



Gujarat Chapter

**SIEMENS**  
COE - IITRAM



Register  
Here

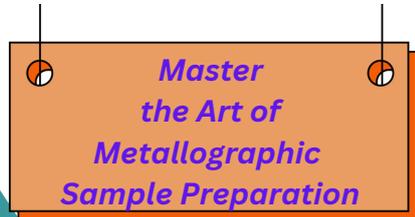


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**Registration Fees**

- Rs. 1000/- for non-ASM members
- Rs. 500/- for ASM members



# WORKSHOP ON METALLOGRAPHY & MICROSTRUCTURE



23 September 2023



S101, First Floor, IITRAM



9.30 am - 4.30 pm



## COURSE OBJECTIVE

Microstructural analysis is a powerful tool for solving engineering problems, ensuring material quality, and improving processes. Metallography is the key technique for accurate microstructure analysis. This introductory course aims to educate engineers and professionals on metallography for product and process enhancement.

## WHO SHOULD ATTEND?

- Industry Representatives, Manufacturers, Engineers
- Metallographers, Quality Assurance (QA) professionals, Academicians, Students
- Scientists, Researchers

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Selected Samples from the registered participants will be discussed during the workshop

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The Samples should reach ASM COE Office @ LD college before 16 Sept 2023

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## COURSE CONTENT

- Basics of microstructure in metals
- Sample preparation techniques: cutting, mounting, grinding, polishing
- Etching of samples for microstructure development (following ASTM standards)
- Case studies showcasing different microstructures
- Microstructure analysis
- The significance of Microstructure in End User Applications

## WHAT WILL PARTICIPANTS GET ?

- Basics of microstructure in metals
- Case study discussions with live microscope demonstrations
- Hands-on experience in microstructure analysis of various metals/alloys (live demo)
- Certificate of participation
- Course material

## GET IN TOUCH

Mr. Tejas Mehta (9725031250) Dr. Pramod Bhingole (8266990912)



asmgujaratchapter@gmail.com

