

DAICENTER-SHIMADZU Analytics Workshop

September 17-21, 2018

Venue - Shimadzu Analytical India Pvt. Ltd., Rushabh Chambers, Makwana Road, Marol, Andheri (East), Mumbai 400059, India

DAICENTER (DBT-AIST International CENter for Translational and Environmental Research), AIST, Japan will conduct a residential one week workshop jointly with Shimadzu Analytical (India) Pvt. Ltd (Wholly owned by Shimadzu Corporation, Japan) offering full description and hands-on-training course on pioneering and advanced analytic technologies. Introduction to a variety of analytic techniques including Gas Chromatography, Liquid Chromatography, Mass Spectrometry, Atomic Spectroscopy, GC-MS, LC-MS, FTIR, ICP, Data analyses, Data management etc.

Who can join?

The workshop is suitable for both beginners and experienced users wanting to gain a greater understanding of the analytic technologies applicable in the field of pharmaceuticals, food, environment and material sciences. Offering preference to the doctoral students, applicants will be selected through compelling reason to join the workshop, its usefulness to their current research and recommendation letter. The course will have a maximum of 10 delegates.

Language?

The course, including the course materials, will be conducted in English.

Support?

The workshop will be jointly supported by DAICENTER and SHIMADZU. No fees apply to the selected candidates. Training and workshop materials, refreshments including working lunch/tea coffee & light snacks will be provided. Travel to Shimadzu (Mumbai) must be borne by either the selected candidate or his/her institution/university. Accommodation in Mumbai may be provided to some candidates.

Program and Courses (Highlight)

Sept. 17 - Arrival, Reception & Introduction to analytic instruments, Molecular Spectroscopy, UV, FTIR

Sept. 18 - Atomic Spectroscopy, Atomic Absorption Spectroscopy, ICP

Sept. 19 - Range of Chromatography techniques

Sept. 20 - HPLC

Sept. 21 - GC-MS, LC-MS



Instructors: The highly skilled and experienced Application Chemists from Shimadzu

Organizers: Y. Ohmiya, R. Wadhwa, Y. Onishi, S. Kaul and A. Datar

Deadline for application - August 5, 2018 (5 PM JST)

For sending application and further information: s-kaul@aist.go.jp

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Date ----- Time	Sept. 17. (Monday)	Sept. 18 (Tuesday)	Sept. 19 (Wednesday)	Sept. 20 (Thursday)	Sept. 21 (Friday)
9:00 to 9:30	Registration & Welcome	Feedback of previous day	Feedback of previous day	Feedback of previous day	Feedback of previous day
9:30 to 10:30	Introduction to Analytical Instruments	Atomic Spectroscopy	Introduction to Chromatography	HPLC	Hyphenated techniques
10:30 to 10:45	Tea	Tea	Tea	Tea	Tea
10:45 to 12:00	Molecular Spectroscopy, UV	Atomic Absorption Spectroscopy	Gas Chromatography	HPLC	GC-MS
12:00 to 13:15	FTIR	ICP	GC continue	HPLC	LC-MS
13:15 to 14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00 to 17:30	Practical on UV and IR	Practical on AAS and ICP	Practical on GC	Practical on HPLC	Practical on MS up to 17:00. 17:00 to 17:30 Concluding remarks and feedback.

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The Group





Technical Lectures





Hands-on Training





Hands-on Training



Pleasant Memories