

Report

11th Online Vedic Mathematics Conference



Building on the success of the 10th online conference, this year's annual event continued the tradition of offering **free access to all attendees**.

The conference was a resounding success, attracting **270 registrants from 20 countries**, showing an increased global interest in Vedic Mathematics.



Report

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Day 1 - July 12, 2025

Across the diverse landscapes of the **Philippines, USA, Japan, UK, India, Abu Dhabi, the Netherlands, and Italy**, Vedic Math enthusiasts gathered in a virtual room. They united to delve into groundbreaking original research and see the global surge of Vedic Math initiatives

The conference kicked off with a welcome address by Swati Dave (USA) IAVM - CEO.

This was followed by a captivating talk on “[Connections](#)” by the Keynote Speaker James Glover (UK), IAVM – Chairman.

The IAVM team had an **exciting three-hour lineup** planned.

Muthuselvi Prabhu, Tanmay Deepak, Abhiram Krishna, Gowri Ramachandran, James Glover, and S. Praveen presented their research papers, and Vedic Mathematics teachers and trainers from India, Malaysia, Tunisia, and the Philippines highlighted their experiences with Vedic Mathematics and shared their initiatives to promote it.

The day also featured a captivating talk by **Guest Speaker Robert McNeil** on “[Vedic Mathematics sutras and their pivotal role in the study of Vedic Maths.](#)”

July 12, 2025 - DAY 1 [11:00 GMT to 15:00 GMT]		
Welcome and Logistics		Swati Dave (USA)
Keynote	Connections in Vedic Mathematics	James Glover (UK)
Research Presentation	System of simultaneous linear equations	Muthuselvi Prabhu (India)
	Trigonometry: The Vedic Way	Tanmay Deepak and Abhiram Krishna (Dubai)
VM Experience/Initiatives	VM Initiative in Tunisia	Sahar Ben Makhlouf (Tunisia)
	Vedic Maths as a Tool for Teaching	Angela Pierri and Laura Aimo (Italy)
	VM Initiative in Malaysia	Selvaraju Muralthy (Malaysia)
Guest Speaker	Vedic Mathematics sutras and their pivotal role in the study of Vedic Maths.	Robert McNeil (UK)
Research Presentation	Geometric Narratives in Ritual Art: A Mathematical and Cultural Study of Saraswati Yantra and Aishwarya Kolam	Gowri Ramachandran (Philippines)
VM Experience/Initiatives	IAVM - Global	Swati Dave (USA)
BREAK (10 minutes)		
Research Presentation	Multiplying Teens: Investigating Various Methods for multiplying Numbers from 11 x 11 to 19 x 19	James Glover (UK)
	Role of Vedic Maths in VLSI Design	S. Praveen (India)
VM Experience/Initiatives	VM Initiative in Philippines	Ike Prudente (Philippines)
	My Rural Expedition: Vedic Mathematics in Adarsha Vidyalayas, Assam, India	Rupi Das (India)
	A Vedic Mathematics Initiative in Puerto Princesa City, Palawan, Philippines	Raffy Clemen (PH)
	VM Initiative in Goa, India	Sagar Selvarajekar (India)
Closing Remarks and Vote of Thanks		James Glover (UK)

Report

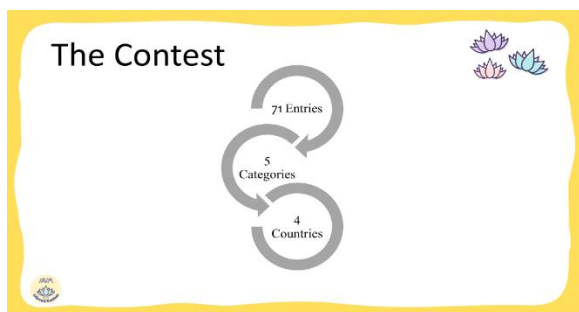
11th Online Vedic Mathematics Conference

Day 2 – July 13, 2025

Day 2 started with an intriguing presentation: “**Application of Vedic Maths Sutras to strategies in chess**” by CRS Kumar.

Next was the most awaited segment. Winners for the Lilavati 2025 contest were celebrated, and the audience had the unique opportunity to hear their prize-winning creations.

Lilavati 2025 Highlights:



Five levels of entry according to age: Under 8, 8 – 10, 11 – 13, 14 – 16 and Open category.

Four countries: India, Philippines, Japan, and the USA.

For the complete list of winners click [here](#).

Following the Lilavati segment, there were two interesting presentations by Angela Pierre (Italy) and Ramya Nitharshini (Netherlands)

July 13, 2025 - DAY 2 [11:00 GMT to 14:00 GMT]		
Welcome		IAVM
Research Presentation	Application of Vedic Maths Sutras to strategies in chess	CRS Kumar (India)
Lilavati	Lilavati Workshop	IAVM
	Lilavati 2025	IAVM
Research Presentation	Multiplying non-complementary numbers	Angela Pierri (Italy)
	Application of Vedic Maths Sutras in Spirolaterals	Ramyantharshini Balaji (Netherlands)
Closing Remarks and Vote of Thanks		Swati

In line with our vision, the annual conference serves to **advance education and research in Vedic Mathematics for the global community**. It provides a vital platform for enthusiasts and experts alike to present their research and developments, **connect with one another, share experiences, and engage in meaningful discussions**.

The IAVM team extends its sincere gratitude to all participants, with a special thank you to the speakers who made this event a success.

The complete [playlist](#) of conference recordings is available for those who wish to revisit the insightful sessions.

Report

11th Online Vedic Mathematics Conference

RESEARCH PAPER PRESENTATIONS GIVEN BY: -

1. Muthuselvi Prabhu, (India), Educator

[System of simultaneous linear equations – elimination using cross multiplication](#)

Simultaneous linear equations with more than two variables have a wide range of applications in mathematics across different fields such as linear algebra, optimization, geometry, probability theory, graph theory, physics, engineering, and control systems. These equations are fundamental in solving real-world problems, from modelling physical systems to optimizing solutions in various disciplines. This paper shows how to solve simultaneous linear equations with more than 2 variables using cross multiplication method.

2. Tanmay Deepak (UAE), Student and Abhiram Krishna (UAE), Student

[Trigonometry: The Vedic Way](#)

Trigonometric identities are an integral part of trigonometry. In this paper, we aim to prove various trigonometric identities using Vedic Math methods, primarily 'triples' and the sutra 'By mere observation'. Using these Vedic Math techniques, we can arrive at a simpler and more intuitive proof for these identities, helping us reinforce the concepts in our minds.

3. Gowri Ramachandran, Trustee and CFO, IAVM

[Geometric Narratives in Ritual Art: A Mathematical and Cultural Study of Saraswati Yantra and Aishwarya Kolam](#)

*Kolam is a ritualistic and aesthetic art form rooted in South Indian culture, characterized by intricate geometric or curved-line patterns traditionally drawn at the thresholds of homes. This study focuses on two specific Kolams—**Saraswati Yantra** and **Aishwarya Kolam**—which are customarily created in front of prayer altars during specific festival days.*

4. James Glover (UK), Founder and Chairman, IAVM

[Multiplying Teens: Investigating Various Methods for multiplying Numbers from 11 x 11 to 19 x 19](#)

5. S. Praveen, Assistant Professor, RVCE, Bangalore, India

[Role of Vedic Maths in VLSI Design](#)

*VLSI design necessitates rapid computation, with **area**, **power**, and **delay** being critical performance metrics. This work investigates the significant role of **Vedic Mathematics** in optimizing these parameters and accelerating computations within VLSI designs. We will explore how Vedic methods can enhance performance-oriented designs for current technology.*

6. Name: CRS Kumar (India)

[Application of Vedic Maths sutras to strategies in chess](#)

In this presentation, we explore the application of Vedic principles to chess strategy, presenting a novel framework called Vedic Chess Sutras. Inspired by simplicity and

Report

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elegance of Vedic Math Sutras, these chess principles aim to enhance decision-making and strategic planning for players of all levels.

7. Angela Pierre (Italy), certified Vedic Maths teacher
[Multiplying non-complementary numbers](#)
8. Ramyanitharshini Balaji (Netherlands), Director - Operations and Social Media
[Application of Vedic Maths Sutras in Spirolaterals](#)

Spirolaterals are geometric figures formed by drawing line segments of sequential lengths (1, 2, 3, ..., n), each joined at a fixed internal angle (commonly 90°), and repeating this sequence until the figure closes. The number of repetitions required for closure is called its cycles.

This study explores the relationship between Vedic Mathematics sutras and Spirolaterals with 90°, focusing on 3-digit numbers (excluding those with zeros like 101, 120... or repeating digits like 111, 222...) and their geometric properties.

VM INITIATIVES SHOWCASED BY: -

1. [Sahar BEN MAKHLOUF \(Tunisia\)](#)
Training Coordinator at *Vedic Maths Tunisia*.
2. [Angela Pierri \(Italy\)](#)
Psychologist, Psychotherapist, certified Vedic Maths teacher and tutor,
3. [Dr. Laura Aimo \(Italy\)](#)
Researcher in Aesthetics at the Faculty of Education at the Università Cattolica del Sacro Cuore in Milan and Piacenza
4. Selvaraju Munandy (Malaysia)
Founder, Mathemagics Learning Centre
5. [Ike Prudente \(Philippines\)](#)
Founder, Mathinic, Philippines
6. [Rupi Das \(India\)](#)
Vedic Mathematics Trainer, Assam
7. Raffy Clemen (Philippines)
Secondary School Teacher and Vedic Mathematics Enthusiast
8. [Sagar Sakordekar \(India\)](#)
Founder, SRS Vedic Mathematics Academy, Goa

Report

11th Online Vedic Mathematics Conference

The Compilation of Lilavati Competition Puzzles from 2021, 2022, and 2023 are now available as a print copy in India!



Each book is a labor of love, filled with fascinating puzzles and brought to life with beautiful illustrations created by our very own talented young artists.

These beautifully crafted books make unique and thoughtful presents for your friends and family on their special occasions.

Share the joy of these engaging puzzles and the artistic flair of our young contributors!

Imagine the pride you/your child/your students will feel seeing their own entry featured within these pages!

It is a tangible keepsake of their participation and a celebration of their mathematical curiosity.

Please write to us @ lilavatiivm@gmail.com to buy the books.

IAVM 2024-25
Moving Forward with Vision

NEW IN 2025

Lilavati 2021



Lilavati 2022



Lilavati 2023

