

Sl. No.

CENTRAL RESEARCH FACILITY
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:

INSTRON ; NANOINDENTATION:; NANOSCRATCH:; TEM EDS.....

SEM EDS.....

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.iests@gmail.com

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

TEM-EDS <i>Allotted time: 2 hours per slot</i> <i>Sample preparation charge per sample</i> Powder sample preparation and Cu-grid Bulk sample using diamond cutter	Rs. 1,500 per slot Rs. 450 Rs. 250	Rs. 3,000 per slot Rs. 750 Rs. 500	Rs. 6,000 per slot Rs. 1,000 Rs. 1,000
SEM - EDS Per slot: 0.5 h Gold coating per sample	Rs. 350 Rs. 150	Rs. 1,000 Rs. 250	Rs. 1,500 Rs. 250
Instron Lab. Tensile/compressive/bending test <i>(Minimum 5 samples)</i> High Cycle Fatigue (21 samples) Low Cycle Fatigue/Ratcheting tests (Rs. /h)	Rs. 500 Rs. 30,000 Rs. 100	Rs. 750 Rs. 2,00,000 Rs. 300	Rs. 1000 Rs. 2,50,000 Rs. 500
Nanoindentation & Nanoscratch (Rs. per h)	Rs. 500	Rs. 1000	Rs. 1500
XRD <i>(Rs. per sample or per hour whichever is higher in monetary terms)</i>	Rs. 500	Rs. 1000	Rs. 1500
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
DSC <i>(Rs. per hour)</i>	Rs. 500	Rs. 1000	Rs. 2000
Instron (Static) (Rs. per tensile test)	Rs. 300	Rs. 500	Rs. 1000