



**India Science
Festival**



FAST
INDIA

Presents

India Science Festival 2025

Ideas to Impact: Science for the People

IN PARTNERSHIP WITH



THE WORLD'S
FAVOURITE
INDIAN



65+ Talks

Talks and panel discussions with global leaders from MIT, Harvard, IIT's, IISc and more!

25+ exhibits

Exhibits on Large Hardon Collider, Robotics showcase, Drones, Escape Room and more!

Rs 5 lakh+

Worth of prizes to be won in Games, Competitions and Lucky Draw!

www.indiasciencefest.org/isf-2025

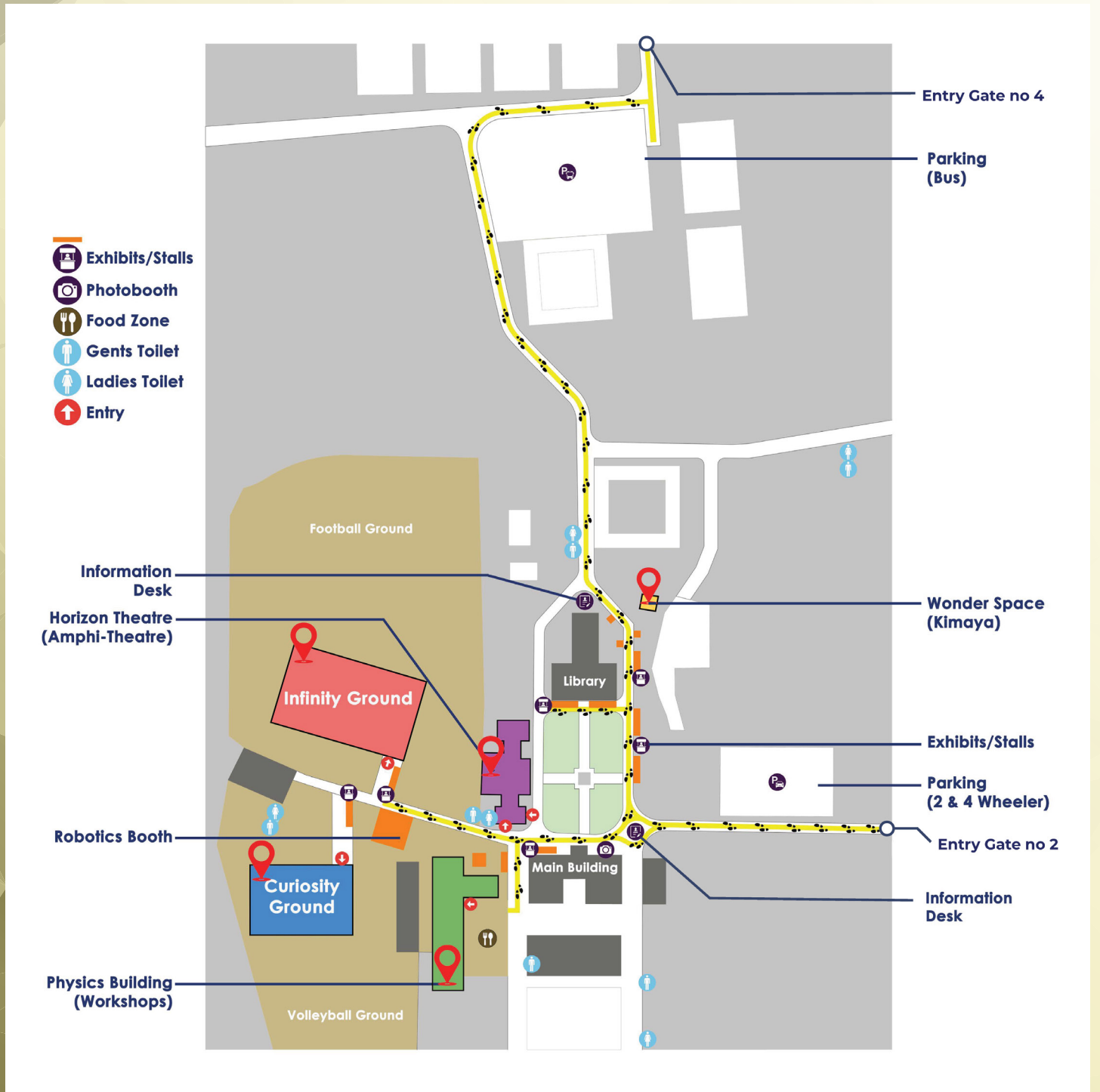
Time	Infinity Ground	Curiosity Field	Horizon Theatre	Wonder Space
9:45 AM to 11:10 AM	Inaugural session on the theme, Ideas to Impact: Science for the people. Launch of Science Perception Survey			
11:15 AM to 12:00 PM	Inside-Out: How Topology Shapes The Future of Materials Prof. Sumathi Rao (International Centre for Theoretical Sciences)	A doctor in your pocket: AI delivers medical expertise anytime, anywhere Dr. Vivek Natarajan (Google)		
12:05 PM to 12:50 PM	Energy, efficiency and pioneering an electric future Swapnil Jain (Ather energy)	Why Bookworms Will Save The World: Science Stories That Stick Vaishali Shroff (Author), Aakash Ranison (Author), Karthik Venkatesh (Penguin Random House India) <i>Sayantan Datta (Krea University)</i>	Bharatanatyam Performance Vivarta: Transformations Concept and choreography by Sujatha Srinivasan and Dr. Shriya Srinivasan, (Harvard University)	The Different Ways We Look at Wildlife Raza Kazmi (Wildlife Historian), Nandini Rajamani (Biology Department, IISER Tirupati), Sudarshan Shaw (Wildlife Illustrator) <i>Anusheela Chatterjee (TIFR-H)</i>
12:55 PM to 1:40 PM	Debate: All living cells possess a form of sentience Poonam Thakur (IISER TVM) & S P Arun (IISc), <i>Suhita Nadkarni (IISER Pune)</i>	The Two Ways of Being in The World of Quantum: Fermions to Bosons and Back Dr. Nayana Shah (Washington University in St. Louis)	Science Meeting Humanity: Transforming Global Health Umesh Shaligram (Serum Institute), Anantharaman Iyer (ICT, IHAT), Prachi Shukla (World Health Partners) <i>Dr. Harish Iyer (BMGF)</i>	Drawing Competition Dr Parshati Patel (Astrophysicist, Author and Artist)
1:45 PM to 2:30 PM	From Pessimism to Promise: Optimism Could Be The Most Radical View of Technology Yet Prof. Payal Arora (Utrecht University), <i>Sayantan Datta (Krea University)</i>	Unsolved Problems in Physics in the 21st Century Dr. Debarati Chatterjee (IUCAA), Dr. Nayana Shah (Washington University in St. Louis), <i>Dr. Debdutta Paul (ICTS)</i>	Stretching Limits with Flexible Electronics in Healthcare Dr. Tushar Sakorikar (BITS Pilani, Goa)	
2:35 PM - 2:50 PM	BREAK			
2:55 PM to 3:40 PM	Monkey See, AI Do: Learning Intelligence the Natural Way Dr. Lav Varshney (University of Illinois - Urbana Champaigne)	Green Vehicles: India's strategy for the future Swapnil Jain (Ather Energy), Dr. Priyadarshi Panda (Int. Battery Company), Ramtilak Ananthan (Bajaj Auto) Vishwanath Bhagwat (Bajaj Auto), <i>Sharada Balasubramanian (Journalist)</i>	Maths Maths Everywhere: From Equation to Images Prof. Sujatha Ramdorai (University of British Columbia)	10 Indian Scientists Whose Extraordinary Work You May Not Know Vaishali Shroff (Author), <i>Varuni P (The Institute of Mathematical Sciences)</i>
3:45 PM to 4:30 PM	How to Prevent Plastic Pollution: The Importance of Upstream Solutions Dr. Sedat Gundogdu (University of Cukurova)	Quantum: Buzzing with Ideas We Must Not Miss the Bus Prof. Sumathi Rao (International Centre for Theoretical Sciences), Joy Bhattacharjee (QuDyCo), Pranab Dutta (GDQ Labs) <i>Dr. Krishna Ravi Srinivas (NALSAR Law)</i>	Wearable robotics: Empowering Mobility, Restoring Lives Dr. Shubhendu Bhasin (IIT Delhi)	Science Quiz Quizmaster Berty Ashley
4:35 PM to 5:20 PM	Harnessing the Sun with Nanotechnology to Combat Climate Change Prof. Vivek Polshettiwar (TIFR-M)	Unlocking the Gut's Brain with Ingestible Bioelectronics Dr. Shriya Srinivasan (Harvard University)	Invisible Allies: How Microbes Can Help Save Us – and the Planet Prof. Shilpi Sharma (IIT Delhi), Dr. Yogesh Shouche (SKAN Research Trust), Dr. Anwesha Ghosh (IISER Kolkata) <i>Sahana Ghosh (Nature India)</i>	
5:30 PM to 6:30 PM	Keynote Session Baba Kalyani, Bharat Forge			

12 January 2025

Time	Infinity Ground	Curiosity Field	Horizon Theatre	Wonder Space
10:00 AM to 10:45 AM	IIT Madras Case Study Launch and Panel Discussion Universities: Converting Research into Products of Futures			
10:50 AM to 11:35 AM	Truth & Evidence: Public Communication & Science in the Era of Misinformation Prof. Kasisomayajula Viswanath (Harvard University)	Live Band performance on the periodic table and a new single on Artificial Intelligence by Berty Ashley and Band Groove BLR	Mission: Possible – How Australia is Powering Industries with Science! Dr. Alex Cooke (Astronomy Australia Ltd)	
11:40 AM to 12:25 PM	The New Age Professor: Entrepreneurs, Science Communicators and Influencers! Dr. Poonam Thakur (IISER Tvm), Prof. Gaurav Raina (IIT M), Prof. Vishal Rai (IISER Bhopal, Plabeltech) <i>Dr. Karishma Kaushik (IndiaBioscience)</i>	Product Based Approach to Building the Future of Energy Dr. Priyadarshi Panda (International Battery Company)	United We (Under)stand Dr. Joao Antunes Pequenaos (CERN) From India To CERN Dr. Chetna Krishna (CERN)	I'm a Climate Optimist Aakash Ranison (Author) <i>Dr. Chhavi Mathur (Independent Consultant)</i>
12:30 PM to 1:15 PM	Startup Stars of AI: Challenges, Wins, and Impact Rana Vivek Singh (Magicroll), Ravish Kumar (Google), Anita Kulkarni Puranik (Metamagics), Rajeev Jorapur (Bajaj Auto Ltd) <i>Shailendra Nath Jha (Change Engine)</i>	Science, Art and History Prof. Projit Bihari Mukharji (Ashoka University), Kaldi Moss (Audio Visual Artist), Dorje Angchuk (IIA) <i>TV Venkateswaran (IISER Mohali)</i>	Understanding the Indian Gene Pool to Improve Public Health Prof. K Thangaraj (CCMB)	Games and Competitions Science Pictionary Competition by Shivangni Rani, FAST India
1:20 PM to 2:05 PM	From Lab to Market: An Entrepreneurial Story Dr. David-Cohen Tanugi (Massachusetts Institute of Technology (MIT))	The Imprints of Early life stress- how the brain and body keeps score Prof. Vidita Vaidya (TIFR-M)	Can We Stop Using Fossil Fuels to Build a Sustainable World? Prof. Ashish Garg (IIT Kanpur)	
2:05 PM - 2:15 PM	BREAK			
2:20 PM to 3:05 PM	Building with LLMs: PoC to Production Tanuja Ganu (Microsoft) <i>Kuldeep Yadav (SHL)</i>	The Cancer Puzzle: Human Behaviour-Inspired Solutions Prof. Vishal Rai (IISER Bhopal, Plabeltech)	Inclusive AI Lab Prof Payal Arora (Utrecht University), Laura Herman (Adobe) <i>Dr. Krishna Ravi Srinivas (NALSAR Law)</i>	
3:10 PM to 3:55 PM		Guardians Of The Deep Sea: Tales of Ocean Conservation Dr. Sedat Gundogdu (University of Cukurova), Tejonmayam (Times of India), Dr. Anvesha Ghosh (IISER Kolkata) <i>Sahana Ghosh (Nature India)</i>		The Nukkad Theory: What happens when Science Meets Stage? A JAM session & competition! Deepanshi Karwall, The Nukkad Theory, University of Manchester Archana Jaiswal, The Nukkad Theory, University of Delhi
4:00 PM to 4:45 PM	Creation or Curation? New Forms of Creativity in the Age of AI Laura Herman (Adobe)	Stem Cells - The World Within Dr. Deepa Subramanyam (National Centre for Cell Science)	Science Theatre Between Cells and Systems: Scientific Journeys of Discovery from India Swatantrata Theatre	
4:50 PM to 6:30 PM	The Best of Unbounded Science (BoUnSc) An exciting showcase of science through stunning photography, science fiction stories, and dynamic presentations Hosted by Prashasti Singh			

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