



Department of Metallurgy and Materials Engineering
COEP Technological University (COEP Tech.), Pune
 (A Unitary Public University of Government of Maharashtra)
 Shivajinagar Pune-411005

SEM Imaging and EDS
Requisition Form
 (For Industry / Lab/ Institute)
 (Not for COEP Tech. Student/ Faculty)

Field Emission Scanning Electron Microscopy (FE-SEM) (Make -ZEISS, Model SIGMA IV)

Sr. No	Test	No of Samples	Name of Applicant : _____
1	SEM Imaging:		Mobile No. _____ Email ID : _____
2	Energy Dispersive Spectroscopy (EDS)		Name and Address of Institute/Industry : _____ _____

Requirements: Material Grade/ Composition: _____ **Sample Details:** Bulk / Powder.

Instructions:

- **Sample Dimensions for SEM Imaging:** Round or Square Solid Specimen with maximum of 15 x 15 x 15 mm size. In case of Powder Specimen: Maximum of 1 gram Powder. Samples should not be potentially hazardous, should be free of oil/lubricant/wax/dust, non-volatile and should not decompose/ evaporate in vacuum (10^{-5} Pa).
- **Magnetic and wet biological samples are strictly prohibited.** Ensure that the sample is non-Magnetic, and oven dried in case it is a biological sample.
- **For all metallic / ceramic samples:** Optical Microscopy Images of the samples must be verified to confirm proper preparation of specimen to avoid wastage of slot timing.

Testing Charges per sample in INR + 18% GST Extra

Testing Facility	Industry/ Private Labs	Government R&D Labs	Academic Institutes/ University
SEM Imaging	5000	3000	1400
Imaging with EDS	6000	3600	2000
Sputtering	500	400	400

Bank Details for RTGS / NEFT

Account Name: COEP Technological University, Pune
Account No: 37373624613 (Current Account)
Beneficiary Bank Name: State Bank of India
Branch Name: College of Engineering Shivajinagar Pune

Specific Requirement/Instructions, if any. _____

Name and Signature of Applicant	SEM Lab-In charge	HOD (Metallurgy and Materials. Engineering.)	Slot Allotted: (Date & Time) SEM Operator
---------------------------------	-------------------	--	--

-----For Office Use Only-----

P.O. No. _____ dt. _____	Performa Invoice No. _____ dt. _____
No. Sample Tested :SEM Imaging Only : _____ No. SEM with EDS : _____	
Total Testing Charges: Rs. _____ + Rs. _____ (18% GST) = Rs. _____	
TDS deduction (if any) Rs. _____ Total Amount Paid Rs. _____	
Transaction ID : _____ dt. _____ Tax Invoice No: _____ dt. _____	