

## Spectroscopy Training Courses



IRXross



IRTracer-100

### Principles and Operation of FTIR for IRTracer-100/ IRXross/ IRSpirit with LabSolutions IR

Duration: 1 day

Course Code: FTIR-100



This course is designed for beginners in Fourier Transform Infrared Spectroscopy (FTIR). There would be practical sessions on the operation of IRTracer-100/IRXross / IRSpirit with LabSolutions IR software.

#### Topics include:

Theory and principals of FTIR  
Introduction to the instrumentation of FTIR  
Practical sessions for FTIR and accessories  
Basic maintenance for FTIR

#### Prerequisites

Fundamental knowledge of Spectroscopy

#### Fees

Rs. 5,000

## Spectroscopy Training Courses

### Principles and Operation of AA-7800 Atomic Absorption Spectroscopy

Duration: 2 days

Course Code: AA-100



This course is designed for beginners in Atomic Absorption Spectroscopy (AAS) where the basic concepts of AAS would be introduced. There would also be practical sessions on the operation of AA-7800.

#### Topics include:

- Theory and principals of AAS
- Instrumentation of AAS
- Features and Operation of AAS
- Practical sessions for AAS
- Basic maintenance for AAS

#### Prerequisites

Participants should have some basic operation knowledge of Shimadzu AAS.

#### Fees

Rs. 8,000

### Principles and Operation of Inductively Coupled Plasma Mass Spectrometry for ICPMS-2040/2050

Duration: 3 days

Course Code: ICPMS-100



This course is designed for beginners in Inductively Coupled Plasma Mass Spectrometry. There would be practical sessions on the operation and basic maintenance of ICPMS

#### Topics include:

- Theory and principals of ICPMS
- Comparison of ICPMS with other elemental analysis techniques
- Instrumentation of ICPMS
- Operation of ICPMS with LabSolutions ICPMS software
- Quantitative and quantitative analysis using ICPMS
- Basic maintenance for ICPMS

#### Prerequisites

Participant should have some basic operation knowledge of Shimadzu ICPMS

#### Fees

Rs. 12,000