



**UNIVERSITY SCIENCE INSTRUMENTATION CENTRE
BHARATHIDASAN UNIVERSITY**

TIRUCHIRAPALLI- 620 024

**SIMULTANEOUS THERMO GRAVIMETRIC ANALYSIS/ DIFFERENTIAL
THERMAL ANALYSIS (TG/DTA-DSC) -REQUISITION FORM**

Date

Name			
Designation			
Address for communication			
Mobile Number			
E-Mail			
Nature of applicant	<input type="checkbox"/> Internal (BDU) <input type="checkbox"/> BDU- Affiliated <input type="checkbox"/> External Academic <input type="checkbox"/> Industry		
Number of samples			
Nature of samples	<input type="checkbox"/> Toxic <input type="checkbox"/> Non-Toxic		
Measurement Temperature Range	From: _____ °C To: _____ °C		
Melting point of the sample(s)			
Payment Details			
Draft/URN No.	Name of the Bank	Date	Amount ₹ (Incl.-18% GST)
Declaration: <ul style="list-style-type: none">I hereby agreed to terms and conditions of the institution for analyzing my samples and the results obtained here will be properly acknowledged for this instrument & facility without fail.			
Signature of the applicant			

Forwarded By,

Signature of Research Supervisor
(with seal)

Office use only

Serial No. : _____ Date of receipt of Sample : _____

No. of Samples : _____ Date of analysis (Tentative) : _____

Date of completion : _____

Technical Asst. Initial

Type of User : ☐ Internal- BDU ☐ BDU- Affiliated ☐ External Academic
☐ Industry

Payment verification :

Assistant Initial

Remarks:

Recommended,

**Signature of the Coordinator - USIC
(Dr. B. KADALMANI)**

Instruction for users

SIMULTANEOUS THERMO GRAVIMETRIC ANALYSIS/ DIFFERENTIAL THERMAL ANALYSIS

- ☛ Duly filled Requisition form signed by their Research Supervisor and forwarded through Head of the Department/ Head of the Institution. The form should be submitted to the USIC Coordinator along with the samples.
- ☛ **Sample requirements:** Minimum 10 mg of powders.
- ☛ The sample should be in dry powder form.
- ☛ Explosive, poisonous samples and samples giving rise to toxic / obnoxious gases / fumes on heating **cannot be undertaken for Thermal Analysis.**
- ☛ Samples which could affect the instrument and sample pans will not be accepted for analysis. Additional charges will be levied in case of any damage/ contamination of crucible due to nature of the samples.
- ☛ Submit a fresh CD/DVD along with the application form for data collection.
- ☛ **No pen drive shall be entertained.**



Users are requested to acknowledge [USIC-BDU & DST-PURSE Bharathidasan University](#) for the publication of the work. Acknowledged papers should be sent to this office by e-mail (usic@bdu.ac.in).

Note:

1. Submit a fresh CD/DVD along with the application form for data collection.
2. Payment details should be furnished.