



INDIAN ACADEMY OF SCIENCES
Bengaluru

37th Mid-Year Meeting
3–4 July 2026

Venue: Faculty Hall, Indian Institute of Science, Bengaluru

PROGRAMME

03 July 2026 (Friday)

09:00-09:30 Registration

**Live
Streaming**

<https://youtube.com/live/yd01eMGT0Vs?feature=share>

09:30-10:10 Session 1A: Special Lecture

Chairperson: Meena Mahajan, IMSc, Chennai

Pradip Dutta, IISc, Bengaluru

Digital Transformation and Environmental Sustainability

10:10-11:00 Session 1B: Inaugural Lectures by Fellows/Associates

Chairperson: C Pulla Rao, SRM University, Guntur

10:10-10:30 Subroto Mukerjee, IISc, Bengaluru

Electron Hydrodynamics: When Electrons in a Wire Flow Like Water through a Pipe

10:35-10:55 Rusa Mandal, IIT Gandhinagar, Gandhinagar

From Quarks to New Physics: Lessons from B Meson

11:00-11:20 Tea Break

11:20-13:00 Session 1C: Inaugural Lectures by Fellows/Associates

Chairperson: V Prakash, Formerly CSIR and CFTRI, Mysuru

11:20-11:40 Prasanta K Das, IACS, Kolkata

Fluorescent Organic Nanostructures in Oxidoreductase Enzyme Assisted Diagnosis of Cancer

11:45-12:05 Sandhya Shenoy, Srinivas University, Mangaluru

Electronic Structure Engineering for the Development of High-Performance Thermoelectric Materials

12:10-12:30 G Jagadeesh, IISc, Bengaluru

Shocking Waves – Healing Touch!

12:35-12:55 Yogesh M Joshi, IIT Kanpur, Kanpur

Different Shades of Thixotropy

13:00-14:30 Lunch Break – Venue: Lawn, IISc Main Guest House

**Live
Streaming**

https://youtube.com/live/snytRP_vKTE?feature=share

14:30-16:30	Session 1D: Inaugural Lectures by Fellows/Associates Chairperson: Analabha Basu, NIBMG, Kalyani
14:30-14:50	K Subramaniam, IIT Madras, Chennai PLP-1 / PURA – An RNA-Granule Component with Roles in Small RNA-Mediated Gene Regulation
14:55-15:15	Naveen C Bisht, NIPGR, New Delhi Precision Breeding of Indian Oilseed Mustard Through Genome Editing
15:20-15:40	Munia Ganguli, IGIB, New Delhi Building Targeted Non-Viral Gene Delivery Systems
15:45-16:05	Shuvadeep Ganguly, AIIMS, Kalyani Understanding Supportive Therapy in Cancer to Bridge the Survival Gap
16:10-16:30	S C Raghavan, IISc, Bengaluru The Molecular Basis of Chromosomal Translocations: Roles of DNA Conformation and Immune Machinery
16:35-17:15	High Tea
Live Streaming	https://youtube.com/live/0rJOeo8podY?feature=share
17:30-18:30	Session 1E: Public Lecture Chairperson: Raghavan Varadarajan, IISc, Bengaluru (President, IASc) Seema Alavi, Ashoka University, Sonipat Entangled Histories: Unani Medicine, Religion and Politics in British India
19:00	Dinner – Venue: Lawn, Raman Research Institute

04 July 2026 (Saturday)

Live Streaming	https://youtube.com/live/-Ek4NTASs3s?feature=share
09:30-11:30	Session 2A: Symposium on Artificial Intelligence in Health Conveners: Somdatta Sinha, IISER Kolkata, Nadia and Narendra Dixit, IISc, Bengaluru
09:30-09:40	Introduction to the Symposium
09:40-10:00	Nisheeth Srivastava, IIT Kanpur, Kanpur BODH – A New Way of Validating AI Models for Health
10:00-10:20	Sushmita Mitra, ISI, Kolkata Artificial Intelligence in Healthcare
10:20-10:40	Geetha Manjunath, Niramai Health Analytix Pvt Ltd, Bengaluru Affordable and Portable Breast Cancer Screening Test Powered by AI
10:40-11:00	Nagasuma Chandra, IISc, Bengaluru Decoding Immune Response Patterns across Diseases Using Artificial Intelligence and Omics
11:00-11:20	Oishee Mazumder, TCS Research, Kolkata From AI to Actionable Physiology: Digital Twins for Precision and Personalized Healthcare
11:20-11:30	Summary and Closing Remarks

11:30-12:00	Tea Break
12:00-13:00	Session 2B: Inaugural Lectures by Fellows/Associates Chairperson: Janendra K Batra, NICHDR, New Delhi
12:00-12:20	Sikhar Patranabis, IBM Research India, Bengaluru Recent Advances in Post-Quantum Cryptography
12:25-12:45	Santosh Chauhan, CCMB, Hyderabad Programmed Cell Revival: Redefining the Borders of Cellular Life, Death, and Tissue Regeneration
12:50-13:10	Akshit Goyal, ICTS, Bengaluru Towards a Theory of the Evolution of Ecosystems
13:15	Lunch – Venue: Lawn, IISc Main Guest House

Scan for venue:



IISc Main Guest House



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