

University of Engineering and Technology, Lahore Pakistan
Centre for Nanotechnology and Advanced Materials Research (CNAMR)
Department of Physics
Performa for Nanoindentation

Name: _____

Designation: _____

Name of Supervisor (if any): _____

Institute/Department: _____

Project title (if any): _____

Cell number & email: _____

No. of samples: _____

Brief description: what do you want to conduct on Nanoindenter? (mandatory):

- Any specific test type*: _____
 - Maximum load/maximum displacement**: _____
 - Loading rate, Loading type: _____
 - For thin films/coatings: Coating thickness _____ and Surface Roughness _____
 - Any other specification/requirement: _____
- _____
- _____

*quasi static indentation, dynamic indentation, nanowear, etc.

**maximum loading limit on low load transducer is 10 mN while it is 10N on high load transducer.

Sample requirements: i) Samples surface should be plane parallel (flat/polished from both sides).
 ii) Powdered samples cannot be used/tested.

Sample dimensions: i) sample thickness must not exceed 20 mm.
 ii) Square, disc or irregular shaped specimen, where one dimension (length or width) is exceeding 1 cm must be discussed prior to testing.

Deposit Details: Habib Bank Ltd (Engineering University Lahore Branch)

Title: "UET Lahore Centre for Nanotechnology"

Account No: 01287903194101

Paid challan form No. (Attach a copy of the paid challan form) _____

Applicant's signature

Supervisor's (if any) (Signature and stamp)

Director CNAMR

Charges per sample

Sr. No.	Perspective Clients	Indentation	Indentation + SPM	Nanowear
1	UET Lahore and allied campuses	Rs. 500	Rs. 1000	Rs. 1000
2	Educational institutes	Rs. 3000	Rs. 4000	Rs. 4000
3	Commercial samples (industries)	Rs. 5000	Rs. 6500	Rs. 6500

- Rs. 1000 will be charged for sample preparation
- The rates for nanoindentation with other special requirements will be decided by the Committee/Director.