

Sl. No.

Metallurgy and Materials Engineering
Indian Institute of Engineering Science and Technology, Shibpur
P.O.Botanic Garden, Shibpur, Howrah, West Bengal 711103
Requisition form for equipments

Name :

Designation :

Organization : e-mail :

Contact no :

Experiment to be done on:

FE-SEM-EDS-EBSD DSC: Instron (Static).....

Corrosion Testing....., Micro Macro Hardness Tester Optical Microscope

Sample specification:

1. Sample id:

2. Type of sample : magnetic:; non-magnetic:

3. Number of samples:

4. Requirement of the user:

Name of the supervisor :

Rate (Rs/-) :

Signature of supervisor

Signature of user

(FOR OFFICE USE ONLY)

NO, OF SAMPLE :

HRS :

MACHINE USED :

DATE :

Signature of Chairman (CRF)

OPERATOR'S SIGNATURE

Signature of Prof. In-charge

Note: Booking can be made through e-mail by sending the duly filled in scanned copy of the booking form to crf.iiests@gmail.com

The hard copy of the form is to be submitted to the office on the allotted date of testing.

Instrumental facilities in the
Department of Metallurgy and Materials Engineering, IEST, Shibpur

| | Facility | Internal and External Academic Institute | Govt. R & D organization | Industry |
|----|--|--|--------------------------|-------------------------|
| 1. | XRD <i>(Rs. per sample or per hour whichever is higher in monetary terms)</i> | Rs. 500 | Rs. 1000 | Rs. 1500 |
| 2. | FE SEM - EDS -EBSD <i>(Rs. per sample or per hour whichever is higher in monetary terms)</i> Platinum coating per sample | Rs. 1000 Rs. 250 | Rs. 2000 Rs. 300 | Rs. 3000 Rs. 500 |
| 3. | DSC <i>(Rs. per hour)</i> | Rs. 500 | Rs. 1000 | Rs. 2000 |
| 4. | Instron (Static) <i>(Rs. per tensile test)</i> | Rs. 300 | Rs. 500 | Rs. 1000 |
| 5. | Microhardness Tester <i>(Rs. per hour)</i> | Rs. 500 | Rs. 750 | Rs. 1000 |
| 6. | Macrohardness Tester <i>(Rs. per hour)</i> | Rs. 500 | Rs. 750 | Rs. 1000 |
| 7. | Optical Microscope <i>(Rs. per sample with sample preparation)</i> <i>(Rs. per sample without sample preparation)</i> | Rs. 750 Rs. 250 | Rs. 1000 Rs. 300 | Rs. 1500 Rs. 500 |
| 8. | Corrosion testing <i>(Rs. per sample or per hour whichever is higher in monetary terms)</i> | Rs. 500 | Rs. 750 | Rs. 1000 |