

X-Ray Analytical Service (XRD) Requisition Form Centre for Advanced Research in Sciences (CARS) University of Dhaka, Dhaka-1000, Bangladesh

E-mail: cars@du.ac.bd, Fax: +88-02-9667222; Form is available at https://cars.du.ac.bd/services/forms

X-ray equipment: RIGAKU Ultima IV X-ray Diffractometer

Name of Teacher/Person : Iffat Nur Esha Department/Institute/Address : Physics , DU Date of Requisition : 2024-09-29 Laboratory : Basic Facilities and Sample Processing Laboratory Service Name : XRD (Crystalline/Amorphous powder) Sample ID : S1, S2, S3, S4,S5,S6,S7 Number of Samples : 7 Sample Type : Inorganic Sample Composition : SnO2, Cr doped SnO2, and Cr-Fe codoped SnO2 Sample Nature : If the sample Contains Mositure or Volatile Org. Solvent : Absent	Department/Institute/Address Date of Requisition Laboratory Service Name Sample ID Number of Samples	:	Physics , DU 2024-09-29 Basic Facilities and Sample Processing Laboratory XRD (Crystalline/Amorphous powder)
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Service Name : XRD (Crystalline/Amorphous powder) Sample ID : S1, S2, S3, S4,S5,S6,S7 Number of Samples : 7 Sample Type : Inorganic Sample Composition : SnO2, Cr doped SnO2, and Cr-Fe codoped SnO2 Sample Nature : Absent	Service Name Sample ID Number of Samples	:	XRD (Crystalline/Amorphous powder)
Sample ID : S1, S2, S3, S4,S5,S6,S7 Number of Samples : 7 Sample Type : Inorganic Sample Composition : SnO2, Cr doped SnO2, and Cr-Fe codoped SnO2 Sample Nature : Absent	Sample ID Number of Samples	+	
Number of Samples : 7 Sample Type : Inorganic Sample Composition : SnO2, Cr doped SnO2, and Cr-Fe codoped SnO2 Sample Nature : Absent	Number of Samples	:	C1 C2 C2 C4 C5 C6 C7
Sample Type : Inorganic Sample Composition : SnO2, Cr doped SnO2, and Cr-Fe codoped SnO2 Sample Nature : Absent	•		51, 52, 53, 54,53,50,57
Sample Composition : SnO2, Cr doped SnO2, and Cr-Fe codoped SnO2 Sample Nature : Absent	Sample Type	:	7
Sample Nature : If the sample Contains Mositure or Volatile Org. Solvent : Absort	Sample Type	:	Inorganic
If the sample Contains Mositure or Volatile Org. Solvent	Sample Composition	:	SnO2, Cr doped SnO2, and Cr-Fe codoped SnO2
	Sample Nature	:	
(VOS)	If the sample Contains Mositure or Volatile Org. Solvent (VOS)	:	Absent
Sample stability : Air and moisture stable	Sample stability	:	Air and moisture stable
Sample amount / size : Not less than 500 mg	Sample amount / size	:	Not less than 500 mg
Scan range (2-theta0) : 20-90	Scan range (2-theta0)	:	20-90
Step/min : Standard (3 degree/minute)	Step/min	:	Standard (3 degree/minute)
Submit Date : 2024-09-29	Submit Date	:	2024-09-29
Category for Billing : Category A: DU Teachers and Students doing M.S./M.Phil/PhD under D.U	Category for Billing	:	Category A: DU Teachers and Students doing M.S./M.Phil/PhD under D.U
Cost : Tk. 7000	Cost	:	Tk. 7000
Student/Person : Kazi Azrin Zahan	Student/Person	:	Kazi Azrin Zahan
Mobile No : 01317908819	Mobile No	:	01317908819
Email : s-2018925724@phy.du.ac.bd	Email	:	s-2018925724@phy.du.ac.bd

a. Please note that Pen-drive is not allowed to transfer data from XRD. A blank CD has to be provided with the requisition form if electronic files of the XRD data is requested.

Signature of teacher/person requesting the service:
I hereby declare that I do/do not receive any foreign/local funding for my research (strike off as applicable).
Signature of teacher requesting the service
Recommendation from concerned chariman/director I hereby attest the above declaration and recommend that the above analysis be billed under category
Name and Signature of Chairman/ Director (with seal):
Department/Institute:
Date:

(For use by the CARS):	
Requisition book entry serial & date: Date (s) analyses performed: Total number of samples done: Analysis log book entry serial & date:	
	Chief Scientist/Principal Scientist/Senior Scientist/Scientist/Analyst
Calculation of Bill:	
Bill number: Date:	
	Principal Accounts Officer