



DEPARTMENT OF CHEMISTRY  
INDIAN INSTITUTE OF TECHNOLOGY MADRAS



### Sample Submission

- The user should first submit the sample for TGA to find the thermal stability upto 350 C and then submit for DSC analysis.
- The users should fill up the form (given below) and submit it with the sample
- Each sample has to be listed separately.
- External samples will be analyzed in que at a fixed rate.

### Payments

- External users, please call and confirm the status of the instrument and then
- Draw a DD in favour of "**The Registrar, IIT Madras**" for the appropriate amount or you can swipe the card for the appropriate amount using swipe machine available in the department office with the sample.

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The **DSC instrument** is currently located in **ACB-107** and you are welcome to visit the room after prior appointment

### Fees

#### Students from other departments of IIT Madras

- |    |  |                     |
|----|--|---------------------|
| 1. | Data collection -10deg/min ramp(only heating)              | Rs. 900 per sample  |
| 2. | Data collection -10deg/min (heating and cooling one cycle) | Rs. 1200 per sample |

#### Academic and Govt. Institutions

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|----|--|---------------------|
| 1. | Data collection -10deg/min ramp(only heating)              | Rs. 1500 per sample |
| 2. | Data collection -10deg/min (heating and cooling one cycle) | Rs. 2000 per sample |

#### Industries and non Govt. Institutions

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|----|--|---------------------|
| 1. | Data collection -10deg/min ramp(only heating)              | Rs. 3000 per sample |
| 2. | Data collection -10deg/min (heating and cooling one cycle) | Rs. 4000 per sample |

### Contact

**In-Charge / Mr. A. Narayanan**  
**DSC Facility**

Department of Chemistry, IIT Madras  
Chennai 600 036.

Ph: 044-2257 5204, Fax : 044- 2257 4202

Email: [cyoffice@iitm.ac.in](mailto:cyoffice@iitm.ac.in)

Job No: \_\_\_\_\_

External users only

**DEPARTMENT OF CHEMISTRY, I.I.T Madras**  
**Differential Scanning Calorimeter Request Form**

Name of the Student : \_\_\_\_\_

Date: \_\_\_\_\_

Name of the Guide : \_\_\_\_\_

Tel no: \_\_\_\_\_

University /College : \_\_\_\_\_

email: \_\_\_\_\_

**SERVICE REQUESTED**

- 1. Temperature Scan
- 2. Isothermal Study

**Experimental Requirement**

Sample Name :

Sample Nature (Hygroscopic / explosive etc.,) :

Temperature Range :

Temperature Ramp (5/10/15/20°C/min) :

Isothermal conditions (Temp/Time) :

I hereby agree to acknowledge the data and results obtained from this machine in publications and thesis.

**Signature of the Guide**

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**Coordinator's Signature**

Date: \_\_\_\_\_ Time: \_\_\_\_\_

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Payment Details: DD No:

Bank:

Analysed on: