

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

LAB FEE/TESTING CHARGES FOR VARIOUS ANALYTICAL INSTRUMENTS (10th Dec., 2021)

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&D Labs (In ₹)	Industry (In ₹)
1)	FE-SEM (Apero, Zeiss)	50/- per hour with additional charge for coating @ 25/- per run	2,000/- per hour	3,000/- per hour	4,000/- per hour
2)	EBSD Scan (8 hrs) in FE-SEM (Apero)	300/-	3,000/-	10,000/-	20,000/-
3)	FE-SEM (FEI) (Only imaging Max. Magnification 20000 x)	50/- per hour with additional charge for coating @ 25/- per run	--	--	--
4)	TEM	50/- per hour	2,000/- per hour	3,000/- per hour	4,000/- per hour
5)	SPM	50/- per hour	500/- per hour	1,000/- per hour	2,000/- per hour
6)	EPMA (Cameca)	500/- per hour	3,000/- per hour	4,000/- per hour	8,000/- per hour
7)	WD-XRF	20/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample
8)	Mol. Crystal Unit (MCU)	25/- per sample	2,000/- per sample	2,500/- per sample	4,000/- per sample
9)	MCU (ITC)	100/- per day	--	--	--
10)	Powder XRD	25/- per sample for normal scan 100/- per hour for slow scan	800/- per sample	1,000/- per sample	2,000/- per sample
11)	SAXRD	25/- per sample for normal scan 100/- per hour for slow scan	1,000/- per sample	1,500/- per sample	4,000/- per sample
12)	Single Crystal XRD	25/- per sample	1,500/- at Room Temperature 2,000/- at LN2	2,500/-	4,000/-
13)	DTA/TGA	50/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample
14)	FLS	20/- per sample	500/- per sample	800/- per sample	1,500/- per sample
15)	MPAES	50/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample

16)	ICPMS-MS	Up to 5 elements	50/- per sample	1,000/- per sample	1,500/- per sample	3,000/- per sample
		Above 5 elements	5/- for every additional element per sample	50/- for every additional element	50/- for every additional element	100/- for every additional element
17)	XPS	Up to 5 elements / sample	200/-	1,500/-	2,000/-	3,000/-
		Above 5 elements / sample	50/- for every additional element	300/- for every additional element	300/- for every additional element	500/- for every additional element
18)	PPMS	0.5 day (12 hours)	200/-	4,000/-	4,000/-	6,000/-
		1 day (24 hours)	300/-	6,000/-	6,000/-	10,000/-
		2 days (48 hours)	500/-	10,000/-	10,000/-	15,000/-
19)	SQUID	0.5 day (12 hours)	200/-	4,000/-	4,000/-	6,000/-
		1 day (24 hours)	300/-	6,000/-	6,000/-	10,000/-
		2 days (48 hours)	500/-	10,000/-	10,000/-	15,000/-
20)	VSM-Lake Shore	4 hours	50/-	1,500/-	1,500/-	3,000/-
		8 hours	100/-	3,000/-	3,000/-	6,000/-
		16 hours	200/-	6,000/-	6,000/-	12,000/-
21)*	VSM-Princeton	Room Temperature	30/- per sample	500/- per sample	1000/- per sample	2000/- per sample
22)	NMR		10/- per hour, 200/- per day and 1000/- per week	500/- per hour per sample (with D2O, CDC13, DMSO)	500/- per hour per sample (with D2O, CDC13, DMSO)	3,000/- per hour (including Solvent & tube)
23)	EPR	--	60/- per hour	500/- per hour	1,500/- per hour	2,500/- per hour
24)	CD/ Fluorescence / UV Spectrophotometer	--	30/- per 3 hrs, 50/- per Day and 200/- per week	500/- per day	1,000/- per day	1,500/- per day
25)	LN2 Plant	--	--	--	50/- per liter	100/- per liter

*Any other solvent (Acetone, Methanol, Acetonitrile etc. Rs. 800/Hour/Sample)

* Rs. 250/Hr without solvent and NMR Tube

* Additional Rs. 500/- for samples prepared in New NMR tube

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

Ramesh Chandra

**(Ramesh Chandra)
Head, IIC**

Name of equipment and contact person details:

S. No.	Name of Equipment	Contact Person	Tel. 01332-28XXXX	Email
1)	FE-SEM, TEM	Mr. Amit K. Sharma	4922	amit.mic2019@iitr.ac.in
2)	XPS, SPM, PPMS, SQUID, VSM	Dr. Vipin Chawla	4580	vipin.mic@iitr.ac.in
3)	EPMA, XRF, Mol. Crystal Unit (MCU), ITC	Mr. Ravindra Saini Mr. Devendra Sharma	6272 6302	ravis.mic2014@iitr.ac.in deva7830@gmail.com
4)	Powder XRD	Mr. Devendra Sharma Mr. Shiv Kumar Mr. Ravindra Saini	6302 6302 6272	deva7830@gmail.com shiv94.iic2019@iitr.ac.in ravis.mic2014@iitr.ac.in
5)	SAXRD	Mr. Ravindra Saini Mohd. Danish	6272 6302	ravis.mic2014@iitr.ac.in danish.iic2019@iitr.ac.in
6)	Single Crystal XRD	Mr. Ravindra Saini Mr. Shiv Kumar	6272 6302	ravis.mic2014@iitr.ac.in shiv94.iic2019@iitr.ac.in
7)	DTA/TGA	Mr. Kamal S. Gotyan Mr. Anil K. Saini	5384 6293	kamalsic@iitr.ac.in aksaini.mic2019@iitr.ac.in , aksaini101@gmail.com
8)	NMR, EPR, CD, Fluorescence, UV spectrophotometer, TIMS, FLS	Dr. Jay S. Meena	6170	jsmeena.mic2018@iitr.ac.in
9)	MPAES, ICPMS-MS, 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

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

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