

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

University of Delhi

Delhi -110007

Application for DSC Analysis

Dated :

1. Sample code :
2. Name of the researcher :
3. Name of the Supervisor and Department :
4. Nature of study to be done in DSC :
5. Temperature range and rate of heating :
6. Atmosphere (Nit./Oxy) :
7. Nature of Sample :
 - a. Inorganic/Organic/Polymer :
 - b. Solid/Waxy/Liquid :
 - c. Amorphous/Crystalline/Semi-crystalline :
 - d. Decomposition temperature (onset) :
 - e. Melting point :
 - f. Mention the solvent if present :
 - g. Mention the halogen, if present :
 - i. Air sensitive :
 - j. Explosive :
 - k. Any other relevant information :

Instructions :-

1. Submit the sample to the TG/DTA/DSC Lab. Between 9.30 am to 10.30 am (Monday through Friday). Only two sample per week per group.
2. Minimum 20 mg of sample is required for the analysis of one sample.
3. Hard copy of the result will be provided. Data will be store for a week in the DSC computer and hence try to collect the data within a week by giving a new CD. Data will not be provided through pen drive or e-mail.

Signature of the Supervisor

Signature of the researcher

DSC Coordinator

Completed on

Received the DSC data

Credit points scored by the group (Total no. of samples x 600):