INDIAN ACADEMY OF SCIENCES

(A professional autonomous body under the Department of Science and Technology, Govt. of India)

92nd ANNUAL MEETING

13–14 November, 2026

Host: National Centre for Earth Science Studies, Akkulam, Thiruvananthapuram, Keralam

PROGRAMME

All Technical Sessions will be held at Nila Auditorium, 'Gangotri Block'

13 NOVEMBER 2026 (FRIDAY)

TIME	SESSION / EVENT	DETAILS / SPEAKERS / VENUE
0845–0915 **0900–0915**	**Registration** **Inauguration of Nila Auditorium**	Gangotri Block
0915–0940	**0915–0920 : Remarks by Secretary, MoES** **0920–0925 :Remarks by NCESS, Director** **0925–0940 : Introduction of Fellows and Associates**	
0940–1020 **1020–1030**	**Session 1A - Presidential Address** **Raghavan Varadarajan, IISc, Bengaluru** Understanding and Modulating Gene Function through Mutational Scanning **Discussion**	
livestreaming link: https://youtube.com/live/BDuswUQIaCQ?feature=share		
1030-1045	**GROUP PHOTOGRAPHY**	
1045–1115	**Tea Break**	
1115–1235	**Session 1B – Lectures by Fellows/Associates** **Chairperson: Daya Shankar Pandey, BHU Varanasi**	1115–1135 **Vandana Bhalla, GNDU, Amritsar** Understanding the Regulation of Self-assembly of Donor-Acceptor Systems in Mixed Aqueous Media 1135–1155 **Maya Shankar Singh, BHU, Varanasi** Organic Chemistry towards Health and Society: Chemical Psychology of Heterocycles 1155–1215 **D Srinivasa Reddy, IICT, Hyderabad** Efforts in Drug Discovery through Natural Products and Silicon-Incorporation Approach

TIME	SESSION / EVENT	DETAILS / SPEAKERS / VENUE
		1215–1235 **Praveen Vemula, inSTEM, Bengaluru** Developing Technologies for Protecting Farmers from Pesticide-Induced Toxicity and Lethality
livestreaming link: https://youtube.com/live/BDuswUQIaCQ?feature=share		
1235–1330	**Lunch Break**	
1330–1555	**Session 1C – Special Session on "Blue Economy and Advances in Deep Ocean Research"** **Chairperson: V K Gaur, CSIR Fourth Paradigm Institute, Bengaluru**	1330–1350 **M Ravichandran, IIT Madras** Oceans as Opportunities, Seas of Challenges: Building a Resilient Blue Economy for India 1350–1410 **T Srinivasa Kumar, MoES, New Delhi** Indian Ocean Tsunami Warning and Mitigation System - Towards Tsunami Resilience 1410–1430 **K S Krishna, Chinaogirila, Krishna Dt., Andhra Pradesh** The Laxmi Basin Paradox: An Investigation of Invisible Truth 1430–1445 **D Shankar, NIO, Goa** The Gap between Perceptual and Conceptual Models: Measuring all that Matters in the Marine Ecosystem
1450–1555	**Panel Discussion on 'Frontiers in Earth System Science'** **Moderator: N V Chalapathi Rao, Director, NCESS, Thiruvananthapuram**	Panelists: **V K Gaur; R Srinivasan; Talat Ahmad; S S C Shenoi; Parthasarathi Mukhopadhyay; D Nagesh Kumar**
livestreaming link: https://youtube.com/live/JCgbjnYRv9o?feature=share		
1555–1620	**Tea Break**	

TIME	SESSION / EVENT	DETAILS / SPEAKERS / VENUE
1620–1700	**Session 1D – Lectures by Fellows/Associates** **Chairperson:** **E D Jemmis, IISc, Bengaluru**	1620–1640 **Nirmalya Ghosh, IISER Kolkata** Spin Orbit Interaction and Weak measurements in Plasmonic Metamaterials: A Classical-Quantum Handshake 1640–1700 **Sattwick Haldar, IIT Tirupati** Li–Organopolysulfide Batteries: Opening New Avenues in Battery Chemistry
livestreaming link: https://youtube.com/live/JCgbjnYRv9o?feature=share		
1700–1800	**Business Meeting of Fellows**	**Venue: Pamba Auditorium, Science Block**
1830–1930	**Session 1E – Special Lecture** **Chairperson: Raghavan Varadarajan, IISc, Bengaluru**	**U K Anandavardhanan, IIT Bombay** Legendre Polynomials in Number Theory
livestreaming link: https://youtube.com/live/JCgbjnYRv9o?feature=share		
1930 hrs onwards	**Dinner at NCESS**	

14 NOVEMBER 2026 (SATURDAY)

TIME	SESSION / EVENT	DETAILS / SPEAKERS / VENUE
0900–1040	**Session 2A – Lectures by Fellows/Associates** **Chairperson: Sanoli Gun, IMSc, Chennai**	0900–0920 **Jaydeb Sarkar, ISI, Bengaluru** Linear and Complex Analysis with Applications 0920–0940 **C Ramya, IMSc, Chennai** Multiple Facets of Computational Complexity 0940–1000 **Deepankar Choudhury, IIT Bombay** Geotechnical Earthquake Engineering for Sustainable Foundations of Mega-Infrastructures: Transformative Research into Practice 1000–1020 **Bhuvaneswari Gurumoorthy, Mahindra University, Hyderabad** Power Electronics: A Technology Enabling Sustainability

TIME	SESSION / EVENT	DETAILS / SPEAKERS / VENUE
		1020–1040 **Swathy Manohar, IIT Bombay** Bridging Eras: Reviving Historical Construction Practices and Scientific Approaches for Heritage Conservation
livestreaming link: https://youtube.com/live/7P7c7Kq5ydQ?feature=share		
1040–1100	**Tea Break**	
1100–1240	**Session 2B – Lectures by Fellows/Associates** **Chairperson: S K Apte, University of Mumbai**	1100–1120 **Ranjini Bandyopadhyay, RRI, Bengaluru** Elasticity-mediated Morphogenesis in Interfacial Colloidal Assemblies 1120–1140 **Akshay Singh, IISc, Bengaluru** 2D Materials for Novel Physics and Emerging Quantum Technologies 1140–1200 **Rashna Bhandari, CDFD, Hyderabad** Protein Pyrophosphorylation by Inositol Pyrophosphates – A Unique Post-Translational Modification 1200–1220 **Anurag Agrawal, Ashoka University, Sonepat** Norm, Normal, Normative: Evaluating Lower Lung Function in Indians 1220–1240 **Anant Jain, CHINTA, Kolkata** Plasticity Mechanisms Underlying Spatial Memories
livestreaming link: https://youtube.com/live/7P7c7Kq5ydQ?feature=share		
1240–1400	**Lunch Break**	

TIME	SESSION / EVENT	DETAILS / SPEAKERS / VENUE
1400–1600	**Session 2C – Special Session on "Public Health"** **Convener: Saumitra Das, IISc, Bengaluru**	1400–1410 **Saumitra Das, IISc, Bengaluru** Opening remarks: Pandemic Preparedness 1410–1435 **E Sreekumar, RGCB, Thiruvananthapuram** From Endemic Rabies to Emerging Nipah in Kerala: E2E Preparedness through Translational Virology 1435–1500 **T S Anish, Kerala University of Health Sciences, Thrissur** Threats and Resilience Interfaces for Zoonotic Outbreaks: The Kerala Experience 1500–1525 **Pragya Yadav, NIV, Pune** Enhancing Outbreak and Syndromic Surveillance through a One Health Approach 1525–1550 **Sudhanshu Vrati, RCB, Faridabad** Chikungunya Virus: A Major Emerging and Re-emerging Virus 1550–1600 Discussion
livestreaming link: https://youtube.com/live/0hmBXPb9mmM?feature=share		
1600–1630	**High Tea**	
1630–1730	**Session 2D – Public Lecture** **Chairperson: Raghavan Varadarajan, IISc, Bengaluru**	**K Jayakumar, IAS (Retd), Former Chief Secretary, Government of Kerala** Has the Kerala Model of Development Outlived its Relevance?
livestreaming link: https://youtube.com/live/dmbqXve8LpU?feature=share		
1830–1945	**Cultural Program – A Celebration of Kerala's Traditional Heritage**	Confluence, Hotel Hycinth
2000 hrs	**Dinner**	Confluence, Hotel Hycinth

IMPORTANT INFORMATION

LOCAL ORGANISING COMMITTEE (LOC)

Conveners (LOC)

Dr. Tomson J. Kallukalam, Scientist-F & Group Head, Solid Earth Research Group, NCESS
(Mob: 9496539294, Email: tomson.jk@ncess.gov.in)

Dr. Reji Srinivas, Scientist-E & Group Head, Marine Science Group, NCESS
(Mob: 9846223737, Email: reji.srinivas@ncess.gov.in)

LIST OF LOC WORKING COMMITTEE MEMBERS

1. **Transport Committee**
   (1) Dr. Ramesh Madipally, Scientist-D (Coordinator) (9059639911, ramesh.madipally@ncess.gov.in)
   (2) Dr. Rudra Mohan Pradhan, Scientist-B (9897754554, rudra.pradhan@ncess.gov.in)
2. **Hospitality & Accommodation Committee**
   (1) Sri. Badimela Upendra, Scientist-D (Coordinator) (6282242976, upendra.b@ncess.gov.in)
   (2) Sri. Thatikonda Suresh Kumar, Scientist-D (9390881584, suresht@ncess.gov.in)
3. **Food & Catering Committee**
   (1) Dr. Sreelash K, Scientist-D (Coordinator) (8903032944, k.sreelash@ncess.gov.in)
   (2) Dr. Prajith A, Scientist-D (9637783408, prajith.a@ncess.gov.in)
4. **Venue Management Committee**
   (1) Dr. Rajat Kumar Sharma, Scientist-D (Coordinator) (9452649454, rk.sharma@ncess.gov.in)
   (2) Dr. Dharmadas Jash, Scientist-D (8921406045, dharmadas.jash@ncess.gov.in)
5. **Scientific Programme & Technical Sessions Committee**
   (1) Dr. Padma Rao B, Scientist-D (Coordinator) (9493388756, padmarao.b@ncess.gov.in)
   (2) Dr. Amal Dev J A, Scientist-B (8281440035, amaldev.j@ncess.gov.in)
6. **Spouse Programme Committee**
   (1) Dr. Sneha Mukherjee, Scientist-B (Coordinator) (9432445067, sneha.m@ncess.gov.in)
   (2) Dr. Manojit Koley, Scientist-B (9875667127, manojit.k@ncess.gov.in)
7. **Cultural Programme Committee**
   (1) Dr. Anoop Krishnan K, Scientist-E (Coordinator) (9400491122, sree.anoop@ncess.gov.in))
   (2) Sri. Vibin P B, Scientific Assistant Gr. B (9400973435, pb.vibin@ncess.gov.in)
8. **Reception Committee & General Help Desk**
   (1) Dr. Resmi E A, Scientist-E (Coordinator) (9995824612, resmi.ea@ncess.gov.in)
   (2) Sri. Prasenjit Das, Scientist-D (9654702337, prasenjit.das@ncess.gov.in)
9. **Publicity & Media Committee**
   (1) Dr. Unnikrishnan C K, Scientist-D (Coordinator) (9074280626, unnikrishnan.ck@ncess.gov.in)
   (2) Sri. Bavijesh T, Scientist-B (Librarian) (9746086261, bavijesh.nair@ncess.gov.in)

10. Exhibition & Stalls Committee

(1) Dr. Krishnakumar A, Scientist-E (Coordinator) (9447552880, krishnakumar.a@ncess.gov.in)
(2) Dr. Kaliraj S, Scientist-D (6238294220, s.kaliraj@ncess.gov.in)

A medical team will be available on call, coordinated by the General Help Desk. NCESS is in close proximity to major healthcare facilities such as the Sree Chitra Tirunal Institute for Medical Sciences & Technology, Government Medical College Hospital (Trivandrum), KIMS Health, Cosmopolitan Hospital, GG Hospital, and Sree Uthradom Thirunal Hospital, all within a 5 km radius.

A dedicated working group will coordinate the Spouses' Programme. To ensure an engaging yet comfortable experience, the Local Organising Committee (LOC) has arranged half-day city tours on 13 and 14 November 2026. All chosen destinations are located within short travel limits to minimise transit time and eliminate fatigue. The curated itineraries feature prominent regional highlights, including:

- Coastal Attractions: Kovalam Beach, Veli Tourist Village & Beach, and Shanghumugham Beach.
- Culture & Heritage: Sree Chitra Art Gallery, Napier Museum, and the historic Madre de Deus Church (Vettucaud).
- Art, Crafts & Entertainment: Kerala Arts & Crafts Village, Sunil's Wax Museum, and the SMSM Institute (Central Handicrafts Emporium) for authentic souvenir shopping.

The programme will culminate on the evening of 14 November with a grand cultural programme followed by dinner.

ACCOMMODATION FOR DELEGATES

I. Hotel Gokulam Grand Trivandrum

Chakkai-Kazhakkoottam Bypass, Near Akkulam Bridge, Kuzhivila, Trivandrum – 695583
Phone: (Mr. Arun Pankaj: 9072355525), +91 471-3509900 / +91 9778800360
Website: https://gokulamhotels.com/gokulamgrandtrivandrum/
Location: https://maps.app.goo.gl/yoZ5rBo5rTXnnqPk7

- Distance from Airport (TRV): 11 km (20 mins)
- Distance from nearest Railway Station (TVCN 'Trivandrum North – Kochuveli'): 3 km (8 mins)
- Distance from Railway Station (TVC 'Trivandrum Central'): 10 km (25 mins)

II. Hotel Hycinth Trivandrum

Manorama Rd, Near Manorama Office, Thampanoor, Trivandrum – 695001
Phone: (Mr. Akash: 9400000744), +91 471-6662999 / +91 9400000740
Website: https://hycinthhotels.com/
Location: https://maps.app.goo.gl/GTTGbdD6qZow1AvL7

- Distance from Airport (TRV): 8 km (25 mins)
- Distance from nearest Railway Station (TVC 'Trivandrum Central'): 0.6 km (2 mins)
- Distance between the hotels (Hycinth <> Gokulam Grand): 11 km (25 mins)

The bank account/group contract details for the hotels have been communicated separately to IASc by the NCESS Office/LOC.

MEETING VENUE AND HALLS

Venue:

National Centre for Earth Science Studies (NCESS)
Post Box No. 7250, Akkulam, Thiruvananthapuram, Keralam – 695011
Phone: (O) +91 471-2511501 / 1502
Email: dircell@ncess.gov.in
Website: www.ncess.gov.in
Location: https://maps.app.goo.gl/oMXWJF5xzUSUn7FR6

- Distance from Airport (TRV): 13 km (25 mins)
- Distance from nearest Railway Station (TVCN): 5 km (10 mins)
- Distance from Railway Station (TVC): 9 km (20 mins)
- Distance from Hotel Gokulam Grand: 3 km (6 mins)
- Distance from Hotel Hycinth: 9 km (20 mins)

Meeting Halls:

(1) Inaugural and technical sessions: Nila Auditorium (165 pax), 'Gangotri Block'.
(2) Science Education Panel Symposium: Pamba Auditorium (100 pax), 'Satpura Block'.
(3) Trust Programme: Neyyar Hall (25 pax), 'Satpura Block'.
(4) Press Meeting: Cauvery Hall (20 pax), 'Gangotri Block'.
(5) Business Meeting of Fellows: Pamba Auditorium (100 pax), 'Satpura Block'.

Vehicles (cars/minibuses) will be arranged by the local organizing committee for airport/railway station pick-up/drop-off and transfers between the hotels and the venue.