



## Sample Submission

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

## Fees

### Academic and Govt. Institutions

1. **Data collection** Rs.2500 per sample

### Industries and non Govt. Institutions

2. **Data collection** Rs.5000 per sample

## Contact

**In-Charge / Mr. A. Narayanan**  
**TPD-TPR 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**  
**TPD/TPR/TPO/Pulse Chemisorption Request Form**

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

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

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

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

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

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

**SERVICE REQUESTED**

- |                  |                          |   |                          |
|------------------|--------------------------|---|--------------------------|
| 1. TPD (Ammonia) | <input type="checkbox"/> | 3. TPR (Hydrogen)   | <input type="checkbox"/> |
| 2. TPO (Oxygen)  | <input type="checkbox"/> | 4. Pulse chemisorption (O <sub>2</sub> / H <sub>2</sub> ) | <input type="checkbox"/> |

**Experimental Requirement**

**Sample Name :**

**Sample Nature:**

**Sample Weight to be taken :**

**Pretreatment conditions  
(Temp/duration/gas/gas flow rate) :**

**Reactive gas adsorption  
(Temp/duration/gas/gas flow rate) :**

**Experiment conditions  
(Temp range/ramp/hold time) :**

**Any other requirement :**

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

**Signature of the Guide**

\_\_\_\_\_

**Coordinator's Signature**

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

**Payment Details: DD No:**

**Bank:**

**Analysed on:**