## **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



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

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







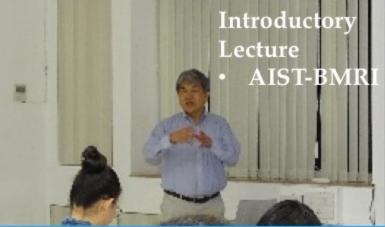


# DAICENTER-SHIMADZU Analytic Workshop September 17-21, 2018

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Sept. 17.	Sept. 18	Sept. 19	Sept. 20	Sept. 21
(Monday)	(Tuesday)	(Wednesday)	(Thursday)	(Friday)
Registration &	Feedback of	Feedback of	Feedback of	Feedback of
Welcome	previous day	previous day	previous day	previous day
Introduction to	Atomic	Introduction to	HPLC	Hyphenated
Analytical	Spectroscopy	Chromatography		techniques
Tea	Tea	Tea	Tea	Tea
Molecular	Atomic	Gas	HPLC	GC-MS
Spectroscopy,	Absorption	Chromatography		
UV				* 1 * 1 * 1
FTIR	ICP	GC continue	HPLC	LC-MS
Lunch	Lunch	Lunch	Lunch	Lunch
Practical on	Practical on	Practical on GC	Practical on	Practical on MS
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UV and IR	AAS and ICP	Tractical off GC	HPLC	up to 17:00.
UV and IR		Tractical off GC		
UV and IR		Tractical off GC		up to 17:00.
UV and IR		Tractical off GC		up to 17:00. 17:00 to 17:30
UV and IR		Tractical off GC		up to 17:00. 17:00 to 17:30 Concluding
UV and IR		Tractical off GC		up to 17:00. 17:00 to 17:30 Concluding remarks and
(	Registration & Welcome Introduction to Analytical Instruments Tea Molecular Spectroscopy, UV FTIR Lunch	Registration & Feedback of previous day Introduction to Analytical Instruments  Tea Tea Molecular Atomic Spectroscopy, UV Spectroscopy  FTIR ICP Lunch Instruments  Tea Tea Molecular Atomic Absorption Spectroscopy ICP Lunch	Registration & Feedback of previous day Introduction to Analytical Instruments  Tea Tea Tea Molecular Atomic Spectroscopy, UV Spectroscopy  FTIR ICP GC continue  (Wednesday)  Feedback of previous day Introduction to Chromatography  For a Tea Tea Tea Chromatography  GC continue  CONTINUE CONTINUE	Monday)  (Tuesday)  (Wednesday)  (Thursday)  Registration & Feedback of previous day Introduction to Analytical Instruments  Tea Tea Tea Tea Molecular Atomic Spectroscopy, UV  FTIR ICP GC continue HPLC  (Wednesday)  Feedback of previous day Introduction to Chromatography  Feedback of previous day Introduction to Chromatography  Feedback of previous day Introduction to Chromatography  Format Gas  Chromatography  FTIR ICP GC continue HPLC  Lunch Lunch  Feedback of previous day  HPLC  Chromatography  FOR GC continue HPLC  Lunch  Lunch





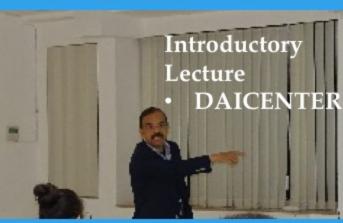


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**Pleasant Memories**