



One-Day Workshop on

Skill Development and Hands-on Training: Advanced Characterization Techniques

12th March 2026

In materials science and catalysis research, material fabrication is only half the story. The real insight comes from CHARACTERIZATION—understanding how structure, composition, and surface properties govern performance of the material.

Workshop Relevance

Workshop aims to offer a spectacular skill development program on advanced characterization techniques.

Objective of the Workshop:

- ✦ Detailed demonstration of all the mentioned facilities
- ✦ Hands-on training along with basic concepts
- ✦ Develop and upgrade the understanding of characterization techniques for research and industrial applications

Physico Characterization

- Particle/Zeta Size Analyzer
- X-Ray Diffraction
- Scanning Electron Microscopy

Thermochemical Characterization

- TGA/DSC
- Raman Spectroscopy

Micro/Nanomechanical Characterization

- Nano-indenter
- Surface-Profiler

Jointly organized by

School of Engineering and Technology and Department of Research & Development - CRF
Dr. Vishwanath Karad MIT World Peace University, Pune
S. No. 124, Paud Road, Kothrud, Pune, 411038

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Assistant Professor

Registration Fee (including GST):

Industry:
₹ 3000/-

Academician:
₹ 1500/-

PhD/PG-Students:
₹ 1000/-

UG student:
₹ 500/-

Registration fee includes: Access to all the session,
breakfast, lunch, and participation certificates.

Target Participants:

Industrialist, Academician/Faculty, PhD and PG-Students (sciences, material science, mechanical, chemical, bioengineering, and other domains related to)

Contact details:

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Last date for registration: 25th February 2026

Link for registration:

<https://forms.gle/i9JwWZKx5fY7QNaR9>



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