



**Shri AMM Murugappa Chettiar Research Centre,  
Taramani, Chennai –600113.**

**ANALYTICAL INSTRUMENT FACILITY**

MCRC is equipped with appropriate instruments to carry out spectral measurements, structure determination, nutraceutical and energy analysis. Researchers/academic institutions are encouraged to utilize the facilities.

**List of equipments and charges (2011-2012)**

<b>Equipment</b>	<b>Charges/ Sample (Rs)</b>	<b>Parameters</b>	<b>Operators</b>	<b>In-charge/ scientist</b>
UV-VIS-Spectrometer	250	Optical density	Mr. Sambantha moorthy	Dr. N.Unnamalai
Atomic absorption spectroscopy (AAS)	1500	Heavy metals (10 nos)	Ms. J. Siva sankari / Ms.Anandhi	Dr.Anitha Naran
High-performance liquid chromatography(HPLC)	500	Compound identification	Mr.V.Karuppuraj	Dr. N.Unnamalai
Gas chromatography(GC)	500	CH <sub>4</sub> ,H <sub>2</sub> , CO <sub>2</sub>	Ms.Priya/Kumar	Dr.P. Sugumaran
Soil nutrient analysis (AAT)	100	Micro & Macro organic carbon & humus (18 elements)	Ms.Anandhi	Dr. K.Perumal
Bomb calorimeter	500	Calorific value	Mr. Ravichandran	Dr.P. Sugumaran
Water testing	1500	Physiochemical and microbial analysis		Dr. Beena Nair
Instrumentation maintenance /in charge			Mr.V.D. Boopathi Raaja	

**Instructions**

1. The samples will be registered for analysis and taken up for measurement as per the seniority/queue of the users of the instrument concerned. Before submitting the sample discuss with concern people/scientist for analysis work.
2. As soon as the analysis is over, we will intimate the information through mail or phone.
3. The samples should be submitted in the prescribed format along with Demand Draft and without DD sample cannot be accepted.
4. We will provide only analytical results but not interpretation.
5. As per the guide lines of our research centre, in all publications of research work, where in the analytical services of the MCRC have been made use of, the MCRC shall be duly acknowledged. Kindly send us the publication reference (Journal name/volume number/names of the authors/date of issue of the publication etc) to us.

All payments should be made in the form of demand draft in favor of **Shri AMM Murugappa Chettiar Research Centre, Taramani, Chennai –600113** and the payment should be sent to **The Deputy Director (R & D and Admin), Shri AMM MCRC, Chennai –600 113.**



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**REQUISITION FORM FOR EXTERNAL SAMPLES**

User Information :  
Name :  
Designation :  
Affiliation :  
Address for Communication :  
Phone Number :  
Fax Number :  
E-mail address :  
Special Instruction (if any) :  
Nature and No. of Samples :  
Sample Code :  
Parameters to be analyzed :  
Analysis method : Qualitative / Quantitative

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Certification and understanding by Financially Responsible person: (HOD / Principal / Guide / Managing Director) I agree to pay the charges for analysis. Certified that the user is a student / employee of our organization.

Date:

Signature and name with seal

**(For office use only)**

Payment details (DD) :  
Parameters analyzed :  
Operator name & signature :  
Date of completion :  
Signature of Head/scientist :