

**(Committed to Excellence in
Training in Chromatography
and Spectroscopy)**



**Welcome to SIES Institute of Chromatography
and Spectroscopy, Nerul East, Navi Mumbai**

**SIES Institute of Chromatography and Spectroscopy in
Collaboration with Chromatographic Society of India is
pleased to announce:**

**“Seminar on Essential Oils, Flavours and fragrances and Live
demo of instrumental analysis”**

Date & Time: Thursday, March 16, 2017 from 10.00 AM- 5.00 PM
Venue: SIES Institute of Chromatography and Spectroscopy,
Nerul East, Navi Mumbai.

The seminar is aimed at the commercial people engaged in the business of Essential Oils, Flavours and Fragrances, the chemists who are working in this industry, chemists who are looking for placement in this industry and graduate and postgraduate students, who are keen to learn about this industry.

The seminar will give a good understanding of the industry, the chemistry behind different groups of chemical compounds and their role in the perfumery industry by experts of the industry. Topics of chromatographic and spectroscopic instrumentation used in the separation of the perfumery compounds and their identification using GC, GCMS and FT-IR will be explained and there will be a live demo and application of these techniques at the SIES-ICS Laboratory after the lectures.

SIES-ICS was inaugurated in December 2013 in Navi Mumbai with funding from SIES and with some support by the Analytical instrumentation companies as a industry academia partnership. SIES-ICS was found to fill the gap in building the capabilities of students and teachers in developing their understanding of the theory and operation of chromatography and spectroscopy instruments.

Till today more than 250 college students from the B.Sc. and M.Sc. streams visited our institute to have lectures and demonstration of these instruments. Several 3 day workshops on GC/GCMS/HPLC/UV/FTIR have been conducted and more than 230 research scholars and industry chemists have been trained. One week workshop for teachers have been conducted 3 times and more than 100 teachers have benefited so far. Restricted Sample analysis and consultation are being carried out for Educational Institutions and industries that require additional help.

Course Fee:

Delegates from the Industry- Rs. 3000/-

Delegates from Academic and Research institutions: Rs. 1500/-

Students with college/university Identity Cards Rs.1000/-

Interested persons may fill in the attached registration form and send it along with the cheque or do the electronic transfer of the fee and send electronically the scanned form.

On completion of the course participants will be given a certificate for completing the course satisfactorily. The details of registration and payment are included in separate registration form.

For queries and clarification, please contact us on the address given below :

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[Email : siesics@sies.edu.in](mailto:siesics@sies.edu.in)

The proposed agenda is as follows:

Time	Topics	Eminent Speakers
09.30-10.00 AM	Registration	
10.00-10.30 AM	Overview of the Perfumery Industry in India	Mr. Parag Satoskar CEO, Camphor & Allied Products
10.30-11.00 AM	Flavours & Fragrances- Chemistry and Applications	Mr. Ajit Vaze CEO, Aarav Industries
11.00-11.30 AM	Coffee Break	
11.30-12.00 PM	Essential Oils- Chemistry and Applications	Dr. R. Ganguly MD, Aroma Advisory
12.00-12.30 PM	Aroma Chemicals- Odour / Structural Relationship	Mr. Milind Davere, Senior Perfumer, IFF India
12.30-13.30 PM	Lunch	
13.30-14.00 PM	Gas Chromatography - Instrumentation & Applications	Mr. Dipak Shetty Lab Manager-SIES-ICS
14.00-14.45 PM	GC-MS and FT-IR -Principles, Instrumentation and Applications	Dr. G. Ramakrishnan Honorary Director- SIES-ICS
14.45 -15.00PM	Introduction to NIPGR Data Base on Essential Oils for Qualitative & Quantitative Analysis of Perfumery Compounds.	Ms. Bela Shah, BBK Specialities
15.00-16.30 PM	Live Demo of GC, GCMS and FT IR of Perfumery Compounds	Mr. Dipak Shetty & Ms. Sneha Nair, SIES-ICS
16.30-17.00 PM	Coffee Break & Certificate Distribution	

Glimpses of CSI collaborated workshops conducted in SIES-ICS, Nerul

