



UNIVERSITY SCIENCE INSTRUMENTATION CENTRE
BHARATHIDASAN UNIVERSITY
TIRUCHIRAPALLI- 620 024
X-RAY DIFFRACTION ANALYSIS

Date

Name			
Designation			
Address for communication			
Mobile Number			
E-Mail			
Nature of applicant	☐ Internal (BDU) ☐ BDU- Affiliated ☐ External Academic ☐ Industry		
Number of samples			
Nature of samples	☐ Toxic ☐ Non-Toxic		
2 Theta (θ)Range	From:_____ To:_____		
Payment Details			
Draft/URN No.	Name of the Bank	Date	Amount ₹ (Incl.-18% GST)
Declaration: I hereby agreed to terms and conditions of the institution for analyzing my samples and the results obtained here will be properly acknowledged for this instrument & facility without fail.			
Signature of the applicant			

Forwarded By,

Signature of Research Supervisor
(with seal)

Office use only

Serial No. : _____ Date of receipt of Sample : _____

No. of Samples : _____ Date of analysis (Tentative) : _____

Date of completion : _____

Technical Asst. Initial

Type of User : ☐ Internal- BDU ☐ BDU- Affiliated ☐ External Academic
☐ Industry

Payment verification :

Assistant Initial

Remarks:

Recommended,

**Signature of the Coordinator - USIC
(Dr. B. KADALMANI)**

Instruction for users

X-RAY DIFFRACTION ANALYSIS

- ▮ Duly filled Requisition form signed by their Research Supervisor and forwarded through Head of the Department/ Head of the Institution. The form should be submitted to the USIC Coordinator along with the samples.
- ▮ **Sample requirements:** Minimum 100 mg for powders, 1x1 cm for films
- ▮ The sample should be in dry powder form.
- ▮ Explosive, poisonous samples and samples giving rise to toxic / obnoxious gases / fumes on exposure to X-ray **cannot be undertaken for Analysis.**
- ▮ Samples which could affect the instrument will not be accepted for analysis. Additional charges will be levied in case of any damage/ contamination due to nature of the samples.
- ▮ Submit a fresh CD/DVD along with the application form for data collection.
- ▮ **No pen drive shall be entertained.**



Users are requested to acknowledge **USIC-BDU & DST-PURSE Bharathidasan University** for the publication of the work. Acknowledged papers should be sent to this office by e-mail (usic@bdu.ac.in).

Note:

1. Submit a fresh CD/DVD along with the application form for data collection.
2. Payment details should be furnished.