

XRD FACILITY

(Supported by DST-FIST)

This facility is funded by DST-FIST programme. At present, the facility has PANalytical X'pert³ powder X-ray Diffractometer for internal as well as external users. The instrument has the following features,



Make : PANalytical
Model : X'pert³ powder X-ray Diffractometer
Step size accuracy : $\pm 0.002^\circ$
Detector : Solid Stage Linear Detector
Software : X'pert³ High score

Sample Submission: Those who wants to avail the facility must submit the sample either in person (or) by post along with duly completed requisition form and payment details. Refer to the user request form.

XRD-Spectra will be recorded only after the payment.

For further details contact e-mail : xrdphysicsgri@gmail.com



USER REQUEST FORM
X-RAY POWDER DIFFRACTION (XRD) FACILITY
(DST - FIST SUPPORTED)
DEPARTMENT OF PHYSICS
THE GANDHIGRAM RURAL INSTITUTE (DEEMED TO BE UNIVERSITY)
Gandhigram – 624 302, Tamil Nadu

Name :
 Designation :
 Department/Institution :
 User Category : Internal/External Address :
 Phone Number : E-mail :

Details of samples submitted: Please provide the following details:

S.No	Sample code	Nature of Samples	Scan Rate		Payment Details
			Normal	Slow	

Payment Details (any one):

- Demand Draft:** Payable in favor of “CONSULTANCY ON XRDPHYSICSGRI”, and send to the Head of the Department, Department of Physics, Gandhigram Rural Institute, Gandhigram.’(Amount Rs.....DD Number.....& Date:)
- Challan paid at GRI CANARA BANK**(Original office copy of the challan must be submitted)
- Credited into Canara Bank A/c No8500101014242** (IFSC code: CNRB0008500) Branch: GRU Branch, “CONSULTANCY ON XRDPHYSICSGRI” Department of Physics, Gandhigram Rural Institute, Gandhigram Amount Rs. ... Transaction No.....Date.....
- Mention the receipt to be issued in favor of**

Certification by Guide/HOD: I hereby certify that the user is a bonafide research student of our institution.

Signature of the Research Scholar/Student

Signature of the Guide/HOD with seal

FOR OFFICE USE ONLY

Job Received : Job Completed: Log Entry :

Handled by :

Signature of the Head

Note:

1. Five samples per request will only be entertained.
2. The users will be informed about the date and time slots as per the availability via e-mail/Phone call.
3. The users are advised to give samples in perfect dry condition and asked to give CD for copying the data.
4. The users are instructed to show their presence while recording spectrum at the Department of Physics, GRI.
5. XRD Measurements charges are detailed below:

XRD (Per Sample)	Internal (Rs.)		External(Rs.)	
	Slow Scan	Normal Scan	Slow Scan	Normal Scan
Colleges/ Universities	300	100	1,000	300
Industries	----		2,500	1,500

6. The users may be advised to acknowledge the ***“GRI-XRDPHY FACILITY funded by DST-FIST”*** in their research publications.
7. The user are instructed to pay the amount by challan in the Canara bank, GRU branch provided by the Department in the day of recording the samples.
8. The soft copy of the requisition form should be sent by xrdphysicsgri@gmail.com; any other form of communication will never be entertained.
9. Samples sent by Post/Courier will not be entertained without any prior approval.

Contact Person:

Mr.M.Senthil Kumar : 79043-42306.

Mr.M.Saravana Kumar : 87606-41271.