

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 _____
(i)
(ii)
(iii)
(iv)
(v)
(vi)
4. Amount / Concentration (1.2mM ^{13}C NMR): _____
5. Number of Scans: Proton : 8, Carbon : 512
6. Nucleus to be studied: ^1H / ^{13}C / Other Nucleus (^{15}N - ^{31}P)
7. PPM range (0-12PPM for ^1H NMR and 0-200PPM for ^{13}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