



सत्यमेव जयते

National Institute of Food Technology, Entrepreneurship and Management -Thanjavur

(an Institute of National Importance; formerly Indian Institute of Food Processing Technology)

Ministry of Food Processing Industries, Government of India

Pudukkottai Road, Thanjavur, Tamil Nadu



Computational Modeling and Nanoscale Processing Unit March - 2023

| Sl.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. | Scanning Electron Microscope (SEM) | |
| | a. Basic | 1800 |
| | b. With EDAX | 3000 |
| | c. With critical point dryer | 4800 |
| | d. With STEM detector | 6600 |
| 6. | Powder X-Ray Diffraction | |
| | 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. | Microscopy (per sample) | |
| | 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#.

Note: Students can submit their academic proofs to avail discount in testing charges

For details, please write to cmnsp@iifpt.edu.in

For further details, please contact:

The Director

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