



Meerut Institute of Engineering and Technology

DST – Fist Center Central Facility – Flow Cytometer

Internal Users

MIET Meerut users: Please refer to <https://www.miet.ac.in/Instrumentation-facilities>

External Users: Information and registration

Academic Institutions / National R & D Lab’s / Industry & Non-Government Agencies: User can come personally or send a letter from the Guide/HOD on the Institution’s Original Letter Head along with the Registration Form and Demand draft. The letter must clearly indicate whether the samples are for Research or Consultancy purposes. The letter should be addressed to the HOD DST - Fist Center, Prof. Eliza Chakraborty, Department of Biotechnology, MIET Meerut, NH-58, Baghpat Road, Bypass Crossing, Meerut - 250005, Uttar Pradesh.

All external users are requested to mention in the request letter that “We agree to acknowledge the Flow Cytometer Facility of MIET Meerut when the data from the Facility is used in our papers/reports/thesis”. The information on such acknowledgements with appropriate reference should be communicated to Flow Cytometer facility via email on instruments.dbt@miet.ac.in. Kindly send the complete publication reference (Name of authors/ paper title/ Journal name/volume number/page number / date of issue of the publication etc).

Experimental price for external users: Basic charges + GST* (as applicable)

Basic charges

No. of samples	Pricing (Rs.) ‡	
	Academic Institution	Industry
Acquisition[†]		
First 10 samples or part of sample		
Every additional 10 samples beyond the first 10		

‡ Pricing is only for data collection. User is expected to bring their own recordable CD to copy the collected data.

† Acquisition refers to collecting data on different channels and statistics as reported by BD Accuri C6 software. The charge for acquisition is same irrespective of the number of detectors desired by the user for a sample. The System supports 48-well plates, 96-well plates, and 24-tube rack.

*GST rate as on October 12, 2020. The recipient of the Flow Cytometer data and analysis is payable @ 18%.

General instructions to the users

Payment Mode: Payment should be made in advance by a Demand Draft (DD) drawn in favour of ".....". The same should be sent to the HOD DST - Fist Center, Prof. Eliza Chakraborty, Department of Biotechnology, MIET Meerut, NH-58, Baghat Road, Bypass Crossing, Meerut - 250005, Uttar Pradesh

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 to instruments.dbt@miet.ac.in should be sent immediately for an alternate slot.

Sample Submission: Samples are to be brought in person on the date of your appointment.

Results: User is expected to bring their own recordable CD(s) to copy the collected data. After the sample analysis is complete, the collected data files will be copied to the CD provided by the user.

(The experimental data provided is only for research / development purposes. These cannot be used as certificates in legal disputes.

Note: Samples will not be analyzed until payment is received.

Instructions for sample preparation/submission

- 1) Users are expected to bring their own sample for analysis.
- 2) Samples should not be viscous.
- 3) Samples should not be prepared in Organic solvents (e.g. THF, Acetone, Hexane, Toluene etc.)
- 4) Clumping should be avoided. Clumps can block the nozzle and can affect analysis.
- 5) Minimum volume of sample required for analysis is 500 μ l and the concentration of cells/particles required is approx. 1×10^6 cells or particles per ml for better analysis.
- 6) User should bring appropriate compensation controls required for the experiment and every sample for analysis shall be accompanied by an unstained control.