



Indian Analytical Congress-2025

IAC-2025 (4th Edition)

(An International Analytical Conference and Exhibition)



IAC-2025

Call for Abstracts

Theme: “Analytical Sciences-Shaping the Future”

November 20-22, 2025

Jointly Organized by

**Indian Society of Analytical Scientists (ISAS)-Delhi Chapter and
Department of Chemistry, M.D. University, Rohtak**

Venue: Maharshi Dayanand University (MDU) Rohtak, Haryana (India)

About IAC-2025 (Theme: Analytical Sciences- Shaping the Future)



Climate change, driven by human activities, is already having profound impacts on the planet, with effects ranging from rising temperatures and extreme weather events to disruptions in ecosystems and human health. These changes are expected to intensify in the coming years and decades, impacting various aspects of life. The alarming impacts of climate change has forced the countries world over to move towards clean, green and sustainable chemical technologies, processes and products, in order to realize a safe, better & more sustainable future for the whole humanity including animal habitat, flora and fauna.

India is at the cusp of great energy transition, which is stated to be a low carbon green transition to reach net zero emissions by 2070 and this has set the agenda for the Indian Industry for next 5-decades. To meet fifty percent of its electricity requirements from renewable energy sources by 2030 is a hugely significant moment for the global fight against climate change. India remains a energy hungry country i.e. India Needs More Energy but with Less Carbon in order to meet the stated goal of Net Zero by 2070.

Affordable and Clean Energy goals can be met through the development of new technologies & materials which have less carbon footprint but higher efficiency at the same time. In this quest, a range of new technologies and products are being developed and researched worldover. Some of these are; adopting green & sustainable processes, bio-refineries producing Sustainable Aviation Fuels (SAF), bio-based chemicals & plastics, Gas-based Economy, Waste to value added products, Industrial waste water purification processes, Bioenergy (1G, 2G & 3G Technologies), Compressed Biogas (CBG), Plastic Circularity & Neutrality, Carbon Capture, Storage and Utilization (CCSU), Renewable Power, Green Hydrogen and Fuel Cell – Production technologies with much reduced cost of production, Electric Mobility using efficient and cost effective battery technologies, Material & Energy Efficiency improvement using new catalysts & materials, Digitalization, etc.

Analytical techniques are ubiquitous irrespective of the research domains as no meaningful research work can be considered completed unless supported by detailed characterization and analytical data. In this journey towards a sustainable future, advanced Analytical tools shall play a significant and central role. Whether it is measurements of water, air, refuse, soil and sludge to safeguard the environment, or deep characterization of new materials and catalysts, or new materials to be implemented in commercial devices, degradation mechanisms etc, a detailed understanding of their underlying chemistry and structure is required. The IAC-2025 intends to share latest developments and research achievements in the above domains by utilising advanced characterization techniques such as x-ray diffraction (XRD), x-ray absorption spectroscopy (XAS), tunneling electron microscopy (TEM), NMR, Mass spectrometry, electro-analytical techniques, ICP-MS, GC-MS, and other traditional analytical tools, that can help reveal important properties thru characterization of local structures in much finer details. IAC-2025 intends to discuss the latest and exciting happenings in the above domains impacting the future.

IAC-2025 Topics & Coverage



IAC-2025

Scientific Domains	Analytical Technologies
<ul style="list-style-type: none">❖ Energy and Energy Devices (EED)❖ Chemicals, Petrochemicals and Polymers❖ Bio-based chemicals & Polymers❖ Renewables including Bioenergy❖ Drug & Pharmaceuticals❖ Life Sciences & Natural products❖ Agricultural & Food❖ Environmental sciences❖ Material Science and Catalysis❖ Biotechnology❖ Nanotechnology❖ Forensic science❖ Geology	<ul style="list-style-type: none">❖ Spectroscopic Techniques (NMR, MS, GC-MS etc)❖ Chromatographic Techniques (GC, HPLC, LC-MS, etc)❖ X-ray Techniques❖ Microscopy & Imaging Techniques❖ Atomic Spectroscopy❖ Surface characterization Techniques❖ Thermal Analytical Techniques❖ Hyphenated Techniques❖ Off-line and On-line analytical technologies for process control❖ Innovations in Lab safety & furniture❖ Analytical & Lab equipment's❖ Any other relevant domain / analytical technique

Call for Abstracts



IAC-2025 EVENT COMPONENTS

- *Conference*
- *Exhibition*
- *Scientific & Technical Sessions*
- *Poster Presentations*
- *Awards for best paper /Poster presentation*

Technical Sessions

- *Plenary/Keynote Lectures*
- *Invited Lectures*
- *Oral Sessions*
- *Poster Sessions*

Researchers from all the domains of sciences working in diverse domains are invited to submit their contributions around the theme/topics of the conference. Please submit a short Abstract (1 page maximum, without figures/tables) for Oral / Poster sessions via the following google link:

<https://docs.google.com/forms/d/e/1FAIpQLSe6-1dXxO83cHMMcWNTGDz4ST2adtWRvs9jLlaMlaiRH0Izmw/viewform?usp=dialog>

PLEASE SUBMIT THE ABSTRACT ONLY USING THE GOOGLE LINK FORM

Poster Competition:

IAC-2025 welcome all the young researchers from academia and industry and students to present research work in the Poster Sessions. Due to limited speaking slots, majority of the contributed papers shall be accommodated in Poster Sessions.



Poster sessions will see healthy competition amongst the researchers, as few papers shall be selected for Best Poster Awards by an eminent Jury. This competition is open to all including students (Graduates, Post Graduates & Research Scholars) and faculties. Best posters awards will comprise of a Certificate, and Cash Award.

Registration Fee

Category	ISAS-Life Members	ISAS Non-members	On the Spot
Students (M.Sc.)	Rs. 1000		Not Available
Research Scholars /Associates	Rs. 1500	Rs. 2000	Rs. 2500
Academia	Rs. 2000	Rs. 2500	Rs. 3000
Industry	Rs. 4000	Rs. 4500	Rs. 5000
Foreign	USD 100		



Indian Analytical Congress-2025 Exhibition



IAC-2025

IAC-2025 will also have Exhibition displaying latest analytical technologies & equipments from the leading manufacturers and Industrial players. The exhibition spread over three days provides a golden opportunity to the perspective manufacturers & importers of laboratory and scientific instruments to showcase and promote their products.

PRODUCT CATEGORY:

- *Analytical Instruments*
- *Laboratory Technologies*

PRODUCT CATEGORY:

- *Laboratory Automations*
- *Laboratory Information Management Systems*

Exhibition Stall Charges

- Rs. 50,000 for 1 Booth (Size = 3x3 meters)
- Rs. 1,00,00 for 2 Booths
- Rs 2,00,000 for 2 Booths plus Speaking Opportunity (30 Minutes slot)

Charges cover free registration (2 persons per booth), conference kit, participation in all sessions, lunches & Dinner etc

Sponsorship Opportunities

- Diamond Sponsor = Rs. 5 Lacs
- Platinum Sponsor = Rs. 3 Lacs
- Gold Sponsor = Rs. 2 Lacs
- Silver Sponsor = Rs. 1 Lac
- Bronze Sponsor = Rs. 50,000/-

Important Cut-off Dates

Abstract Submission : 30th August 2025

Acceptance of paper : 30th September 2025

Registration Fee Payment# : 30th October 2025

No paper will be included in the conference unless the registration Fee is paid in advance

Accommodation:

Limited accommodation will be available in the University Guest houses /transit hostel on advance payment basis, on first-cum-first-serve basis.

Organizers will also negotiate special rates with the nearby hotels, details of which shall be shared in the subsequent circulars.

Book your slots in this exciting event now!

Send queries about Exhibition & sponsorship to : singhdheer@indianoil.in (Dr Dheer Singh)

About Indian Society of Analytical Scientists- Delhi Chapter (www.isasdelhi.org)



Indian Society of Analytical Scientists-Delhi Chapter (ISAS-DC) with its head Office at Indian Oil Corporation Ltd R&D Centre, Faridabad is a multi-disciplinary body whose major functions are to inculcate & promote analytical sciences . It organize s Symposiums/ workshops on various topics on analytical sciences relevant to academics and industry. ISAS provides a common forum for Analytical Scientists to exchange ideas, keep themselves abreast of the latest developments in this field, thus promoting the growth of analytical sciences in the country. More than 1600 life members from more than 100 organizations are part of this chapter.

About MDU, Rohtak (<https://mdu.ac.in/>)

Maharshi Dayanand University, Rohtak, named after a great social reformer. The University was established through an Act of Legislative Assembly of Haryana in the year 1976 with special objective - "To establish and incorporate a teaching cum affiliating University at Rohtak for the encouragement of interdisciplinary higher education and research". It is located 70 kms away from Delhi on NH-10 and spread in 600 acres of land. During the last over 48 years of its existence the University has achieved a remarkable degree of success in its expansion programmes, infrastructural developments and in academic excellence. The University today functions under 10 faculties with 37 post-graduate departments on the campus running 77 academic programmes and it has ~600 institutions & colleges under its control with an enrolment of ~1.7 lacs students.

About Chemistry Department

The Department of Chemistry was established in 1970 as a wing of the then Regional Centre, Panjab University, Chandigarh. In 1974 this became as a part of Regional Centre of the Kurukshetra University. When Maharshi Dayanand University came into existence in 1976, this Department became the University part.

The department imparts education in Chemistry at M.Sc. level with Inorganic, Physical and Organic specializations. The department also provides good opportunities for research at doctoral and post-doctoral levels on a variety of topics in conventional and inter-disciplinary areas in Chemistry with other departments and institutions.

For Participation, please Contacts



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PLEASE SUBMIT THE ABSTRACT ONLY USING THE GOOGLE LINK FORM .

Abstracts not to be submitted via email.

Pictures of MDU Campus and Chemistry Department







How to reach MDU, Rohtak (Haryana)



Rohtak is a city and the administrative headquarters of the Rohtak district in the Indian state of Haryana. It lies 70 kilometres (43 miles) of New Delhi. Rohtak forms a part of the National Capital Region (NCR)

To reach Rohtak by air, one has to arrive at the Indira Gandhi International Airport in Delhi. Getting to Rohtak is very comfortable from Delhi, a new four Lane highway has been developed which connects Delhi to Rohtak. **Travel by Car/taxi takes about an “hour & a half” from New Delhi Railway Station or Delhi National/International Airport.**

Train Services: Rohtak can be accessed from different cities of India through well developed railway network. To reach Rohtak by train from the cities like Delhi, Rajasthan, is very easy due to the highly-developed rail network. Rohtak falls under South Eastern Railway network. While getting to Rohtak by train, people can also start their journey from cities like:

Bhubaneswar • Cochin • Kanpur • Allahabad • Chennai • Mumbai • Ajmer • Jaipur
• New Delhi • Nagpur • Patna • Bangalore •