

Department of Physics
Manonmaniam Sundaranar University
Tirunelveli – 627012

Circular

A Powder X-ray Diffractometer was sanctioned to Department of Physics, Manonmaniam Sundaranar University by DST-FIST program and the facility is opened to the researchers in all the educational institutions on chargeable basis. The recording charge per sample is given below. Payment of the recording charges is accepted only through **Demand Draft** drawn in the name of “**The Registrar, Manonmaniam Sundaranar University**” payable at **Tirunelveli**.

Instrument : PANalytical X’Pert Pro Powder X’Celerator Diffractometer
Measurement Range : 10 to 80 degree in 2 θ
Mode of Data Dispatch : E-mail
Sample : Powder or Thin Films
Quantity of Powder required : 0.5 grams (Minimum)

S. No.	Institution	Charge per sample
1	M.S. U. Departments other than Physics	Rs. 150/-
2	M.S.U. affiliated Colleges/Educational Institutions	Rs. 225/-
3	Any Other Educational Institutions	Rs. 300/-

An application form for the powder XRD measurement is attached with this circular. Interested researchers may make use of this facility by sending (i) Samples (ii) Demand Draft and (iii) Filled application form to “**XRD Facility, Department of Physics, Manonmaniam Sundaranar University, Tirunelveli – 627012**”.

NOTE: The recorded data will be sent to the applicant after three weeks from the date of receipt of the application form, sample, Demand Draft.

Professor and Head

Enclosure: Application Form

DEPARTMENT OF PHYSICS (DST-FIST Sponsored XRD Laboratory)
Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli – 627 012
(Ph. No.: +91 82207 56788 / E-mail: xrd_physics@msuniv.ac.in)

Requisition for XRD Measurement

1. **Applicant Category** : M.S. University Department / M.S.U. Affiliated College / Other Educational Institution
2. **Name & Designation** :
3. **Institution Name** :
4. **Mobile Number** : **E-mail ID** :
5. **Name of the Research Supervisor / Project Guide** :
6. **Sample Form (Powder, Film)** :
7. **Number of Samples** : **Sample code(s)** :
8. **Nature of the Sample** : hygroscopic / volatile / corrosive / poisonous / any other
9. **Measurement range of angle (2 θ)** : **From** : **To** :
10. **Demand Draft / Challan No.** : **Date** :

Certified that the above request is for academic purposes and charges may kindly be collected accordingly.

**Signature of the Applicant
with date**

**Signature of the Research Supervisor /
Head of the Department / Principal
with office seal**

For Office Use

Number code	Date of Receipt	Operator's Signature with date

Note: Samples should be accompanied with demand draft drawn in favour of “**The Registrar, Manonmaniam Sundaranar University**” payable at **Tirunelveli**. The recorded data will be sent through E-mail only. To get back the remaining sample, please attach a self addressed stamped envelope.

NOTE: The recorded data will be sent to the applicant after three weeks from the date of receipt of the application form, sample, Demand Draft.