

Central Instrumentation Facility



X-ray Diffractometer (XRD)

Model: Empyrean; Make: PANalytical

Temperature: 300 K; Anode: Cu

2theta Range: -10° to 160° ; Step size: 0.0001°

Angular reproducibility: 0.0001°

Measurement options:

- Powder XRD
- Grazing Incidence XRD (GIXRD)
- X-ray Reflectivity (XRR)
- Texture Analysis
- Reciprocal Space Mapping (RSM)

User charges (in INR)

(GST @ 18.0% will be charged extra)

CURAJ Users	External (Academia)	External Users (Industry)
50/sample	200/sample	700/sample



Instrument In-charge:

Dr. Neeraj Panwar and Dr. Yugandhar Bitla

Department of Physics, CURAJ

E-mail: xrd@curaj.ac.in