

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-7000 Flame Atomic Absorption Spectroscopy

Duration: 2 days

Course Code: AA-100



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

Topics include:

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

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