



XPS Facility

Central Research Facility (CRF)
Indian Institute of Technology, Ropar, Punjab
Email: crf.xps@iitrpr.ac.in, Phone-01881-23-XYZX

Requisition Form

Date:

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

(Please tick)

- E. Category I Internal PhD Student/Project Student
Category II Consultancy work
Category III External Academic User
Category IV Industry User

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

F.

a) Number of the samples						
b) Nature of Sample ^{\$}		Pellet () Thin Film () Drop Cast/Powder ()				
c) Analysis Type		XPS () UPS () Depth Profiling* () REELS () ISS () Heating XPS/UPS* () XPS Mapping () Cooling XPS/UPS* ()				
d) Type of Sample		Insulating () Semi Conducting () Metallic ()				
e) Payment Details ¹		Amount: Transaction ID: Transaction Date:				
Name of Samples	Sample Type	Expected elements & their energy range (eV)				
		E1	E2	E3	E4	E5

Signature of Supervisor

(Date & Official Stamp)

Note: Research publications emerging out of the XPS facility, CRF at IIT Ropar must be duly acknowledged. Please contact XPS facility at (crf.xps@iitrpr.ac.in) for any further query

For Laboratory Use Only:

Job form Received on (Date)	Job Assigned To (Name)	Job completed on (Date)	Data files handed over to Requisitioner	Remarks, if any

Payment details:

Please fill in the appropriate payment mode:

1. IIT Ropar Users

- Please transfer an amount of Rs. _____ from the operating grant of the _____ department to XPS (CRF) account.

(Signature of HOD)

- Please transfer an amount of Rs. _____ from the following sponsored / consultancy project fund to XPS (CRF) account:

Title of the project: _____

File No. _____ Department: _____

I certify that the funds are available for the same under appropriate head of the project.

(Signature of Principal Investigator)

2. Users from Consultancy / Other educational institutions / Govt. R&D labs.

Payment to be made by Demand draft drawn in favour of “Registrar, Indian Institute of Technology Ropar ”

Demand draft details:

Bank name: _____ Draft number and date: _____

Draft amount: Rs. _____

3. Users from industry

Payment to be made by Demand draft drawn in favour of “Registrar, Indian Institute of Technology Ropar”

Demand draft details:

Bank name: _____ Draft number and date: _____

Draft amount: Rs. _____

XPS Charges (Per sample): The 18% GST is applicable on top of the mentioned charges (At present no GST on IIT Ropar user)

	Internal		External Academic	Industry User
	Phd/Project Student	Consultancy work		
XPS (Per sample)	Rs 300	Rs 500	Rs 3000	Rs 7000
UPS (Per sample)	Rs 300	Rs 500	Rs 3000	Rs 7000
*Per Depth profiling additionally after normal XPS and UPS (per sample) and run XPS or UPS	Rs 450	Rs 750	Rs 4500	Rs 10,500
*Per Cluster ion depth profiling for XPS and UPS after normal XPS or UPS	Rs 450	Rs 750	Rs 4500	Rs 10,500
Reflected Electron Energy Loss Spectroscopy (REELS)	Rs 450	Rs 750	Rs 4500	Rs 10,500
Ion Scattering Spectroscopy (ISS)	Rs 450	Rs 750	Rs 4500	Rs 10,500
*Heating per temperature (RT to 725 deg C) XPS or UPS	Rs 600	Rs 1000	Rs 6000	Rs 14,000
*Per Cooling temperature (-140 deg C) with XPS or UPS	Rs 600	Rs 1000	Rs 6000	Rs 14,000
XPS mapping (On top of the element scan)	Rs 300	Rs 500	Rs 3000	Rs 7000

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 for considering per sample charges
- ***If your sample contains S or I elements, then please mention it and provide details on a separate sheet.**
- 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)

¹Account details for the payment:

Name of Institute	Indian Institute of Technology
Name of the Institute Account holder/Designation	Registrar, IIT Ropar
Name in Bank Account	IIT Ropar Revenue Account
Type of bank Account	Saving Account
Complete Account Number	37360100716
RTGS/IFSC code of the Branch	SBIN0013181
MICR Code	140002008