

INSTITUTE INSTRUMENTATION CENTRE
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE-247667

LAB FEE/TESTING CHARGES FOR VARIOUS ANALYTICAL INSTRUMENTS (May 2024)

Note: For outside users in addition to the charges, GST @ 18.0% will be charged extra.

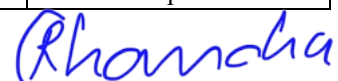
Kindly mention email id and mobile number in the application form.

S. No.	Name of Equipment	IIT Roorkee Users (In ₹)	Outside Users [in addition to the charges, GST @ 18.0% will be charged extra]		
			Educational Institutes (In ₹)	Govt. R&DLabs (In ₹)	Industry (In ₹)
1)	FE-SEM	225/- per slot (1.5 hrs) (Max. 4 samples)	3,000/- per slot (1.5 hrs) (Max. 4 samples)	4,500/- per slot (1.5 hrs) (Max. 4 samples)	6,000/- per slot (1.5 hrs) (Max. 4 samples)
2)	Gold/Carbon coating	75/- per run (Max. 6 samples)	--	--	--
3)	FE-SEM sample preparation using Critical Point Dryer (CPD)	100/- per run	1,000/- per run	1,000/- per run	2,000/- per run
4)	EBSM Scan in FE-SEM (Apero)	500/- per scan (Max. 8 hrs)	3,000/- per scan (Max. 8 hrs)	6,000/- per scan (Max. 8 hrs)	20,000/- per scan (Max. 8 hrs)
5)	TEM	200/- per hour	2,500/- per hour	2,500/- per hour	4,000/- per hour
6)	SPM	50/- per hour	500/- per hour	1,000/- per hour	2,000/- per hour
7)	EPMA	500/- per hour	3,000/- per hour	4,000/- per hour	8,000/- per hour
8)	WD-XRF	150/- per sample	1,500/- per sample	2,500/- per sample	4,000/- per sample
9)	WD-XRF sample preparation using fusion bead	50/- per sample	--	--	--
10)	Mol. Crystal Unit (MCU)	25/- per sample	2,000/- per sample	2,500/- per sample	4,000/- per sample
11)	MCU (ITC)	100/- per day	--	--	--
12)	Powder XRD	50/- per sample for normal scan 150/- per hour for slow scan	800/- per sample	1,000/- per sample	2,000/- per sample
13)	Thin Film XRD	50/- per sample for normal scan 150/- per hour for slow scan	1,000/- per sample	1,500/- per sample	4,000/- per sample
14)	Thin Film XRD (Pole Figure)	200/- per slot and duration of one slot will be 4 hours	--	--	--
15)	DTA/TGA	100/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample
16)	FLS	50/- per sample	200/- per sample	500/- per sample	1000/- per sample
17)	MPAES	100/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample

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18)	LC-ICPMS		250/- per sample	1,500/- per sample	2,000/- per sample	4,000/- per sample
19)	Microwave Sample Digestion		300/- per sample	2,000/- per sample	2,500/- per sample	3,000/- per sample
20)	ICPMS-MS	Up to 5 elements	100/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample
		Above 5 elements	10/- for every additional element per sample	50/- for every additional element	50/- for every additional element	100/- for every additional element
21)	XPS (Survey and elemental scan)	Up to 5 elements / sample	250/-	2,000/-	2,000/-	4,000/-
		Above 5 elements / sample	50/- for every additional element	300/- for every additional element	300/- for every additional element	500/- for every additional element
	XPS (Depth profiling)	Up to 5 elements / sample	400/-	3,000/-	3,000/-	6,000/-
		Above 5 elements / sample	50/- for every additional element	300/- for every additional element	300/- for every additional element	500/- for every additional element
	XPS (UPS)	--	250/-	2,000/-	2,000/-	3,000/-
22)	PPMS	0.5 day (12 hours)	250/-	4,000/-	4,000/-	6,000/-
		1 day (24 hours)	375/-	6,000/-	6,000/-	10,000/-
		2 days (48 hours)	625/-	10,000/-	10,000/-	15,000/-
23)	SQUID	0.5 day (12 hours)	250/-	4,000/-	4,000/-	6,000/-
		1 day (24 hours)	375/-	6,000/-	6,000/-	10,000/-
		2 days (48 hours)	625/-	10,000/-	10,000/-	15,000/-
24)	VSM	4 hours	80/-	1,500/-	1,500/-	3,000/-
		8 hours	160/-	3,000/-	3,000/-	6,000/-
		16 hours	320/-	6,000/-	6,000/-	12,000/-
25)	EPR	RT	50/- per sample	500/- per sample	1,000/- per sample	1,500/- per sample
		LT	100/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample
		VT	150/- per sample	1,500/- per sample	2,000/- per sample	4,500/- per sample
26)	UV-Vis-NIR spectrophotometer		150/- per hour	1,000/- per hour	1,500/- per hour	3,000/- per hour
27)	MALDI-TOF/TOF		100/- per sample	2,000/- per sample	3,000/- per sample	5,000/- per sample
28)	Circular Dichroism (CD) Spectroscopy		50/- per sample	500/- per sample	1,000/- per sample	1,500/- per sample
28)	LN ₂ Plant		--	--	50/- per litre	100/- per litre

Note: For outside users in addition to above charges, GST @ 18.0% will be charged.


(Ramesh Chandra) 21/5/2024
Head, IIC

Name of equipment and contact person details:

S. No.	Name of Equipment	Contact Person	Tel. 01332-28XXXX	Email
1)	TEM	Mr. Amit K. Sharma Dr. Shriniwas Yadav	4922 4560	amit.mic2019@iitr.ac.in shriniwas.mic@iitr.ac.in
2)	FE-SEM, Gold/carbon coating, CPD	Dr. Shriniwas Yadav Mr. Amit K. Sharma	4560 4922	shriniwas.mic@iitr.ac.in amit.mic2019@iitr.ac.in
3)	UV-Vis NIR spectrophotometer	Dr. Shriniwas Yadav	4560	shriniwas.mic@iitr.ac.in
4)	PPMS, SQUID, VSM	Prof. Vivek K. Malik Dr. Vipin Chawla	4812 4580	vivek.malik@ph.iitr.ac.in vipin.mic@iitr.ac.in
5)	XPS, SPM	Dr. Vipin Chawla	4580	vipin.mic@iitr.ac.in
6)	Mol. Crystal Unit (MCU), ITC	Prof. Pravindra Kumar Mr. Ravindra Saini	5072 6272	pravindra.kumar@bt.iitr.ac.in ravis.mic2014@iitr.ac.in
7)	EPMA, XRF, Powder XRD	Mr. Ravindra Saini Mr. Devendra Sharma	6272 6302	ravis.mic2014@iitr.ac.in deva7830@gmail.com
8)	Thin Film XRD, XRD (Pole Figure)	Mr. Ravindra Saini Mohd. Danish	6272 6302	ravis.mic2014@iitr.ac.in danish.iic2019@iitr.ac.in
9)	DTA/TGA	Mr. Kamal S. Gotyan Mr. Avinash Chaudhry	5384 6293	kamalsic@iitr.ac.in avinash.mic@iitr.ac.in
10)	NMR, EPR, CD, TIMS, FLS, MALDI-TOF/TOF	Dr. Jay S. Meena	5779	jsmeena.mic2018@iitr.ac.in
11)	MPAES, ICPMS-MS, LC-ICPMS, Microwave Digester, Liq. N ₂	Mr. Kamal S. Gotyan	5384	kamalsic@iitr.ac.in, kamalbul@gmail.com



Equipment's Mode of Payment:

The payment should be made in advance as under:

- (a) **For Internal Users:** Testing charges will be deducted from the wallet of their respective supervisor during booking. The wallet may be charged by the faculty by sending an e-mail to Dean, SRIC/ AR (SRIC) with a copy to IIC at iicbooking@iitr.ac.in (IIC testing grant No.IIC-000-002).
- (a) **For External Users:** The Mode of Payment is strictly by online transfer through NEFT/RTGS/UPI. The details of account for the same is as under:


Name of A/c holder : Dean SRIC, IIT Roorkee
Name of Bank : Punjab National Bank, IIT Roorkee branch
Account No. : 4044000100031597
IFSC Code : PUNB0404400
MICR Code : 247024103

GST No. of IIT Roorkee: 05AAA LI003 3R1Z5

NOTE: The Equipment Requisition Form for samples analysis duly forwarded by the concerned Supervisor/HoD, with details of NEFT/RTGS/UPI transfer and GST number of the concerned Institute, may kindly be send along with the samples at the following address. Kindly also mention e-mail and mobile number of the user in the application.

The Equipment Requisition Form can be downloaded from the website of the Institute (https://www.iitr.ac.in/centers/IIC/pages/Download_Forms.html)

The Head,
Institute Instrumentation Centre,
Indian Institute of Technology Roorkee
Roorkee - 247667 (Uttarakhand) India


21/5/2024

On the top of the envelope, also mention "Samples for _____ characterization".