92nd Annual Conference of the Indian Mathematical Society – An International Meet

South Asian University, New Delhi | December 23–26, 2026 (Council Meeting: December 22, 2026)

PROGRAM SCHEDULE

December 23, 2026 (Wednesday)	
8:30 - 9:45	**Registration**
10:00 - 11:30	*Venue: Hall 1 (TBA)* **Inauguration**
11:30 - 11:45	HIGH TEA
12:00 - 13:00	*Venue: Hall 1 (TBA)* Presidential Address: M. A. Sofi, President, IMS, Kashmir University, Srinagar
13:00 - 14:15	LUNCH
14:15 - 15:15	*Venue: Hall 1 (TBA)* **P1: IMS Plenary Lecture:** Ashok Sen, International Centre for Theoretical Physics (ICTS), Bangalore *Title: to be announced*
15:20 - 16:20	*Venue: Hall 1 (TBA)* **M1: 37th Hansraj Gupta Memorial Award Lecture:** Riddhi Shah, JNU, New Delhi *Title: to be announced*
16:20 - 16:35	TEA-BREAK
16:35 - 17:05	*Venue: Presentation Room (TBA)* **Paper Presentations for IMS Prizes (7 presentations)**
17:10 - 19:40	**Symposia in Parallel sessions (Afternoon, 2 hours 30 minutes)**
	Venue: Hall 1 (TBA) **Symposium: (S1) Number Theory** Convener: Shanta Laishram, ISI New Delhi (2 hours 30 minutes; 30 minutes per talk) 17:10 - 17:40 (S11) K. Srinivas, IISER Tirupati *"On a class of Lebesgue-Ramanujan-Nagell equations"* 17:40 - 18:10 (S12) A. Jakhar, IIT Madras, Chennai *"On monogenity of certain number fields"* 18:10 - 18:40 (S13) Sneha Chaubey, IIIT Delhi *"Local Global Visibility"* 18:40 - 19:10 (S14) Tapas Chatterjee, IIT Ropar *"Mahler's classification and beyond"* 19:10 - 19:40 (S15) Saurabh Kumar Singh, IIT Kanpur *"Four Squares to the Circle Method: A Journey Through Additive Number Theory"*
	Venue: Hall 2 (TBA) **Symposium: (S2) Computational Mathematics: Discrete & Discretization** Convener: Deepa Sinha, SAU New Delhi (2 hours 30 minutes; 30 minutes per talk) 17:10 - 17:40 (S21) Speaker to be announced *Title: to be announced* 17:40 - 18:10 (S22) Speaker to be announced *Title: to be announced* 18:10 - 18:40 (S23) Speaker to be announced *Title: to be announced* 18:40 - 19:10 (S24) Speaker to be announced *Title: to be announced*

	19:10 - 19:40 (S25) Speaker to be announced *Title: to be announced*
20:00	DINNER

December 24, 2026 (Thursday)	
8:30 - 9:00	BREAKFAST
9:00 - 10:00	*Venue: Hall 1 (TBA)* **P2: V. K. Patodi Plenary Lecture:** Paul-Emile Paradan, University of Montpellier, France *Title: to be announced*
10:00 - 10:15	TEA-BREAK
10:15 - 13:15	**Symposia in Parallel sessions (Morning, 3 hours)**
	Venue: Hall 1 (TBA) **Symposium: (S3) Soft Computing, Data Mining, Image Processing** Convener: Sankar Kumar Pal, ISI Kolkata (2 hours 30 minutes; 30 minutes per talk) 10:15 - 10:45 (S31) Santanu Acharjee, Gauhati University *"Soft set theory, hybrid structures, and their possible applications in image processing"* 10:45 - 11:15 (S32) Paramartha Dutta, Visva-Bharati University, Shantiniketan *"Human emotion recognition from face images"* 11:15 - 11:45 (S33) Arun Desari, IIIT Bhubaneswar *"Interpretable deep learning models in remote sensing image classification"* 11:45 - 12:15 (S34) S. B. Nimse, Former Vice Chancellor, SRTM University, Nanded and Lucknow University, Lucknow *Title: to be announced* 12:15 - 12:45 (S35) Sankar K. Pal, ISI Kolkata and IIIT Bhubaneswar *"Granular Deep Learning and Z-numbers: Concept, Models and Applications"*
	Venue: Hall 2 (TBA) **Symposium: (S4) Banach Space Theory and Applications** Convener: Tanmoy Paul, IIT Hyderabad (3 hours; 30 minutes per talk) 10:15 - 10:45 (S41) Uday Shankar Chakroborty, Assam University, Silchar "On some density and Bishop-Phelps-Bollobás type properties of operators with respect to minimum norm" 10:45 - 11:15 (S42) Atanu Manna, Indian Institute of Carpet Technology "Hardy's Inequality and Its Dual: Improvement & Applications" 11:15 - 11:45 (S43) Anil Karn, NISER Bhubaneswar "Norming order units" 11:45 - 12:15 (S44) Deepika, BITS Pilani Hyderabad Campus "Coarse p-limited holomorphic mappings on Banach spaces" 12:15 - 12:45 (S45) Kallol Paul, Jadavpur University, Kolkata "Characterisations of linear isometries via preservation of Birkhoff-James orthogonality" 12:45 - 13:15 (S46) Gopal Datt, PGDAV College, University of Delhi "Property of Banach spaces to derive a spectral property of operators"
13:15 - 14:15	LUNCH
14:15 - 14:45 *Parallel session*	*Venue: Hall 1 (TBA)* **A1: IMS Award Lecture:** Gaurav Bhatnagar (recipient of the A. M. Mathai IMS Award), IIT Jodhpur *"Medical Image Denoising Using Non-Convex TV Regularization with Chebyshev-Optimized ADMM"*
	Venue: Hall 2 (TBA) **A2: IMS Award Lecture:** Indrajit Ghosh (recipient of the Subhash Bhatt IMS Award), Indian Statistical Institute, Bengaluru *"Beyond Murray–von Neumann Affiliation"*
	Venue: Hall 3 (TBA) **A3: IMS Award Lecture:** Shivangi Yadav (recipient of the P. K. Jain IMS Award), IISc Bengaluru

	"Sign regularity preserving linear operators"
14:50 - 16:05	**Contributory Paper Presentations (each talk: 15 minutes), parallel sessions**
	Venue: Presentation Room 1 (TBA) **CP-A: (A) Combinatorics, Graph Theory, Logic, Discrete Mathematics, etc. (5 lectures, 15 minutes each)** 14:50 IMS-2026-023: A1 15:05 IMS-2026-025: A2 15:20 IMS-2026-047: A3 15:35 IMS-2026-xxx 15:50 IMS-2026-xxx
	Venue: Presentation Room 2 (TBA) **CP-B: (B) Algebra, Number Theory, Lattice Theory and History of Mathematics (5 lectures, 15 minutes each)** 14:50 IMS-2026-009: B1 15:05 IMS-2026-010: B2 15:20 IMS-2026-011: B3 15:35 IMS-2026-027: B4 15:50 IMS-2026-xxx
	Venue: Presentation Room 3 (TBA) **CP-C: (C) Real and Complex Analysis (including Special Functions, Summability and Transforms, etc.) and Teaching of Mathematics (5 lectures, 15 minutes each)** 14:50 IMS-2026-032: C1 15:05 IMS-2026-038: C2 15:20 IMS-2026-xxx 15:35 IMS-2026-xxx 15:50 IMS-2026-xxx
	Venue: Presentation Room 4 (TBA) **CP-D: (D) Functional Analysis, Measure Theory, Probability Theory and Stochastic Processes, and Information Theory (5 lectures, 15 minutes each)** 14:50 IMS-2026-001: D1 15:05 IMS-2026-036: D2 15:20 IMS-2026-xxx 15:35 IMS-2026-xxx 15:50 IMS-2026-xxx
16:25 - 16:40	TEA-BREAK
16:45 - 18:00	**Contributory Paper Presentations (each talk: 15 minutes), parallel sessions**
	Venue: Presentation Room 1 (TBA) **CP-E: (E) Differential / Integral / and Functional Equations (5 lectures, 15 minutes each)** 16:45 IMS-2026-022: E1 17:00 IMS-2026-xxx 17:15 IMS-2026-xxx 17:30 IMS-2026-xxx 17:45 IMS-2026-xxx
	Venue: Presentation Room 2 (TBA) **CP-F: (F) Geometry and Topology (5 lectures, 15 minutes each)** 16:45 IMS-2026-026: F1 17:00 IMS-2026-034: F2 17:15 IMS-2026-xxx 17:30 IMS-2026-xxx

	17:45 IMS-2026-xxx
	Venue: Presentation Room 3 (TBA) **CP-G: (G) Numerical Analysis, Approximation Theory and Computer Science (5 lectures, 15 minutes each)** 16:45 IMS-2026-xxx 17:00 IMS-2026-xxx 17:15 IMS-2026-xxx 17:30 IMS-2026-xxx 17:45 IMS-2026-xxx
	Venue: Presentation Room 4 (TBA) **CP-H: (H) Solid Mechanics, Fluid Mechanics, Astrophysics and Relativity, and related areas (5 lectures, 15 minutes each)** 16:45 IMS-2026-006: H1 17:00 IMS-2026-007: H2 17:15 IMS-2026-008: H3 17:30 IMS-2026-xxx 17:45 IMS-2026-xxx
	Venue: Presentation Room 5 (TBA) **CP-I: (I) Mathematical Modelling, Bio-Mathematics, Operations Research, etc. (5 lectures, 15 minutes each)** 16:45 IMS-2026-002: I1 17:00 IMS-2026-003: I2 17:15 IMS-2026-004: I3 17:30 IMS-2026-005: I4 17:45 IMS-2026-xxx
18:35 - 19:05 *Parallel session*	*Venue: Hall 1 (TBA)* **(IL1) Invited Lecture:** Andre Leroy, Université d'Artois, Lens, France *Title: to be announced*
	Venue: Hall 2 (TBA) **(IL2) Invited Lecture (online):** Eddie Cheng, Oakland University, USA *Title: to be announced*
19:30 - 22:00	Cultural Program (2 hours 30 minutes)
22:00	DINNER

December 25, 2026 (Friday)	
8:30 - 9:00	BREAKFAST
9:00 - 10:00	*Venue: Hall 1 (TBA)* **M2: 40th P. L. Bhatnagar Memorial Award Lecture:** Thirupathi Gudi, IISc Bengaluru *Title: to be announced*
10:00 - 10:15	TEA-BREAK
10:15 - 11:15	*Venue: Hall 1 (TBA)* **M3: 37th Srinivasa Ramanujan Memorial Award Lecture:** Pirzada Shariefuddin, Kashmir University, Srinagar *Title: to be announced*
11:20 - 11:50 *Parallel session*	*Venue: Hall 1 (TBA)* **(IL3) Invited Lecture:** S. K. Jain, Ohio University, USA *Title: to be announced*
	Venue: Hall 2 (TBA) **(IL4) Invited Lecture:** Meenakshi Rana, TIET Patiala *Title: to be announced*
12:45 - 13:45	LUNCH
13:45 - 14:15 *Parallel session*	*Venue: Hall 1 (TBA)* **A4: A. Narsinga Rao Memorial Prize Lecture:** Gaurav Sawant (recipient of the A. Narsinga Rao Memorial Prize 2026), Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, Mumbai *"A Geometric Approach To Dirichlet's Theorem"*
	Venue: Hall 2 (TBA) **A5: IMS Award Lecture:** Ayan Ghosh (recipient of the A. K. Agarwal IMS Award), Indian Association for the Cultivation of Science, Kolkata *"Characterizing infinite torsion subgroups of the circle via arithmetic-type sequences"*
14:20 - 14:50 *Parallel session*	*Venue: Hall 1 (TBA)* **A6: IMS Award Lecture:** Sanchita Pramanik (recipient of the J. B. Shukla IMS Award), NIT Meghalaya, Shillong *"Couette–Poiseuille flow of variable viscosity in a multilayered channel partially filled with a homogeneous anisotropic porous layer: Role of the glycocalyx in attenuating shear stress on endothelial cells"*
	Venue: Hall 2 (TBA) **A7: IMS Award Lecture:** A. V. Sonawane (recipient of the B. N. Waphare IMS Award), Government College of Arts and Science, Chhatrapati Sambhajinagar *"On r-factors with components containing specified vertices in a torus"*
15:30 - 16:00 *Parallel session*	*Venue: Hall 1 (TBA)* **(IL5) Invited Lecture:** Krishnendu Gangopadhyay, IISER Mohali *Title: to be announced*
	Venue: Hall 2 (TBA) **(IL6) Invited Lecture:** V. S. S. Y. (Yedida) Sanyasiraju, IIT Madras *Title: to be announced*
	Venue: Hall 3 (TBA) **(IL7) Invited Lecture:**

	P. D. N. Srinivasu, Andhra University, Visakhapatnam "Modeling single species dynamics: An experimental scientist's perspective"
16:00 - 16:15	TEA-BREAK
16:45 - 18:00	**Contributory Paper Presentations (each talk: 15 minutes), parallel sessions**
	Venue: Presentation Room 1 (TBA) **CP-A: (A) Combinatorics, Graph Theory, Logic, Discrete Mathematics, etc. (5 lectures, 15 minutes each)** 16:45 IMS-2026-049: A4 17:00 IMS-2026-050: A5 17:15 IMS-2026-xxx 17:30 IMS-2026-xxx 17:45 IMS-2026-xxx
	Venue: Presentation Room 2 (TBA) **CP-B: (B) Algebra, Number Theory, Lattice Theory and History of Mathematics (5 lectures, 15 minutes each)** 16:45 IMS-2026-028: B5 17:00 IMS-2026-029: B6 17:15 IMS-2026-030: B7 17:30 IMS-2026-031: B8 17:45 IMS-2026-xxx
	Venue: Presentation Room 3 (TBA) **CP-C: (C) Real and Complex Analysis (including Special Functions, Summability and Transforms, etc.) and Teaching of Mathematics (5 lectures, 15 minutes each)** 16:45 IMS-2026-041: C3 17:00 IMS-2026-045: C4 17:15 IMS-2026-xxx 17:30 IMS-2026-xxx 17:45 IMS-2026-xxx
	Venue: Presentation Room 4 (TBA) **CP-D: (D) Functional Analysis, Measure Theory, Probability Theory and Stochastic Processes, and Information Theory (5 lectures, 15 minutes each)** 16:45 IMS-2026-048: D3 17:00 IMS-2026-xxx 17:15 IMS-2026-xxx 17:30 IMS-2026-xxx 17:45 IMS-2026-xxx
	Venue: Presentation Room 5 (TBA) **CP-E: (E) Differential / Integral / and Functional Equations (5 lectures, 15 minutes each)** 16:45 IMS-2026-039: E2 17:00 IMS-2026-xxx 17:15 IMS-2026-xxx 17:30 IMS-2026-xxx 17:45 IMS-2026-xxx
18:05 - 19:20	**Contributory Paper Presentations (each talk: 15 minutes), parallel sessions**
	Venue: Presentation Room 1 (TBA) **CP-F: (F) Geometry and Topology (5 lectures, 15 minutes each)** 18:05 IMS-2026-035: F3 18:20 IMS-2026-044: F4 18:35 IMS-2026-xxx

	18:50 IMS-2026-xxx 19:05 IMS-2026-xxx
	Venue: Presentation Room 2 (TBA) **CP-G: (G) Numerical Analysis, Approximation Theory and Computer Science (5 lectures, 15 minutes each)** 18:05 IMS-2026-xxx 18:20 IMS-2026-xxx 18:35 IMS-2026-xxx 18:50 IMS-2026-xxx 19:05 IMS-2026-xxx
	Venue: Presentation Room 3 (TBA) **CP-H: (H) Solid Mechanics, Fluid Mechanics, Astrophysics and Relativity, and related areas (5 lectures, 15 minutes each)** 18:05 IMS-2026-012: H4 18:20 IMS-2026-018: H5 18:35 IMS-2026-024: H6 18:50 IMS-2026-xxx 19:05 IMS-2026-xxx
	Venue: Presentation Room 4 (TBA) **CP-B: (B) Algebra, Number Theory, Lattice Theory and History of Mathematics (5 lectures, 15 minutes each)** 18:05 IMS-2026-033: B9 18:20 IMS-2026-037: B10 18:35 IMS-2026-040: B11 18:50 IMS-2026-042: B12 19:05 IMS-2026-xxx
	Venue: Presentation Room 5 (TBA) **CP-I: (I) Mathematical Modelling, Bio-Mathematics, Operations Research, etc. (5 lectures, 15 minutes each)** 18:05 IMS-2026-014: I5 18:20 IMS-2026-015: I6 18:35 IMS-2026-016: I7 18:50 IMS-2026-017: I8 19:05 IMS-2026-xxx
20:00	DINNER

December 26, 2026 (Saturday)	
8:30 - 9:00	BREAKFAST
9:00 - 10:00	*Venue: Hall 1 (TBA)* **M4: 37th V. Ramaswamy Aiyer Memorial Award Lecture:** Jaydeb Sarkar, ISI Bangalore *"Schur functions – A brief survey"*
10:05 - 10:35 *Parallel session*	*Venue: Hall 1 (TBA)* **A8: IMS Award Lecture:** Abhishek Sharma (recipient of the S. B. Nimse IMS Award), NIT Arunachal Pradesh *"Neural Network Prediction of Heat and Mass Transfer in Viscous Flow over a Curved Surface"*
	Venue: Hall 2 (TBA) **A9: IMS Award Lecture:** Kumari Priyanka (recipient of the R. S. Pathak IMS Award), IIT Dhanbad *"Construction of Irregular Complete Interpolation Sets for Shift-Invariant Spaces"*
10:35 - 10:50	TEA-BREAK
10:50 - 12:00	**Contributory Paper Presentations (each talk: 15 minutes), parallel sessions**
	Venue: Presentation Room 1 (TBA) **CP-B: (B) Algebra, Number Theory, Lattice Theory and History of Mathematics (5 lectures, 15 minutes each)** 10:50 IMS-2026-043: B13 11:05 IMS-2026-046: B14 11:20 IMS-2026-051: B15 11:35 IMS-2026-052: B16 11:50 IMS-2026-xxx
	Venue: Presentation Room 2 (TBA) **CP-I: (I) Mathematical Modelling, Bio-Mathematics, Operations Research, etc. (5 lectures, 15 minutes each)** 10:50 IMS-2026-019: I9 11:05 IMS-2026-020: I10 11:20 IMS-2026-021: I11 11:35 IMS-2026-xxx 11:50 IMS-2026-xxx
12:00 - 13:00	*Venue: Hall 1 (TBA)* General Body Meeting
13:00 - 13:30	*Venue: Hall 1 (TBA)* **Valedictory Function**
13:30 - 14:30	LUNCH