CENTRAL COUNCIL FOR RESEARCH IN AYURVEDIC SCIENCES

Annexure-I

PROPOSED USER CHARGES FOR BOTANY, PHARMACOGNOSY, CHEMISTRY AND PHARMACOLOGY SECTIONS

A. APPROVED USER CHARGES UNDER BOTANY & PHARMACOGNOSY SECTIONS

Sr. No.	Name of the Service	Rates approved by SFC in 95th meeting held on 2.9.2022
1.	Medicinal Plants/ Seedling/ Saplings if available in stock for sale purpose per plant	Herb/shrub:Rs 50/- Tree: Rs. 100/-
2.	Garden visit (For an individual student)	Rs. 30/-
3.	Garden visit (For a group of 30 students)	Rs. 300/-
4.	Foreigner visit	Rs. 200/-
5.	Taxonomic Identification/authentication of medicinal plants (fresh sample)	Rs. 400/-
6.	Taxonomic Identification/authentication of medicinal plants and Herbarium voucher specimen deposition in the Institute	Rs. 500/-
7.	Authentication of crude drug-Macroscopic studies including 600 organoleptic properties	Rs. 600/-
8.	Authentication of crude drug-Single Drug Anatomy (sectional studies)	Rs. 2500/-
9.	Authentication of crude drug-Powder Microscopy	Rs. 2000/-
10.	Standardization and characterization of Single & Compound Formulations (pharmacognostic study)	Rs. 2500/-
11.	Pharmacognosy/Botany Training/ Dissertation work related charges (per month)	Rs. 5000/-

Note: Discount is available as follows:

1. Govt. Institutes/Universities: 25% discount on total testing charges

2. Bona-fide students of recognized universities/research Institutes: 50% discount on total testing charges

*** GST as applicable**

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B. APPROVED ANALYSIS/USER CHARGES FOR TESTING/TRAINING (CHEMISTRY SECTION)

Instrument	Sr. No.	Name of the Service	Rates approved by SFC in 95th meeting held on 02.09.2022
	1.	Foreign matter	Rs.100/-
	2.	Loss on drying	Rs. 500/-
	3.	Total/Acid Insoluble Ash	Rs. 500/-
	4.	pH Value	Rs. 300/-
	5.	Water soluble Extractive Value	Rs. 300/-
	6.	Alcohol soluble Extractive Value	Rs. 500/-
	7.	Volatile Oil/ Fixed Oil	Rs. 500/-
	8.	Tablet Hardness	Rs. 300/-
	9.	Disintegration Time	Rs. 500/-
	10.	Friability	Rs. 500/-
	11.	Uniformity of weight (Capsules/Tablets)	Rs. 300/-
	12.	Total Solids	Rs. 400/-
	13.	Refractive Index	Rs. 300/-
	14.	Acid Value	Rs. 500/-
	15.	Iodine Value	Rs. 500/-
	16.	Saponification value	Rs. 500/-
	17.	Unsaponifiable matter	Rs. 500/-
	18.	Peroxide Value	Rs. 500/-
	19.	Rancidity test	Rs. 300/-
	20.	Specific Gravity	Rs. 300/-
	21.	Alcohol Content	Rs. 500/-
	22.	Total Sugar content	Rs. 500/-
	23.	Reducing/Non Reducing Sugar	Rs. 500/-
	24.	Glucose-Fructose Ratio	Rs. 500/-
	25.	Aniline Chloride Test	Rs. 300/-
	26.	Total Fat Content	Rs. 500/-
	27.	Resin content	Rs. 400/-
	28.	Carotene Content	Rs. 1000/-
	29.	Melting Point (Pure compound)/Congealing Point	Rs. 300/-
	30.	Viscosity	Rs. 1000/-
	31.	Test for Mineral Oil	Rs. 300/-
	32.	Assay of Metal Ion/Element (Qualitative/ion)	Rs. 500/- each
	33.	Assay of Lead, Arsenic, Mercury, and Cadmium (ICP-OES/AAS)	Rs. 500/- each
	34.	Sample preparation by microwave sample digester (Per sample)	Rs. 200/-

	35.	Assay of Volumetric/Gravimetric method (Cu, Fe, Ca etc.)	Rs. 500/- each
	36.	Assay of Metal (single) Flame Photometer (Na, K)	Rs. 500/- each
	37.	Qualitative Phytochemical screening	Rs. 2000/-
	38.	Aflatoxins (HPLC)	Rs. 3000/-
	39.	Pesticide Residue (GC/GC-MS/LC-MS)	Rs. 4000/-
	40.	Total Microbial Plate Count	Rs. 1000/-
	41.	Total Yeast/Mold Count	Rs. 1000/-
	42.	Detection of specific pathogen - *E. coli*	Rs. 700/-
	43.	Detection of specific pathogen *Salmonella sp*.	Rs. 700/-
	44.	Detection of specific pathogen - *P. aeruginosa*	Rs. 700/-
	45.	Detection of specific pathogen - *S. aureus*	Rs. 700/-
Certified Raw Material (CRM) *(With complete COA)	46.	Reference Material of Raw Drug	Rs. 15000/- (Price may vary on case to case basis)
High Performance Thin Layer Chromatography (HPTLC) *(If Markers provided by user)	47.	HPTLC Profiling (If method is provided)	Rs. 1000/-
	48.	HPTLC Profiling (With method development)	Rs. 2000/-
	49.	HPTLC Marker Based Profiling (With method development)	Rs. 3000/-
	50.	Method Development (Quantification)	Rs. 5000/-
UV/VIS Spectrophotometer	51.	Profiling/Scan	Rs. 500/-
	52.	Total Phenolic	Rs. 2000/-
	53.	Total Flavonoids	Rs. 2000/-
	54.	Total Tannins	Rs. 2000/-
	55.	Total Alkaloids	Rs. 2000/-
	56.	Method Development	Rs. 3000/-
FTIR Spectroscopy	57.	Profiling/Scan (per sample)	Rs. 1000/-
Particle Size Analyzer	58.	Solid, Liquid, Semisolid	Rs. 1500/-
High Pressure Liquid Chromatography (HPLC) *(If Markers provided by user)	59.	HPLC Profiling (If method Provided)	Rs. 2500/-
	60.	HPLC Profiling (With method development)	Rs. 3500/-
	61.	HPLC Marker Based Profiling (With method development)	Rs. 5000/-
	62.	Method Development (Quantification)	Rs. 7000/-
Gas Chromatography (GC) *(If Markers provided by user)	63.	GC Profiling (If method Provided)	Rs. 2500/-
	64.	GC Profiling (With method development)	Rs. 3500/-
	65.	GC Marker-Based Profiling (With method development)	Rs. 5000/-
	66.	Method Development and Quantification of volatile active. constituents	Rs. 7000/-

Mass Spectrometry GC-MS/MS Mass Spectrometry (GC-MS/MS) *(If Markers provided by user)	67.	GC-MS Profiling (If method provided & Library Search)	Rs. 4000/-
	68.	GC-MS Profiling (With method development & Library Search)	Rs. 7000/-
	69.	GC-MS Quantification (If method provided)	Rs. 10000/-
	70.	GC-MS Quantification (With method development)	Rs. 15000/-
Mass Spectrometry LC-MS/MS Mass Spectrometry (LC-MS/MS) *(If Markers provided by user)	71.	LC-MS Profiling (If method provided)	Rs. 5000/-
	72.	LC-MS Profiling (With method development)	Rs. 7000/-
	73.	LC-MS Quantification (If method provided)	Rs. 10000/-
	74.	C-MS Quantification (With method development)	Rs. 15000/-
Stability Testing *(For every additional year multiply with no. of Years)	75.	Accelerated Study (6 month including all basic tests)	Rs. 35000/-
	76.	Long Term/ Real Time (1 Year including all basic tests)	Rs. 60000/-

Note: Discount is available as follows:

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*** GST as applicable**

C. TRAINING AND SKILL DEVELOPMENT CHARGES

Sr. No.	Training title	Charges and No. of Days
1.	Training on basic test parameters as per API	Rs.15000/-for 20 days
2.	Training on all basic parameters as per API and sophisticated instrument (LC-MS/MS, GC-MS/MS, HPLC, ICP-OES, HPTLC & Particle Size Analyzer) **CARI, Jhansi** Training on all basic parameters as per API and sophisticated instrument (LC-MS, GC-MS, HPLC, ASS, ICP-OES, HPTLC-**CSMCARI, Chennai**	Rs.10000/-for 07 days Rs.20000/-for 15 days Rs.30000/-for 30 days Rs.20000/- for 20 days
3.	Training on all basic parameters as per API and sophisticated instrument (GC, HPLC, ASS, HPTLC UV-Visible spectrophotometer & FTIR etc.)-**RARI, Gwalior**	Rs.10000/-for 07 days Rs.20000/-for 15 days Rs.30000/-for 30 days

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D. APPROVED USER CHARGES PERTAINING TO PHARMACOGLOGY (PRECLINICAL STUDIES)

i. Safety and Efficacy studies

TEST NAME	Rate approved by SFC in 95th meeting held on 02.09.2022
Acute oral Toxicity Study OECD 420/423/425	Rs. 40,000/-
Acute oral Toxicity Study OECD 420 and OECD 425	Rs. 50,000/-
28 Days Repeated Dose Oral Toxicity OECD 407	Rs. 4,00,000/- (Rats) Rs. 2,50,000/- (Mice)
90 Days Repeated Dose Oral Toxicity study OECD 408	Rs. 8,00,000 (Rats) Rs. 6,00,000 (Mice)
Acute Dermal Toxicity Study OECD 402	Rs. 40,000/-
Sub-acute dermal toxicity (Rats) 410	Rs. 4,00,000/-
Sub Chronic Dermal Toxicity 90 days study OECD 411	Rs. 8,00,000/-
Hepatoprotective activity evaluation study in any one model (D-galactosamine / Paracetamol / Alcohol induced/ Carbon tetra chloride)	Rs. 80,000/-
Nephroprotective activity evaluation study in any one model (Cisplastin induced/Diclofenac induced /Gentamycin induced)	Rs. 80,000/-
Analgesic (Radiant heat method, Hot plate method and Acetic acid induced writhing method)	Rs. 80,000/-
Anti-inflammatory in any one model (Carrageenan induced rat paw oedema)	Rs. 50,000/-
Anti-inflammatory in any one model (Cotton pellet granuloma model)	Rs. 70,000/-
Antipyretic activity evaluation study	Rs. 50,000/-
Anti-Diabetic activity evaluation study- type I (STZ Model)	Rs. 2,00,000/-
Anti-Diabetic activity evaluation study- type II (Streotozotocin - nicotinamide model)	Rs. 2,00,000/-
Anti-Diabetic activity evaluation study- type II (High fat diet +STZ Model)	Rs. 2,50,000/-
Diuretic/Anti-Diuretic activity evaluation study	Rs. 80,000/-
Anti-dyslipidemic activity evaluation study (High fat diet)	Rs. 2,50,000/-
Wound healing activity in any one model (Burn excision/incision wound)	Rs. 70,000/-
Antiulcerative activity evaluation study (Alcohol induced)	Rs. 80,000/-
Antiulcerative activity evaluation study Pyloric ligation	Rs. 1,00,000/-
CNS activity evaluation study.	
Anxiolytic activity (Elevated Plus maze)	Rs. 50,000/-
Antidepressant activity (Porsalt Forced swim test)	Rs. 50,000/-
Learning and Memory Evaluation (Water Maze Test)	Rs. 70,000/-
Learning and Memory Evaluation (Elevated Maze Test)	Rs. 50,000/-

Ant- arthritic activity (Complete Freund's Adjuvant)	Rs. 1,00,000/-

ii. Hematology/Biochemistry analysis (Pre-Clinical studies)

TEST NAME	Rate approved by SFC in 95th meeting held on 02.09.2022
CBC	Rs. 400/-
LFT Package	Rs. 550/-
Lipid Profile Package	Rs. 400/-
Glucose	Rs. 60/-
Urea	Rs. 100/-
Creatinine	Rs. 100/-
Serum sodium	Rs. 200/-
Serum Potassium	Rs. 200/-
Chloride	Rs. 200/-
Alanine Transaminase (ALT)	Rs. 100/-
Albumin	Rs. 80/-
Alkaline Phosphate (ALP)	Rs. 100/-
Aspartate Transaminase (AST)	Rs. 100/-
Direct Bilirubin (BID)	Rs. 80/-
Total Bilirubin (BIT)	Rs. 80/-
Blood Urea Nitrogen (BUN)	Rs. 80/-
Calcium	Rs. 80/-
Cholesterol	Rs. 80/-
Gamma-Glutamyl Transferase (GGT)	Rs. 140/-
HDLc	Rs. 100/-
LDH	Rs. 140/-
LDLc	Rs. 160/-
Magnesium	Rs. 100/-
Phosphorus	Rs. 80/-
Total Protein	Rs. 80/-
Triglycerides	Rs. 100/-
Uric acid	Rs. 100/-
VLDLc	Rs. 100/-
A/G Ratio	Rs. 140/-
Kidney Function Test (Urea/ BUN, Creatinine, Total Protein, Albumin)	Rs. 300/-
Cardiac Enzymes (CK, AST, LDH)	Rs. 360/-
Urine analysis	Rs. 600/-

iii. Histopathology

TEST NAME		Rate approved by SFC in 95th meeting held on 02.09.2022
Histopathology (Slide preparation, interpretation and photomicrographs)	**H&E staining** (All tissues except bones)	Rs. 800/-
	H&E staining (Bones)	Rs. 1000/-
	Special staining (PAP, Alcian blue, Sirius Red, Masson's trichrome, Prussian blue, Luxol fast blue, Toluidine blue etc.)	Rs. 1200/-
Cytology	Blood/Bone marrow/ urine/body fluid	Rs. 400/-
Immunohistochemistry (If antibodies are provided by user)	Blood/Bone marrow/ urine/body fluid	Rs. 2000/-

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iv. Lab utilization/ Training/ dissertation charges under Pharmacology section

Lab utilization charge/ Training dissertation	**Rate approved by SFC in 95th meeting held on 02.09.2022**
Lab. Utilization Charges for PG/Ph. D Student s	Rs. 5000/-per month (excluding consumable charges)
Dissertation Work	Rs.15,000/-for 3 months for M.Sc./M. Phil students in Biochemistry dept. (excluding consumable charges)
	Rs.20,000/-for 3 months for M. Pharm/M. Phil students in Pharmacology dept. (excluding consumable charges)
Training Programme	Basic of Cell Culture and Cytotoxicity Studies (One month)- Rs. 10,000/-)
	Basic of Genotoxicity, Ames test and Comet Assay (One month) -Rs. 10,000/-
	Hands on training programme in Biochemistry Dept. (Two weeks)- Rs. 6000/-
	Hands on training programme in Pharmacology Dept. (Two weeks)- Rs. 8000/-
	Summer training programme in Biochemistry Dept. (one month)- Rs. 10,000/-
	Summer training programme in Pharmacology Dept. (one month)- Rs. 10,000/-

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