



Indian Institute of Technology Ropar

Scanning Probe Microscope Laboratory
Central Research Facility

SPM User Form

Name of the user: _____

Department: _____

Institute: _____

Affiliation (Tick whichever is applicable):
IIT Ropar
Consultancy / Other Educational Instt. / Govt. R&D labs
Industry

Sample description:

Material: _____

Method of preparation used: _____

Type (Indicate which one is applicable): Film / powder

Toxicity: Toxic / Non-toxic

Conducting: Yes / No

Measurement details (Refer to rate chart for details):

Mode: AFM / STM / MFM / Nano-indentation / EFM/ Nanolithography / Fluid cell imaging /
Nanomechanical property imaging

Number of samples: _____

Number of images required: _____

Any other specific requirement: _____

Please provide other supporting studies related to the sample morphology (if any). This will help in imaging the sample faster and better.

Estimated charges (in Rs.): _____ (For official use only)

The above information is true to the best of my knowledge. In case, of any inconsistency, I agree to pay for the difference in charges (if any).

Signature of user:

Signature of Research Supervisor / Reporting Officer:

Alotted Job No.: _____

Signature of laboratory support staff: _____

Please complete the work.

Signature of Faculty-in-charge: _____

Payment details:

Please fill in the appropriate payment mode.

1. **IIT Ropar Users**

- Please transfer an amount of Rs. _____ from the operating grant of the _____ department to SPM (CRF) account.

(Signature of HOD)

- Please transfer an amount of Rs. _____ from the following sponsored / consultancy project fund to SPM(CRF) account:

Title of the project: _____

File No. _____ Department: _____

I certify that the funds are available for the same under appropriate head of the project.

(Signature of Principal Investigator)

2. **Users from Consultancy / Other educational institutions / Govt. R&D labs.**

Payment to be made by Demand draft drawn in favour of "Registrar, Indian Institute of Technology Ropar"

Demand draft details:

Bank name: _____ Draft number and date: _____

Draft amount: Rs. _____

3. **Users from industry**

Payment to be made by Demand draft drawn in favour of "Registrar, Indian Institute of Technology Ropar"

Demand draft details:

Bank name: _____ Draft number and date: _____

Draft amount: Rs. _____

Charges for SPM analyses:

Mode	New rates (in Rs.) (for each set of ≤ 5 scans)		
	IIT Ropar	Consultancy / Other Academic Instt./ Govt. R & D labs	Industry
AFM	100	1200	2400
MFM	150	2000	4000
STM	50	750	1500
EFM	150	2000	4000
Nanolithography	250	2500	3500
Nano-oxidation	200	2400	4800
Fluid Cell imaging	125	1500	2000

Please note that Service Taxes at the rate of 14.5% (or as applicable) will be added to the above charges.

In case, the requested number of scanned images, exceeds 5, the excess will be treated as a new sample.