



**Hands-On Training Program on ICP-MS: iCAP RQ
(USP 232/233 & ICH Q3D guidelines for elemental analysis)
16th -18th September 2019**



**Supported by Department of Science and Technology, Government of India &
The Indian Pharmaceutical Association - Maharashtra State Branch**



DAY 1: 16th September 2019

9:00 am-5:00 pm

Welcome address

Lecture 1: Basics of elemental analysis

Lecture 2: USP 232/233

Lecture 3: Basics of ICP-MS (iCAP RQ)

Lab 1: Hands-on iCAP RQ instrument for
-Hardware Demo
-Software demonstration and Tuning

DAY 2: 17th September 2019

9:00 am-5:30 pm

Review of Previous day

Lecture 4: Basics of sample preparation

Lecture 5: Introduction to Data Management/LIMS

Lab 2:
Group1-Individual hands on experience on iCAP RQ
Group 2-Sample preparation on MDS

Lab 3:
Group1-Sample preparation on MDS
Group 2-Individual hands on experience on iCAP RQ

DAY 3: 18th September 2019

9:00 am-5:30 pm

Review of Previous day

Lab 4:
Group1-Repeat Individual hands on experience on iCAP RQ/Analysis
Group 2-Repeat or Pending Sample preparation on MDS

Training evaluation (Written test)

Lecture 6: Presentation -Microwave Digester

Lecture 7: Routine Maintenance Training

Q-A session, Feedback & Certificate distribution