

## Department of Food Process Engineering Computational Modeling and Nanoscale Processing Unit

### Testing Charges - May 2025

S. No.	Facility	Charges (INR*)
1.	Glycemic index	44000
2.	HPLC	2750
3.	Differential Scanning Calorimetry (DSC)	2000/h (up to 2 samples)
4.	Microplate reader	500
5.	<b>Scanning Electron Microscope (SEM)</b>	
	a. Basic	1800
	b. With EDAX	3000
	c. With critical point dryer	4800
	d. With STEM detector	6600
6.	<b>Powder X-Ray Diffraction</b>	
	a. Basic	1500
	b. Phase Identification and quantification	2000
	c. 3D crystal structure	500
7.	ED-XRF (for subsequent elements in same system Rs. 200)	2500 (up to 5 elements)
8.	<b>Microscopy (per sample)</b>	
	a. Fluorescence Microscope	1500
	b. Polarized Microscope	1500
9.	Liposome extruder	3000/h
10.	Freeze dryer (sample equivalent to 100 ml)	600
11.	Microfluidizer	3000/h

▪ **Additional 18% GST on all charges. Testing charges may be paid via DD in favour of "The Director, NIFTEM-Thanjavur" payable at Thanjavur, or via online payment#.**

▪ **For details and discounts in testing charges for academic institutions and R&D labs, please write to [cmnsp@iifpt.edu.in](mailto:cmnsp@iifpt.edu.in)**

**For further details, please contact:**

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