

INFORMATION FOR USERS

The charges for the automatic gas sorption analysis are as follows (in INR and effective from 20.03.2018):

Measurement	IIT(ISM)	Academic Institutions*	National R&D Lab*	Industry*
Multipoint BET Surface Area Measurement by N ₂ gas sorption (Max. 11 Points)	600/-	1000/-	1000/-	2000/-
Mesopores (Surface area, Pore-size & Pore volume by N ₂ gas sorption –Maximum 80 Points)	1600/-	2000/-	2000/-	4000/-
Micro-Mesopores (Surface area, Pore-size & Pore volume by N ₂ gas sorption –Maximum 150 Points)	2500/-	3000/-	3000/-	5000/-
CO ₂ Adsorption Isotherm (Single Temperature)	1500/-	2000/-	2000/-	4000/-
H ₂ Adsorption Isotherm (Single Temperature)	3000/-	3500/-	3500/-	5000/-

*The charges are excluding GST and it may be calculated as per government rules. No GST is required for IIT(ISM) user.

Booking Rules for Automatic Gas Sorption Analysis

- 1) All payment must be made prior to booking of the slot and true copy of the payment slip (for deposit in IIT(ISM) cash counter in the head of **CRF-GSA**) or original DD (must be drawn in favour of **Registrar, IIT(ISM)**) must be provided with booking form.
- 2) GSA is available for booking every week 5 days (Monday - Friday).
- 3) Deadline for submission of slot booking forms is Thursday (up to 3 PM) of the previous week.
- 4) Allotment of slot will be notified at 4 PM on the next day (i.e. Friday).
- 5) One can get booking slots for a maximum of three samples at a time. Users who could not obtain a booking in the preceding fortnight will be given preference.
- 6) All forms must be forwarded through the concerned HOD, HOC, PI, Guide or Prof.-in-Charge etc. and to be submitted in the GSA Laboratory.
- 7) In case of power shut down or unforeseen disturbances, any unutilized slot will be subsequently compensated for in the next round of booking.
- 8) All users should inform composition and sample details to the operator and leave a copy of the photographs/results in the laboratory for internal records (log book).
- 9) Generated data will be provided to the user only through the new unused blank CD. No request will be entertained for providing generated data by E-mail, Pen-drive, External hard disk or any other means. Thus user may bring a new CD for collection of their data.
- 10) All users are sincerely requested to inform the laboratory if any of the results obtained from GSA receive special recognition (publication, award, journal-cover-page, special citation etc.) and leave a copy of their reprint, photograph or award copy with the GSA lab for internal documentation.
- 11) Samples must be dried properly prior to sending to GSA laboratory.