

On

Scanning Electron Microscopy

Course Code: 2305

12th September 2025

Key Takeaways

- Field Emission Scanning Electron Microscopy (FESEM), Energy Dispersive X-ray Spectroscopy (EDS), Sample Preparation



CONTACT US



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About AEAMT

Centre for Skill Development, is a flagship initiative of CMTI, aims to enhance the knowledge and skills of practicing engineers, create job ready engineers to the Indian Manufacturing sector and to bridge the gap between industry and academia.

Focused Area / Objectives :

- The 'Scanning Electron Microscopy' training focuses on FESEM principles, instrumentation, and imaging techniques, offering a solid understanding of micro and nano-structural analysis. It includes detailed guidance on sample preparation methods to ensure high-quality imaging and practical insights into data interpretation for research and industrial applications.

Targeted Audience :

Researchers, Scientists, Metallurgists, Scientific/ Engineering Officers, Quality Managers, Laboratory Technicians, Consultants, Semiconductor Laboratories, Research Laboratories, Quality/Testing Laboratories and Analytical Laboratories.

Program Coordinator :

Mr. Murugan A is a Scientist With over 13 years of specialized experience in characterization and metrology, he possesses expertise in microscopy techniques, analytical methodologies, and sample preparation techniques. He holds an M.Tech in Nanotechnology and an M.Sc in Physics and leads the Advanced Material Characterization and Sample Preparation Laboratories. As a Characterization Scientist, he has contributed extensively to a wide range of internal and external research projects, with findings are reported. He coordinates specialized training programs, including Scanning Electron Microscopy (SEM), Microscopy and Analysis, and Advanced Materials Characterization Techniques. Additionally, he provides faculty and technical support while facilitating access to state-of-the-art instrumentation and facilities for courses, workshops, and conferences, ensuring optimal resource utilization and effective knowledge dissemination across diverse audiences."

Programme Schedule :

It is a **01-day** Non – Residential Training Programme scheduled on **13th February 2026**. The Programme will be held at Central Manufacturing Technology Institute, Bengaluru.

Participation Fees :

Rs. 3,900/- plus GST @ 18%***, per participant. This includes Course Kit, veg lunch, mid-session tea.

Course Fee can be paid through NEFT / RTGS / Demand Draft. Demand Draft to be drawn in favor of "Central Manufacturing Technology Institute", payable at Bengaluru and should reach CMTI one week before the actual date of commencement of the course

Beneficiary for RTGS/NEFT

a) Name	: Central Manufacturing Technology Institute
b) GST No	: 29AAATC2085K1ZJ
c) Account No	: 10521862015
d) Bank Name & Branch	: State Bank of India, Yeshwanthpur Branch
e) IFSC Code	: SBIN0003297
f) MICR Code	: 560002055

Additional Information :

- A 10% rebate on course fee will be given to organizations nominating 3 or more participants for each programme, only if payment is made in advance, ten days before the commencement of the course.
- Individuals/ Companies interested in participation are requested to fill in the enclosed Enrollment Form and submit at the earliest.
- Participants are advised to proceed for the programme only after the nominations / Programme confirmed by us (by Fax / Letter / Phone / E-Mail).
- Participants should report at CMTI on the day of commencement of the course. Participants are advised to reach Bangalore the previous day, evening/ night.
- Course will be conducted from 09:00 to 17:00 hrs. Participants may plan their return journey accordingly.
- Participants will be given Certificate after the completion of the Training Programme
- Enclosed are the tentative programme contents for ready reference
- GST No. to be shared while sending your nomination / Registration (If a company is exempted from GST they have to provide GST Exemption certificate).
- Please note that Course fee once paid will not be refunded. However, change in nomination will be permitted.

Note: * Taxes and other levies will be charged as per the prevailing rates at the time of Billing**

For further enquiries/registration / nominations, please contact:

Mr. Arun Kumar J .G, Joint Director & Centre Head – AEAMT,

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E-mail: training@cmti.res.in