

Advanced Instrumentation Facility (AIF) Charges (w.e.f 1st June, 2024) (GST @ 18%)

Instrument/Analysis	Category - I Students/Academic institutions (Rs.)	Category - II Private labs/ Industry (Rs.)	User Information
UV Spectrum	500 / spectrum	750 / spectrum	-
HPTLC	500 / track	800 / track	User should provide detailed protocol/ Charges 500 extra for method development
HPLC with PDA detector <i>(Currently not available for AIF sample analysis)</i>	1000/ sample	2000/ sample	User should provide detailed protocol/ Charges extra for method development (500/ for Category -I & 1000 for Category -II)
GC	1000/ sample	2000/ sample	User should provide detailed protocol/ 500 extra for method development
GC MS <i>(Currently notavailable for AIF sample analysis)</i>	3500/ sample	6000/sample	(a) User should provide detailed protocol/ Charges extra for method development (1000/ for Category -I & 1500 for Category -II) (b) User will supply standards as / their requirement. (c) Interpretation of fragment spectra of MS is User's responsibility
LC MS (Q-TOF)	4500/ sample MS/MS -2000	8000/ sample MS/MS -3000	1. User should provide detailed protocol/ Charges extra for method development (1000/ for Category -I & 1500 for Category -II) Interpretation of fragment spectra of MS is User's responsibility
Authentication of plant samples			
Taxonomy	300/ sample	500/sample	The samples must be with flowers/fruits in livecondition or as herbarium materials
Microscopy	500/sample	1000/ sample	
Microscopy Imaging			
Scanning Electron Microscope (SEM)	1000/ sample	1500/ sample	User should provide good quality material preferably in dried condition
Anatomy / Histochemical analysis (starch, Lignin, Tannins, Mucilage)	500/ sample	750/ sample	Provide fresh/dried plants/parts
Powder Microscopy	600/ sample	1200/ sample	Minimum 10g of powdered Materials required
RAPD profiling	8000/- (5 samples screening with 20 primers and	12000/- (5 samples screening with 20 primers and	User should provide tissue sample suitable to yield good quality DNA

	profiling with selected primers)	profiling with selected primers)	
ISSR profiling	10000/- (5 samples screening with 10 primers and profiling with selected primers)	15000/- (5 samples screening with 10 primers and profiling with selected primers)	Sample number, Sample code, Type of tissue, approximate weight of tissue (minimum 3g) etc OR Purified DNA (100µl of 50ng / µl concentration) should be provided.
DNA barcoding in plants (rbcL, matK, ITS1/2, etc)	4000/- / loci-sample (3000/- for every additional loci-sample)	6000/- / loci-sample (4000/- for every additional loci-sample)	-
Tissue culture protocol development	10,000/ species and 2500 / additional trial	20,000/ species and 5000 additional trial	User should provide healthy stock plants / explants for initiating cultures. Minimum charges are given, depending on the species to be worked out,theremaybeadditional cost

Terms and conditions

- * GST @ 18 % will be applicable for all the analysis
- * The requisition forms must be signed by concerned officials and submitted along with samples in person or by mail/ post/ courier.
- * The payment should be made against invoice after receiving the sample for analysis and the analysis report will be sent after full payment
- * In all correspondence, the envelope should be superscripted in bold letters as CMPR-AIF.
- * Samples received in good condition only will be analysed and will be intimated to the applicant if they are to be replaced.
- * CMPR-AIF will not supply any software copies for offline analysis.
- * The rates of analysis are subject to revision from time to time.
- * This facility does not include any sort of training to user.
- * The user coming under category-I should submit a letter of recommendation from supervising teacher/Head of the department/ Head of the institution along with the requisition form.
- * Time needed for analysis will depend on the number of samples and complexity of the species analysed.
- * All the correspondence should be addressed to The Project Director, Centre for Medicinal Plants Research, AryaVaidyaSala, Kottakkal, Malappuram, Kerala-676503.
- * Project Director reserves the right to reject any request not comply with the terms and conditions of CMPR-AIF.