

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:

Note :

- ✓ The analysis cannot 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 samples 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**Heating Rate for 20 °C**

No	Particulars	Students/ Faculty	Consultancy
1.	----- Samples	Rs.850 x -----samples =Rs.-----	Rs.1000 x -----samples =Rs.-----
2.	CD(optional)	Rs.20	Rs.20
3.	Courier(optional)	Rs.50	Rs.50
4.	MailingCharges	Rs.20	Rs.20
	TOTAL=		

Heating Rate for 10 °C

No	Particulars	Students/ Faculty	Consultancy
1.	----- Samples	Rs.950 x -----samples =Rs.-----	Rs.1100 x -----samples =Rs.-----
2.	CD(optional)	Rs.20	Rs.20
3.	Courier(optional)	Rs.50	Rs.50
4.	MailingCharges	Rs.20	Rs.20
	TOTAL=		