



SHORT-TERM TRAINING PROGRAMME IN

ADVANCED ANALYTICAL INSTRUMENTATION & ANALYSIS

"An exclusive training programme aimed at developing human resources for Advanced analysis including expertise for NABL accredited QC Labs"

— First batch commencing from Oct 2024

— Application Deadline: 31st Aug 2024

Inter University Instrumentation Centre

**Mahatma Gandhi University
Kottayam**



Hon. Director, Inter University Instrumentation Centre,
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About the course

This course is designed to deliver comprehensive training in analytical instrumentation techniques for aspiring students seeking careers in quality control laboratories, particularly those focused on food testing and pharmaceuticals. The program is equipped with state-of-the-art instruments, including GC-MS/MS, LC-MS/MS, HPLC, Ion Chromatography, ATR-FTIR, UV-Vis spectrophotometers etc. Our aim is to provide students with hands-on experience utilizing these high-end instruments, effectively upskilling them with the professional analytical techniques required for success in industry and quality control laboratories.

Target Applicants: Post Graduates under any discipline of Chemistry, Environmental Sciences, Life Sciences or Pharma (M.Pharm).

Mode of Selection : Based on CGPA/ Percentage of mark

Duration: 6 Month (Full Time)

In take Capacity: 20

Fee: Rs. 50,000/-



Scan here
for Syllabus

For Registration: <https://forms.gle/84ityZno1rN3i7ZE7>

What will you learn

At the end of this course you will have strong understanding of following areas:

- * NABL Rules & Regulations for QC Lab
- * Theory and Methods
- * Method development
- * Calibration & trouble shooting of Instruments
- * Operating the Instruments
- * Good Laboratory practices
- * 1 Week Industry training



GC-MS/MS



LC-MS/MS



HPLC



Ion Chromatography



ATR-FTIR



UV-Vis
Spectrophotometer