

Conference Programme

Subject to alteration as per announcements

Day 1

Satyajit Ray Auditorium

Conference Room

9.10 - 9.40	Opening Welcome and Inaugural Speech	
9.40- 10.15	Keynote Speech - James Glover	
10.15 - 10.30	Message from the Organisers - Swati Dave	
10.30 - 11.00	Break	
11.00 - 11.45	Agebraic Patterns associated with Vedic Mathematics to Shorten Integration of Quadratic Formulae Vasant V Shastri, Alex Hankey	Workshop - Vedic Maths for Primary School. Suitable for Classes III - VI and for Teachers Marianne Fletcher
11.45 - 12.30	Vedic Maths in Education Jayanthi Saravanan	
12.30 - 13.30	Lunch	
13.30 - 13.55	A Novel Approach of Multiplying Four Numbers near a Base Pavitdeep Singh, Jatinder Kaur	Vedic Mathematics and Yogic Practices Ranjani Chari Teaching Vedic Math to Non-Traditional Audiences Richard Blum (Swati Dave)
13.55 - 14.20	A Novel Approach of Multiplying Five Numbers near a Base Pavitdeep Singh, Jatinder Kaur	
14.20 - 15.00	Impact of Vedic Mathematics in Education Samrudh J, S.G. Raghavendra Prasad	
15.00 - 15.30	Break	
15.30 - 16.15	A Survey on Implementation of Vedic Mathematics Sutras in Information Technology Anil AR	Shaping Entrepreneurial Minds with Vedic Maths Nivedna Sirkissoon
16.15 - 17.00	Relevance of Shulbasutras of the Yajurveda : Modern Context Dr. Daya Shankar Tiwary	Strategies for Motivating Students in Mathematics Swati Dave

Day 2

Satyajit Ray Auditorium

Conference Room

9.00 - 9.45	<p>The Side of a Regular Polygon – Lilawati Method Dr. A.W. Vyawahare, Prof. S.M. Deshpande</p>	<p>Workshop - Enabling Students with Special Needs to Succeed in Maths Swati Dave</p>
9.45 - 10.30	<p>Binomial Theorem, Power Triangles and Calculus Marianne Fletcher, James Glover</p>	
10.30 - 11.00	Break	
11.00 - 11.45	<p>Bharathi Krishna Tirtha's Vedic Maths and early Indian mathematics: comparison of the fundamental arithmetic operations Dr Arvind Prasad</p>	<p>Workshop - Squares, cubes, square roots, cube roots - suitable for Class IX upwards and also teachers Rajeshwari Sharma, Purvi Lohana</p>
11.45 - 12.30	<p>Vedic Mathematics, Lilavati and Nepal Jayanta Acharya</p>	
12.30 - 13.30	Lunch	
13.30 - 14.15	<p>Calculus rendered in verses and prose: Contribution of the Kerala School Dr. Vanishri Bhat</p>	<p>Vedic Mathematics A Gift to Society Nivedna Sirkissoon</p>
14.15 - 15.00	<p>Aggrandizing Human Potential of Computation through Indian Intellectual Traditions of Vedic Algorithms Dr. Smitha S</p>	<p>Vedic Mathematics Steps in Luxemburg Shruti Tulsian</p> <p>A Technology-Driven Approach to Mass Scaling Vedic Maths in India and Abroad, Lokesh Tayal</p>
15.00 - 15.30	Break	
15.30 - 16.15	<p>Vedic Maths in Education Gurunathan Sankaranarayanan, Anuradha Subramaniam</p>	<p>Rationals Rock Workshop suitable for Grade VII upwards and teachers Marianne Fletcher</p>
16.15 - 17.00	<p>Bharati Krishna's Special Cases Kenneth Williams (James Glover)</p>	

Day 3

Satyajit Ray Auditorium

Conference Room

9.00 - 9.45	<p>Deeper Reasons Why Students Find Vedic Mathematics So Enjoyable Alex Hankey and Vasanth Shastri</p>	<p>The Math-Amazing Maze Workshop suitable for Classes II - IV and Teachers Marianne Fletcher</p>
9.45 - 10.30	<p>A New Approach to the Teaching of Coordinate Geometry James Glover</p>	
10.30 - 11.00	Break	
11.00 - 11.45	<p>An Investigation into the Working of the Ekadhikena Purvena Sutra, and How it can be Used to Identify Prime Numbers Marianne Fletcher</p>	<p>Workshop - Forming Rational Triangles using Triplets - suitable for Class IX upwards and also teachers Purvi Lohana Rajeshwari Sharma</p>
11.45 - 12.30	<p>Contributions of Kerala to Mathematics P.Devaraj</p>	<p>Workshop - Value of π using "Katapayadi". How Katapayadi can be used for coding. Rajeshwari Sharma</p>
12.30 - 13.30	Lunch	
13.30 - 14.15	<p>Vedic Mathematics: Its impact on Children with Special Needs Pooja Rani, Sukhwinder Kaur</p>	<p>Freaky Fractals Workshop suitable for Classes IX - XII, Undergraduates and Teachers Marianne Fletcher</p>
14.15 - 15.00	<p>Vedic Mathematics as a part of school curriculum - a Controversy Sumita Bansal</p>	
15.00 - 15.30	Break	
15.30 - 16.30	<p>Panel: Questions and Answers from Leading Experts</p>	
16.30 - 17.00	<p>Finale</p>	