

INSTITUTE INSTRUMENTATION CENTRE
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE-247667
LAB FEE/TESTING CHARGES FOR VARIOUS ANALYTICAL INSTRUMENTS (Sept 2024)

Note: For external 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	External 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	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	--	--	--	
3)	FE-SEM sample preparation using Critical Point Dryer (CPD)	1,000/- per run	1,000/- per run	2,000/- per run	
4)	EBSD Scan in FE-SEM (Apero)	3,000/- per scan (Max. 8 hrs)	6,000/- per scan (Max. 8 hrs)	20,000/- per scan (Max. 8 hrs)	
5)	TEM	3,750/- per slot (1.5 hrs)	3,750/- per slot (1.5 hrs)	6,000/- per slot (1.5 hrs)	
6)	SPM	500/- per slot (1 hr)	1,000/- per slot (1 hr)	2,000/- per slot (1 hr)	
7)	EPMA	3,000/- per slot (1 hr)	4,000/- per slot (1 hr)	8,000/- per slot (1 hr)	
8)	WD-XRF	1,500/- per sample	2,500/- per sample	4,000/- per sample	
9)	WD-XRF sample preparation using fusion bead	--	--	--	
10)	Mol. Crystal Unit (MCU)	2,000/- per sample	2,500/- per sample	4,000/- per sample	
11)	MCU (ITC)	--	--	--	
12)	Powder XRD	800/- per sample	1,000/- per sample	2,000/- per sample	
13)	Thin Film XRD	1,000/- per sample	1,500/- per sample	4,000/- per sample	
14)	Thin Film XRD (Pole Figure)	--	--	--	
15)	DTA/TGA	1,000/- per sample	1,500/- per sample	3,000/- per sample	
16)	FLS	200/- per sample	500/- per sample	1000/- per sample	
17)	MPAES	1,000/- per sample	1,500/- per sample	3,000/- per sample	
18)	LC-ICPMS	1,500/- per sample	2,000/- per sample	4,000/- per sample	
19)	Microwave Sample Digestion	2,000/- per sample	2,500/- per sample	3,000/- per sample	
20)	ICPMS-MS	Up to 5 elements	1,000/- per sample	1,500/- per sample	3,000/- per sample
		Above 5 elements	50/- for every additional element	50/- for every additional element	100/- for every additional element

Rhandu
02/9/2024

21)	XPS (Survey and elemental scan)	Up to 5 elements / sample	2,000/-	2,000/-	4,000/-
		Above 5 elements / sample	300/- for every additional element	300/- for every additional element	500/- for every additional element
	XPS (Depth profiling)	Up to 5 elements / sample	3,000/-	3,000/-	6,000/-
		Above 5 elements / sample	300/- for every additional element	300/- for every additional element	500/- for every additional element
	XPS (UPS)	--	2,000/-	2,000/-	3,000/-
22)	PPMS	0.5 day (12 hours)	4,000/-	4,000/-	6,000/-
		1 day (24 hours)	6,000/-	6,000/-	10,000/-
		2 days (48 hours)	10,000/-	10,000/-	15,000/-
23)	SQUID	0.5 day (12 hours)	4,000/-	4,000/-	6,000/-
		1 day (24 hours)	6,000/-	6,000/-	10,000/-
		2 days (48 hours)	10,000/-	10,000/-	15,000/-
24)	VSM	4 hours	1,500/-	1,500/-	3,000/-
		8 hours	3,000/-	3,000/-	6,000/-
		16 hours	6,000/-	6,000/-	12,000/-
25)	EPR	RT	500/- per sample	1,000/- per sample	1,500/- per sample
		LT	1,000/- per sample	1,500/- per sample	3,000/- per sample
		VT	1,500/- per sample	2,000/- per sample	4,500/- per sample
26)	UV-Vis-NIR spectrophotometer	1,000/- per slot (1 hr)	1,500/- per slot (1 hr)	3,000/- per slot (1 hr)	
27)	MALDI-TOF/TOF	2,000/- per sample	3,000/- per sample	5,000/- per sample	
28)	Circular Dichroism (CD) Spectroscopy	500/- per sample	1,000/- per sample	1,500/- per sample	
28)	LN ₂ Plant	--	50/- per litre	100/- per litre	

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

Rhanda
02/9/2024
(Ramesh Chandra)
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

R Kamal
02/9/2024