

**DEPARTMENT OF PHYSICS
NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA**

The details of materials characterization facility available in the department of Physics for external users; students, staff, educational institutes, scientists and industries on the following instruments with the rates mentioned below:

**CONSULTANCY/TESTING CHARGES FOR VARIOUS EQUIPMENTS
(w.e.f. 1 February, 2020)**

S. No.	Name of the Equipment	*Charges per Sample for		Time required for analysis of one sample	Status of the equipment
		Educational Institutes(Rs.)	Industries (Rs.)		
1.	Scanning Electron Microscope (SEM)	500/-	1000/-	1-2 hours	Working
	Energy Dispersive Spectroscopy (EDS)	300/-	900/-		
	SEM + EDS	700/-	1500/-		
2.	X-Ray Diffraction (XRD)	300/-	500/-	1-2 hours	Working
3.	X-Ray Fluorescence Spectroscopy (XRF)	300/-	500/-	1-2 hours	Under Maintenance
4.	Fourier-transform infrared spectroscopy (FTIR)	200/-	500/-	0.5-1 hours	Working
5.	Photoluminescence (PL)	300/-	500/-	0.5-1 hours	Working
6.	Ultra-Violet-Visible Spectrometer (UV-Vis) (For Liquid Samples Only)	200/-	500/-	0.5-1 hours	Working
7.	Gamma Spectrometer (NaI)	200/-	400/-	4-6 hours	Working
8.	Electro-chemical characterization using Potentiostat	300/- per hour	500/- per hour	-	Working

*GST Extra @ 18%

*The Charges are Non-Refundable in any case.

The external users for availing the concerned facilities should submit the respective fees for samples online in the following account and need to send/submit the proof with samples:

INSTITUTION NAME	ACCOUNT	DIRECTOR, NIT KURUKSHETRA
ACCOUNT NO.		37680773721
IFSC CODE		SBIN0006260
BANK NAME (in full)		STATE BANK OF INDIA
BRANCH NAME		REC KURUKSHETRA

For any type of queries the users may contact:

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NIT Kurukshetra.
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Contact: 01744-233501

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Contact: 01744-233494

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Materials Characterization Request Form

Form No.

The following are the details of the study I wish to carry out at Sophisticated Lab, Department of Physics, NIT Kurukshetra:

S. No.	Equipment to be used	No. of Hours/Samples/Runs	Sample Details (Hazardous/Solid/Powder/Magnetic/Volatile)	Experimental Parameters & Data Requested
1.	Scanning Electron Microscope (SEM)			
	Energy Dispersive Spectroscopy (EDS)			
	SEM + EDS			
2.	X-Ray Diffraction (XRD)			
3.	X-Ray Fluorescence Spectroscopy (XRF)			
4.	Fourier-transform infrared spectroscopy (FTIR)			
5.	Photoluminescence (PL)			
6.	Ultra-Violet-Visible Spectrometer (UV-Vis) (For Liquid Samples Only)			
7.	Gamma Spectrometer (NaI)			
8.	Electro-chemical characterization using Potentiostat			
Name and Place:		Email:		Phone No.:
Date Of Booking:			Signature of Supervisor:	
Bill/Receipt will be made against:				
Details of Payment:				

Declaration by the user

1. I Mr./Ms./Dr.....hereby declare that I have paid the application fee for the samples.
2. I am aware of the fact that the payment made is Non-Refundable.

Signature

For Office Use Only

No. Of Samples Scanned		Date of Experiment	
Log Book Page No.			
Net Charge	Rs.		