

Mathematics Teachers' Association of India – Northern Region Conference

Jointly organised with

State Council of Educational Research and Training (SCERT), Haryana
and State Institute of Advanced Studies in Teacher Education (SIASTE),
Gurugram, Haryana

Conference dates: 31st January to 2nd February 2025

Programme Schedule

Main Venue: SCERT, Haryana

Time	Event	Venue
Day 1: Friday, 31st January 2025		
08:30 am – 09:30 am	Registration	Reception Area
09:30 am – 10:00 am	Inaugural Session <ul style="list-style-type: none">• <i>Welcome address</i> by Geetha Venkataraman, President MTA• <i>Introduction to the theme of the conference</i>, by Jonaki Ghosh, Conference co-chair• <i>Inaugural Address</i> by Dr Rishi Goel, Director, SIASTE• <i>Vote of thanks</i> by Sunil Bajaj, Joint Director, SCERT and Conference co-chair	Main Hall 1st floor
10:00 am – 11:15 am	Keynote Talk 1: Innovative Approaches to Mathematics Education: Project–Based Learning and Classroom Narratives <i>Shobha Bagai</i> , Professor & Director, Cluster Innovation Centre, University of Delhi <u>Session chair:</u> Gurmeet Bakshi, Professor, Department of Mathematics, Punjab University	Main Hall 1st floor
11: 15 am – 12:00 pm	TEA (Setting up of Poster presentations and Exhibition)	
12:00 pm – 01:30 pm	Paper presentation session – I (parallel slots – 8 presentations) <u>Session chairs:</u> Anup Rajput, Professor, NCERT and Dr. Ruchi Kumar, TISS	Manthan & Nirnay

01:30 pm – 2:30 pm	LUNCH BREAK	Dining Hall
02:30 pm – 4:00 pm	Workshop 1: Create, Visualise and Explore: Transform Mathematics Classroom with Technology (school level) Sangeeta Gulati , Head, Department of Mathematics, Sanskriti School, Delhi.	Computer Lab 2
	Workshop 2: Experiments in University Mathematics (senior secondary school and college level) Amber Habib , Professor, Department of Mathematics, Shiv Nadar Institute of Eminence, Delhi NCR	Computer Lab 1
04:00 pm – 04:30 pm	TEA	Reception Area
04:30 pm - 05:30 pm	Workshop 3: Computational thinking in the mathematics classroom Jonaki Ghosh , Professor, Department of Elementary Education, Lady Shri Ram College for Women, University of Delhi	Computer Lab 2
06:00 pm onwards	Cultural Program <i>Basant: A musical evening celebrating melodies of spring</i> Conference Dinner	Auditorium
Day 2: Saturday, 1st February 2025		
09:00 am – 10:15 am	Keynote Talk 2: Posing problems for the mathematics classroom R Ramanujam , Professor, Azim Premji University, and IMSc, Chennai (Retd.) <u>Session chair:</u> Dr Vivek Vijay, Department of Mathematics, IIT Jodhpur	Main Hall 1st floor
10:15 am – 10:45 am	TEA	
10: 45 am – 12:15 pm	Paper presentation Session – II (parallel slots – 10 presentations) <u>Session chairs:</u> Dr. Ruchi Kumar, TISS and Dr. Satyanarayan R., Department of Mathematics, Shiv Nadar Institute of Eminence	Manthan & Nirnay
12:15 pm – 01:15 pm	Poster Presentations and Exhibition	Reception Area
01:15 pm – 02:15 pm	LUNCH BREAK	

2:15 pm – 3:45 pm	<p>Panel Discussion 1: Teacher professional development in mathematics: Design and Implementation</p> <p><u>Chair and Moderator:</u> Geetha Venkataraman, Professor, Department of Mathematics, Dr. B R Ambedkar University, Delhi</p> <p><u>Panelists</u></p> <p>Haneet Gandhi, Professor, Faculty of Education, Central Institute of Education, University of Delhi</p> <p>Jyoti Sharma, Professor, Cluster Innovation Centre, University of Delhi</p> <p>Satyanarayan Reddy, Department of Mathematics, Shiv Nadar Institute of Eminence, Delhi NCR</p> <p>Ruchi Kumar, Tata Institute of Social Sciences, Mumbai</p>	Auditorium
03:45 pm – 04:15 pm	TEA	
04:15 pm – 05:30 pm	<p>Workshop 4: Fitting Puzzles into Traditional Teacher-centered Mathematics Classrooms (School Level)</p> <p>Sunil Bajaj, SCERT Haryana</p> <p>Workshop 5: Exploring graphs (senior secondary school & college level)</p> <p>Inder K Rana, Emeritus Professor, Indian Institute of Technology, Mumbai (Retd)</p>	Nirnay & Computer Lab 2
Day 3: Sunday, 2nd February 2025		
09:00 am – 10:15 am	<p>Keynote Talk 3: Celebrating Mathematics</p> <p>Fozia Qazi, Professor (Former), Islamic University of Science and Technology, Kashmir</p> <p><u>Session chair:</u> Amber Habib, Professor, Department of Mathematics, Shiv Nadar Institute of Eminence, Delhi NCR</p>	Main Hall 1st floor
10:15 am – 10:45 am	TEA	
10: 45 am – 12:15 pm	<p>Panel discussion 2: Bridging gaps in mathematics learning at different stages in school and undergraduate education</p> <p><u>Chair and Moderator:</u> Inder K Rana, Indian Institute of Technology, Mumbai (Retd) and Emeritus Professor</p>	Auditorium

	<u>Panelists</u> Anup Rajput , Professor, Department of Elementary Education, NCERT Amit Kulshresta , Professor, Department of Mathematics, IISER Mohali Geetika Dutta , Department of Mathematics, DAV Public School, Gurugram	
12:15 pm – 01:30 pm	Keynote Talk 4: Visual and Combinatorial Thinking in Teaching and Learning Mathematics Shailesh Shirali , Director, Teacher Education Centre, Valley School KFI, Bangalore <u>Session chair:</u> Jonaki Ghosh, Department of Elementary Education, Lady Shri Ram College for Women	Main Hall 1st floor
01:30 pm – 02:30 pm	LUNCH BREAK	
02:30 pm – 03:30 pm	Closing session Feedback session Vote of thanks by conference Co-chairs	Main Hall 1st floor