

REPORT

International Analytical Science Congress (IASC) – 2026

22 – 24 January 2026

KLE Centenary Convention Center, Belagavi

The International Analytical Science Congress (IASC)–2026 was organized from 22 to 24 January 2026 by the Department of Chemistry, Rani Channamma University (RCU), Belagavi, in association with the Indian Society of Analytical Scientists (ISAS), Belagavi Chapter, Visvesvaraya Technological University (VTU), and KLE Society's Raja Lakhamagouda Science Institute (Autonomous), Belagavi. The congress was conducted under the theme “Innovations in Science and Technology for a Sustainable Future” and aimed to provide a high-level academic and research platform for scientists, academicians, industry professionals, and research scholars from India and abroad.

The event was conceptualized to strengthen interdisciplinary research, foster collaboration between academia and industry, promote analytical sciences in emerging domains, and align research activities with national and global sustainability priorities.

The inaugural session of IASC–2026 was held on 22 January 2026 at the KLE Centenary Convention Center, Belagavi. The congress was formally inaugurated by Prof. C. M. Thyagaraja, Hon'ble Vice-Chancellor, Rani Channamma University, Belagavi.

In his inaugural address, Prof. Thyagaraja provided a comprehensive scientific and societal perspective on contemporary global challenges. He emphasized that the present generation is confronted with three interconnected global imbalances: environmental imbalance, hydrological imbalance, and biological imbalance. He elaborated that environmental imbalance arising from pollution, industrial emissions, and unsustainable exploitation of natural resources has destabilized ecological systems. Hydrological imbalance is reflected in polluted lakes and rivers, groundwater depletion, and the increasing occurrence of extreme climatic events such as floods, landslides, storms, and coastal disturbances. Biological imbalance manifests in the rising prevalence of lifestyle disorders, emerging infectious diseases, and large-scale public health crises such as the COVID-19 pandemic.

Prof. Thyagaraja highlighted that analytical science plays a pivotal role in diagnosing, monitoring, and mitigating these imbalances. He observed that analytical science has

evolved far beyond conventional chemical analysis and has become a precision-driven, multidisciplinary domain integrating advanced instrumentation, nanotechnology, biosensors, environmental monitoring systems, pharmaceutical quality assurance, materials characterization, and emerging technologies such as artificial intelligence and machine learning. He described modern science as a precision science in which accuracy, authenticity, and reliability are fundamental requirements.

He further stressed that the evolution of a scientist is as significant as scientific discovery itself. He underscored the importance of continuous learning, experimentation, innovation, and publication. Universities, he stated, must function as vibrant knowledge ecosystems where young minds are encouraged to question, explore, and innovate rather than merely pursue degrees. He cautioned against outdated syllabi and repetitive research topics and urged academic institutions to align their research priorities with contemporary societal needs and national missions.

Prof. Thyagaraja also shared his long-term vision of transforming Rani Channamma University into a Science City with enhanced infrastructure, advanced laboratories, and interdisciplinary research facilities. He reaffirmed his commitment to strengthening the Department of Chemistry as a flagship department capable of leading research in environmental science, energy systems, materials chemistry, and sustainable technologies.

The inaugural session was presided over by Dr. Raghav Saran, National President of ISAS. The Chief Guest and Keynote Speaker was Prof. Pramod S. Patil, Research Director, D. Y. Patil Education Society, Kolhapur. The Guest of Honour was Prof. Chanchana Thanachayanont from the National Metal and Materials Technology Center (NSTDA), Thailand.

During the session, the Souvenir and Book of Abstracts of IASC–2026 were formally released by the dignitaries, marking the official commencement of the scientific proceedings.

Release of Souvenir and Book of Abstracts during the Inaugural Session of IASC-2026 at Belagavi



(Left to Right) Prof. J. Manjanna (Convener, IASC-2026), Prof. Dinesh Rangappa (Co-Convener, VTU), Dr. Jyothi S. Kawalekar (Co-Convener & Principal, RLS Institute, Belagavi), Prof. Pramod S. Patil (Chief Guest & Research Director, D. Y. Patil Education Society, Kolhapur), Dr. Raghaw Saran (National President, ISAS), Prof. C. M. Thyagaraja (Inaugurator & Hon'ble Vice-Chancellor, Rani Channamma University, Belagavi), Prof. Chanchana Thanachayanont (Guest of Honour & Director, Environment Research Group, NSTDA, Thailand), and Prof. Avinash Bharati (Secretary, IASC & Ramdeobaba University, Nagpur) during the inaugural session of the International Analytical Science Congress (IASC)-2026, held at KLE Centenary Convention Center, Belagavi.

The scientific programme of IASC–2026 was extensive and covered a broad spectrum of analytical science and its applications. The programme comprised nine keynote lectures, nine plenary lectures, and twenty-two invited lectures delivered by distinguished scientists from India and abroad. Multiple parallel technical sessions were conducted over three days.

The thematic areas included advanced analytical techniques, spectroscopy and chromatography, electrochemical energy systems, nanomaterials and sensors, environmental and pharmaceutical analysis, nuclear and isotope technologies, materials chemistry, and AI-driven data analytics. The integration of computational methods and machine learning in analytical research was also discussed extensively.

Approximately one hundred oral and poster presentations were made by research scholars and faculty members from universities and research institutions across the country. These sessions provided a valuable platform for academic exchange, critical discussion, mentoring, and collaborative exploration of research ideas. The quality of presentations reflected active research engagement and emerging interdisciplinary approaches.

An exhibition of advanced scientific technologies and instrumentation was organized concurrently with the conference. Major participants included Kaiga Generating Station (NPCIL), Board of Radiation and Isotope Technology (BRIT), Mumbai, Robust Materials Technology, and other analytical instrumentation companies.

The exhibition facilitated interaction between academia and industry and exposed students and researchers to practical technological applications in nuclear science, radiation technology, materials research, and industrial analytics. The exhibition was inaugurated by Dr. D. K. Sinha, Chief Executive Officer of Gujarat Mineral Research Industrial Consultancy Society (GMRICS) and former Director of Atomic Minerals Directorate (DAE), along with Dr. Raghaw Saran and officials from Kaiga Generating Station.



Dr. D. K. Sinha, Chief Executive Officer (CEO), **Gujarat Mineral Research Industrial Consultancy Society (GMRICS)** and Former Director, **Atomic Minerals Directorate (AMD)**, **Department of Atomic Energy (DAE)**, along with **Dr. Raghav Saran**, National President, **Indian Society of Analytical Scientists (ISAS)**, and officials from **Kaiga Generating Station, Nuclear Power Corporation of India Limited (NPCIL)**, inaugurating the exhibition during the **International Analytical Science Congress (IASC)-2026**, held at the **KLE Centenary Convention Center, Belagavi**.

As part of the academic enrichment activities, the Internal Quality Assurance Cell (IQAC), RCU, organized a Symposium on Academia–Industry Interaction under the PM-USHA–MERU Grant (Soft Component #11) on 23 January 2026.

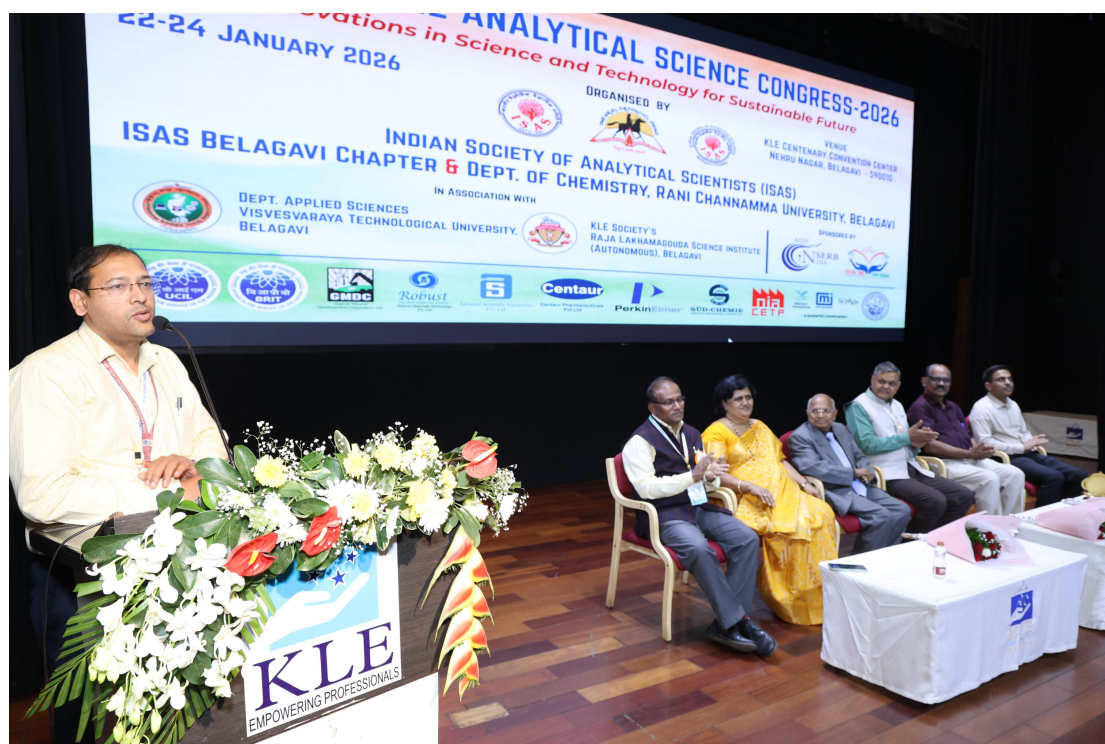
The symposium was chaired by Dr. D. K. Sinha. A keynote address was delivered by Prof. Chanchana Thanachayanont, providing a global perspective on collaborative research ecosystems. A plenary lecture was presented by Dr. G. P. Nayaka from the National Chemical Laboratory (NCL), Pune. A panel discussion involving national and international experts facilitated dialogue on commercialization, innovation ecosystems, and collaborative research frameworks. The session concluded with an interactive discussion involving students and faculty members, thereby bridging theoretical research and industrial application.



The valedictory session was held on 24 January 2026. Prof. J. Manjanna, Convener of IASC-2026, presented a comprehensive report summarizing the proceedings, participation statistics, and outcomes of the conference.

The valedictory address was delivered by Dr. D. K. Sinha, who emphasized the importance of sustained research efforts and national development through scientific innovation. Presidential remarks were delivered by Dr. Raghaw Saran, who appreciated the organizational efforts and highlighted the role of ISAS in strengthening analytical science education and networking across the country.

Best Poster and Oral Presentation Awards were distributed to outstanding young researchers. The programme concluded with a vote of thanks proposed by Dr. Rajappa, acknowledging the contributions of dignitaries, speakers, sponsors, organizing committee members, volunteers, and participants.



The congress witnessed participation from approximately 300 delegates, including faculty members, research scholars, postgraduate students, and industry professionals. International representation enhanced the global dimension of the conference.

The event strengthened research networking, promoted interdisciplinary collaboration, encouraged student engagement in scientific discourse, and enhanced the academic visibility of Rani Channamma University at national and international levels. The conference contributed significantly to the research ecosystem of the university and aligns with NAAC Criterion III pertaining to Research, Innovations, and Extension.

The International Analytical Science Congress (IASC)–2026 successfully achieved its objectives of promoting analytical science research, fostering academic collaboration, strengthening industry linkages, and encouraging young researchers. The deliberations emphasized precision science, sustainability, technological innovation, and national development. The event stands as a significant milestone in the academic

and research activities of Rani Channamma University and contributes meaningfully to its vision of becoming a leading center for scientific excellence.

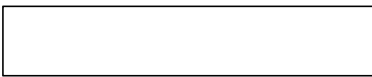
Keynote Speakers



K-1: Prof. PS Patil



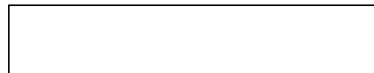
**K-2: Dr. DK Sinha, CEO, GMRICS
(Ex-Director, AMD/DAE)**



Dr. Vinay Kumar, BITS Goa

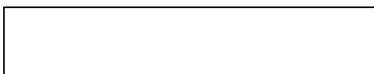
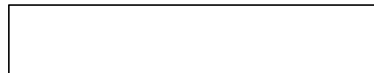


Dr. Ahmad Ilyas Rushdan, Malaysia

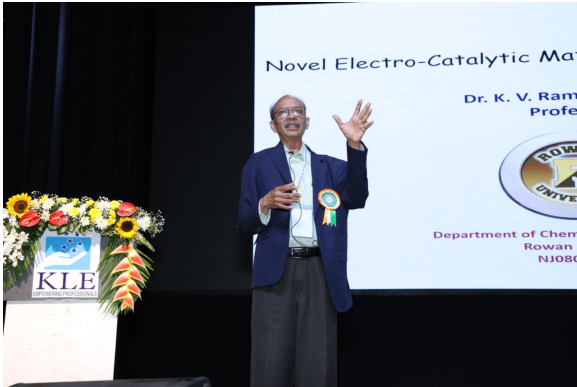




Prof. Chanchana T, Thailand



Plenary Speakers



Prof. K. Ramanachary, Rowan University, USA



Prof. Rengaraj Selvaraj, Sultan Qaboos Univ., Muscat, Oman



Dr. Nilkamal Mahanta, IIT Dharwad



Prof. CV Yelamaggad, CNeS, Bangalore



Dr. GP Nayaka, CSIR-NCL, Pune

