

X-Ray diffractometer (XRD) facility Instructions and charges

Types of analyses available in our facility

- Powder XRD analysis (for powders, metallic samples etc) (Slow & Normal scan)
- Grazing Incidence XRD analysis (for thin films)

We also provide a data interpretation like,

- Peak fitting (labeling)
- Matching the crystal structures available in our database

Sample requirement for Analysis

- Powder sample (minimum 0.5g)
- Thin film (minimum 1*1cm)
- Metal (Minimum 1*1*1cm)

Before sending the metal& pellet sample, check that the top and bottom surfaces are even or flat and mark on the surface opposite to the surface to be analyzed.

All queries regarding the analysis and charges should be sent to xrd@psgias.ac.in or Tel: 0422 4344000 extn: 4752

Charges for analysis

For Educational institutions

S No	Analyzing mode	Internal (PSG Institution)			External (Other institution)		
		Charge	GST	Total	Charge	GST	Total
1	Powder/Thin Film(Norma)	200	18%	236	300	18%	354
2	Slow scan(Both sample)	300	18%	354	400	18%	472
3	GIXRD	400	18%	472	500	18%	590
4	Peak fitting/ Matching	25/PDF	18%	30	50/PDF	18%	59

For Industry

S No	Analyzing mode	Industry		
		Charge	GST	Total
1	Powder/Thin Film(Norma)	500	18%	590
2	Slow scan(Both sample)	800	18%	944
3	GIXRD	1000	18%	1180
4	Peak fitting/ Matching	100/PDF	18%	118

Account Details

PSG Institute of Advanced Studies – Account Details

Beneficiary Name : PSG Institute of Advanced Studies.

Account Number : 1481412317.

GST No : 33AAATP2881NAZY

PAN : AAATP2881N

Bank Name : Central Bank of India.

Bank Address : Peelamedu, Coimbatore - 641 004.

IFSC Code : CBIN0280913.

Note: Payment can be done after receiving an email from xrd@psgias.ac.in through online mode.

Postal address

XRD facility,

PSG institute of advanced studies,

Peelamedu, Coimbatore-641004

Contact no: 0422-4344752

Mail Id: xrd@psgias.ac.in

Faculty in-charge:

Dr. Anuradha M Ashok, Professor in Physics

Email: anu@psgias.ac.in