



**MOTHER TERESA WOMEN'S UNIVERSITY
KODAIKANAL**



CENTRAL INSTRUMENTATION FACILITY

REQUISITION FOR XRD

1. Name of User :
2. Designation :
3. Department :
4. Institution name and address :

5. Email ID :
6. Mobile Number / Phone No. :
7. Purpose : PG / M Phil Project work / Ph D work/Research
8. Number of samples [Max. 4] :
9. Nature of samples : Fine powder / Thin film
10. Details of samples :

11. Scan range: Step size: Time per step:

12. Type of scan: **Normal scan [5 – 10 minutes] / Slow scan [1/2 – 1 hour]**
13. Type of analysis: XRD pattern
14. Reference from literature, if available or earlier record, if any:

15. Type of output : CD / email / hard copy
16. Format : xrdml / ascii / doc

Certified that the above request is for academic purposes. Concessional charges may kindly be collected. Further certified that we will under take guarantee for the payment of concessional charges.

Signature of the User

Signature of Guide

Signature of HOD/Principal

Date:

Seal

Note for powder samples: Should be fine powder and quantity of 0.5 gm.
Note for thin films: Total substrate thickness should be approximately 1 mm
Size: 2 x 2 cm. Coating should be uniform and thin [approximately 50 micron]

**Concessional charges Rs. 250/- per powder sample for normal scan and
Rs.500/- per powder sample for slow scan / thin film
Service Tax plus Education cess @ 12.36% and Rs.100/- towards administrative expenses will
also be collected.**