



**NMR FACILITY**  
**Department of Chemistry**  
**Ravenshaw University, Cuttack-753 003**

**Charges for NMR analysis (Out-side Ravenshaw Users)**

Experiment	Amount
$^1\text{H}$	Rs. 250
$^{13}\text{C}$	Rs. 500
COSY	Rs. 2000
HMQC	Rs. 2000
TOXY	RS. 2000
NOE	RS. 2000

**User Information**

- 400 MHz FT NMR with 5 mm multi-nuclear observe probe head, low and high temperature facility.
- 2-4 mg sample quantity for  $^1\text{H}$  NMR.
- 30-40 mg sample quantity for  $^{13}\text{C}$  NMR and other multinuclear experiments.
- Required amount of sample must be made soluble in 0.5-0.6 ml of deuterated solvent.
- All the payments should be made in demand draft (advance) in favour of **HOD CHEMISTRY NMR FUND**. Account Number **36697159562** (SBI Ravenshaw University).
- The deuterated solvent must be procured by the user and it is the responsibility of the user to prepare solution of the sample for NMR.
- The users are requested to acknowledge DST-FIST in all publications where these measurement results will be used.
- **The users need to submit duly filled in requisition form, Demand Draft of appropriate amount and samples to the office of HOD Chemistry, Ravenshaw University Cuttack.**



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**Requisition Form**

**Date:**

**User Information**

**Name :**

**Designation :**

**Official Address :**

**Phone Number :**

**E-mail:**

**Sample Information**

**Number of Samples:**

**Sample Code:**

**Experiment required:**

**Weight of each sample:**

**Demand Draft Details**

**Amount:**

**DD No. & Date:**

**Signature of Supervisor**  
**with date & Seal**