM Conference Report

After a challenging last two years, 2022 brought in hope with the promise of returning to the pre-pandemic world. Consequently, IAVM reverted to the tradition of hosting the annual online Conference in the month of March (In 2021 the conference was postponed to June).



March 12, 2022 (Day 1)

Over 50 Vedic Maths enthusiasts from India, UK, Philippines, Spain, Australia, USA, Singapore, Netherlands, and South Africa joined online to listen to original research in Vedic Maths and VM initiatives across the world.

Research papers, **By Osculation - An Efficient Tool** by Muthuselvi Prabhu (India) and **Working on Work Problems** by Chard Alova (Philippines) were well appreciated by the audience.

It was heartwarming to hear the spread and love of Vedic Mathematics by **Hasan Oleik** (Lebanon), **Thair Raid** (Iraq), **Ike Prudente** (Philippines), Lokesh Tayal (Singapore), **Maj. Jyoti Pandya** (India), and **Anand Prabha** (India).

Day 1 concluded with an overview of IAVM activities in 2021 and plans for 2022.

March 13, 2022 (Day 2)

Day 2 started with the celebration of the winners for Lilavati 2022 contest, followed by reading of the winning entries. Nearly sixty entries from across the world under four different categories / age groups were judged for creativity, originality, math concepts and writing styles.

We also announced the publication of Lilavati - Book 2021; a beautifully illustrated collection of mathematical poems, puzzles and riddles from last year's competition. This is now available as a free download (donations welcome) by emailing us at instituteavm@gmail.com.



The winners for Lilavati 2022 in the different categories are:

Age group 8-10 category:

- 1st place - Shree Arsshiya Balaji – Netherlands
- 2nd place - Tanav Patkar – USA
- 3rd place - Krishav Thakur – Japan

Age group 11-13 category:

- 1st place - Anushka Tonapi - India
- 2nd place - Sanjana Roy - India
- 3rd place - Suhani Thakur – Japan

Age group 14-16 category:

- 1st place - Shriya Balaji - Netherlands
- 2nd place - Mrunmayee Yawale – India
- 3rd place - Aniruddha Ambewadikar – India

Open category:

- 1st place - Srinivasa Ainapurapu - USA
- 2nd place - Vajindar Kaur - India
- 3rd place - V S Venkatavaradan - India

The main events for Day 2 consisted of three parallel sets of workshops for teachers and educators, students (aged 8 - 12 years) and students (aged 13 - 18 years). There were over 150 students attendees who took advantage of the free workshops presented by experienced teachers and trainers. Each group received four workshops as outlined below.

Teachers/Educators

1. Sutras - Pronunciation/Meaning - James Glover (IAVM)
2. Hemachandra and Pingala Series - Prajakti Gokhale (IAVM)
3. Model Making - Marianne Fletcher (IAVM)
4. Application of sutras to differentiation and integration - Anand Prabha (KMV)

Students (Aged 8 - 12)

1. Ganitavadhanam - Sreenivasa A. (USA)
2. Rubik's Cube and life lessons - Maj. Jyoti Pandya (Cal n Cubes)
3. Poems, Puzzles and Riddles with maths around the world - Swati Dave and Gowri R. (IAVM)
4. Numbers in Nature - Marianne Fletcher (IAVM)

Students (Aged 13 - 18)

1. VM Applications (VC and Algebraic) - Chard Aye Alova (Philippines)
2. Vinculum and its applications – Vajinder Kaur (KMV)
3. Rubik's Cube and mathematical concepts - Maj. Jyoti Pandya (Cal n Cubes)
4. Ganitavadhanam - Sreenivasa A. (USA)

The staff and helpers at IAVM wish to express their gratitude to all the participants together with a special thank you to the speakers and the workshop trainers.

Events for 2022

Keep an eye out for our main events this year. The 5th International Vedic Mathematics Conference will be held at Sree Sankara College in Kalady, Kerala, on 11th - 13th August. We have put out a call for papers for this.

The International Vedic Maths Olympiad will be held in September. This is a competition aimed at testing VM techniques, speed of calculation and mathematical acumen. The competition is organised in five categories: Primary, Junior, Intermediate, Senior and Open.

We are also running a series of free webinars (called Knowledge Series 2) throughout the year on diverse aspects of Vedic Maths, Indian mathematics and related issues.
