

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI, MUMBAI.

BIO-AFM (BSBE) - IRCC BIO-Atomic Force Microscopy (BIO-AFM) Central Facility

E mail: bioafm@iitb.ac.in

Registration Process:

I) Internal Users:

Users within IIT Bombay can apply from <http://drona.ircc.iitb.ac.in>. The form should be completely filled up and all the sample details must be provided in the requisition form. Users need to be present at the time of analysis on the allotted appointment date/time. If a user wishes to change his/her time slot, an email should be sent immediately to bioafm@iitb.ac.in requesting change in appointment.

II) External Users:

➤ Academic Institutions:

You can come in-person or send a letter from the Guide / HoD on the Institution's Original Letter Head along with the Registration Form stating that the analysis is for research purpose, to qualify for academic concession. The letter should be addressed to Prof. Shamik Sen, Convener, Central AFM Facility, Department of BSBE, IIT Bombay, Powai, Mumbai-400076.

➤ National R & D Lab's:

You can come in-person or send a letter signed by an authorized signatory of your Institution on Original Letter Head along with the Registration Form, stating that the analysis is for research purpose. The letter should be addressed to Prof. Shamik Sen, Convener, Central AFM Facility, Department of BSBE, IIT Bombay, Powai, Mumbai-400076.

➤ Industry & Non- Government Agencies:

You can come in-person or send a letter signed by an authorized signatory of your Organization, along with the Registration Form. The letter should be addressed to Prof. Shamik Sen, Convener, Central AFM Facility, Department of BSBE, IIT Bombay, Powai, Mumbai-400076.

You are requested to mention in your request letter that “We agree to acknowledge the BIO-AFM (BSBE) - IRCC BIO Atomic Force Microscopy (BIO-AFM) Central Facility of I.I.T. Bombay when the data from the Bio-AFM lab are used in our papers/reports/thesis”.

The information on such acknowledgements with appropriate reference should be communicated to Bio-AFM lab vide email bioafm@iitb.ac.in Kindly send the complete publication reference (Journal name/volume number/names of the authors/date of issue of the publication etc.).

CHARGES FOR EXTERNAL USERS

(Please add service charges at prevailing rates)

Basic Charges + GST*(as applicable).

GST* rate as on 1.8.2017:

- If the recipient of the report is from Maharashtra: **9% SGST & 9% CGST.**
- If the recipient of the report is from outside Maharashtra: **18% IGST.**

Description	Academic	National R & D Lab	Industry/Non Govt. Agencies
Per 3Hrs slot (Max 3 samples/Slot)	₹ 5000	₹ 5000	₹ 8000

- Payment should be made in advance by a Demand Draft (DD) drawn in favor of "**The Registrar, IIT Bombay, P and C Account**". The same should be sent to **Prof. Shamik Sen, Convener, Central AFM Facility, Department of BSBE, IIT Bombay, Powai, Mumbai-400076**, along with the Request Letter and Registration Form.
- **Appointment:** The users will be informed about their date and time-slot by email. If the day and time-slot is not suitable for you, an email request should be sent immediately for an alternate slot.
- **Sample Submission:** Samples are to be brought along on the date of your appointment for analysis.
- **Results:** After the sample analysis is complete the results will be sent by email (Image Data).

GENERAL INSTRUCTIONS TO THE USERS

1. The experimental data provided is only for research / development purposes. These cannot be used as certificates in legal disputes.
2. A maximum 3 samples will be analyzed against a single Registration Form.
3. The users should know the approximate roughness or elasticity (For force mode) of the sample before submitting it for analysis.
4. MSDS (Material Safety Data Sheet) should be given along with samples to ensure that the samples are not toxic or hazardous. Samples will not be accepted unless accompanied by MSDS.
5. Dry sample will be mounted on glass slide with the help of double sided adhesive tape for strong adhesion, Liquid sample will be mounted on 60mm petri dish, **sample may get damaged during removal.**
6. Please add **Tax** at prevailing rates to charges.