

# SOPHISTICATED ANALYTICAL INSTRUMENT FACILITY

INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI - 600 036.

## Sample submission form for MÖSSBAUER Data Measurements

Date :

1. Name of the user Address : .....
2. Guide / Supervisor : .....
3. Nature of Specimen : Crystal / Powder / Foil
4. Details of the Specimen : .....
- (i) Whether Fe is present : Yes / No
- (ii) Concentration of Iron  
>2.5 mg /mm<sup>2</sup> if crystal / foil : Yes / No
- (iii) Approximate velocity (mm/sec)  
Range of the resonance  
absorption occurs (if known)
5. Temperature at which data  
measurement to be made : RT
6. Data alone required : Yes / No
7. Whether curve fitting is required : If so indicate the Lorentzian position and  
number of quadrupole splitting etc.

Signature of the user

Signature of the Guide

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NB :- Mössbauer measurements in person on a prior appointment basis is also feasible. Charges for the measurements can be made through advance Demand Draft drawn in favour of "The Registrar, IIT Madras" and can be sent along with the samples or at the time of taking the spectra. For all communications contact "The Head SAIF, I.I.T., Chennai - 600 036".

As per the guide lines of the Department of Science and Technology (DST), in all publications of research work, where in the analytical services of the SAIF have been made use of, the DST and the SAIF shall be duly acknowledged. Kindly send us the publication reference (Journal name / volume number / names of the authors / date of issue of the publication etc) to us.