

XRD Requisition form External User

Name : _____ **Date:** _____

Designation : _____

Supervisor Name : _____

Department/ Institution : _____

Institution/Organization : _____

Email-Id : _____

Mobile No. : _____

User Category : **Academic Institutes / Industry**

Billing Address : _____

Number of the samples	Sample code	Nature of the sample	Angle (2 Θ) range	Scan type
		Powder / Pellet / Thin Film / Other _____ * Toxic / Non-toxic	10 – 80° _____	Normal /Rapid/ Slow / Custom

Signature of the User

Signature of the Supervisor

Signature of the Head / Materials Characterization lab

Signature of the Director/CFRD

Note:

- Powder Sample: Should be fine powder and quantity of **0.5 g**.
- Thin Film: Substrate thickness should be **~1 mm** & Size **2 × 2 cm**; Coating should be uniform and thin (~50 μ m).
- If it is metal piece or Solid material the size should not exceed **2 cm × 1 cm x 0.5 cm** (L x B X W)

Scan Type	Academic Institutes (Rs.) /Sample	Industry (Rs.) /Sample	Remarks
Rapid Scan	400	800	Powder/Thin Film (Normal mode)
Normal XRD	500	1000	Theta Value 10 – 80° . Kindly mention if any changes in theta values
Slow Scan (Per hour)*	800	1500	Please contact us before sending samples for slow scan, thin films for GI Mode and High temperature measurements.
GI MODE Thin Films*	600	1200	
High Temperature measurements*	5000	9000	
Peak Fitting/ Phase Matching	250	250	Mention the elements which is present in your samples.

* Charges vary based on experimental conditions

Contact Details: ✉ xrd@kpriet.ac.in or shankarh@kpriet.ac.in

☎ **0422 2635653.**

Courier Address: Dr .H. Shankar, Head AMC lab, Center for Research and Development , KPR Institute of Engineering & Technology, Arasur, Coimbatore 641407.