



INTERNATIONAL ANALYTICAL SCIENCE CONGRESS 2024

Focal Theme : Analytical Sciences and Technologies: Futuristic Trends - for Energy, Environment and Sustainable Development (AST: FT-EESD)

Jointly Organised by



Indian Society of Analytical Scientists & Jawaharlal Nehru Aluminium Research Design and Development Centre

Co-organised by



VNIT Nagpur



RCOEM Nagpur



ISAS Nagpur Chapter



VNIT, Nagpur, Maharashtra



22nd to 24th February 2024



iasc2024nagpur@gmail.com

Sponsored by



THE CONFERENCE

Analytical Science is essential for rational research and action in all areas of science and technology whether industrial research and development, in production and quality assurance, geosciences, metallurgical, pharmaceuticals, household goods, food, health care, forensics, environment protection etc. High quality analytical expertise leads to safe, eco-friendly sustainable development. The present century, is all set to witness smart information through intelligent instrumentation system utilizing AI. It would not be far to realize the vision of LOC (Laboratory on Chip) with the advent of miniaturization with great benefits of space economy, far reduced consumption of chemicals and environmental pollution leading to green chemistry.

ISAS being one of the largest vibrant societies of the country is in unique position to assess the fast-growing Research and Development in the analytical and allied fields. The programs organized by ISAS, its members could be instrumental in solving the product and service-oriented challenges through a common forum of broad spectrum of analytical and allied sciences and technology. The forum would provide opportunities for newer chemical and analytical researches employing ecofriendly green chemistry for sustainable development to realize centenary goals of the independence of the country. As we are at a juncture where innovation and interdisciplinary research are crucial to achieve and boost the goals set for the growing nation like ours, it becomes a moral imperative to exchange novel ideas using available advanced technologies. With this in view, ISAS has decided to organize an International Conference - Analytical Science Congress 2024 (IASC 2024) with the theme, "Analytical Science and Technology: Futuristic Trends for Energy, Environment and Sustainable Development (AST: FT-EESD)".

The conference is organized at Nagpur, Maharashtra during February 22-24, 2024. The conference will provide an interface for innovation and research highlighting futuristic trends in multidisciplinary sciences and technologies, analytical and allied science, paradigms of conventional and non-conventional energy with an aim to create a vision for future supporting sustainable development. Exploration of advances in diversified and strategic sector of analytical science and technology will be prioritized and the conference would provide a platform to all stakeholders to share their research work and new research areas, cutting edge technologies, innovative solutions etc., which may cause furtherance to their work. Participants would get an opportunity to have one to one interaction with experts from industry, government bodies and research institutes to enrich their knowledge and future collaborations. The conference would provide a national platform to the participants to evaluate the status of the development made and to be made to achieve sustainable centenary targets of the country. The august presence of all the participants to derive utmost benefit of the conference and make it a grand success by sharing your research data is earnestly solicited.

ABOUT THE SOCIETY

ISAS, Indian Society of Analytical Scientists, is a premier Scientific body of the country with the sole objective to provide nodal forum for multidisciplinary Sciences, Technology, R&D, Academia, and Industry to reap the benefit of new Research and Developments for common populace.

The Society was established in the year 1983 at Bhabha Atomic Research Centre as headquarters, almost four decades back and is 3000+ members strong with 10 chapters spread in wide part of the country. Since inception, the Society is involved in realising the pivotal objective of disseminating science from the grassroots. During the past 40 years, the Society a professional body of the analytical scientists has been engaged in assessing and analysing the impact of analytical sciences in almost every walk of life employing the latest state of art analytical techniques including on site analytical techniques LIBS etc. With the objective in view, Society has organized seventeen analytical science congress (annually one), over forty-five national and international conferences on various relevant topics of interest to the scientific community keeping the metamorphism of analysis in sight. The conferences were very well attended by leading professionals from India and abroad. Besides, large number of workshops, seminars, invited talks and several student-based activities such as quiz, essay writing, debate competitions, etc. were also organized by the Society.

Though the long pandemic, Covid-19, reduced normal activities due to mandatory isolations/quarantines, the society organized 78 webinars during 2020 and 2021 to commemorate Azadi Ka Amrit Mahotsav and launched an e-version of selected talks with the title "Azadi Ka Amrit Mahotsav - a few excerpts". The Society publishes Journal of ISAS, an open access, peer reviewed, quarterly e-Journal, free of any charge (both sides, author as well as reader) with DOI to bring research articles related to analytical and allied fields such as process development, instrumentation, statistical analysis, environmental analysis, and management to light. The Society publishes its e-newsletter too. The Society has instituted various awards such as Life time achievement awards, Awards of Excellence, Aatmanirbharta awards etc. to outstanding Scientists besides Fellowship of ISAS.

Nagpur Chapter of ISAS founded in the year 2000 with similar objective is equally active and was awarded as the most vibrant chapter of ISAS for the tenure 2019-2022 besides Performance Excellence Award - 2022 to the Chairman, Secretary, and office bearer of the chapter during Indian Analytical Science Congress 2022 at Munnar.

ABOUT NAGPUR

Nagpur known as tiger capital of India is geographical center of country. It is also winter capital of state of Maharashtra, a sprawling metropolis, and the 13th largest city of the India.

Nagpur is also famous for orange production and known as "Orange city"

Few Visiting Places near by Nagpur:

Zero Mile (Geographic Center of India)
Tadoba Tiger Reserve (Chandrapur),
Bor Tiger Reserve (Nagpur),
Ramtek Fort Temple,
Dikshabhoomi Nagpur,
Pench Tiger Reserve,



IASC 2024

CALL FOR PAPER



TOPICS

- ◆ Latest innovations and ensuing future developments in analytical techniques and their applications in varied fields including agriculture, space technology, pesticide and allied, food, food adulteration, geological materials, metallurgy, mining, mineral processing, petroleum refining, chemical and petrochemicals, pharmaceuticals and fine chemicals, forensics, bio-technology, nanotechnology, space technology, miniaturization coupled with automation, robotics, AI.
- ◆ Scenario of existing and future non-renewable and renewable energy including nuclear energy.
- ◆ Environmental control, pollution and its control, green houses, methane budget, ozone hole, climate change, e-waste, green chemistry.
- ◆ Requisites for ecological balance, implementation of safe operations and National Development plans for power and other plants, indigenous analytical equipment in the country.
- ◆ Resource generation for trained expert manpower in analytical sciences adequate to cope the existing analytical requirement for sustainable development target set for the centenary year.

REGISTRATION FEES

Early Bird (Till 31 January, 2024)

Indian	₹ 5000
Foreign	\$ 1000
ISAS Life Members	₹ 3000
Students (ISAS Members)	₹ 1000
Students	₹ 1500

Regular (After 31 January, 2024)

Indian	₹ 5500
Foreign	\$ 1250

Spot Registration

Indian	₹ 6000
Foreign	\$ 1500

Accompanying Person

Indian	₹ 2000
Foreign	\$ 500

IMPORTANT DATES

10th Jan 2024

Abstract submission closes on

20th Jan 2024

Communication of Acceptance

31st Jan 2024

Early bird registration closes on

22nd - 24th Feb 2024

Conference Date

ABSTRACT FORMAT

Abstract of the papers being submitted (for presentation at the conference) should not exceed 500 words in length. The language should be English with Times New Roman fonts and conform to the following format: Title in size 14 fonts, bold capital letters, centred; Author(s) Name(s), centered, presenting author's name underlined; affiliation and address (including e-mail) in 12 fonts, centred; all text in 12 size fonts; with a margin of 3cm on top and bottom and 2.5 cm on left and right side of each page. Figure caption should be given under the figure and table heading should be given on the table. References in the text should be in square brackets and they should be listed at the end of the abstract in the ascending order, with initials and name of the authors, journal name (italic), year, volume (bold and italic), page numbers.

For example, M. L. Sharma, P. Jagdeeshan and R. Kumudam, *Talanta*, 2019, 42, 1162.

Books should be sighted as V. K. Menon, Handbook on XYZ, Elsevier, Amsterdam, 2005, vol. 35, pp. 109-284.

AWARDS

Best contributed paper (oral and poster) will be awarded. The best innovation/self-reliance in the field of analytical instrumentation would also be awarded.

PUBLICATION IN JOURNAL

Selected papers may be considered for publication in peer reviewed journals/scopus journals on full filling the requisite.

Submission link

isac2024nagpur@gmail.com

IASC 2024

EXHIBITION

Exhibition is an integrated part of IASC. The conference will provide an excellent opportunity to open-up new collaborations, joint ventures, technology transfer etc. The exhibition will showcase analytical instruments, industrial products and discuss the future business scope among participating organisations, experts, and delegates. Stalls of size 3x3 meter shall be provided against payment of 100,000. Each exhibitor is offered 2 complementary registration and listing in the souvenir.

SOUVENIR

A souvenir consisting of abstracts of the scientific papers, advertisements and general information will be published. The organizing committee requests all the well-wishers/ participants to render their utmost support by way of providing advertisements, scientific inputs etc., in the souvenir.

ADVERTISEMENT

Tariffs for advertisement in the souvenir are given below:

Back Cover	₹ 1,50,000
Inside Cover	₹ 75,000
Full Page Colour	₹ 35,000
Full Page B&W	₹ 25,000

SPONSORSHIP

Sponsorships are solicited from well-wishers for organising the conference as per details below.

Platinum (₹ 5 lakhs)

5 Free delegates, 10 min business talk, 1 full page colour advertisement, display of logo at the venue and 1 exhibition stall

Diamond (₹ 3 lakhs)

4 Free delegates, full page colour advertisement & display of logo at the venue

Gold (₹ 2 lakhs)

3 Free delegates, full page colour advertisement & display of logo at the venue

Silver (₹ 1 lakhs)

2 Free delegates, full page colour advertisement & display of logo at the venue

PAYMENT OPTIONS & INFORMATIONS

Delegates Origin	Mode of Transfer	Account Details
Foreign Delegates	Wire Transfer *	Account No. 41978091978 State Bank of India IFSC: SBIN0011418 MICR: 440002035 CIF No. 80161803859 Friends Colony, Katol Road Nagpur- 440013.
Indian Delegates	Account transfer/ NEFT/ Demand Draft *	

• Demand Draft shall be drawn in favour of "IASC 2024", payable at Nagpur and to be sent to the conference secretariat.
* Participants must bear the bank charges.

REACHING NAGPUR

Babasaheb Ambedkar International airport is the nearest airport (8 Km) to the venue of the conference. Nagpur being central place in the country is well connected to all main destinations in India by a very good network of trains, Nagpur railway station being about 6 Km from venue.

ACCOMODATION

Organizers have reserved limited number of rooms at VNIT and other Guest houses and hotels at near the conference venue at special discount rates. Hotel assignment will be made on a first come first served basis. Participants are free to arrange accommodation at their own cost. Nagpur has a wide choice of good hotels with a wide tariff range. For student-participants budgeted accommodation can be provided on request and the same will be confirmed on the receipt of the accommodation charges well in advance. Organizing committee can assist the participants to reserve their accommodation.

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