

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

Deemed to be UNIVERSITY

**Pharmacy & Technology Management**

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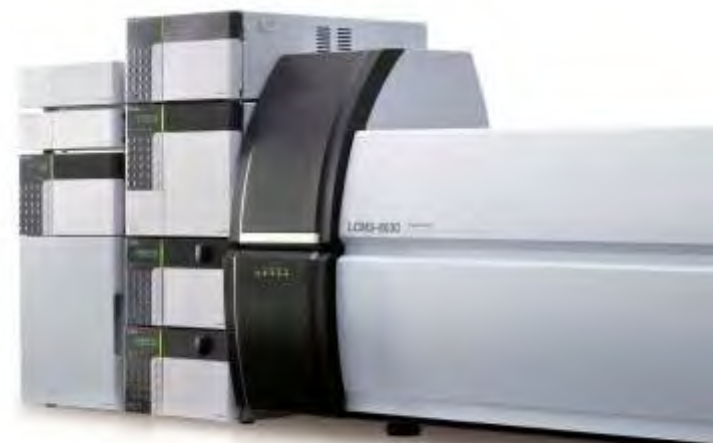
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**SHOBHABEN PRATAPBHAI PATEL  
SCHOOL OF PHARMACY  
& TECHNOLOGY MANAGEMENT**

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



Date : **20<sup>th</sup> to 22<sup>nd</sup> April 2017**  
Venue : SPPSPTM, SVKM's NMIMS, Mumbai  
Workshop Co-ordinator : **Dr. Amisha Vora & Dr. Kapil Juvale**  
(Assistant Professor)  
Organized by : Department of Pharmaceutical Chemistry  
SPPSPTM, SVKM's NMIMS,  
V. L. Mehta Road, Vile Parle (W),  
Mumbai-400056.  
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### The focus of this workshop is to

- Study the basic principles of LC-MS/MS
- Demonstrate stepwise method development of analytes using LC-MS/MS
- Perform basic structure elucidation using LC-MS/MS
- Understand bioanalytical method development and sample preparation for the same
- Study various food safety and environmental safety applications of LC-MS/MS

#### Day I: 20<sup>th</sup> April 2017 (10.00am – 5.00pm)

10.00 - 10.15	Introduction of the workshop
10.15 - 11.30	<b>Lecture 1:</b> Basics and Instrumentation of LC-MS/MS by <b>Dr. Ajit Datar, Advisor, Shimadzu Analytical Pvt. Ltd.</b>
11.30 - 12.45	<b>Lecture 2:</b> Decoding Tandem Mass Spectra for Impurity Profiling by <b>Dr. Krishnapriya Mohanraj, Professor and HOD Pharm. Analysis, BCP</b>
12.45 - 1.30	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: 21<sup>st</sup> April 2017 (10.00am – 5.00pm)

10.00 - 12.00	<b>Lecture 3:</b> Application of LC-MS/MS in food safety and environmental analysis by <b>Dr. Priti Amritkar, Director, Envirolabs</b>
12.00 - 1.00	Lunch
1.00 - 3.30	Demonstration of linearity development of drug in rat plasma
3.30 - 3.45	Tea
3.45 - 5.00	Degradation products profiling of a drug using LC-MS/MS



#### Day III: 22<sup>nd</sup> April 2017 (10.00am – 5.00pm)

10.00 - 11.30	<b>Lecture 4:</b> LC-MS/MS application in Bioanalysis by <b>Dr. Ashutosh Pudage, President, Accutest Research Lab (I) Pvt Ltd</b>
11.45 - 12.45	<b>Lecture 5:</b> Challenges in Bioanalytical Method Development and solutions to overcome them by <b>Dr. Paraag Gide, Principal, Dr. L. H. Hiranandani College of Pharmacy</b>
12.45 - 1.30	Lunch
1.30 - 3.30	Metabolite identification (Met-ID) of drug in liver microsomes using LC-MS/MS
3.30 - 3.45	Tea
3.45 - 5.00	Feedback and Valedictory function

#### REGISTRATION

	Registration fees	On-site registration fees
Students	₹ 3,000/-	₹ 5,000/-
Academia	₹ 5,000/-	₹ 7,500/-
Industry	₹ 10,000/-	₹ 15,000/-

1. Seats for the hands on training are limited to **10 only**.
2. Registrations would be taken on first come first basis
3. Last date of registration is 10<sup>th</sup> April 2017
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 AND APPLICATIONS 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 "SVKM's NMIMS."

\*Filled registration form along with demand draft should be sent 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.

**Online transfer:** Please send receipt of online transfer along with registration form

**A/c holder name:** SVKM'S NMIMS- SPPSPTM

**A/c number:** 013111011003 (current account)

**Bank:** Dena Bank **Branch:** Juhu Vile Parle

**IFSC code:** BKDN0460131 **SWIFT code:** BKDNINBBDDR

#### **Details of Demand draft:**

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

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

For any queries contact:

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