

**Mathematics Teachers’ Association of India – Northern Region Conference**  
**Jointly organised with the**  
**State Council of Educational Research and Training (SCERT), Haryana**  
**and State Institute of Advanced Studies in Teacher Education (SIASTE),**  
**Gurugram, Haryana**

**Conference dates: 31<sup>st</sup> January to 2<sup>nd</sup> February 2025**

**Conference themes**

- Theme 1: Innovations in Mathematics Teaching and Learning: Experiences and Narratives from the Classroom
- Theme 2: Mathematics Education in a Digital Age
- Theme 3: Bridging Gaps in Mathematics Learning
- Theme 4: Mathematics and Computational Thinking
- Theme 5: Teacher Professional Development in Mathematics

**Tentative Programme Schedule**  
**Main Venue: SCERT, Haryana**

Time	Event	Venue
<b>Day 1: Friday, 31st January 2025</b>		
08:30 am – 09:30 am	Registration (Tea and cookies)	
09:30 am – 10:00 am	Inaugural session	
10:00 am – 11:15 am	<b>Keynote 1:</b> Innovative Approaches to Mathematics Education: Project-Based Learning and Classroom Narratives  <i>Professor Shobha Bagai</i> , Director, Cluster Innovation Centre, University of Delhi	
11: 15 am – 12:00 pm	<b>TEA</b> (Setting up of Poster presentations and Exhibition)	
12:00 pm – 01:30 pm	<b>Paper presentation session – I</b> (parallel slots – 8 presentations – 4 each)	
01:30 pm – 2:30 pm	LUNCH BREAK	
	<b>Workshop 1:</b> Create, Visualise and Explore: Transform Mathematics Classroom with Technology (school level)	

02:30 pm – 4:00 pm	<p><b>Sangeeta Gulati</b>, Head, Department of Mathematics, Sanskriti School, Delhi.</p> <p><b>Workshop 2:</b> Experiments in University Mathematics</p> <p><b>Professor Amber Habib</b>, Department of Mathematics, Shiv Nadar Institute of Eminence, Delhi NCR</p>	
04:00 pm – 05:00 pm	TEA	
06:00 pm onwards	Cultural Program & Conference Dinner	
<b>Day 2: Saturday, 1st February 2025</b>		
09:00 am – 10:15 am	<p>Keynote 2: Posing problems for the mathematics classroom</p> <p><b>Prof. R Ramanujam</b>, Azim Premji University, IMSc, Chennai (Retd.)</p>	
10:15 am – 10:45 am	Tea	
10: 45 am – 12:15	Paper presentation Session – II (parallel slots – 10 presentations)	
12:15 pm – 01:15 pm	Poster Presentations and Exhibition	
01:15 pm – 02:15 pm	LUNCH BREAK	
2:15 pm – 3:45 pm	<p>Panel Discussion: Teacher professional development in mathematics</p> <p>Chair and Moderator: TBD</p> <p>Panelists</p> <p><b>Prof. Haneet Gandhi</b>, Central Institute of Education, University of Delhi</p> <p><b>Prof. Jyoti Sharma</b>, Cluster Innovation Centre, University of Delhi</p> <p><b>Dr. Satyanarayan Reddy</b>, Department of Mathematics, Shiv Nadar Institute of Eminence, Delhi NCR</p> <p><b>Dr. Ruchi Kumar</b>, Tata Institute of Social Sciences, Mumbai</p>	
03:45 pm – 04:15 pm	TEA	

04:15 pm – 05:30 pm	<p><b>Workshop 3:</b> Fitting Puzzles into Traditional Teacher-centered Mathematics Classrooms (school level)</p> <p><i>Sunil Bajaj</i>, SCERT Haryana</p> <p><b>Workshop 4:</b> TBD (college level)</p>	
<b>Day 3: Sunday, 2nd February 2025</b>		
09:00 am – 10:15 am	<p><b>Keynote 3:</b> Celebrating Mathematics</p> <p><i>Prof. Fozia Qazi</i>, Islamic University of Science and Technology, Kashmir</p>	
10:15 am – 10:45 am	<b>TEA</b>	
10: 45 am – 12:15 pm	<p><b>Panel discussion:</b> Bridging gaps in mathematics learning</p> <p>Chair and Moderator: <i>Prof. Inder K Rana</i>, Indian Institute of Technology, Mumbai (Retd)</p> <p><i>Prof. Anup Rajput</i>, Department of Elementary Education, NCERT</p> <p><i>Prof. Amit Kulshresta</i>, Department of Mathematics, IISER Mohali</p>	
12:15 pm – 01:30 pm	<p><b>Keynote 4:</b> Visual and Combinatorial Thinking in Teaching and Learning Mathematics</p> <p><i>Dr. Shailesh Shirali</i>, Director, Teacher Education Centre, Valley School KFI, Bangalore</p>	
01:30 pm – 02:30 pm	<b>LUNCH BREAK</b>	
02:30 pm – 04:00 pm	<p style="text-align: center;"><b>Closing session</b></p> <p>MTA presentation</p> <p>Distribution of certificates of participation</p> <p>Vote of thanks by conference Co-chairs</p>	