

X-ray diffractometer facility at Chemical Engineering

Usage Charges:

Mode	IITB Students including Monash Academy (1X)	Students from other academic institutes (1X) ^{\$}	National R&D Organizations including SINE/Research Park startup (1.5 X)	Industry (2X + Y)
Normal (10° - 90° in 2θ), 5° per minute (~16 mins. scan)*	₹ 250 per sample	₹ 250 per sample	₹ 375 per sample	₹ 500 + ₹ 500 = ₹ 1000 per sample
HT-XRD [#]	₹ 4000 per sample	₹ 4000 per sample	₹ 6000 per sample	₹ 8000 per sample

\$ Time availability will be based on internal load.

* For user-defined/custom scan rate/dwell the charges will be ₹50/15 min./sample for 1X, ₹100/15 min./sample for 1.5 X and 2X.

It usually takes 4-5 hours from the temperature ramp up to hold and cool down. The charge is based on a sample basis. A maximum of 2 samples can per analyzer in a day. The user must discuss the parameters with the faculty in charge of the facility.

1. Taxes: GST (At present 18% for National R&D Organizations including SINE/Research Park startup and Industry)
2. No analysis will be done on the XRD data. The user will be provided the XY data in ASCII/CSV format on a DVD/CD (to be provided by the user). No data will be provided on USB sticks/ pen drives.
3. The user must furnish the signed analysis request form (provided below) and submit it along with the samples.
4. Only powdered samples will be accepted. For foils/films send request to the faculty in charge of the facility via email.
5. At a time only 5 samples will be accepted per user.
6. The rates may be revised every 6 months.
7. The facility will run on working days from 10:00 am to 5:00 pm.