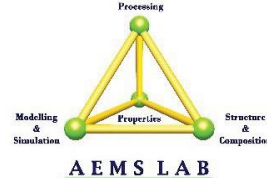




**National University of Sciences & Technology (NUST)
U.S.-Pakistan Centre for Advanced Studies in Energy**



ADVANCED ENERGY MATERIALS & SYSTEMS LAB

SERVICE REQUEST FORM - X-Ray Diffraction

<p align="center"><u>For Official Use</u></p> <p>Serial No: _____</p> <p>Date: _____</p>
--

Faculty Student (BS/MS/PhD) External

Name: _____ Dept. /Organization: _____

Registration #: _____ Contact #: _____

Email: _____ Project Supervisor: _____

Project Title: _____

Number of samples:	(Maximum three samples are allowed)
Analysis Details: 1. What do you want to find out? 2. General and specific goal/s? 3. Bring relevant literature?	1. 2. 3.
Detailed Sample Description: The samples should be in solid form and moisture free	1. Chemical composition: 2. Powder / Coatings / Pellet:
Test Conditions: Standard Conditions: 2 Theta Range: 5° - 80° Scan Rate: 0.2° / sec <i>Please consult the lab engineer/equipment in-charge if you want to perform the XRD at different scan rate.</i>	

***Signatures & Stamps**

Project Supervisor: _____ Principal/Dean/HoD: _____
(Initiating school/center)

Signature of Equipment In-charge: _____
(Dr. Mustafa Anwar, Assistant Professor, USPCAS-E)

***Only one form will be accepted at once, and the applicant can submit a separate form after 2 weeks.** The applicant and his/her supervisor must address all safety aspects. AEMS Lab will not accept samples which are radioactive, bio-hazardous, explosive, volatile/dirty etc. The Applicant must furnish max. information as asked above, please. It is the sole responsibility of the student/applicant to collect the results by providing a DVD/CD. Rescheduling the time slot is not permitted.

For Lab/USPCAS Usage Only

Sample received on: _____ Processed by: _____

Analysis Results sent on: _____ Results Prepared by: _____

Result to be sent (Email /Courier): _____

Testing charges received (Amount & Cheque No.): _____