The 9<sup>th</sup> Online Vedic Mathematics Conference was hosted by The Institute of Advancement of Vedic Mathematics on June 10<sup>th</sup> and 11<sup>th</sup>, 2023.



This conference, held annually, has the purpose of advancing education and research in Vedic Mathematics for public benefit as per the terms of charitable status. It acts as a focus for interested parties to come together and share experiences and ask questions.

#### Day 1 - June 10th, 2023

Enthusiasts from India, UK, Philippines, Spain, USA, Japan, Abu Dhabi, Netherlands, and Italy joined to listen and watch original research in Vedic Maths and VM initiatives across the world.

The conference started with a welcome note and an overview of IAVM 2022 activities by Swati Dave, CEO, IAVM.

This was followed by a brilliant and insightful keynote address by Nilesh Oak. [Link to the video]. The talk was well appreciated by the audience. This was evident in the warm and enthusiastic feedback received. Example: "Brilliant presentation...motivating me to explore more." and "Thank you Nilesh Sir! Honestly feels like I can just keep listening on and on."

James Glover, Chairman IAVM, gave a short speech thanking Nilesh Oak for his wonderful appreciation of the modern application of Vedic knowledge.

The IAVM team had an exciting line up of speakers for the next 3+ hours. Muthuselvi Parabhu, Tanmay Deepak, Angela Pierre and Ramya N. presented their research papers, and other speakers highlighted their experiences with Vedic Mathematics and their initiatives to promote VM.

### Programme

<u>June 10, 2023 - DAY 1</u>				
	Welcome/Logistics and IAVM (USA)	Swati Dave (USA)		
	Keynote Speech	Nilesh Oak (USA)		
Partnerships	Trigyn Technologies	Dr. Rajmohan Rao		
	CBIT, Hyderabad	Dr. Suresh Babu (India)		
	CCSU, Meerut	Prof Shivraj Singh (India)		
Research	Quadratic Solutions – Special and General Method	Muthuselvi Prabhu (India)		
	Survey - Student perspective towards subject of mathematics	Tanmay Deepak (Dubai)		
	VM Experience	Sreenivasa A. (USA)		
VM	VM Experience	Dr. Samridhi Mehta (India)		
Experience/Initiatives	11th SRS All Goa Vedic Mathematics Test (Initiative)	Sagar Sakordekar (India)		
	VM Experience	Dr Magda Klopper (SA)		
	BREAK			
	BREAK Multiply	Angela Pierri (Italy)		
Research	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes	Angela Pierri (Italy) Ramya N (Netherlands)		
Research	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes Cross Cultural Exchange by Vedic Mathematics: Exploring Mathematical Traditions and Integrating Knowledge	Angela Pierri (Italy) Ramya N (Netherlands) Dr. Pooja Rani (India)		
Research	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes Cross Cultural Exchange by Vedic Mathematics: Exploring Mathematical Traditions and Integrating Knowledge	Angela Pierri (Italy) Ramya N (Netherlands) Dr. Pooja Rani (India) Ike Prudente (Philippines)		
Research	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes Cross Cultural Exchange by Vedic Mathematics: Exploring Mathematical Traditions and Integrating Knowledge Philippines	Angela Pierri (Italy) Ramya N (Netherlands) Dr. Pooja Rani (India) Ike Prudente (Philippines) Kanmani G. (Japan)		
Research VM Initiatives	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes Cross Cultural Exchange by Vedic Mathematics: Exploring Mathematical Traditions and Integrating Knowledge Philippines Japan	Angela Pierri (Italy) Ramya N (Netherlands) Dr. Pooja Rani (India) Ike Prudente (Philippines) Kanmani G. (Japan) Whilmar V. (Philippines)		
Research VM Initiatives	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes Cross Cultural Exchange by Vedic Mathematics: Exploring Mathematical Traditions and Integrating Knowledge Philippines Japan Philippines	Angela Pierri (Italy) Ramya N (Netherlands) Dr. Pooja Rani (India) Ike Prudente (Philippines) Kanmani G. (Japan) Whilmar V. (Philippines) VM Tunisia (Tunisia)		
Research VM Initiatives Research	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes Cross Cultural Exchange by Vedic Mathematics: Exploring Mathematical Traditions and Integrating Knowledge Philippines Japan Philippines Tunisia	Angela Pierri (Italy) Ramya N (Netherlands) Dr. Pooja Rani (India) Ike Prudente (Philippines) Kanmani G. (Japan) Whilmar V. (Philippines) VM Tunisia (Tunisia) Angela Pierri (Italy)		
Research VM Initiatives Research Workshop	BREAK Multiply Application of Vedic Maths Sutras in Counting Shapes Cross Cultural Exchange by Vedic Mathematics: Exploring Mathematical Traditions and Integrating Knowledge Philippines Japan Philippines Tunisia Wheel of Numbers How Nikhilam division works	Angela Pierri (Italy) Ramya N (Netherlands) Dr. Pooja Rani (India) Ike Prudente (Philippines) Kanmani G. (Japan) Whilmar V. (Philippines) VM Tunisia (Tunisia) Angela Pierri (Italy) Chandrahas Halai (India)		

### Day 2- June 11th, 2023

Day 2 started with a celebration of the winners for the Lilavati 2023 contest, followed by readings of the winning entries. Nearly sixty entries of poems, puzzles and riddles were judged for creativity, originality, math concepts.

There were five levels of entry according to age as, Under 8, 8 - 10, 11 - 13, 14 - 16 and Open category. The judges agreed not to rank the Under 8s as, originally, this was not a published category. Nevertheless, certificates were awarded.



Winners for the other categories are as follows:

We also announced the publication of Lilavati Book-2022, a beautifully illustrated collection of mathematical winning entries from last year's competition.

This is now available for purchase on our website.

A book containing an illustrated selection of this year's entries will be available in due course.







After the exciting Lilavati segment the stage was set for the parallel workshops for teachers and educators, students (G3-G7) and students (G8 and above). There were about 100 participants who took advantage of the free workshops presented by experienced teachers and trainers.

Teachers & Educators	Gowri R. (India)	Introduction and Nikhilam Multiplication
	Muthuselvi Prabhu (India)	Vertically and Crosswise Multiplication including comparisons with Nikhilam Multiplication
	Sripathi Sripada (India)	Divisibility Tests using Osculators
	Sreenivasa Ainapurapu (USA)	Division by 9, Digital Roots, Patterns and checking answers
Students (G3-G7)	Muthuselvi Prabhu (India)	Introduction + Nikhilam Subtraction
	Sreenivasa Ainapurapu (USA)	Practical calculations using Vedic Mathematics
	Ramya N. (Netherlands)	Digital roots and puzzles
	Prajakti Gokhale (India)	Magic Squares
Students (G8 and above)	James Glover (UK)	Introduction and Nikhilam Multiplication
	Sripathi Sripada (India)	Divisibility Tests using Osculators
	Prajakti Gokhale (India)	Financial Mathematics
	James Glover (UK)	Analytic Geometry - Straight Line Graphs

#### Workshop Schedule

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

#### **Upcoming Events for 2023**

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

We are also running a series of free webinars (called Knowledge Series 3) throughout the year on diverse aspects of Vedic Maths, Indian mathematics, and related issues.

Thank You!!

Link to Selected presentations