

The global significance of chemistry has now been officially recognized as 2011 is being celebrated as the international year of chemistry, thanks to a resolution adopted by the United Nations during its 63rd general assembly in December 2008. The UN's Educational, Scientific and Cultural Organization (UNESCO) and the International Union of Pure and Applied Chemistry (IUPAC) are taking lead in planning the event. 2011 is also the 100th anniversary of Marie Curie's receipt of the Nobel prize for chemistry. Director-General of UNESCO, Koïchiro Matsuura, has welcomed the opportunity to celebrate 'one of the fundamental sciences', and stressed the importance of raising public awareness about chemistry with regard to the challenges of sustainable development.

To be a part of these celebrations Globally, Indian Society of Analytical Scientists (ISAS) -Delhi Chapter is organizing a Three-days International National Symposium on the topics of "Recent Advances in Chromatography Sciences" and "Green Chemistry", from **January 12-14th, 2012 at Manav Rachna International University, Faridabad.**

The symposium is being organized in active association of IndianOil R&D Centre, Faridabad, the Petrotech Society, Delhi and Manav Rachna International University, Faridabad

Scope of the Symposium

The International symposium endeavors to provide a platform to deliberate on recent advances in the field of "Chromatographic Sciences" and "Green Chemistry". Building upon the theme, the Symposium will emphasize latest developments in these areas in various fields of chemical, biological and allied sciences. Through the involvement of International / National experts, the organizers aim to share the latest excitement in these areas with the scientists in academia, industry, National laboratories, teachers and students.

The technical programme of the symposium will include both invited lectures, oral and poster presentations. Many eminent scientists will deliver lectures highlighting latest advancement in the fields of "Chromatographic Sciences" and "Green Chemistry".

The organizing Committee of the Symposium takes pleasure in inviting scientists and researchers working in the following listed areas to participate and present a paper in the above symposium. Young researchers and students are specifically encouraged to present their research findings in the symposium by way of oral/poster presentations.

Major Areas of Technical Deliberations

Green Chemistry

- Biocatalysis for Green Processes
- Catalysis
- Designing Chemicals for Reduced Toxicity
- Environmental Health Science
- Green Analytical Chemistry: Efficient Analysis Solutions
- Green Chemistry Approaches to Renewable Energy
- Greening Formulated Consumer Products
- Greener Pharmaceutical Processes and Products

- Green Solvents
- Life Cycle Assessment
- Material Science
- Methods for Assessing Green Chemicals & Materials
- Bio based Polymers
- Synthesis and Separations
- Sustainable Recycling Methods

Chromatography Techniques

- Fundamentals of Chromatography techniques
- Gas Chromatography
- Liquid Chromatography techniques
- Multidimensional Chromatography
- Hyphenated Techniques
- Extraction techniques (solid-phase extraction, SPE; solid-phase micro-extraction, SPME; liquid-phase micro-extraction, LPME; etc.).
- HP-TLC
- Fast Separations
- Detection and Column Technology
- Electrodriven Separations
- Supercritical Fluid Chromatography
- Enantioseparations
- New Detection Methods.

Applications of above techniques in Nanotechnology, Industrial Process and Product Analysis, Environment, Speciation Analysis, Food quality and safety, Clinics and Pharmaceuticals, Life Sciences/Bioanalysis, Forensics, petroleum and petrochemicals etc.

Call for Abstracts

All participants interested in presenting a scientific paper in the symposium are required to submit a one-page abstract of their paper (without figures, tables & references) as per the format give below.

All abstracts must be submitted via e-mail (kapurgs@iocl.co.in) as a MS-WORD DOC file. The last date of submitting the abstracts is 7th December, 2011.

Most of the contributory papers shall be presented as Posters only, during the interactive Poster Sessions. Few papers, if recommended by the Technical Committee, will be given a slot for oral presentation. The acceptance of the papers as oral or poster will be communicated by 31st October, 2011.

Best Poster Awards

Each poster shall be evaluated by a panel of eminent scientists and selected outstanding posters will be presented the Best Poster Award (Cash + Certificate). There will be two-Best Poster Awards specifically for the women scientists

Educational Course on Chromatography

A one-day Educational Course on "Chromatography techniques" will be held parallel in association with **Thermo Fisher Scientific India Private Limited**. The course will provide fundamental and comprehensive information on various aspects of chromatographic techniques. The focus will be set on the most recent developments in the field of column technology, detection and applications.

The course will consist of series of lectures by experts on different chromatographic techniques, along with demonstration on select equipments.

There are only 20 seats available for the course and participation shall be accepted on first-cum-first-serve basis. All the participants of the course shall be given course material and certificate of participation. In case you are interested to receive program details, please fill the enclosed Registration Form and send it back.

Exhibition

A trade exhibition covering the latest advances in analytical sciences and instrumentation, software/hardware etc has been planned during the symposium. This will help the users and suppliers to come in direct contact with each other. This will also provide a platform for propagating innovative business ideas & novel products.

Being limited in number allotment of exhibition area (size ~2 X 3 meter) will be on first cum first served basis. **The rental for one 2 x 3 space would be Rs 30,000 for all the three days.**

Each exhibitor (maximum of 2 members) shall be allowed to attend the technical sessions and will be provided with complementary tea/ coffee, lunch, dinner and participation in the cultural programmers as per the schedule of the symposium.

About the Organizers

Indian Society of Analytical Scientists (ISAS) is a very active scientific forum with its headquarters at BARC, Mumbai and has more than 2000 life members. The society provides a common platform for Analytical Scientists to exchange ideas, keep themselves abreast of the latest developments in this field, thus promoting growth of analytical sciences in the country. The Delhi Chapter of ISAS was established in 1992 with its headquarter at IndianOil R&D Centre, Faridabad having jurisdiction comprising of mainly northern part of India. Delhi Chapter itself has more than 1000 life members from various research institutes, national laboratories, universities, industry etc. Since its inception, Delhi Chapter has been adjudged as the Best Chapter four times by the parent body. The Chapter has in the past-organized more than 43 One/two/three-Days technical Seminars/symposia on various contemporary topics at diverse locations.

Language

The official language of the symposium is English

Registration

The registration fee for the symposium would be:

Research Scholars = Rs 500/-

ISAS Life Members # = Rs 1,000/-

Non-Members Academia = Rs 3,000/- (Including Life Membership)

Non-Members Industry = Rs 5,000/- (Including Life Membership)

Educational Course = Rs 2,000/- (Does not include participation in the main symposium)

Only members enrolled before 30th November, 2011 will be considered for discounted fee.

Please submit the **registration form** along with fee amount payable by Demand Draft drawn in favor of “**Indian Society of Analytical Scientists – Delhi Chapter**”, payable at **Delhi/Faridabad**. The fee can also be paid by cash on-the-spot, in case NO accommodation is required. Soft copy of the registration form is available at www.isasdelhi.org

Accommodation

Accommodation charges are not included in the registration fee. However, limited accommodation may be made available for registered participants, on request, in the Guest Houses of Manav Rachna University, and/or in the nearby hotels etc. The accommodation request will be processed on first-cum-first served basis.

The charges for accommodation will vary depending upon the category of accommodation available. The charges (per day) may vary from Rs 500 per person per day (limited rooms, shared only) for the Guest Houses and Rs 2,500 and above for the Hotel accommodation.

The request for accommodation must reach Dr. G.S Kapur, Secretary ISAS-DC latest by 7th December, 2011. **NO accommodation request shall be entertained, if not accompanied by the advanced Registration Fee (by DD), which shall be forfeited in case on no show.**

The Venue

Manav Rachna International University (MRIU), a deemed-to-be university under section 3 of UGC Act, 1956 is a worthy successor of Career Institute of Technology & Management (CITM), Which was established in 1997 with the approval of AICTE, Department of Technical Education Haryana and affiliated to Maharshi Dayanand University, Rohtak with an intake of 180 students in 3 B.Tech Programme.

How to Reach Faridabad

The detailed address of Manav Rachna International University is:

**Aravalli Campus Sector – 43,
Delhi – Surajkund Road Faridabad,
Haryana 121004**

Faridabad is one of the prominent Districts of Haryana bordering Delhi. It is bounded by the Union Territory of Delhi (National Capital) on its north, Gurgaon District on the west and State of Uttar Pradesh on its east & south. Delhi-Agra National Highway No.2 (Shershah Suri Marg) Passes through the centre of District.

Faridabad is located on broad gauge of New Delhi-Mumbai Line, about 30-35 km from New Delhi Railway Station. Indira Gandhi International Airport, New Delhi is about 35 km from the venue.

The nearest Metro Station is Badarpur ~ 5 km from symposium venue, which is well connected to various parts of Delhi, Gurgaon, Noida on Metro route. Vehicle will be made available at designated timings at Badarpur Metro Station to being the delegates to the venue.

Executive Committee of ISAS-DC

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Dr. R. K. Malhotra (R&D), IOC

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Dr. Mukul Jain, Authentix, U.S.

Dr. Basant Kumar, IIP Dehradun

Dr. G.S. Chouhan, HP University

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Organizing Secretary: Dr. M.K. Soni, Executive Director & Dean, Faculty of Engineering & Technology

Co-Organizing Secretary: Prof. Naresh Grover, Director, Faculty of Engineering & Technology

Members:

Dr. B.S. Gill, Associate Director

Dr. Pradeep Vashney, Associate Director

Dr. Sarita Sachdeva, HOD-Bio-Technology

Dr. Ran Vijay Singh, HOD-Mechanical

Prof. Devender Vashisht, HOD- AUTOMOBILE

All correspondence to be addressed to:

Dr. G.S. Kapur

Secretary, ISAS-DC, and

Chief Research Mgr-Petrochemicals & Polymers

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Call for Papers



International Symposium

On

Recent Advances in

“Green Chemistry” and “Chromatography Sciences”

12-14th January, 2012

at

Manav Rachna International University
Faridabad

Organized by

Indian Society of Analytical Scientists
(Delhi Chapter)

www.isasdelhi.org

In Association with:

- IndianOil R&D Centre, Faridabad
- Petrotech Society, Delhi
- Manav Rachna International University, Faridabad

