



**National Institute of Technology, Tiruchirappalli-620015**  
**Department of Chemistry**

**NMR Analysis Requisition Form**

**Date:**

<b>Name</b>					
<b>Designation</b>					
<b>Affiliation</b>					
<b>Contact No.</b>					
<b>email Address</b>					
<b>No. of Samples (max 5 analysis)</b>					
<b>Sample Name</b>					
<b>Sample ID (Office use)</b>					
<b>Solvent</b>					
<b>Experiment</b> (Tick the appropriate Box)	$^1\text{H}$ <input type="checkbox"/> $^{13}\text{C}$ <input type="checkbox"/> DEPT 45 <input type="checkbox"/> DEPT 90 <input type="checkbox"/> DEPT 135 <input type="checkbox"/>	$^1\text{H}$ <input type="checkbox"/> $^{13}\text{C}$ <input type="checkbox"/> DEPT 45 <input type="checkbox"/> DEPT 90 <input type="checkbox"/> DEPT 135 <input type="checkbox"/>	$^1\text{H}$ <input type="checkbox"/> $^{13}\text{C}$ <input type="checkbox"/> DEPT 45 <input type="checkbox"/> DEPT 90 <input type="checkbox"/> DEPT 135 <input type="checkbox"/>	$^1\text{H}$ <input type="checkbox"/> $^{13}\text{C}$ <input type="checkbox"/> DEPT 45 <input type="checkbox"/> DEPT 90 <input type="checkbox"/> DEPT 135 <input type="checkbox"/>	$^1\text{H}$ <input type="checkbox"/> $^{13}\text{C}$ <input type="checkbox"/> DEPT 45 <input type="checkbox"/> DEPT 90 <input type="checkbox"/> DEPT 135 <input type="checkbox"/>
<b>Other Experiments</b>					
<b>Remarks</b> (Solubility, No. of scans, any safety issues)					

**Signature of the Student**

**Signature of the Research Supervisor/HoD/Principal**

**Instructions:**

1. Users are requested to submit the Filled in form, samples and a new CD for Analytical reports to the faculty-in-charge.
2. Users are requested to submit sufficient quantity of samples to take less abundant nuclei such as  $^{13}\text{C}$  NMR etc. (It is much better within the range of **0.12 -0.18 Molar**).
3. Sample with suspended particles could be endangered to the shimming. Check the solubility before submission

**For Office use:**

Sample Received on:

Payment details:

Time allotted for analysis:

Remarks if any:

Signature of Faculty-In-charge

P.T.O

#### Analysis Charge details

S.No.	Type of Analysis Per sample	Academic (INR)	Industries (INR)
1.	Proton NMR analysis	500 + 14.5 % service tax	1000+ 14.5 % service tax
2.	<sup>13</sup> C NMR analysis	700+ 14.5 % service tax	1500+ 14.5 % service tax
3.	Combined <sup>1</sup> H and <sup>13</sup> C NMR	1000+ 14.5 % service tax	2500+ 14.5 % service tax
4.	DEPT 45, 90, 135	2500+ 14.5 % service tax	5000+ 14.5 % service tax
5.	All 2D experiments	3000/experiment+ 14.5 % service tax	6000/ experiment+ 14.5 % service tax

#### Mode of Payment

The Engineering Consultancy Centre challan available in SBI, NITT campus can be used for remitting the analysis charges or demand draft in favor of "The Director, NIT, Trichy"

For any details Please Contact

Dr. S. Velmathi

Faculty-in charge- NMR Spectrometer

Department of Chemistry, NITT

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