

Major instrument facilities at IMTECH and Revised Instrument run charges:-

Name of the Instrument	Name of the Scientists	Supporting staff	Charges		
			IMTECH/ CSIR Labs *	Government Organizations / Educational Institutes **	Private Labs **
Confocal Microscope	Dr. Manoj Raje Dr. Pradip Sen Dr. Pawan Gupta	Mr. Deepak Bhatt Ms. Anjali Kaundal	Rs. 250/hour	Rs. 1000/hour	Rs. 2000/hour
Electron Microscopes (a) SEM (b) TEM	Dr. Manoj Raje Dr. Krishan Gopal	Mr. Anil Theophilious Mr. Randeep Sharma	Rs. 6000/ day (half day permitted)	Rs. 25000/ day (half day permitted)	Case to case basis
Atomic Force and Scanning Tunneling Microscope	Dr. Deepak Sharma Mr. Rishabh Verma	Mr. Rishabh Verma Mr. Surjeet Singh	Rs. 350/sample	Rs. 750/sample	Rs. 1500/sample
Automated Force Spectroscope	Dr. Deepak Sharma Mr. Rishabh Verma	Mr. Surjeet Singh	Rs. 350/sample	Rs. 750/sample	Rs. 1500/sample
Fluorescence Activated Cell sorter (a) Cell sorter (b) Flow cytometer	Dr. Pawan Gupta Dr. Pradip Sen Dr. Rashmi Kumar Dr. Ashwani Kumar	Ms. Anjali Koundal Mr. Deepak Bhatt	Rs. 300/hour Rs. 200/hour	Rs. 600/hour Rs. 400/hour	Rs. 2000/hour Rs. 1000/hour
DNA Sequencer(s)	Dr. Dibyendu Sarkar Dr. Pawan Gupta	Mr. Deepak Bhatt Mr. Sumit Mittal	Rs. 200/sample	Rs. 300/sample	Rs. 600/sample
Molecular Imaging Workstation	Dr. Dibyendu Sarkar Dr. Pradip Sen	Mr. Surjeet	Rs. 150/sample	Rs. 200/sample	Rs. 400/sample
Amino Acid Analyzer	Dr. Ashish Ganguli Dr. Karthikeyan Subramanian	Mrs. Paramjit Kaur Ms. Neha Rana	Rs. 4500/sample	Rs. 7500/sample	Rs. 15000/sample

Peptide/organic synthesis facility	Dr. Ashish Ganguli Dr. Raman Prakesh Dr. S. Kumaran	Mr. Sameer	Synthesis Scale (mg)	Set-up and Work-up Fee [includes 3 residues]	Each additional Residue up to 20 residues	Each Additional Residue after 20 residues	Semi-prep HPLC	Over Head Cost
			0-10	5000	500	700	1000	10%
			11-50	12000	1200	1400	1600	10%
			51-100	15000	1800	2000	2000	10%
			101-250	20000	2400	2600	2500	10%
Mass Spectrometer GC-MS/MS	Dr. Hemraj S. Nandanwar Mr. Mohit Paul	Mr. Vineet Kumar	MS: Rs. 500/sample GC/MS: Rs. 1000/sample GC MS/MS: Rs. 1500/sample Method Development: Rs. 500/hour extra		MS: Rs. 1000/sample GC/MS: Rs. 1500/sample GC MS/MS: Rs. 2500/sample Rs. 100 per peak extra for Library search Column changing charges: Rs. 2500/- extra	MS: Rs. 2000/sample GC/MS: Rs. 3000/sample GC MS/MS: Rs. 5000/sample Rs. 200 per peak extra for Library search Column changing charges: Rs. 5000/- extra		
Mass Spectrometer (LC-MS/MS)	Dr. Alka Rao Dr. Pawan Gupta Dr. Karthikeyan Subramanian Dr. Raman Prakesh	Ms. Bhumika Vaidya Ms. Sharanjeet Kaur	Intact Mass: Rs. 750/sample MS/MS Analysis: Rs. 1500/sample	Intact Mass: Rs. 1500/sample MS/MS Analysis: Rs. 4000/sample	Intact Mass: Rs. 3000/sample MS/MS Analysis: Rs. 8000/sample			
Mass Spectrometer (MALDI-TOF/TOF)	Dr. Alka Rao Dr. Pawan Gupta Dr. Karthikeyan Subramanian Dr. Raman Prakesh	Ms. Sharanjeet Kaur Ms. Bhumika Vaidya	Intact Mass: Rs. 500/sample MS/MS Analysis: Rs. 1000/sample	Intact Mass: Rs. 1500/sample MS/MS Analysis: Rs. 4000/sample	Intact Mass: Rs. 3000/sample MS/MS Analysis: Rs. 8000/sample			
Macromolecular Crystallography Unit	Dr. Karthikeyan Subramanian Dr. Krishan Gopal Dr. S. Kumaran	Mr. Surinder Singh	Rs. 500/day	Rs. 1000/day	Rs. 2000/day			
Dynamic Light Scattering system (a) Size (b) Zeta	Dr. Ashish Ganguli Mr Rishabh Verma	Mr. Shashi Dhar	Size: Rs. 200/sample Zeta: Rs. 400/sample	Size: Rs. 400/sample Zeta: Rs. 800/sample	Size: Rs. 600/sample Zeta: Rs. 1200/sample			
NMR Spectrometer	Dr. Raman Prakesh Dr. Ashish Ganguli	Mr. Chander Prakash Mr. Ganesh Lal Meena	Rs. 500/sample	Rs. 1000/sample	Rs. 2000/sample			
Isothermal Titration Colorimetry (Auto-ITC)	Dr. Krishan Gopal Dr. Ashish Ganguli	Mr. Digvijay	Rs. 100/hour	Rs. 250/hour	Rs. 500/hour			

TGA/DSC	Mr. Rishabh Verma	Mr. Shashi Dhar Mr. Anurag Kashyap	Rs. 400/sample	Rs. 800/sample	Rs. 1500/sample
FT-IR	Dr. Ashish Ganguli	Mr. Anurag Kashyap Mr. Shashi Dhar	Rs. 400/sample	Rs. 800/sample	Rs. 1200/sample
Differential scanning Calorimetry	Dr. Deepak Sharma Dr. Beena Krishnan Dr. S. Kumaran	Mr. Digvijay	Rs. 150/hour	Rs. 300/hour	Rs. 600/hour
LN₂ Plant	Dr. Shrinivasan Krishnamurthi	Mr. Upender Mr. Malkit Singh Mr. Ramesh	Rs. 30/litre	Rs. 40/litre	Rs. 50/litre
Analytical Ultracentrifuge	Dr. S. Kumaran Dr. Deepak Sharma Dr. Beena Krishnan	Mr. Digvijay	Velocity Experiment: Rs. 150/hour Equilibrium Expt.: Rs. 500/day	Velocity Experiment: Rs. 300/hour Equilibrium Expt.: Rs. 1000/day	Velocity Experiment: Rs. 1000/hour Equilibrium Expt.: Rs. 4000/day
Whole Body Imager for Small Animals	Dr. Pawan Gupta Dr. Neeraj Khatri Dr. Ashwani Kumar	Mr. R. Dass Ms. Anjali Kaundal	Rs. 500/hour	Rs. 1000/hour	Rs. 2000/hour
BIACORE	Mr. Rishabh Verma	Ms. Anjali Koundal	Rs. 1000/sample	Rs. 1500/sample	Rs. 3000/sample
Sophisticated Fluorimeters	Dr. Beena Krishnan Dr. S. Kumaran	----	Rs. 100/hour	Rs. 200/hour	Rs. 500/hour
Rapid kinetics instrument (BioLogic SFM 400F/Q)	Dr. Beena Krishnan Dr. S. Kumaran Dr. Krishan Gopal	----	Rs 200/hour	Rs 500/hour	Rs 1000/hour
JASCO Spectropolarimeter (CD)	Dr. Beena Krishnan Dr. S. Kumaran Dr. Krishan Gopal	Mr. Digvijay Singh	Rs 200/sample	Rs 400/sample	Rs 800/sample
Akta Protein Purification System	Dr. Krishan Gopal Dr. S. Kumaran Dr. D.K. Sahoo	----	Rs. 200/day	Rs. 500/day	Rs. 1000/day

HPLC	Dr. Ashish Ganguli Dr. Suresh Korpole Dr. Raman Prakesh Dr. Hemraj S. Nandanwar	----	Rs. 400/sample	Rs. 800/sample	Rs. 1500/sample
Preparative HPLC	Dr. Ashish Ganguli Dr. Suresh Korpole Dr. Raman Prakesh Dr. Hemraj S. Nandanwar	----	Rs. 300/hour	Rs. 600/hour	Rs. 1200/hour
Next generation Sequencer	Dr. P. Anil Kumar Dr. Prabhu B. Patil	----	Rs. 0.6 lakh per bacterial genome	Rs. 1.0 lakh per bacterial genome	Rs. 1.5 lakh per bacterial genome
In-silico	Dr. Srikrishna Subramanian Dr. Balvinder Singh Dr. Ashish Ganguli	----	Rs. 7000 per annum per user	Rs. 5000 per month per user	Rs. 10000 per month per user
Small Angle X-ray Scattering	Dr. Ashish Ganguli Dr. Karthikeyan Subramanian Dr. Deepak Sharma	----	Rs. 250/hour	Rs. 500/hour	Rs. 5000/hour
Fermentation and downstream processing	Dr. D.K. Sahoo Mr. Anirban Roy Choudhury Mr. E. Senthil Prasad Dr. Mani Shankar Bhattachayaya	----	#	Case to case basis	Case to case basis

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- The rate of carrying out fermentation batches in Lab Scale Fermenters (Autoclavable) would be Rs. 5000/- per day for maximum 2 days.
- Only fermentation facility (including utilities like air, chilled water, steam etc.) would be provided during the batch.
- Media components, oxygen etc. would be on user side. This rate is only for in-house projects/IMT Scientists.
- Rates of in-situ sterilizable fermenters ($\geq 15L$) would be decided on case to case basis.
- Continuous monitoring of fermenter will be done by user.
- All prior conditions to be provided by the user.

* GST exempted for IMTECH/CSIR Labs.

**** NOTE:**

These charges are the minimum charges on per sample or per hour basis and only integral multiple of hour/samples are permitted.

Please add GST (Goods and Services Tax) in the above rate list for outside users (other than IMTECH/ CSIR Labs). Users have to pay GST as applicable with Instrument usage charges.

Service charges are payable in advance by crossed bank draft in favour of “**Director, Institute of Microbial Technology, Chandigarh**”, Payable at Chandigarh.

These charges are only the usage charges on the instrument and should not include analysis part. Data analysis/interpretation will be normally done by user. In special cases data analysis/interpretation service can be provided on payment of extra charges on case to case basis.

For taking samples back, please inform to particular lab or mention in your form. Kindly collect your samples at the time of collecting your report. Samples which are not collected within a week from the date of report collected/sample analysis will be disposed of immediately without any further notice.

Instrument operating conditions will be provided by user, otherwise standard operating procedure will be followed for data acquisition.

Radioactive and explosive materials should be clearly mentioned and handed over personally.

Analytical data/ spectra will be provided either in printed or in digital format as applicable. CD/Printable charges may be extra. Data will be archive for 30 days from date of acquisition and will not be available to user after that period.

The analytical data/spectra are provided only for research/ development purposes. These cannot be used as certificates in legal disputes.

In all correspondence related to analysis our reference number must be mentioned.

You can also request for an appointment on an instrument and fix the same in consultation with the respective facility or their incharge for your sample analysis.

Samples are to be submitted or brought along on the date of your appointment for your sample analysis.

The facility timings are from 9.00 am to 5.30 pm. The Facility is closed on Saturday, Sunday and Government Holidays.

All the communication should be addressed to:

Head ISD

CSIR-IMTECH

Chandigarh-160036

E-mail: isd@imtech.res.in