



INDIAN INSTITUTE OF TECHNOLOGY PATNA

DEPARTMENT OF CHEMISTRY

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Powder X-Ray Diffractometer
(Make: MalvernPanalytical. Model: Empyrean)

The state of the art sophisticated powder XRD instrument is housed in the Department of Chemistry (Block-4, Room No. 005), IIT Patna. This instrument can facilitate the different mode of sample stages like flat, capillary, high temperature and cradle along with reflection and transmission modes of analysis.

To maintain the state of the art equipment Powder XRD facility and to provide expedited support in High-End Research following charges have been fixed to avail the facilities.

Powder XRD- Charges for data collection

Sl No	Type of analysis	Price Per Hour in Rs.		
		Other departments of IIT Patna	Academic and Educational Institutions and National Labs	Non-Academic Institutes/Industries
1	PXRD	300	600	1200
2	SAXS	1200	2500	5000
3	GIXRD	1200	2500	5000
4	HT-XRD (RT-1000 °C)	1200	2500	5000

Plus GST @ 18% per sample extra