


HRMS- SAMPLE REQUEST FORM (External Users)	
 <b>VIT</b> <sup>®</sup> Vellore Institute of Technology <small>(Deemed to be University under section 3 of UGC Act, 1956)</small>	<b>HIGH-RESOLUTION MASS SPECTROMETRY (HRMS)</b> <b>Department of Chemistry, School of Advanced Sciences,</b> <b>Vellore Institute of Technology, Vellore 632 014. Tamil Nadu</b> <b>Email: mschemistry@vit.ac.in; Contact:0416-220-2048</b>
<b>Name of the User</b> (With Guide/Supervisor / Industry Name & Designation) and contact address	
<b>Email and Phone number</b>	
<b>No. of samples</b>	
<b>Sample code(s)*</b> *attach separate sheet for solubility and other details	
<b>Total amount</b>	
<b>Online payment reference number &amp; date</b>	
<b>Required Analysis</b>  ✓ Put relevant tick mark within the circle	<input type="radio"/> HRMS-ESI +ve mode <input type="radio"/> HRMS-ESI -ve mode <input type="radio"/> HRMS-APCI +ve mode <input type="radio"/> HRMS-APCI -ve mode <input type="radio"/> HRMS-UNISPRAY +ve mode <input type="radio"/> HRMS-UNISPRAY -ve mode <input type="radio"/> HRMS-MS +ve mode <input type="radio"/> HRMS-MS -ve mode <input type="radio"/> LC-HRMS +ve mode <input type="radio"/> LC-HRMS ve mode <input type="radio"/> LC-HRMS-MS +ve mode <input type="radio"/> LC-HRMS-MS ve mode
<b>Solvent (Solubility)</b>	<input type="radio"/> ISOPROPANOL <input type="radio"/> METHANOL <input type="radio"/> WATER <input type="radio"/> ACETONITRILE
<b>Molecular formula &amp; Exact Mass for reference</b>	
<b>Nature of samples/ Handling Instruction/ UPLC solvent composition</b> ✓ Put relevant tick mark within the circle	<input type="radio"/> ionizable <input type="radio"/> non-ionizable <input type="radio"/> polar <input type="radio"/> non-polar <input type="radio"/> plant extract <input type="radio"/> chemical reaction product <input type="radio"/> purified <input type="radio"/> mixture <input type="radio"/> toxic <input type="radio"/> non-toxic <input type="radio"/> explosive <input type="radio"/> stable (rt) <input type="radio"/> non-stable (rt) <input type="radio"/> hygroscopic <input type="radio"/> Lachrymatory <input type="radio"/> isocratic solvent for UPLC <input type="radio"/> gradient solvent for UPLC
<b>Special Request (if any)</b> <b>Column</b> <b>Mobile Phase</b> <b>MS/MS- ions of interest</b> <b>Maximum absorbance (<math>\lambda_{max}</math>)</b>	<input type="radio"/> CORTECS C18 Column, 90Å, 1.6 $\mu$ m, 2.1 mm X 150 mm <input type="radio"/> ACQUITY UPLC CSH C18 Column, 130Å, 1.7 $\mu$ m, 2.1 mm X 150 mm <input type="radio"/> ACQUITY UPLC BEH Amide Column, 130Å, 1.7 $\mu$ m, 2.1 mm X 150 mm <input type="radio"/> ACQUITY UPLC BEH C18 Column, 130Å, 1.7 $\mu$ m, 2.1 mm X 150 mm <input type="radio"/> ACQUITY UPLC BEH C18 Column, 130Å, 1.7 $\mu$ m, 2.1 mm X 50 mm <input type="radio"/> ACQUITY UPLC HSS C18 Column, 100Å, 1.8 $\mu$ m, 2.1 mm X 150 mm

All the column in the requisition form should be filled with the necessary details

\*Signature of the user  
Date:

\* Signature of the Research Supervisor / Faculty with seal  
Place:

**Charges details (charges inclusive of service tax):**

ANALYSIS	EDUCATIONAL INSTITUTIONS	GOVERNMENT ORGANISATION AND RESEARCH CENTERS	INDUSTRIAL SAMPLES
HRMS-ESI/APCI/Unispray (+ve/-ve mode)	600	800	1000
HRMS-MS (+ve /-ve mode)	1000	1300	1600
*LC-HRMS ( +ve / -ve mode)	1500	1800	2500
*LC-HRMS-MS(+ve /-ve mode)	2000	2500	4000

**\*All the rates are inclusive of taxes as per rule of Government of India, Charges may vary depending upon complexity of the sample or actual time taken in the experiment/analysis**

❖ **MODE OF PAYMENT:** Mode of payment only through online by using the following link.

<https://labpayments.vit.ac.in/>

❖ No DD/Cheque is accepted.

Note:

- Research Scholar should send their samples through their supervisor or Head of the department. (As mass spectrometer is a very sensitive and expensive equipment, to avoid contamination we request the users to purify the samples thoroughly before submission, send a copy of GC or LC or HPLC or NMR reports).
- Minimum 5-10 mg of sample is required and it should be in dry powder form or liquid form with suitable solubility. VIT will not send samples back through post after analysis. Samples will be discarded after use.
- Should mention the mode of ionization in sample submission form because charges are applicable for only one mode of ionization either in positive or negative mode.
- Kindly make use of backside of this form, if you would like to share the structure of samples,
- Please send the online fee receipt along with a request form. The analysis reports will be released only when full payment is received as given in the above table.
- Other than solvent mentioned above analysis will be carried subjected to discussion, supply of required solvent alongside samples.
- The spectra/analytical data are provided only for investigation, research and development purpose with your requisition. It should NOT be used as certificates in lawful argument/legal disputes.
- Radioactive/Explosive/Unstable samples are NOT accepted for analysis
- As per HRMS committee decision, it is mandatory for user of “High-resolution Mass spectrometer Facility – VIT, Vellore” to duly acknowledge the facility in all publications of research work, where in the services of the HRMS at VIT have been made use of and communicate the same to VIT, Vellore

*All the correspondence should be addressed to*

Faculty I/C  
HIGH-RESOLUTION MASS SPECTROMETRY (HRMS)  
CDMM Building,  
School of Advanced Sciences, Department of Chemistry  
Vellore Institute of Technology, Vellore 632 014, Tamil Nadu.

-----Office purpose only-----

Received date:

Slot date/Time:

Date of HRMS analysis:

Signature of the HRMS operator

Signature of the Coordinator/In-charge