

University Science Instrumentation Centre (USIC)

University of Delhi, Delhi-110007

**Requisition form for using the facility of X-Ray Photoelectron Spectrometer
(XPS)**

Date _____

- A. Name of Indenter: _____
- B. Telephone and email id: _____
- C. Address of user: _____
- D. Supervisor name and Designation: _____

E.

a) Number of the samples						
b) Nature of Sample		Pellet () Thin Film ()				
c) Analysis Type		XPS () UPS* () Depth Profiling () REELS () ISS () Heating/Cooling XPS* ()				
d) Type of Sample		Insulating () Semi Conducting () Metallic ()				
e) Payment Details		Amount: Transaction ID: Transaction Date:				
Name of Samples	Sample Type	Expected elements & their energy range (eV)				
		E1	E2	E3	E4	E5

Please note:

- The heating + XPS/UPS sample will only be done once it is confirmed that the sample will not degas at high temperature than proposed analysis temperature. Please provide TGA data of the sample for heating analysis
- Maximum 5 elements will be done excluding carbon and oxygen for considering per sample charges
- \$If your sample contains S or I elements, then please mention it clearly.
- Sample should be dry clean and should not degas in nature at high vacuum. If your samples degas then heat (if possible) and put in vacuum overnight otherwise put in vacuum (min 10^{-3} torr) overnight.
- Please bring CD for copying the data (USB drives are not permitted)
- * Payment hour basis only

Signature of Supervisor

(Date & Official Stamp)

Note: Research publications emerging out of the XPS facility, USIC at University of Delhi must be duly acknowledged.