DEPARTMENT OF CHEMISTRY
INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Charges for Isothermal Titration Calorimeter analysis

The charges for ITC Analysis are as follows:

SL. No	Category	Charges per sample
1.	Students from other departments of IIT Madras	Rs.200/-
2.	Students from other educational and research institutions	Rs.500/-
3.	Users from industry	Rs.1500/-

Note: The charges for the analysis can be paid either by using the following UPI Id
theregistrar16162@cnrb

OR

2: Online bank transfer to the below mentioned account and the screen shot of the payment should be sent along with the sample.

3. Please call and confirm the working status of the Instrument before sending the sample in the contact number given below.

Bank Account details

Account number	2722101016162
IFSC code	CNRB0002722
Bank name	Canara bank
Branch name	IIT Madras Branch

Contact

In-Charge ITC
Department of Chemistry, IIT Madras Chennai
600 036.
Ph.: 044-2257 5204
Email: cyoffice@iitm.ac.in

Job No:_____ **External users only**

DEPARTMENT OF CHEMISTRY, I.I.T Madras

ITC Request Form

Name of the Student:_____ **Date:** _____

Name of the Guide :_____ **Tel no:** _____

University /College: _____ **email:** _____

SL.No.	Sample code	Solvents Used (mention if any)	Conc of Sample [both ligand and protein]

The samples submitted herewith for ITC are for the research work of the above-mentioned student/researcher only. Acknowledgments for the data gathered on this machine will be made in the resulting publications and thesis

Signature of the Guide

Payment Details: **Analyzed on:**

Job No:_____ **Internal users only**

DEPARTMENT OF CHEMISTRY, I.I.T Madras

ITC Request Form

Name of the student:_____ **Date**:_____

Roll No.:_____

Name of the Guide: _____ **Tel. No** _____

Email id:_____

SL.No.	Sample code	Solvents Used (mention if any)	Conc of Sample [both ligand and protein]

The samples submitted herewith for ITC are for the research work of the above-mentioned student/researcher only. Acknowledgments for the data gathered on this machine will be made in the resulting publications and thesis

Signature of the Guide

_____

Payment Details: **Analyzed on:**

Instructions to users for ITC analysis

1. This technique is specifically used for studying the molecular interactions in solution phase.

2. Generally, the syringe concentration should be taken 10x higher than the concentration in the sample cell.

3. Protein should be purified before submitting.

4. Appropriate Buffer should be selected (should not undergo protein aggregation) and avoid solvent mismatch.

5. Need at least 25 ml of buffer solution for control experiment.

6. Please contact our ITC lab at 091-044-2257 5211 for any clarifications

7. Kindly adhere to these instructions to enable the analyst to end up with accurate results for your samples.