

SHIVAJI UNIVERSITY, KOLHAPUR

“Modern Analytical Techniques: Hands on Training for Practical Skills Development”.

Organized by

**University Science Instrumentation Centre-Common
facility Centre USIC(CFC),
Shivaji University, Kolhapur**

Duration: From 29th December 2025 to 3rd January 2026



Course Details

- ❖ **USIC(CFC)** Centre organizes workshop on “Modern Analytical Techniques: Hands on Training for Practical Skills Development” in order to familiarize UG/PG Students, Research scholars, faculties & industry personnel with the fundamental principles and advanced techniques of characterizations.
- ❖ The hands-on training sessions will be arranged to imbibe practical skills of materials characterizations in the fields of nanotechnology, materials science, and surface characterizations.
- ❖ Sessions will be conducted on how to operate, maintain and interpret data from cutting-edge instruments such as:
 - Transmission Electron Microscope (TEM)
 - X-ray Photoelectron Spectroscopy (XPS)
 - Bio-Atomic Force Microscopy (BIO-AFM)
 - X-ray Diffraction (XRD)
 - Micro-Raman Spectroscopy
 - Gas Chromatography double Mass Spectrometer- (GCMS-MS)
 - Fourier Transform - Infrared Spectroscopy (FTIR)
 - Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES)
 - Thermogravimetric Analysis (TGA) - Differential Thermal Analysis (DTA) - Differential Scanning Calorimetry (DSC)
 - Particle Size Analyzer with zeta potential (PSA)

For Registration: Scan the QR Code →
limited seats are available (50 only)



VENUE

**USIC(CFC)
Shivaji University, Kolhapur**

For more information Contact:

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CHIEF PATRONS

**Prof. (Dr.) Suresh Gosavi
Hon'ble Vice Chancellor,
Shivaji University, Kolhapur**

**Prof. (Dr.) Jyoti Jadhav
Hon'ble Pro-Vice Chancellor,
Shivaji University, Kolhapur**

**Dr. V. N. Shinde
Registrar,
Shivaji University, Kolhapur**

HEAD

**Dr. Jyotiprakash. B. Yadav
USIC(CFC),
Shivaji University, Kolhapur**

Registration Fees :

Students : Rs 4000 /-

Group Discount

for 25+ participant : Rs 3500 /-

for 40+ participant : Rs 3000 /-