

Revolving Fund – Central Instruments Laboratory Services & Training, COVAS, Mannuthy

Details of revised fee for services rendered through Revolving Fund of Central Instruments Laboratory Services & Training, College of Veterinary & Animal Sciences, Mannuthy, Thrissur.

Category I: KVASU Research students (PG & Ph. D.) Category II: Research projects (KVASU & outsiders) With effect from 01/04/2023			
Sl. No.	Name of Equipment	Charges (Rs./sample)	
		Category I (GST Free)	Category II
1.	Accelerated solvent extractor (150 mL)	250/-	750/-
2.	Analytical balance	Nil	30/-
3.	Atomic Absorption Spectrophotometer	300/- for standardization and 60/- for subsequent samples (Flame, Graphite & FIAS)	600/- for first standardization and 120/- for subsequent samples (Flame, Graphite & FIAS)
4.	Automated fraction collector	Nil	250/batch
5.	Automated mammalian cell counter	400/slide (200 per sample)	500/slide (250 per sample)
6.	Bio-chemical analyser (Semi-automated)	Nil	50/test
7.	Biosafety Cabinet Class II	Nil	200/h
8.	CO ₂ Incubator	Nil	250/day
9.	Cold trap	50/batch/1h	100/batch/1h
10.	Deep freezer -80 ^o c	Nil	250/rack- per week
11.	Electro fusion apparatus/Electroporator	Nil	500/batch
12.	Electrolyte analyser	180/-	180/-
13.	Electrophoresis (vertical/horizontal)	Nil	1000/- per gel
14.	Electrophoresis 2-D	250/-	1000/- per gel
15.	Fluorescence Spectrometer	Nil	100/-
16.	Fourier Transform Infrared Spectrometer (FTIR)	250/-per sample	500/- per sample
17.	Freeze drier/Lyophilizer, Vacuum concentrator	300/batch/6h; Vials: 30/-per piece	600/batch/6h Vials: 30/-per piece
18.	Gamma counter (RIA)	80/-(Thyroid hormones), 150/- (cortisol),300/- (others)	80/-(Thyroid hormones) 300/- (others)
19.	GCMSMS	2000/- for standardization & 1000/- for subsequent samples	2,000/- for standardization & 2000 subsequent samples
20.	Gel documentation unit	Nil	200/- per gel
21.	Haematology analyser	180/-	200/-
22.	High Performance Liquid Chromatograph	2000/- for standardization & 1000/- for subsequent samples	2,000/- for standardization & 2000 for subsequent samples
23.	Hot air oven	Nil	250/batch/day
24.	Ice flaker	Nil	100/h
25.	Incubator	Nil	250/batch/day
26.	Inductively Coupled Plasma – Optical Emission Spectrometer (ICP-OES)	2,000/- for standardization &	2,000/- for standardization &

		1000/- for subsequent samples	1200/-for subsequent samples
27.	Inverted Research Microscope(Phase contrast and light microscopy)	Nil	250/h
28.	Inverted Research Microscope (Fluorescent)	100/h	250/h
29.	Liquid Chromatograph – Mass Spectrometry (LC-MS)	2,000/- for standardization & 1000/- for subsequent samples	2,000/- for standardization & 2000 for subsequent samples
30.	Microwave Digester	1000/batch	1500/batch
31.	Nanodrop Fluorospectrometer	Nil	60/-
32.	Nanodrop Spectrophotometer	Nil	60/-
33.	Orbital Shaker/Shaker Incubator	Nil	750/ Batch/day
34.	pH Meter	Nil	60/-
35.	Real Time PCR	250/-	1000/- per run
36.	Refrigerated centrifuge (High Speed)	Nil	100/batch
37.	Research Microscope (everted) (Phase contrast and light microscopy)	Nil	250/h
38.	Research Microscope (everted) (Fluorescent)	150/h	300/h
39.	Rotary flash evaporator	150/150mL	300/- per 150 mL
40.	Scanning electron microscope A. Sample preparation using Sputter coater for Electron Microscopy	500/-	1000/-
	B. Electron Microscope examination	750/- per image copy	1000/- per image copy
41.	Scanning electron microscope - Demonstration	2500/- per batch of 15 Students	
42.	Shaker water bath	Nil	750/batch/day
43.	Solvent Filtration Unit for chromatography	100/-	250/-
44.	Spectrophotometer UV-VIS-NIR	Nil	60/-
45.	Stereo Zoom Microscope	Nil	300/h
46.	Thermal cycler	Nil	750/- per run
47.	Tissue homogenizer	Nil	75/-
48.	Ultra-centrifuge (centrifuge tube cost extra)	500/ batch/6h	1000/batch/6h
49.	Water purification system	Type I-60/L Type II-40/L	Type I-80/L Type II-60/L
50.	Western Blotting	200/-	250/- per gel
51.	4 to 6 Days Training on “MODERN ANALYTICAL TECHNIQUES USED IN VETERINARY & ANIMAL /ALLIED SCIENCES”	2000/-	3000/- for UG and PG students and 6000/- for others

GST of 18% will be charged on usage/ testing charges for scholars of government organisations and non-government organisation (outside KVASU). CIL also undertakes dissertation projects of MDS/ MSc / M.Tech. / B.Tech. students for 1 to 3 months duration as per University (KVASU) norms and fees.

Professor and Implementing Officer