

THE STANDARD FIRE WORKS RAJARATNAM COLLEGE FOR WOMEN, SIVAKASI.
(An Autonomous Institution affiliated to Madurai Kamaraj University, Re-Accredited with 'A+' Grade (4th Cycle) by
NAAC, College With Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

SCIENCE INSTRUMENTATION CENTRE

Requisition form for DSC data

1. Name of the applicant :
2. Designation :
3. Department :
4. Address for communication :
5. Email id :
6. Contact number :
7. Purpose : PGproject/M.Philproject/Ph.D Work
8. No. of Samples :
9. Sample handed over on :
10. Details of Samples :
 - Sample Codes :
 - Heating atmosphere : Air/ Nitrogen
 - Specify the temperature Range :
 - Heating Rate :
 - Nature of Samples : Inorganic/Organic/Polymer/Geological/
Others(specify)
 - The gas evolved during heating if any :
 - What is the expectation from the Analysis:

Dehydration	Dissociation	Decomposition	Phase transfer
Purity	Glass transition	Heat capacity	Any other

Certificate:

- * It is certified that the analysis of the above samples will not spoil the DSC system.
- * Certified that the above request is for academic purpose only.
- * I agree to acknowledge the usage of the facility in all publications arising out of the usage of the SIC-SFRC. The details of publications will be intimated to the SIC-SFRC.

Sign of the Applicant
With date

Coordinator
Science Instrumentation Centre

Principal

NOTE:

The analysis can not be carried out if the temperature range and the Heating rate are not specified.

Explosive, poisonous samples and samples giving rise to toxic/obnoxious gases/ fumes on heating cannot be undertaken for Thermal Analysis.

For any halide compounds the upper temperature limit specified should be below the decomposition temperature.

Minimum quantity of sample required is about 40mg, for DSC

In order to safeguard the DSC cell from damage it is absolutely essential that you must state the decomposition products associated with heating cycle of your sample.

Therefore, please furnish the following information.

- Sample No.
- Decomposition product.

Service Charges

No	Particulars	Students/ Faculty	Consultancy
1.	----- Samples	Rs.700 x----- samples =Rs.-----	Rs.850x -----samples =Rs.-----
2.	CD(optional)	Rs.20	Rs.20
3.	Courier(optional)	Rs.50	Rs.50
4.	MailingCharges	Rs.20	Rs.20
	TOTAL=		