

# University Science Instrumentation Centre (USIC)

University of Delhi, Delhi-110007

Date \_\_\_\_\_

## Requisition form for using the facility of NMR

1. Name of the Scholar \_\_\_\_\_
2. Name of the Supervisor \_\_\_\_\_
3. Sample Detail: Sample Code \_\_\_\_\_ Solvent \_\_\_\_\_ Type \_\_\_\_\_
4. Amount / Concentration (1.2mM  $^{13}\text{C}$ NMR): \_\_\_\_\_
5. Number of Scans: 16
6. Nucleus to be studied:  $^1\text{H}$  /  $^{13}\text{C}$  / Other Nucleus ( $^{15}\text{N}$ - $^{31}\text{P}$ )
7. PPM range (0-12PPM for  $^1\text{H}$  NMR and 0-200PPM for  $^{13}\text{C}$  NMR)
8. Reference Compound (if Any) \_\_\_\_\_
9. Type of experiments (1D/2D)
10. Desired Experiments

1D		2D	
VT>RT	DEPT	COSY	HMBC
VT>RT	NOE	ROESY	HETCOR
Reaction Kinetic Measurements	T. Measurements	HMQC	NOESY
INEPT	Any other	HSQC	C.C-ADEQUATE

11. Approximate time required: (a) Operator Time \_\_\_\_\_ (b) Spectrometer time \_\_\_\_\_
12. Nature of Sample (toxic, unstable, explosive, air and moisture sensitive): \_\_\_\_\_

Signature of Student / \_\_\_\_\_  
Scholar  
Course \_\_\_\_\_  
Contact Number \_\_\_\_\_

Signature \_\_\_\_\_  
of the Supervisor  
Department  
(with Seal) \_\_\_\_\_

Signature \_\_\_\_\_

Director, USIC