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

Performa for Nanoindentation

Name: _____Registration no (for students):_____
Designation: _____
Name of Supervisor (if any): _____
Department/Institute: _____
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 the copy)_____ Paid amount _____

Applicant's signature **Supervisor's (if any) (Signature and stamp)**

Chairperson/Head/Director: **Incharge**

Signature and Stamp **Nanoindentation/AFM Laboratory**

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.