



# International Analytical Science Congress 2025



08<sup>th</sup> March 2025



**Indian Society of Analytical Scientist (ISAS) has hosted “International Analytical Science Congress-2025” in collaboration with The M. S. University of Baroda, Vadodara from March 6th to 8th, 2025.** ISAS is a national organization with branches spanning 10 chapters across India and a membership of more than 3,500 researchers. Since its expansion from a National Congress to an International Congress in 2024, ISAS has gained significant global recognition, attracting distinguished researchers and experts from various scientific disciplines.

This year, the conference was themed **“Metamorphosis of Analytical Sciences: Integrating Interdisciplinary Synergies & AI for a Sustainable Future (MAS: ISAS).”** The event brought together delegates from around the world to exchange knowledge and foster collaborations. Eminent directors from premier research institutes, including the Indian Space Research Organisation (ISRO), Ahmedabad, Board of Radiation & Isotope Technology (BRIT), Bhabha Atomic Research Centre (BARC), Uranium Corporation of India (UCIL), Atomic Mineral Division (AMD), Nuclear Fuel Complex (NFC), the National Council for Cement and Building Materials (NCCBM), as well as experts from the pharmaceutical, life sciences, nanotechnology, chemicals, petrochemicals, environmental, and green energy sectors, and analytical instrumentation participated as keynote speakers. These distinguished speakers delivered insightful technical talks covering a broad spectrum of research and development areas. In total, the conference featured approximately 56 speakers and over 150 participants.

The event also included an exhibition showcasing advancements in analytical instruments and newly developed analytical services. It also included glimpses of Artificial Intelligence (AI) in the field of analytical sciences

The conference was presided over by Her Highness, Rajmata Shubhangini Raje Gaekwad, who encouraged delegates and participants while highlighting the pivotal role of analytical sciences in research and development.

The Chief Guest, Prof. Kamachi U. Mudali, Vice-Chancellor of Homi Bhabha National Institute, shared his vision regarding atomic energy and its crucial role in national development. In his address, he underscored the significance of analytical sciences in achieving the goals outlined by the Government of India.

The Guest of Honor, Shri Nilesh Desai, Director of the Space Applications Centre, ISRO, Ahmedabad, provided key insights into India's space programs. He emphasized the role of analytical sciences, Artificial Intelligence, and Machine Learning not only in space technology but also across various scientific and technological domains.

Prof. Dhanesh Patel, In-Charge Vice-Chancellor of The Maharaja Sayajirao University of Baroda, and Prof. H.R. Kataria, Dean of the Faculty of Science, stressed the importance of such conferences in inspiring young researchers and shaping their careers for national progress.

Dr Raghaw Saran, National President (ISAS) and Dr. Suneet Kumar Yadav, Chairman, Baroda Chapter, Gujarat (ISAS) shared the objectives of ISAS and the significance of this International Conference, being organised over the years at various places in India.

Awards to distinguished researchers, eminent industry experts and academicians who have immensely contributed to the advancements in the field of sciences and technology for meeting the vision and goal of Government of India, were handed over during the IASC2025

A Round Table conference was conducted by Dr. S.K.Yadav with eminent senior dignitaries and prominent research scientists for reviewing, discussing and arriving on the points or issues which are required to be addressed for meeting India's Science and Technology Goals. The event successfully provided a dynamic platform for researchers, academicians, and industry professionals to explore innovations and emerging trends in analytical sciences, fostering meaningful collaborations for a sustainable future.