

SVKM's  
**Narsee Monjee Institute of Management Studies**

Deemed to be UNIVERSITY

**Pharmacy & Technology Management**

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**SHOBHABEN PRATAPBHAI PATEL  
SCHOOL OF PHARMACY  
& TECHNOLOGY MANAGEMENT**

# HANDS-ON WORKSHOP ON BASICS OF LC-MS / MS



Date : **22<sup>nd</sup> to 24<sup>th</sup> August 2016**  
Venue : SPP SPTM, SVKM's NMIMS, Mumbai  
Workshop Co-ordinator : **Dr. Alice Varghese**  
Assistant Professor  
Organized by : Department of Pharmaceutical Chemistry  
SPP SPTM, SVKM's NMIMS,  
V. L. Mehta Road, Vile Parle (W),  
Mumbai-400056.  
Phone : (022) 42332000 (Board)  
Email : [alice.varghese@nmims.edu](mailto:alice.varghese@nmims.edu)

### The focus of this workshop is to

- Study the basic principles of LC-MS/MS
- Demonstrate stepwise method development on LC-MS/MS of analytes
- Perform basic structure elucidation using LC-MS/MS
- Discuss various sample preparation techniques compatible with mass spectroscopy
- Study various qualitative and quantitative applications of LC-MS/MS

### Day I: 22nd August 2016 (10:00am – 5:00pm)

10.00 - 10.15	Introduction of the workshop
10.15 - 12.30	<b>Lecture 1:</b> Basics and Instrumentation of LC-MS/MS by <b>Dr. Ajit Datar, Advisor, Shimadzu Analytical Pvt. Ltd.</b>
12.30-1.15	Lunch
1.30 - 3.30	MS and MS/MS method development of NCEs using Electro Spray Ionization (ESI)
3.30 - 3.45	Tea
3.45 - 5.00	MS and MS/MS method development of NCEs using APCI (Atmospheric Pressure Chemical Ionization)

### Day II: 23rd August 2016 (10:00am – 5:00pm)

10.00 – 12.00	<b>Lecture 2:</b> LC-MS/MS Applications in Bioanalysis by <b>Dr. Sasikumar Menon, Asst. Director, Institute for Advanced Training &amp; Research in Interdisciplinary Sciences.</b>
12.00-1.00	Lunch
1.00 – 3.30	Metabolite identification (Met-ID) of drug in liver microsomes using LC-MS/MS
3.30 – 3.45	Tea
3.45 – 5.00	Metabolite identification (Met-ID) of drug in liver microsomes using LC-MS/MS



### Day III: 24th August 2016 (10:00am – 5:00pm)

10.00 - 12.00	Lecture 3: Impurity profiling and quantification using LC-MS/MS by <b>Dr. Mayuri Gandhi, Research Scientist, IIT Bombay</b>
12.00-1.00	Lunch
1.00 - 3.30	Degradation products profiling of a drug using LC-MS/MS
3.30 - 3.45	Tea
3.45 - 5.00	Degradation products profiling of a drug using LC-MS/MS

### REGISTRATION

	Registration fees	On-site registration fees
Students	Rs. 5,000/-	Rs. 7,500/-
Academia	Rs. 10,000/-	Rs. 15,000/-
Industry	Rs. 20,000/-	Rs. 25,000/-

1. Seats for the hands on training is limited to 10 only.
2. Registrations would be taken on first cum basis
3. Last date of registration is 16th August 2016
4. Molecular weight determination and MS/MS characterization for 2 pure samples is free for each participant (Analysis will be done after the workshop)
5. Additional samples will be charged

## REGISTRATION FORM

### HANDS-ON WORKSHOP ON BASICS OF LC-MS/MS

Name: Dr. / Mr. / Ms. \_\_\_\_\_

Designation: \_\_\_\_\_

Institute / Industry: \_\_\_\_\_

Type of registration (please tick whichever is applicable):

Student / Academia / Industry Address: \_\_\_\_\_

Phone:(Office) \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of the Participant

**Mode of Payment:** Demand draft payable at Mumbai in favor of "SVKMs NMIMS."

\*Filled registration form along with demand draft should be send to the following address:

SPP School of Pharmacy and Technology Management,

**SVKM's NMIMS,**

V. L. Mehta Road, Vile Parle (W), Mumbai-400056. India.

Ph: (022) 42332000 (Board), Ext. 2080.

### Details of Demand draft:

DD Number: \_\_\_\_\_ Date: \_\_\_\_\_

Branch: \_\_\_\_\_ Amount: \_\_\_\_\_

For any queries contact:

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