

38TH KERALA SCIENCE CONGRESS

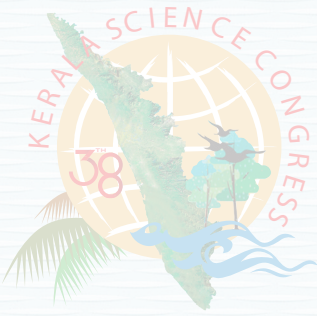
30 Jan - 2 Feb 2026

St. Albert's College
(Autonomous)

Ernakulam

OCEAN SCIENCE FOR BLUE ECONOMY AND ECOSYSTEM RESTORATION

38th Kerala Science Congress (KSC) REPORT



Organized by
Kerala State Council for Science,
Technology and Environment (KSCSTE)



natpac





38th Kerala Science Congress (KSCC) REPORT

FOCAL THEME
**Ocean Science for Blue Economy and
Ecosystem Restoration**

REPORT ON THE 38TH KERALA SCIENCE CONGRESS KSC

The 38th Kerala Science Congress (KSC) was organized by the Kerala State Council for Science, Technology and Environment (KSCSTE) from 30 January to 02 February 2026 at St. Albert's College (Autonomous), Ernakulam. The Kerala Science Congress was held under the focal theme “*Ocean Science for Blue Economy and Ecosystem Restoration.*”

KSC serves as a premier platform for scientists, academicians, policymakers, students, and industry stakeholders to deliberate on contemporary scientific issues and promote innovation-driven development.

1. Objectives and Theme

The focal theme emphasized the role of ocean science in promoting sustainable economic growth through the blue economy while ensuring ecosystem restoration. The 38th Kerala Science Congress aimed to:

- Foster scientific discussions on emerging challenges and opportunities
- Encourage collaboration among institutions and researchers
- Promote innovation and translation of research into societal benefits

2. Participation and Scale

The 38th Kerala Science Congress witnessed significant increase in the number of participation compared to previous years.

Total registrations:	1268
Total participation:	over 2500
Total papers presented:	753
Oral presentations:	313
Poster presentations:	440

Exhibition participation: 183 organizations
Visitors: Over 20,000 in four days

The event recorded a total of 1,268 registrations, indicating strong engagement from the scientific community. Overall participation exceeded 2,500 attendees, reflecting broad interest and involvement. A total of 753 research papers were presented during the programme, showcasing diverse scientific contributions. Among these, 313 were delivered as oral presentations, facilitating in-depth academic discussions. Additionally, 440 papers were exhibited in poster format, enabling interactive exchange of ideas.

The exhibition component witnessed the participation of 183 organizations, highlighting institutional and industry collaboration. Over the course of four days, the event attracted more than 20,000 visitors, demonstrating significant public interest. The high footfall underscores the event's effectiveness in promoting science outreach. It also reflects the growing enthusiasm for scientific knowledge among the general public. Overall, these figures collectively illustrate the extensive reach and impactful presence of the Kerala Science Congress across both scientific and public domains.

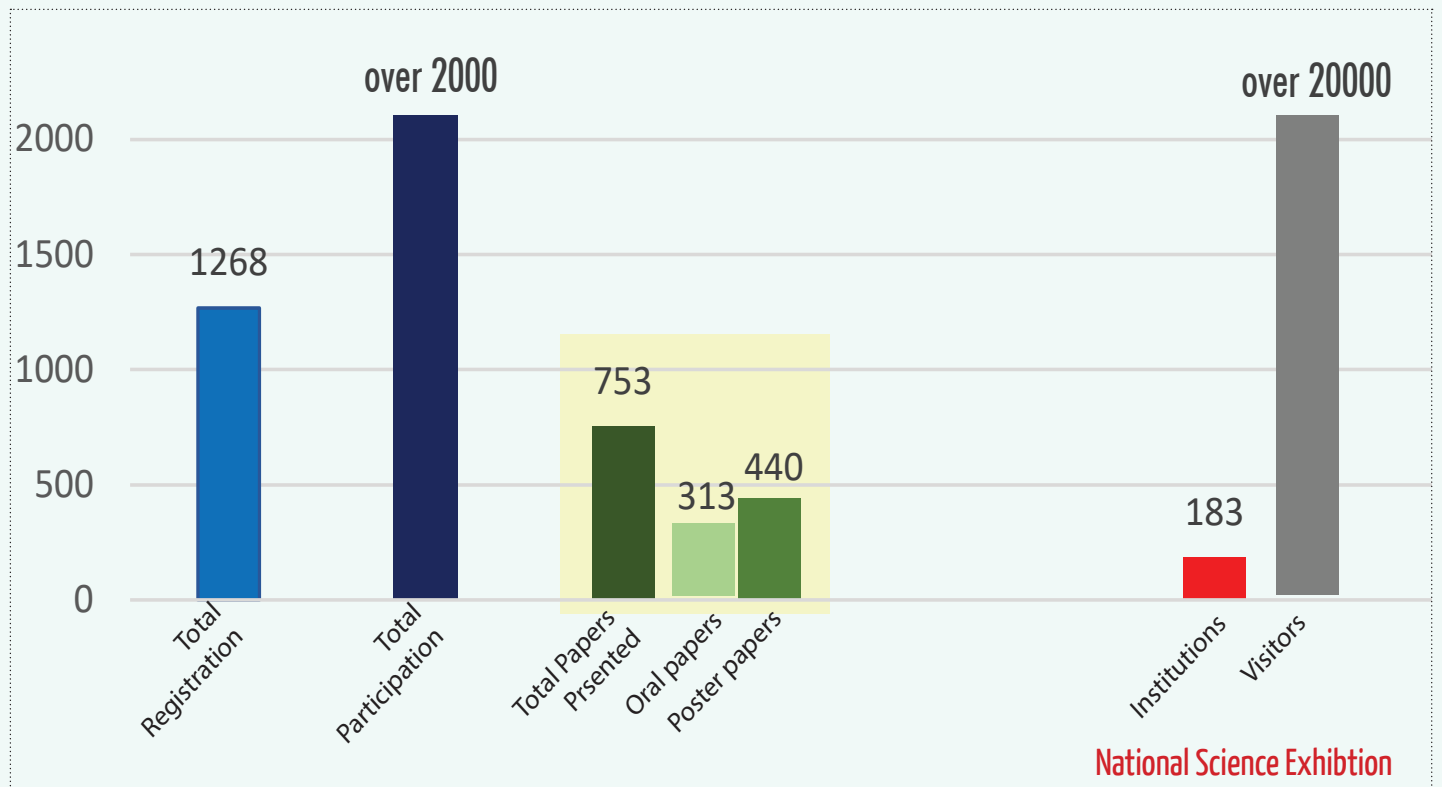
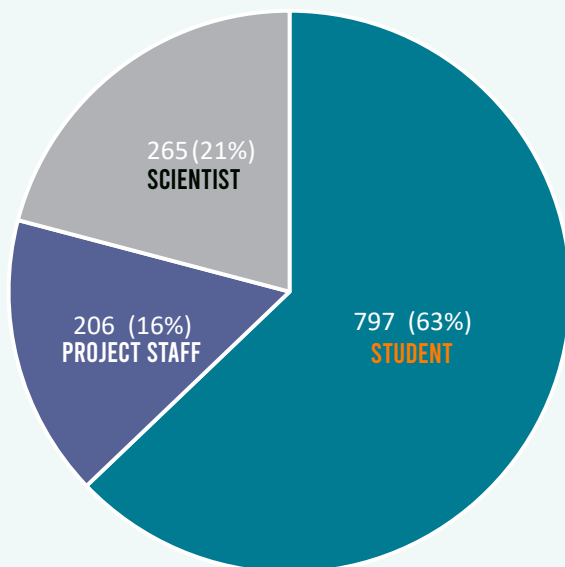
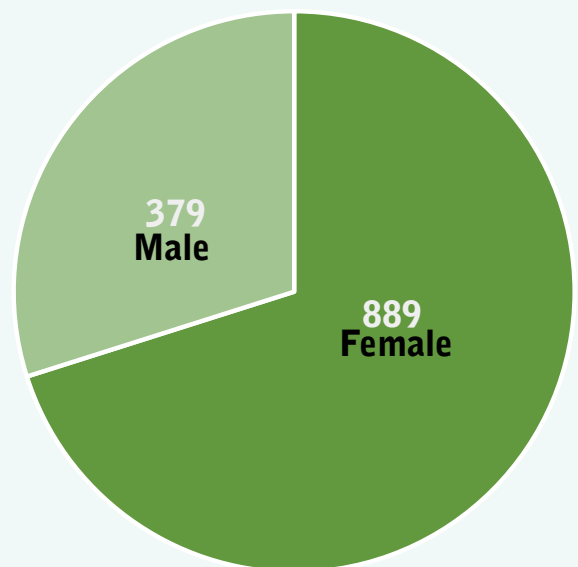


Fig 1. Number of Participations in the 38th KSC and National Science Exhibition



Categorise-wise Participation



Gender-wise Participation

Fig 2. Categorise-wise participations in the 38th KSC

3. Major Events and Programmes

DAY 1 30 JAN 2025

3.1 National Science Exhibition

A major highlight of the 38th Kerala Science Congress was the National Science Exhibition, inaugurated on 30 January 2026 by Adv. Minimal V. K, Mayor of Kochi (Fig 3). The exhibition showcased a wide range of innovations, prototypes, and scientific exhibits presented by research institutions, startups, and government agencies. It also served as a dynamic platform for interactive sessions, workshops, and panel discussions conducted throughout the event.

A total of 183 institutions participated in the National Science Exhibition, reflecting its scale and significance (Fig 4).

Notably, the 38th Kerala Science Congress introduced an expanded range of programmes at the exhibition pavilion, marking a significant milestone in the history of the Congress. The following programmes were conducted over the four days:



Fig 3. Inauguration of National Science Exhibition by Adv Minimal V.K., Hon’ble Mayor of Kochi Corporation in the presence of Dr. N.S. Pradeep (Director, MBGIPS), Dr. Manoj P. Samuel (Director, CWRDM), Dr. Kannan C.S.Warrier (Director, KFRl), Dr. Nisha Mendiratta (DST), Prof. K.P. Sudheer (EVP), Prof. A. Sabu (MS), Dr. Joseph Justin Rebello (Principal, St. Albert’s College) and other dignitaries

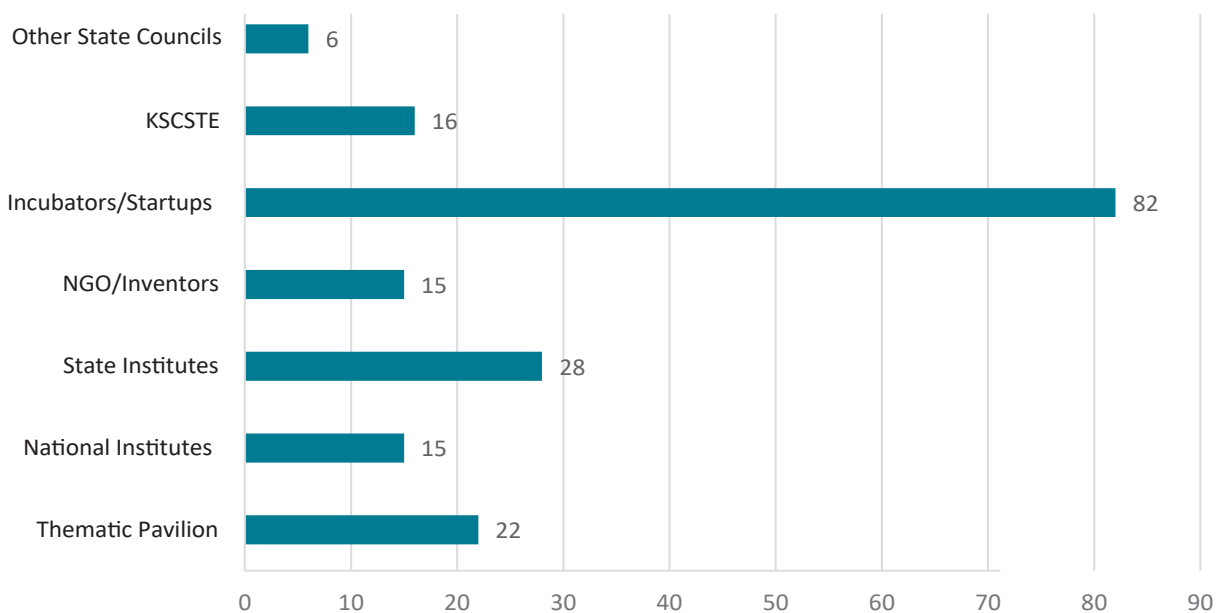


Fig 4. Participation of various organisation in the National Science Exhibition

List of organizations participated in the National Science Exhibition-38th Kerala Science Congress 2026 shown in **page No. 31**. Besides these pavilion, there is a special pavilion for Young Innovators mentored by YIP scheme of KDISC, Govt of Kerala.

Various programmes conducted at the Exhibition Zone during 30 Jan - 02 Feb 2026

1. The Young Innovators Programme (YIP): A Silent Revolution Led by Kerala's Youth in Real-World Problem Solving – Led by YIP-K-DISC, Thiruvananthapuram
2. Panel Discussion: Kerala's Blue Economy Transition – Science & Technology Pathways for a Sustainable Ocean Future – Led by Kerala University of Fisheries & Ocean Studies (KUFOS), Kochi
3. Experiential Workshop for Teachers on “Co-Create to Innovate” – Led by YIP-K-DISC, Thiruvananthapuram
4. Panel Discussion: Our Oceans, Our Future – Climate Change and the Blue Economy of Kerala – Led by KSCSTE-ICCS, Kottayam
5. Workshop on Terrarium Making – Led by KSCSTE-MBGIPS, Kozhikode
6. Panel Discussion: From Classroom to Communicate – Building Kerala's Innovation-Driven Future – Led by YIP-K-DISC, Thiruvananthapuram
7. World Wetlands Day Programme and Quiz Competition – Organized by EIACP Hub, KSCSTE

Panel 1. Various programmes conducted in the National Science Exhibition Zone

3.2 National Science Meet and Plenary Sessions



Fig 5. Prof. T. G. Sitharam, inaugurating the National Science Meet

The Meet was inaugurated by Prof. T. G. Sitharam, Former Chairman, AICTE, Government of India (**Fig 5**). A Special Address was delivered by Dr. Rajan N. Khobragade, Additional Chief Secretary, Health and Family Welfare, Government of Kerala. The Keynote Address was delivered by Dr. Nisha Mendiratta, Advisor & Head, Department of Science and Technology (DST), Government of India, who highlighted the importance of strengthening India's science, technology, and innovation ecosystem through coordinated national and state efforts (**Fig 6**).

The National Science Meet, organised as part of the 38th Kerala Science Congress, marked a historic beginning, as it was the first time such a national-level meet was conducted within the Science Congress framework. The event brought together eminent dignitaries, policymakers, scientists, and representatives from State Science and Technology (S&T) Councils across the country.



Fig 6. Dr. Nisha Mendiratta, Advisor & Head, DST delivering the keynote address

A Plenary Session on “**National Perspectives on Science, Technology and Innovation**” commenced with opening remarks by Prof. K. P. Sudheer, Executive Vice President, KSCSTE. The session featured focused technical talks addressing major national priorities. Dr. Thyagaraju B. M. shared insights on strengthening STI frameworks from the NITI Aayog perspective. Dr. Kalaivani Ganeshan discussed the growing role of biotechnology in advancing India's bioeconomy. Dr. Harilal Bhaskar highlighted

the I-STEM initiative aimed at mapping and improving access to scientific infrastructure across the country, while Dr. Ranjith Krishna Pai spoke on the contributions of science and technology towards climate action and energy security.

The Panel Discussion on “**State-Led Science for National Impact: Convergence, Collaboration, and Commercialization**”, moderated by **Dr. Balakrishnan Nair**, Director, INCOIS, Hyderabad, brought together a diverse group of scientific leaders and policymakers. The discussion emphasised the importance of translational research, inter-state collaboration, and effective commercialization pathways. Key contributors included representatives from central agencies such as DST and DBT, Vice Chancellors, and Member Secretaries of several State S&T Councils. The deliberations highlighted the need to align state-level initiatives with national missions and to strengthen partnerships across institutions.

The State Council Presentations Session, moderated by **Prof. P. Balaram** and **Dr. Nisha Mendiratta**, provided an important platform for sharing experiences and best practices. Presentations were made by State S&T Councils from nine states and two Union Territories, including *Arunachal Pradesh, Tamil Nadu, Uttar Pradesh, Puducherry, Lakshadweep, Meghalaya, Assam, Goa, Karnataka, Rajasthan, and Kerala*. The session witnessed the participation of around 30 senior officials, including Member Secretaries, Directors, and representatives of State Departments of Science and Technology. The discussions enabled meaningful exchanges on region-specific priorities, governance models, innovative programmes, and opportunities for collaboration.

The National Science Meet was very well received by participants and stakeholders. It successfully created a national platform for dialogue, convergence, and knowledge sharing, reinforcing the crucial role of State S&T Councils in advancing science-led development and contributing to national objectives. The initiative set a strong precedent for future Science Congress editions by demonstrating the value of bringing together central agencies and state institutions on a common stage.

DAY 2

31 JAN 2025

3.3 Technical Sessions



Fig 7. Prof. P. Balaram delivering the opening remarks

On the second day of the Kerala Science Congress, research scholars and scientists presented their papers across 13 subject areas. Prior to the commencement of the technical sessions, Prof. P. Balaram, Chairperson of the 38th Kerala Science Congress, gave an opening remarks to the researchers. (Fig 7). This was followed by the release of the Compendium-cum-Proceedings of the 38th Kerala Science Congress (Fig 8.)



Fig 8. Release of the Compendium-cum-Proceedings of the 38th Kerala Science Congress

The following Technical paper presentations were conducted across 13 subject streams, in parallel.

- Agriculture & Food Sciences
- Earth & Planetary Sciences
- Environmental Sciences
- Forestry & Wildlife
- Scientific Social Responsibility
- Biotechnology
- Life Sciences
- Health Sciences
- Fisheries & Veterinary Sciences
- Mathematical & Statistical Sciences
- Chemical Sciences
- Engineering & Technology
- Physical Sciences

These sessions provided a platform for researchers to present their findings and engage in scientific discourse.

Prior to the technical session a lead lecture was given by eminent scientists who was also the chairperson of the paper evaluation committee. The following experts were the chairpersons of the various technical session (**Table 1**, and **Fig 9**).

The best papers in both oral and poster categories were recognized during the valedictory session of the Science Congress. Awards were presented under both the student and scientist categories. The Best Oral Presentation Award under student category carried a cash prize of Rs.5,000, instituted as an endowment award in the previous year. The prize amount is funded through the annual interest generated from endowment contributions made by individuals and organizations. The name of the endowment prizes are given in Annexure (**page no. 30**).

No.	Subject	Chairperson
1	Agriculture & Food Sciences	Prof. Jiju P. Alex , Member, Kerala State Planning Board & Former Director of Extension, Kerala Agricultural University, Thrissur
2	Biotechnology	Dr. Rajeew K. Sukumaran , CSIR- National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram
3	Chemical sciences	Prof. Anoop A. , Digital University, Thiruvananthapuram
4	Earth & Planetary Sciences	Dr. D Sivananda Pai , India Meteorological Department (IMD), New Delhi
5	Engineering & Technology	Prof. Praveen Krishna I.R. , IIST, Thiruvananthapuram
6	Environmental Sciences	Prof. Usha K. Aravind , School of Environmental Studies, CUSAT, Kochi
7	Fisheries & Veterinary Sciences	Prof. Valsamma Joseph , Director, National Centre for Aquatic Animal Health CUSAT, Kochi
8	Forestry & Wildlife	Dr. Pramod G. Krishnan, IFS , Chief Wildlife Warden, Dept of Forest and Wild Life, Thiruvananthapuram
9	Health Sciences	Dr. Mahendran K. R. , RGCB, Thiruvananthapuram
10	Life Sciences	Dr. Jackson James , Biotechnology Research, and Innovation Council- RGCB, Thiruvananthapuram
11	Mathematical and Statistical Sciences	Prof. Joby K Jose , Dept of Statistical Sciences, Kannur University
12	Physical Sciences	Prof. P.R. Biju , School of Pure and Applied Physics, M.G. University, Kottayam
13	Scientific Social Responsibility	Prof. K.P. Sudheer , Kerala Agricultural University, Thrissur

Table 1. List of Lead Speakers in various technical sessions



Fig 9. Lead lectures by experts in various technical sessions

DAY 3

1 FEB 2026

3.4 Inaugural Ceremony

The formal inauguration of the 38th KSC was held on 1 February 2026 by Hon'ble Chief Minister **Shri. Pinarayi Vijayan (Fig 10)**. The ceremony included:

- Release of the Climate Statement 2025 prepared by KSCSTE-ICCS, Kottayam
- Launch of the *NeophyteID* App developed by KSCSTE – MBGIPS, Kozhikode
- Presentation of major science awards and conferring the *Sasthra Puraskaram* to Dr. Tessy Thomas, former Project Director, ISRO, Govt of India (**Fig 11**).

Other Dignitaries present during the occasion were: **Dr. V. Narayanan**, Chairman, ISRO & Secretary, Dept of Space, Govt of India who delivered the keynote address; **Shri. P. Rajeeve**, Hon'ble Minister for Law, Industries and Coir, Govt of Kerala who gave the introductory remarks and **Adv Minimol Mayor** of Kochi,



Fig 10. Hon'ble Chief Minister Shri Pinarayi Vijayan formally inaugurating the 38th KSC



Fig 11. Hon'ble Chief Minister conferring the Sasthra Puraksaram Award to Dr. Tessy Thomas

3.5 Focal Theme Lectures

Following the inaugural programme, the Focal Theme Lectures were conducted. The focal theme of the 38th Kerala Science Congress was “Ocean Science for Blue Economy and Ecosystem Restoration.” The session was chaired by Prof. P. Balaram, Chairperson of the 38th Kerala Science Congress.



Fig 12(a). Prof. A. Biju Kumar



Fig 12 (b). Dr. Thamban Meloth

Focal theme lectures were delivered by distinguished experts, including:

- Prof. A. Biju Kumar, Vice Chancellor, Kerala University of Fisheries & Ocean Studies, Kochi, **Fig12(a)**
- Dr. Thamban Meloth, Director, National Centre for Polar and Ocean Research (NCPOR), Goa, **Fig 12.(b)**

These lectures highlighted ocean science, climate change, and sustainable development strategies.

3.6 Memorial Lectures

Kerala State Council for Science, Technology and Environment has instituted Memorial lectures to honour the S&T visionaries to cherish their contributions. The Kerala Science Congress featured nine prestigious memorial lectures. Of these the following two Memorial Lectures were conducted at the 38th KSC venue.

- G.N. Ramachandran Memorial Lecture by Prof. T. Ramasami, former Secretary, DST, Govt of India
- P.K. Gopalakrishnan Memorial Lecture by Dr. M. Suresh Babu, Madars Institute of Development Studies.

G.N. Ramachandran Memorial Lecture (Speaker: Prof. T. Ramasami, former Secretary, DST, Govt of India)

The lecture “Imprint of a Legacy of a Master on Indian Science” by Prof. T. Ramasami paid tribute to G. N. Ramachandran and his foundational contributions to structural biology. It highlighted landmark achievements such as the triple helical structure of collagen, the *Ramachandran plot*, and early algorithms that enabled modern tomography. The talk emphasized how his work shaped India’s leadership in structural biology and inspired collaborations leading to practical applications like collagen-based biomaterials. It also reflected on the enduring influence of the Madras School of Biophysics in nurturing scientific inquiry and innovation. The lecture concluded by stressing the need to balance excellence in fundamental research with societal relevance in India’s scientific progress.



Fig 13

P.K. Gopalakrishnan Memorial Lecture (Speaker: Dr. M. Suresh Babu, Madars Institute of Development Studies)

The lecture “The Challenge of Viksit Bharat” by Dr. M. Suresh Babu examined the structural transformations required for India to achieve developed nation status by 2047. It highlighted key challenges including job creation, skill development, and the need to align education with future workforce demands. The talk emphasized persistent inequalities and the importance of inclusive access to health, education, and financial resources. It also addressed environmental constraints, stressing the need for sustainable growth amid climate risks and resource pressures. The lecture concluded by underscoring the role of strong institutions, public investment, and cooperative governance in building a resilient, inclusive, and prosperous India.



Fig 14

In addition, 7 Memorial Lectures were conducted as prelude to 38th KSC in various institutions across the State. The details are given below

1. M. S. Valiathan Memorial Lecture (Speaker - Prof. Rajesh S. Gokhale, Secretary, DBT, Venue: SCTIMST, 8 Nov 2025)



Fig 15

The M. S. Valiathan Memorial Lecture by Prof. Gokhale highlighted the legacy of Dr. M. S. Valiathan, emphasizing indigenous innovation, ethical research, and integration of traditional and modern knowledge. It stressed that India’s Viksit Bharat vision must evolve from its own socio-economic realities while leveraging biotechnology for collaborative global progress. Historical insights, including the Bengal Famine, Green Revolution, and COVID-19 response, illustrated the role of science in national resilience. The lecture underscored the shift toward biology-driven healthcare and convergence of biological and artificial intelligence. It concluded by highlighting the BioE3 Policy and Department of Biotechnology’s role in sustainable growth.

2. P.T. Bhaskara Panicker Memorial Lecture (Speaker: Prof. Kana M. Sureshan, IISER, Thiruvananthapuram Venue: Sir Syed College, Kannur, 5 Dec 2025)



Fig 16

The lecture on Science and Society by Prof. Kana M. Sureshan emphasized scientific temper as a fundamental duty, rooted in critical thinking, inquiry, and rationality. It outlined the CONPTT criteria—consistency, observability, naturality, predictability, testability, and tentativeness—as essential for distinguishing science from pseudoscience. The talk highlighted common signs of pseudoscience, including lack of evidence, misuse of jargon, reliance on anecdotes, and persistence of irrational beliefs despite high literacy levels. It warned of serious consequences such as anti-vaccine movements, harmful treatments, and the spread of superstition and misinformation. The lecture concluded by stressing that scientific literacy, rather than blind belief in “natural” claims, is key to safety, progress, and societal well-being.

3. Thanu Padmanabhan Memorial Lecture (Speaker: Prof. G. Baskaran, IIT Madras, Venue: UC College, 12 Dec 2025)

The Thanu Padmanabhan Memorial Lecture by Prof. G. Baskaran highlighted the legacy of Thanu Padmanabhan and his pioneering contributions to quantum gravity and spacetime physics. It emphasized the transformative impact of quantum mechanics on science, technology, and global intellectual unity, portraying scientists as ambassadors of peace. The lecture noted India's foundational role in quantum theory through figures like C. V. Raman and Satyendra Nath Bose, inspiring future generations to engage with the field. It underscored the accessibility of quantum learning through modern platforms and educators, making complex ideas widely understandable. The lecture concluded by highlighting experiments, conceptualization, and mathematics as the three pillars driving progress in quantum science.



Fig 17

4. P.K. Iyengar Memorial Lecture (Speaker: Dr. Anuraj V.L, IGCAR, Kalpakkam, Venue: Fatima Matha National College, Kollam, 7 Jan 2026)



Fig 18

The lecture "Igniting the Atom: The Science of Sustained Fission" by Dr. Anuraj V. L. examined nuclear energy as a crucial solution for meeting India's growing demand for clean and reliable power. It explained the fundamentals of nuclear fission, chain reactions, and the role of neutron multiplication in sustaining controlled energy production. The talk highlighted India's Three-Stage Nuclear Power Programme, emphasizing the transition from uranium-based reactors to thorium utilization for long-term energy security. It also discussed the advantages of a closed fuel cycle, including efficient resource use and reduced radioactive waste through reprocessing. The lecture concluded by addressing advanced reactor technologies such as Molten Salt Reactors and their potential in achieving sustainable nuclear energy for the future.

5. M.S. Swaminathan Memorial Lecture (Speaker – Dr. Himanshu Pathak, DG, ICRISAT, Venue: College of Agriculture, Kasaragod, 08 Jan 2026)



Fig 19

The lecture "Food Security to Farmers Fortune" by Himanshu Pathak highlighted India's transition from food scarcity to self-sufficiency while addressing emerging agricultural challenges. It emphasized the growing pressures of climate change, resource degradation, and livelihood insecurity, particularly among smallholder farmers. The talk proposed Next-Generation Agriculture as a transformative approach integrating technology, sustainability, and farmer-centric systems. It stressed the importance of digital innovation, policy support, and inclusive participation of farmers, women, and youth in driving agricultural change. The lecture concluded by underscoring the need for resilient, sustainable, and innovation-driven agri-food systems to ensure future food and nutrition security.

6. E.K. Janaki Ammal Memorial Lecture (Speaker: Prof. Usha Vijayaraghavan, IISc, Bengaluru, Venue: St. Teresa's College, 13 Jan 2026)



Fig 20

The lecture “Codes for the Making of a Rice Flowering Stem” by Prof. Usha Vijayaraghavan explored how genetic regulators control plant development from a single cell to a complex organism. It highlighted the role of master transcription factors in governing growth and form through coordinated gene interactions. Using *Arabidopsis thaliana* and *Oryza sativa* as models, the talk examined how conserved regulators diversify across species. The lecture emphasized the importance of these transcription factors in controlling floret development and floral patterning in rice. It concluded by noting that understanding these genetic pathways can support crop improvement and yield enhancement strategies.

7. P.R. Pisharoty Memorial Lecture (Speaker – Shri Rajarajan A, Director, VSSC, Thiruvananthapuram, Speaker – Shri Rajarajan A, Director VSSC, Venue: CUSAT, 15 Jan 2026, conducted online)



Fig 21

The lecture “An Indian Perspective on the Past, Present and Future of Space Exploration” by A. Rajarajan traced India’s journey from early rocket launches to a globally recognized space programme. It highlighted the visionary contributions of Vikram Sarabhai and Satish Dhawan in shaping a development-oriented space strategy. The talk outlined key achievements, including launch vehicles, satellite missions, and milestones such as Chandrayaan and the Mars Orbiter Mission. It emphasized the growing role of space technology in national development, disaster management, and communication services. The lecture concluded by outlining future ambitions, including human spaceflight, deeper planetary exploration, and strengthening India’s space economy through innovation and self-reliance.

DAY 4

2 FEB 2026

3.7. Walk - with Scientists - interactive session of School Children with leading scientists

The “Walk with Scientists” programme offered a unique opportunity for students of Classes 7–10 to engage with eminent scientists in an informal and inspiring setting. Conducted as morning walks in a natural environment, the initiative aimed to stimulate curiosity and foster a deeper interest in science.

Selected groups of 8–10 students from schools in Ernakulam district actively participated in discussions, raising questions and clarifying their doubts. The interactive sessions proved valuable in helping students overcome hesitation in asking questions, nurturing curiosity, enhancing critical thinking skills, and cultivating a scientific temper with a stronger focus on future scientific pursuits.

A notable feature of this year’s programme was the inclusive participation of visually impaired students. Eight groups, each comprising one scientist and 5–7 students, took part in the walk held at Subhash Bose Park from 7:00 a.m. to 8:30 a.m., engaging in meaningful scientific discussions throughout the session.

The following eminent Scientists spent time with School Children.

1. Prof. C.T. Aravinda Kumar, Vice Chancellor, MG University, Kottayam
2. Shri. M.C. Dathan, Mentor (Science), Govt of Kerala
3. Prof. Rajasree M. S., Former Vice Chancellor, A P J Abdul Kalam Technological University
4. Dr. Thamban Meloth, Director, NCPOR, Goa
5. Prof. Hema Latha Balaram, JNCASR, Bengaluru
6. Prof. G.M. Nair, Former Director, JNTBGRI, Thiruvananthapuram
7. Dr. Nishana M, IISER, Thiruvananthapuram
8. Prof. S.D. Biju, Delhi University

3.8 Postgraduate Students Interaction – mentoring and guidance

A special session for the interaction of bright Post-Graduate Students in Science with eminent scientists and academicians was scheduled during the Science Congress. This programme provided them a window to the opportunities, scope and paths in pursuing their research interests.

The following members were in the panel to interact with the PG students (**Fig 22**)

- Prof. C.T. Aravindakumar, Vice Chancellor, M.G. University
 - Prof. Biju Kumar A., Vice Chancellor, KUFOS
 - Prof. Rajasree M. S., Former vice-chancellor, A P J Abdul Kalam Technological University
 - Prof. Hemalatha Balaram, JNCASR, Bengaluru
 - Shri. M.C. Dathan, Mentor (Science), Govt of Kerala
 - Shri. Anoop Ambika, CEO, Kerala Startup Mission
 - Dr. N. Anilkumar, Director, Kerala State Biodiversity Board
 - Dr. Thamban Meloth, Director, National Centre for Polar and Ocean Research (NCPOR), Goa
 - Dr. Sreekumar E., Director, Institute of Advanced Virology
- Prof. K.P. Sudheer, EVP moderated the session.



Fig 22. PG students interaction

3.9 From Discovery to Deployment: Key Questions to be Answered”

From Discovery to Deployment: Key Questions to be Answered” – discussions on translating research into applications

This was a special programme on the 38th Kerala Science Congress. The session focused on key dimensions of strengthening Kerala’s innovation ecosystem, with particular emphasis on the role of academic institutions and their interface with industry. The following were the members of the panelist who shared their ideas and interacted with the audience.

Panelists

- **Dr. P.V. Unnikrishnan**, Member Secretary, K-DISC, Thiruvananthapuram
- **Dr. Sharmila Mary Joseph**, Principal Secretary, Department of Higher Education, Govt. of Kerala
- **Dr. Sreeraj Gopi**, Founder & Managing Director, Molecules Biolabs
- **Mr. S. Balram**, SCTIMST-TIMed, Thiruvananthapuram
- **Dr. Krishnakumar I. M.**, Chief Scientific Officer, M/s Akay Natural Ingredients (Part of Ottera, Denmark)
- **Mr. Robin Tommy**, Tata Consultancy Services, Thiruvananthapuram

Shri. Anoop Ambika, CEO, Kerala Start Up Mission, moderated the session.

The session focused on key dimensions of strengthening Kerala's innovation ecosystem, with particular emphasis on the role of academic institutions and their interface with industry. The discussions were structured around the following thematic areas:

- Innovation Ecosystem & Startup Support in Kerala
- Role of Higher Education Institutions in Innovation
- From Research to Revenue: Industry Readiness of Academic Innovations
- Collaborative Innovation: Industry–Academia Interfaces
- Technology Transfer, Validation & Regulatory Pathways
- Incubation, Mentorship & Startup Journeys



Fig 23.. Panelists of the session “From Discovery to Deployment: Key Questions to be Answered”

3.10 SciSol Programme

The SciSol (Science Solutions) programme encouraged young innovators to propose solutions to real-world problems. Seventy-three applications were received from which 6 teams for presentation at the venue. The presentations were evaluated by a Judging Committee chaired by Prof. G. M. Nair, Former Director, KSCSTE-JNTBGRI. The project presentations reflected innovations and practical applications of scientific knowledge in solving local societal problems.

Team Members who secured the first position: **Ms. Neethu T., Ms. Jyothika T., Ms. Jasini K. and Ms. Rahana K. J.**

Problem identified and S & T solution: Environmental Pollution Mitigation; Project entitled “**Sustainable ESP- TiO₂ Hybrid Air Purifying Smart Pole System**”

3.11 Cultural Programmes

Cultural events were, *The Reflection* - A Dance Production by Ms. Mahalakshmi Sarveswaran & Team, and by the artists from the St. Albert's College alongside the scientific sessions, providing a platform for artistic expression and engagement.



Fig 24. Snapshots from the cultural events

4. Awards and Recognitions

The Kerala Science Congress recognized excellence through various awards:

- Endowment Awards (7 subjects – student category)
- Best Oral Presentation Awards (scientist category)
- Best Poster Presentation Awards (student and scientist categories)
- SciSol Awards
- Best Exhibition Stall Awards

5. Valedictory Function

The valedictory function of the 38th Kerala Science Congress marked the formal conclusion of the event with great enthusiasm. The programme began with the Welcome Address by Prof. A. Sabu, who reflected on the successful organization and active participation throughout the Congress.



Fig 25. Valedictory Function & Award distribution

Prof. K. P. Sudheer (President, Kerala Science Congress) delivered the Presidential Address, emphasizing the importance of scientific collaboration and such platforms in promoting innovation and knowledge exchange. The Report Presentation by Dr. Ashalatha R. (Convenor, Organising Committee) provided a concise overview of the sessions, participation, and key outcomes of the Congress.

The Valedictory Address by Smt. Priyanka G., IAS, highlighted the role of science in addressing societal challenges and appreciated the efforts of the organizers. Special Addresses were delivered by Shri. M. C. Dathan, Mentor (Science) and other distinguished Vice Chancellors, who underlined the importance of academic institutions in advancing research and innovation. The session also included the distribution of awards for paper presentations and exhibition stalls.

6. Key Highlights

- Strong emphasis on blue economy and ocean science
- Participation from national-level institutions and policymakers
- Integration of research, innovation, and societal applications
- High public engagement through exhibitions and outreach programmes
- Platform for young scientists and students to showcase innovations

7. Conclusion

The 38th Kerala Science Congress successfully brought together diverse stakeholders from across the scientific ecosystem. It facilitated meaningful discussions, promoted interdisciplinary research, and strengthened the linkage between science and society.

The Kerala Science Congress reaffirmed Kerala's commitment to scientific advancement and its role in addressing global challenges such as climate change, sustainability, and ecosystem restoration.

President

Prof. K.P. Sudheer

Executive Vice President, KSCSTE

Chairperson

Prof. P. Balaram

NCBS, Bengaluru

General Convenor

Prof. A. Sabu

Member Secretary, KSCSTE

Convenor, Organising Committee

Dr. Ashalatha R.

Director, KSCSTE-NATPAC

ANNEXURES

KERALA STATE YOUNG SCIENTIST AWARD (KSYSYA)



Dr. ANJITHA VISWANATH
Scientist/Engineer-SE, ISRO Inertial Systems Unit



Dr. SHANKAR P.
Asst Professor, Dept of Mathematics, CUSAT

SCIENCE LITERATURE AWARDS



Popular Science Category
Dr. BIJU DHARMAPALAN
Dean - Academic Affairs, Garden City University, Bangalore



Science Book (In-depth Science)
Dr. GOPAKUMAR CHOLAYIL
Scientific Officer (Retd.) Kerala Agricultural University



Science Journalism
Mr. ASHWIN S.
Senior Sub Editor, Malayala Manorama, Kottayam



Science Book (Children Literature)
Mr. PRADEEP ORKKATTERI
State Institute of Encyclopedia Publications



KSCSTE BEST SCIENTIST AWARD
Dr. S. SANDEEP
Principal Scientist, KSCSTE-KFRI, Thrissur



KSCSTE BEST Performing Institute
KSCSTE - CWRDM, Kozhikode



KSCSTE BEST EMERGING INSTITUTE
KSCSTE- Institute for Climate Change Studies, Kottayam

Best Paper Awards - Oral Paper Presentations

Student Category - Endowment Awards (13 Nos)

1. Agriculture & Food Sciences (Padmanabhan Ramamani Endowment Award)
Swetha B Nair, Ayisha R & Manjima Das, Kerala Agricultural University
2. Biotechnology (Bions Medical Systems Endowment Award)
Aswathy R. Devan & Lekshmi R Nath, Amrita School of Pharmacy, Amrita Vishwa Vidyapeetham Kochi
3. Chemical Sciences (Trivandrum Govt Women's College Chemistry Alumni Association Endowment Award)
Riya Martin, CSIR-NIIST, Thiruvananthapuram
4. Earth & Planetary Sciences (PIT Solutions Endowment Award)
Arya Ashok, K. M. Ambili & R. K. Choudhary, VSSC, Thiruvananthapuram
5. Fisheries and Veterinary Sciences (Akay Natural Ingredients Private Limited (Part of Oterra Group, Denmark) Endowment Award)
Sarath Varghese, Charan Ravi, Abhilash C P, Neethu Z, Sai Krishnan, Rekha M U, V S Basheer & Kajal Chakraborty, ICAR-National Bureau of Fish Genetic Resources, Kochi
6. Health Sciences (Padmanabhan Ramamani Endowment Award)
Ayana R Kumar & Lekshmi R Nath, Amrita School of Pharmacy
7. Life Sciences (Padmanabhan Ramamani Endowment Award)
Devika M Anilkumar & Amitha Bachan KH, MES Asmabi College Kodungallur
8. Mathematical & Statistical Sciences (H&R Block (India) Endowment Award)
Dhanya Roy, Gabriele Di Stefano & Sandi Klavzar, Cochin University of Science and Technology
9. Physical Sciences (Malabar Endowment Award for Young Scientists)
Meritta James, Dheepika Ramachandran & Vijaykumar C, CSIR NIIST, Thiruvananthapuram
10. Scientific Social Responsibility (Oushadhi Endowment Award)
N Aleem Yoosuf, Zameel Hassan & C P Chandrasekharan, KSCSTE Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode
11. Engineering & Technology (T.K. Sreekrishnan Endowment Award)
Rameeja T Abdul Rasheed, Sneha Mohanan & Akhil A C, CUSAT, Kochi
12. Environmental Sciences (Oushadhi Endowment Award)
Dhanraj N D, Meenakshy K S & Vishnu Sreejith, Mahatma Gandhi University, Kottayam
13. Forestry & Wildlife (State Medicinal Plant Board - Kerala Endowment Award)
Aswathi Anilkumar & Stephen Sequeira, Maharaja's College, Ernakulam

Best Paper Awards - Oral Paper Presentations

Scientist Category

1. Agriculture & Food Sciences
Vineeth T V, Krishna Kumar G & Parvathi M Sreekumar, College of Agriculture, Vellanikkara
2. Biotechnology
Guruvayoorappan C & Vishnu Walsan K, Regional Cancer Centre Thiruvananthapuram
3. Chemical Sciences
Dr Lakshmi V & Dr Suneesh C V, Kerala University, Thiruvananthapuram
4. Earth & Planetary Sciences
Resmi P, Anu Gopinath & Emil John C R, Kerala University of Fisheries and Ocean Studies
5. Fisheries and Veterinary Sciences
a) Dr Divya C, Dr Naidile K R & Dr Devi S S, College of Veterinary and Animal Sciences, Mannuthy b) Dr Rahul Krishnan, Abhiram A & Praveena P, Kerala University of Fisheries and Ocean Studies
6. Health Sciences
Dr. Aneesa P A, Dania Jose & Siddarthan Venkatachalam, CUSAT, Kochi
7. Life Sciences
No paper qualified
8. Mathematical & Statistical Sciences
Sreejith M M & Sudhir Pujahar, KSCSTE - Srinivasa Ramanujan Institute for Basic Sciences, Kottayam
9. Physical Sciences
K. Arjun, KSCSTE-Srinivasa Ramanujan Institute for Basic Sciences, Kottayam
10. Scientific Social Responsibility
a) Krishna K Nair, Ibrahim Bathis K & P Harinarayanan, KSCSTE b) Dr Reshma V R Nair, Kasthuri Nair A & Hareendran Nair J, CoEM
11. Engineering & Technology
a) M S Swapna, L S Amritha & S Sankararaman, University of Kerala, Thiruvananthapuram b) P J Jainet & Kolappadan Chandran, KSCSTE - CWRDM, Kozhikode
12. Environmental Sciences
Jose George, Sinan Nizar & T Anand, KSCSTE Institute for Climate Change Studies, Kottayam
13. Forestry & Wildlife
Sreelakshmi Gopinath, Chaithra P S & Prasad T S, KSCSTE- KFRI, Thrissur

Best Paper Awards - Poster Presentations

Subject	Student Category	Scientist Category
1. Agriculture & Food Sciences	Neha P Nair & Radhika Rajasree S R, KUFOS, Kochi	Aparna Shankar, Lisintta E S & Krishnaja R. Centre of Excellence in Microbiome, Thiruvananthapuram
2. Biotechnology	Zion Mercy M & T R Santhosh Kumar, RGCB, Thiruvananthapuram	Sreekumar U Aiswarya, Tennyson P Rayginia, Chenicheri Kizhakkeveettil Keerthana, Mundanattu Swetha, Lakshmi R Nath, Sanjay Suresh Varma, Ravi Shankar L, Ruby John Anto, Centre of Excellence in Nutraceuticals, Thiruvananthapuram
3. Chemical Sciences	Athulya K R, Arathy Chandran & Anitha C Kumar, CUSAT, Kochi	Aravind K, Smitha Roy & Mansiya V A 75.00 SB College (Autonomous) Changanassery
4. Earth & Planetary Sciences	Neethu C S & Abish B, KUFOS, Kochi	Suneeth KV, Prasanth A Pillai & Rajendran K, KSCSTE - ICCS, Kottayam
5. Fisheries and Veterinary Sciences	Qurat ul Ain, Saima Rehman, Unnimaya, Pooja Baiju, Sanal Ebeneezar, Chandrasekar Selvam, D. Linga Prabu, Kajal Chakraborty, Adnan H. Gora, CMFRI Kochi	Vidya P & Jiji R S, Kerala Veterinary and Animal Sciences University
6. Health Sciences	Dr Muhsina Javad & Dr Roshni Anirudhan, Government Ayurveda College Thiruvananthapuram	Azeem Abdul Khalam, Hiba Alblooshi & Najla Aljaberi, United Arab Emirates University, Al Ain, UAE
7. Life Sciences	Smrithi Sreekanth, Athira A P, Ananthu Chandran, IAV, Thiruvananthapuram	Unnikrishnan Babukuttan Sheela, Preethi Gopalakrishnan Nair & Vishnu Vijay Vijayan Dalhousie University, Canada
8. Mathematical & Statistical Sciences	Sugilesh H & Ambily A A., CUSAT, Kochi	No Award
9. Physical Sciences	Ruksana S, Vijisha M V & Biyon Peter, CUSAT, Kochi	Saranya Babu, Subhendu Dhibar & Goutam Kumar Chandra, T K Madhava Memorial College Nangiarkulangara
10. Scientific Social Responsibility	Rakshitha R, Raghu A V, Jayaraj R KSCSTE-KFRI, Thrissur	Arathi Nair, Yedhu Mohan & Syanant P S MagGenome Technologies Pvt Ltd
11. Engineering & Technology	Lakshmi Srinivasan, Jemly E J & Honey John, CUSAT, Kochi	Thomas Kurian & Neena George, CUSAT, Kochi
12. Environmental Sciences	Ashly Augustine, K A Nimsi, K Manjusha, KUFOS, Kochi	Archana T S, Rajani Kurup S R & V Arunachalam, KSCSTE-JNTBGRI
13. Forestry & Wildlife	Navya S & Sujana K A, Botanical Survey of India Southern Regional Centre	Shrikant Badole, Abimol A & Sandeep S, KSCSTE KFRI, Thrissur

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7.	Shri. Shaju D., Section Officer, NATPAC	Member
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12.	Anilkumar Multi task Staff, NATPAC	Member
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8.	Sri. M. Naserudeen, Office Assistant, NATPAC	Member
9.	Dr Neethu B., Junior Scientist, KSCSTE	Member
10.	Dr. Deepthi B., Junior Scientist, KSCSTE	Member
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6.	Ms. Anju R.K., KBC, KSCSTE	Member
7.	Shri. Prabodh, Media Consultant, KSCSTE	Member
8.	Smt. Shyama C, Library Assistant, NATPAC	Member
9.	Ms. Devika V, Asst Professor & Public Relations Officer, St. Albert's College	Member
9. Publication Committee		
1.	Dr. C. Anilkumar, Senior Principal Scientist, KSCSTE	Convener
2.	Shri. Wilson K.C, Senior Scientist, NATPAC	Co-Convener
3.	Prof (Dr) K Madhusudhanan, Head, Dept of Botany, St. Albert's College	Co-Convener

4.	Er. Anish Kini, Scientist, NATPAC	Member
5.	Dr. Geetha B.S., Scientist, KSCSTE	Member
6.	Dr Anuja M.M., KSCSTE	Member
7.	Smt. Athira, Multitasking Assistant, NATPAC	Member
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1.	Dr. N.S. Pradeep, Senior Principal Scientist, MBGIPS	Convener
2.	Dr. Sabu M C, Director- Examinations, St. Albert's College	Co-Convener
3.	Er. Arun Chandran, Senior Scientist, NATPAC	Co-Convener
4.	Dr. Balakrishnan P., Scientist, KFRI	Member
5.	Dr Manjula K.M., Junior Scientist, MBGIPS	Member
6.	Dr. Hareesh V.S., Junior Scientist, MBGIPS	Member
7.	Dr. Reghupathi B., Junior Scientist, MBGIPS	Member
8.	Dr. Pooja Pushkaran, Junior Scientist, MBGIPS	Member
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10.	Dr. Mithun Venugopal, Junior Scientist, MBGIPS	Member
11.	Mr. Sidhardh A. S. Kumar, Project Fellow, MBGIPS	Member
12.	Dr. Bibin John, Asst Professor, Dept of Physics, St. Albert's College	Member
13.	Mr. Joseph Sen, Head Master, St Albert's High School	Member
11. SciSol Committee		
1.	Dr. Sherin B. M., Scientist, KSCSTE	Convener
2.	Shri. Saran M. S., Scientist, NATPAC	Co-Convener
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5.	Dr. Himasree P. R., Junior Scientist, NATPAC	Member
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7.	Ms. Harishree, Project Assistant, NATPAC	Member
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12. National Science Meet Committee		
1.	Dr. Sarika, A. R., Principal Scientist, KSCSTE	Convener
2.	Dr. Salini U., Scientist, NATPAC	Co-Convener
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8.	Ms. Farhana, Research Fellow, KSCSTE	Member
13. PG Student Interaction & Walk-with Scientist Committee		
1.	Dr. Binuja Thomas, Senior Principal Scientist, KSCSTE	Convener
2.	Er. Ebin Sam S., Scientist, NATPAC	Co-Convener
3.	Dr. Rajesh Kunjanpillai, Dean- Research, St. Albert's College	Co-Convener

4.	Ms. Chaithanya P. C., Project Scientist, IPR, KSCSTE	Member
5.	Ms. Kavya, Project Assistant, IPR, KSCSTE	Member
6.	Ms. Priyanka Babu, Project Fellow, KSCSTE	Member
7.	Dr. Anna Ancy, Asst Professor, Dept of Botany, St. Albert's College	Member
8.	Dr. Sileesh Mulaserry, Asst. Prof. Dept of Zoolgy, St. Albert's College	Member
14. Finance Committee		
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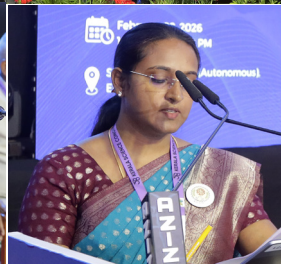
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20. Dr. Sadasivan Shaji, School of Mechanical & Electrical Engineering, UANL, Mexico
21. Prof. Suresh C Pillai, Atlantic Technological University, Sligo, Ireland
22. Dr. Suresh Kumar M., Centre for Cancer Research, NIH, USA
23. Prof. Viji Sarojini, School of Chemical Sciences, University of Auckland, New Zealand

GLIMPSES OF 38TH KERALA SCIENCE CONGRESS









ENDOWMENT AWARDS AND ENDOWERS

Padmanabhan Ramamani Endowment Award
(Dr. B. Ashok IAS and Shri. B. Prashobh)

Health Sciences, Life Sciences, Agricultural & Food Sciences

Malabar Endowment for Young Scientists' Award
(Dr. Renil M., Denmark; Dr. Thazha P. Prakash, USA and Dr. Kallanthottathil G. Rajeev, USA)

Physical Sciences

Sreekrishnan T.K. Endowment Award
(Dr. Cibiraj, USA)


Engineering & Technology

 **PIT Solutions Endowment Award**
(M/s PIT Solutions, Technopark Trivandrum)

Earth and Planetary Sciences

State Medicinal Plant Board – Kerala Endowment Award
(State Medicinal Plants Board – Kerala)


Forestry & Wild Life

 **Oushadhi Endowment Award**
(Oushadhi, Thrissur)

Scientific Social Responsibility and Environmental Sciences

Trivandrum Govt Women's College Chemistry Alumni Association Endowment Award
(Trivandrum Govt Women's College Chemistry Alumni Association)

Chemical Sciences

 **Akay Natural Ingredients Private Limited (Part of Oterra Group, Denmark) Endowment Award**
(Akay Natural Ingredients Pvt Ltd, Kochi)

Fisheries and Veterinary Sciences

Bions Medical Systems Endowment Award
(Bions Medical Systems, Private Ltd. Kochi)

Biotechnology

 **H&R Block (India) Endowment Award**
(H&R Block (India) Private Limited Technopark, Trivandrum)

Mathematical and Statistical Sciences

List of Organizations Participated in the National Science Exhibition

I. THEMATIC PAVILION

1. Fishery Survey of India 2. Central Institute of Fisheries Nautical and Engineering Training 3. Indian National Centre for Ocean Information Services 4. Central Institute of Fisheries Technology 5. National Institute of Fisheries Post Harvest Technology and Training 6. Scuba Cochin 7. Kerala University of Fisheries and Ocean Studies 8. Central Marine Fisheries Research Institute 9. Cochin Shipyard Limited 10. Naval Physical and Oceanographic Laboratory 11. Nansen Environmental Research Centre India 12. Naval Physical and Oceanographic Laboratory	13. Nansen Environmental Research Centre India 14. National Centre for Aquatic Animal Health 15. National Bureau of Fish Genetic Resources 16. Marine Products Export Development Authority 17. Central Inland Fisheries Research Institute 18. National Institute of Ocean Technology 19. Centre for Marine Living Resources & Ecology 20. Kerala Coastal Zone Management Authority 21. National Centre for Earth Science Studies 22. Kerala Maritime Board 23. Indian Navy – Naval Operations Data Processing and Analysis Centre 24. KUFOS-Business Incubation Centre
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2. NATIONAL INSTITUTES

1. Vikram Sarabhai Space Centre 2. Central Plantation Crops Research Institute 3. National Bureau of Plant Genetic Resources 4. Cashew Export Promotion Council of India Laboratory and Research Institute 5. Sugarcane Breeding Institute Research Centre 6. Central Tuber Crops Research Institute 7. Sree Chitra Tirunal Institute for Medical Science	8. Centre for Materials for Electronics Technology 9. National Institute for Interdisciplinary Science and Technology 10. Rubber Research Institute of India 11. National Institute of Rural Development and Panchayati Raj 12. India Meteorological Department 13. Indian Cardamom Research Institute 14. Remote Sensing Applications Centre 15. CIPET: Institute of Petrochemicals Technology
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3. STATE INSTITUTES

1. Energy Management Centre 2. Krishi Vigyan Kendra Ernakulam 3. Forest Range Office Periyar 4. University of Kerala 5. Kerala State Biodiversity Board 6. State Medicinal Plants Board 7. Advanced Centre for Regenerative Medicine and Stem Cell Research in Cutaneous Biology, University of Kerala 8. Chemical Examiner's Laboratory 9. Centre for Development of Advanced Computing 10. Oushadhi 11. Krishi Vigyan Kendra Kottayam 12. Kerala Fire and Rescue Services, Ernakulam 13. Kudumbashree 14. Vegetable and Fruit Promotion Council Keralam	15. Directorate of Soil Survey & Soil Conservation 16. Kerala State Bamboo Mission 17. District Horticulture Mission 18. Kerala Agro Machinery Corporation 19. Agency for New and Renewable Energy Research and Technology 20. Kerala State Pollution Control Board 21. Malabar Cancer Centre 22. Kerala State Industrial Development Corporation 23. Kerala Rubber Limited 24. SCMS School of Technology and Management, Ernakulam 25. KIRTADS 26. Centre of Excellence in Neurodegeneration and Brain Health-CUSAT 27. St. Albert's College Autonomous, Ernakulam 28. St. Teresa's College, Ernakulam 29. Institute of Advanced Virology
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4. NGO/INVENTORS

1. Wildlife Trust of India, Noida 2. Centre for Tropical Biodiversity Conservation, Malappuram 3. M.S. Swaminathan Research Foundation Community Agro Biodiversity Centre, Wayanad 4. Kole Birders, Thrissur 5. Tropical Institute of Ecological Sciences, Thrissur 6. World Wildlife Fund, Thiruvananthapuram 7. Integrated Rural Technology Centre, Palakkad	8. Hume Centre for Ecology and Wildlife Biology, Wayanad 9. Kottappuram Integrated Development Society, Thrissur 10. Kerala Academy of Science, Thiruvananthapuram 11. Western Ghats Hornbill Foundation, Thrissur 12. Innovative Technologies Integrated, Thrissur 13. Foundation for Environmental Research and Innovations, Kannur 14. Red Grove Farm, Idukki 15. LUCA Science Portal/Kerala Sasthra Sahithya Parishad, Thiruvananthapuram
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5. INCUBATORS/STARTUPS

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| 1. Coexin Technologies Healthcare Pvt Ltd. | 41. Neiox Eco Cycle Pvt Ltd |
| 2. Phytocom Pharmaceuticals (P) Ltd | 42. Chemraw Tech OPC Pvt Ltd., Vadasseri |
| 3. Center For Research on Molecular Biology and Applied Science, Thiruvananthapuram | 43. Abix Global Pvt Ltd |
| 4. Biota Precision Agriculture Pvt. Ltd. | 44. Nyza Gold Food Enterprises |
| 5. Primordia Lifesciences Pvt Ltd | 45. Fawstech Innovations Pvt Ltd., Ernakulam |
| 6. Swasthia Foods | 46. InBiotek Microsystems, Ernakulam |
| 7. Lithiya Group, Ernakulam | 47. STEM-XPERT |
| 8. OmicsGen LifeSciences Pvt Ltd, Ernakulam | 48. Scire Science Pvt Ltd. |
| 9. Totem Resource Centre and Ethnic Destination, Wayanad | 49. AGSO Agrosoldier, Alappuzha |
| 10. BioQuatix Solutions Pvt. Ltd., Thiruvananthapuram | 50. XR Horizon |
| 11. Chemiecorp polymer Solutions | 51. Dronimagination, Ernakulam |
| 12. ZyGene Biotechnologies Pvt. Ltd., Ernakulam | 52. N-Rist Innovations |
| 13. RAFTAAR Agri Business Incubator, KAU | 53. AIDYNE Solutions LLP, Kochi |
| 14. Amal Jyothi College of Engineering, Kottayam | 54. Fuselage Innovations Pvt Ltd., Ernakulam |
| 15. Doctor John's Biotech Centre for Research and Development | 55. Corbel Business Applications, Ernakulam |
| 16. TIMed, Thiruvananthapuram | 56. Botanoids, Kochi |
| 17. Mahatma Gandhi University | 57. Inticure, Ernakulam |
| 18. Gnanlex Associates LLP, Thiruvananthapuram | 58. KRIBS-BIONEST, Ernakulam |
| 19. PhyEcoSyS Pvt. Ltd. | 59. Restor Health Consult |
| 20. Bio-Ayurvedic Naturals Pvt. Ltd. | 60. Concord Scientific Devices, Chennai |
| 21. Zealix Life, MGU, Kottayam | 61. Renovaxis Greentech Pvt Ltd |
| 22. Inter-University Centre for Biomedical Research and Super Speciality Hospital, Kottayam | 62. Lyrabyte |
| 23. Greenovative Foods Pvt Ltd. | 63. Zenturiotech Pvt Ltd. |
| 24. Travancore Institute for Bioscience Research | 64. Tessat Space Private Ltd. |
| 25. Biovent Innovations Pvt Ltd., Thiruvananthapuram | 65. Zewa Ecosystems Pvt Ltd. |
| 26. Bhoovalam Organic Solutions, Thiruvananthapuram | 66. Chullyfarm Service Pvt Ltd. |
| 27. Green Ahalia, Palakkad | 67. Adhi Veda Pharmaceutical Pvt Ltd. |
| 28. Bagmo Pvt Ltd. | 68. Zensattv Paushtik Jeevan LLP |
| 29. Alcodex Technologies Pvt Ltd., Ernakulam | 69. Bions |
| 30. KUFOS-BIC | 70. Wager International Pvt Ltd. |
| 31. Parayil Biofarm Pvt Ltd. | 71. Scopeful Bioresearch |
| 32. SJT Biotech Innovations Pvt Ltd. | 72. Kerala Start Up Mission |
| 33. Rajagiri College | 73. Bio360 |
| 34. LUKAHealthcare Pvt Ltd, Edathua | 74. Accubits Invent Pvt. Ltd. |
| 35. Ever Green Energy Technologies Pvt Ltd, Ernakulam | 75. IQZYME Medtech Pvt. Ltd. |
| 36. Green Energy Conveters, Ernakulam | 76. Alverstone Group of Companies |
| 37. Kuttanadan Initiatives Pvt Ltd | 77. DTPLENVIRO Techsolutions Pvt. Ltd. |
| 38. IndZita Biotech Pvt Ltd, Thiruvananthapuram | 78. BRIC-RGCB |
| 39. MagGenome Technologies Pvt Ltd., Ernakulam | 79. WellGenome Biotechnology |
| 40. Medscape Pharma Pvt Ltd. | 80. Jozef Foods, Ernakulam |
| | 81. Skysmile Technologies Pvt Ltd. |
| | 82. Green Museum, Wayanad |

6. KSCSTE INSTITUTIONS

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| 1. Kerala School of Mathematics, Kozhikode | 10. Srinivasa Ramanujan Institute for Basic Sciences, Kottayam |
| 2. Sophisticated Test and Instrumentation Centre, Ernakulam | 11. Centre of Excellence in Microbiome, Thiruvananthapuram |
| 3. Kerala Forest Research Institute, Thrissur | 12. Institute for Climate Change Studies, Kottayam |
| 4. Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode | 13. Jawaharlal Nehru Tropical Botanical Garden and Research Institute, Thiruvananthapuram |
| 5. Kerala Biotechnology Commission, Thiruvananthapuram | 14. Centre for Water Resources Development and Management, Kozhikode |
| 6. Intellectual Property Rights Information Centre Kerala | 15. Kerala Science Congress Curio Shop |
| 7. Centre of Excellence in Nutraceuticals, Thiruvananthapuram | 16. KSCSTE Library |
| 8. National Transportation Planning and Research Centre | |
| 9. EIACP | |

PARTNERS



SPONSORS

