



# 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:**

<b>Mode</b>	<b>New rates (in Rs.) (for each set of <math>\leq 5</math> scans)</b>		
	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

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