

 <b>UNIVERSITI PENDIDIKAN SULTAN IDRIS</b> اونیورسیتی کندیپدیکان سلطان ادریس SULTAN IDRIS EDUCATION UNIVERSITY	<b>FACULTY OF SCIENCE AND MATHEMATICS</b> <b>UNIVERSITI PENDIDIKAN SULTAN IDRIS</b> Tel: 015-4879 7305 / 7306 Email : instrumenfsm@upsi.edu.my website: https://fsmf.tupsi.edu.my/scientific-instrument/	20__/FSM/XRD/__( ) JPPS Ref. No. 20__ - FSM/D__ / __ - ____ UPSI/FSM/JPPS(AMD 01)
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**APPLICATION FOR SAMPLE ANALYSIS  
X-RAY DIFFRACTION (XRD)**
**PART A: APPLICANT INFORMATION**

Applicant Name : \_\_\_\_\_

Matrix / Staff No. : \_\_\_\_\_ Contact No. : \_\_\_\_\_

Programme : \_\_\_\_\_

Department / Address : \_\_\_\_\_

Supervisor Name : \_\_\_\_\_

Project / Research Title : \_\_\_\_\_

Vot / Grant No. : \_\_\_\_\_ Current Balance : \_\_\_\_\_

Please tick (/) : Undergraduate (UPSI)  Postgraduate / Researcher (UPSI)  External

**PART B: SAMPLE**

Number of Sample : \_\_\_\_\_

**PART C: DECLARATION**

STUDENT / STAFF DECLARATION	SUPERVISOR / LECTURER DECLARATION
I acknowledge that all information given above is true. I will be responsible for any damages that occurred due to falsification of the information.  _____ (Signature & Stamp)  Name : _____ Date : _____	I acknowledge that this student is under my supervision. * I agree to pay the cost set by the Faculty of Science and Mathematics. <i>*(If Applicable Only)</i>  _____ (Signature & Stamp)  Name : _____ Date : _____

**PART D: APPROVAL BY SCIENTIFIC INSTRUMENT COORDINATOR**

**APPROVAL BY SCIENTIFIC INSTRUMENT COORDINATOR : APPROVED / NOT APPROVED**

Reason if not approved : \_\_\_\_\_

\_\_\_\_\_  
 (Signature & Stamp)  
 Name : \_\_\_\_\_  
 Date : \_\_\_\_\_

**OFFICE USE**

Operator Name : \_\_\_\_\_

Received Date : \_\_\_\_\_

Completed Date : \_\_\_\_\_

Remarks : \_\_\_\_\_

PAYMENT RATE		
	UPSI	External
Scan	RM 50/ persample RM 30 / Analysis /hour	Rm 150 /sample RM 50 /Analysis / hour
Urgent	Not Available	Rm 300 /sample RM 50 /Analysis / hour

**PART E: SAMPLE INFORMATION**

NO	SAMPLE NAME	NO	SAMPLE NAME
1		5	
2		6	
3		7	
4		8	

Scanning Range*	Standard 3' - 80 ' Others (Please specify within 3 - 80 ) :		Please tick ( √ ) category sample				
Scanning Speed*	Standard : 3 / min		Powder	Solid	Block	Film	Other
	Other ( Please specify 3 - 10 / min )						

**GENERAL RULES AND REQUIREMENT**

1. The sample must be prepared by the applicant.
2. Samples to be analyzed must be labeled clearly.
3. Please ensure that the sample is sieved into a fine powder state
4. The surface area of solid and thin samples must be at least 2 cm x 2 cm.
5. Maximum surface area for sample block is H:2, W:6, D:3 (unit :cm)
6. Only raw data will provided.