



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

POWDER X-RAY DIFFRACTOMETER

SCHOOL OF ADVANCED SCIENCES



Instrument Detail

Make: Bruker, Germany

Model: D8 advance

Source: 2.2KW Cu-anode ceramic tube

Detector: Lynx Eye Detector (Silicon strip detector technology) & Scintillation Detector (for low angle XRD analysis)

Beta filter: Ni Filter

Faculty I/C:

Dr. K. K. Cheralathan

Associate Professor

Department of chemistry

School of Advanced Sciences

VIT, Vellore-632014,

Tamilnadu.

Scientific Assistant:

P. Sathishkumar

School of Advanced Sciences

VIT, Vellore-632014

Email:sasxrd@gmail.com

Phone: 0416-220-2319

Analysis Charges:

Normal Scan: **Rs.350/-**(for academic institutions)

: Rs.750/- (for industry)

Slow Scan : Based on experimental conditions

(Before sending the samples contact us)

Mode of Payment: Through online only (For link see the sample analysis form for external users)

Qty.of samples required: 250-500mg: Preferable: 500mg

Samples should be sent to:

Faculty I/C

Powder XRD instrument Laboratory

School of advanced Sciences

VIT, Vellore-632014.