



**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI,
MUMBAI**

X-ray Photoelectron Spectroscopy Facility

(ESCA Lab) #040, Department of Physics

Email: esca@iitb.ac.in Tel.: 022-2576 6518 (Internal 6518)

Registration Form for Internal Users

Date:

1) Name of the User:

2) Name of the Department:

3) Email and Tel. No:

4) Number of samples (Maximum 3):

5) Specifications of samples: Material(s) and Substrate (if any)

6) Type of experiment:

7) Nature/History of samples & Purpose of Experiment:

8) Surface etching required: Yes / No

9) Material is poisonous/toxic in any way: Yes / No

10) Do you need the sample back: Yes / No (to be collected personally after 4 - 5 days)

11) Any other remarks:

We agree to acknowledge the X-ray Photoelectron Spectroscopy FACILITY of IIT BOMBAY in our Publications/Reports/Thesis in which the data is used with due feedback through email

Signature of the User:

Note: 1) Samples should be brought by the user on the allotted day

2) For sample preparation/submission/charges please visit x-ray photoelectron spectroscopy facility under Central Facilities Registration in drona website: drona.ircc.iitb.ac.in

12) Survey scan range required _____(Typically 0 -1200 eV, unless noted)

13) Elements to be analyzed by high resolution scan:

Sample ID (three letters, ex. A11, D15)	XPS (HR-XPS up to 3 elements) Elements (ex. Al 2p, Si2p)	HR-XPS For additional element Elements (ex. Al 2p, Si2p)	HR-XPS For additional point (Not applicable for powder samples) Elements (ex. Al 2p, Si2p)

High resolution core level scans required for chemical state analysis Ex. Cu 2p BE range is 975 eV to 925 eV

If you wish to provide more details about analysis, purpose etc. please use space below,

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For Official Use only:

Date of experiment:	Name of the operator:
Results sent date:	Signature of operator: