



# Advanced Centre for Materials Science Indian Institute of Technology Kanpur

## OPEN HOUSE OF FACILITIES

Date: 8<sup>th</sup> August 2015

Time duration: 10 A.M to 5 P.M

Place: ACMS Labs

*All are welcome to participate*

### Laser Confocal Microscopy : Live Cell Imaging



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n



And many more .....

### Electron Microscopy Laboratory



FEG SEM



Quanta SEM



SEM JEOL



EPMA



EDM

And many more .....



Wire Saw

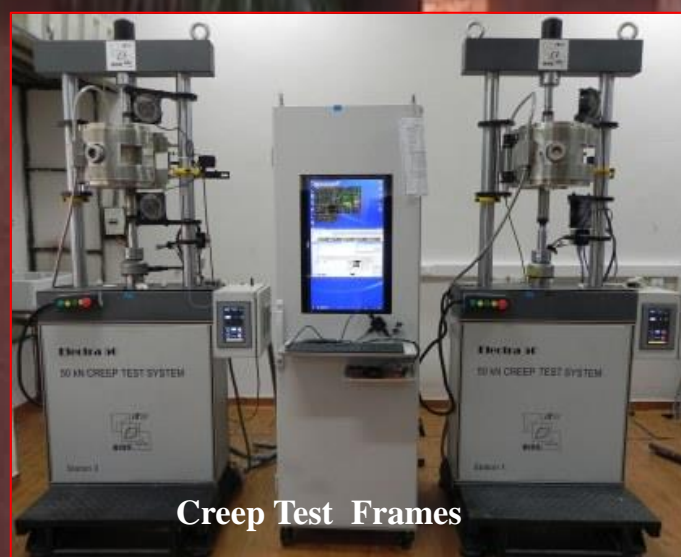


Automatic Polisher

### Mechanical Testing Laboratory



Tension/Torsion



Creep Test Frames

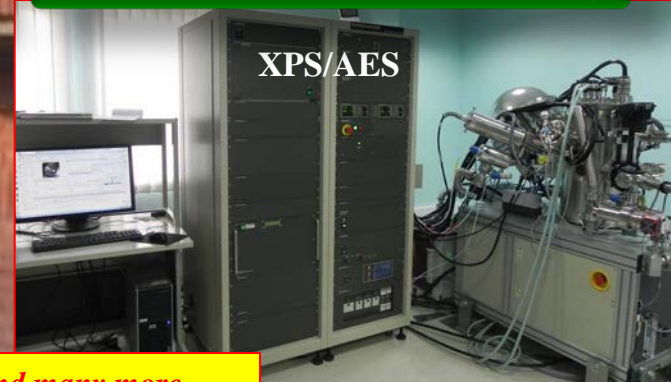
### Powder Characterisation



BET

And many more .....

### Surface Characterisation Laboratory



XPS/AES

### Bulk Composition Analysis



XRF

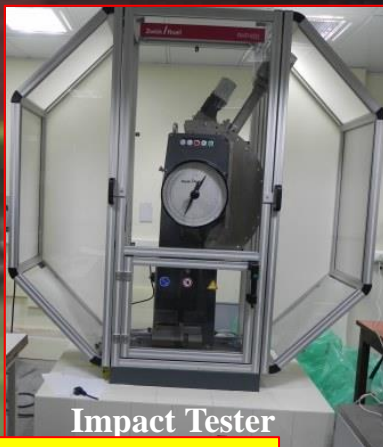


IRMS

And many more .....



Universal Testing Machine



Impact Tester

And many more .....



Nanoindenter

### Electrical Characterisation Laboratory

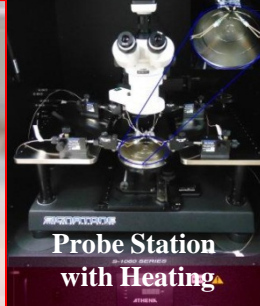
#### Thermoelectric Measurement



#### Piezo-, Ferro- & Pyro-electric



#### Cryogenic Probe



Probe Station  
with Heating



Hall Effect

For more details visit:  
[www.iitk.ac.in/acms](http://www.iitk.ac.in/acms)

Cryo-Stat with Electro-Magnet