



ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય
CENTRAL UNIVERSITY OF GUJARAT

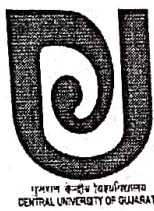
ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય
(ભારત કી સંસદ કે અધિનિયમ સં. 25, 2009 કે તહત સ્થાપિત)

CENTRAL UNIVERSITY OF GUJARAT

(Established by an Act of Parliament of India, No 25 of 2009)

**List of Instruments with External User Charges for Sample Analysis
(Central Instrumentation Facility)**

Sr. No.	Name of Equipment	Rate of Sample Analysis plus GST (SGST 9 % & CGST 9 %)		
		Govt. Universities/ Institutes	MOU with CUG (Rs.)	Industry (Rs.)
1.	500 MHz Fourier-Transform Nuclear Magnetic Resonance (FT-NMR)	650/- for ¹ H-NMR 1000/- for ¹³ C-NMR (without solvent)	520/- for ¹ H-NMR 800/- for ¹³ C-NMR (without solvent)	1300/- for ¹ H-NMR 2000/- for ¹³ C-NMR (without solvent)
2.	Electron Spectroscopy for Chemical Analysis (ESCA)	1500/-	1200/-	3000/-
3.	Powder - XRD (P-XRD)	800/-	640/-	1000/-
4.	Single Crystal - XRD (SC-XRD)	8000/-	6,400/-	25,000/-
5.	Scanning Electron Microscope (SEM)	700/- without coating 900/- with coating	560/- without coating 720/- with coating	1500/- without coating 1800/- with coating
6.	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	750/- Elemental Analysis (up to 10 elements from same Calibration Standard) 75/- After 10 elements from same Calibration Standard or different Calibration Standard per element will be charged extra	600/- Elemental Analysis (up to 10 elements from same Calibration Standard) 60/- After 10 elements from same Calibration Standard or different Calibration Standard per element will be charged extra	1500/- Elemental Analysis (up to 10 elements from same Calibration Standard) 100/- After 10 elements from same Calibration Standard or different Calibration Standard per element will be charged extra
7.	Atomic Force Microscope (AFM)	600/-	480/-	1500/-
8.	High Resolution Transmission Electron Microscope (HRTEM)	2500/- TEM Per sample 4,000/- TEM + SAED Per sample	2000/- TEM Per sample 3200/- TEM + SAED Per sample	5,000/- TEM Per sample 10,000/- TEM + SAED Per sample



गुजरात केन्द्रीय विश्वविद्यालय
(भारत की संसद के अधिनियम सं. 25, 2009 के तहत स्थापित)

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		4,000/- TEM + EDAX per sample	4,000/- TEM + EDAX per sample	10,000/- TEM + SAED Per sample
9.	Liquid Chromatography/ Mass Spectrometry (LC/MS-QTOF)	2,200/-	1,760/-	3,500/-
10.	Confocal Laser Scanning Microscope (CLSM)	Fixed sample 1000/-	Fixed 800/-	Fixed sample 1800/-
11.	Real Time PCR (RT-PCR)	Rs 500 (Per Sample) SYBER Green Rs 1000 (Per Sample) TaqMan	Rs 400 (Per Sample) SYBER Green Rs 800 (Per Sample) TaqMan	Rs 1000 (Per Sample) SYBER Green Rs 2500 (Per Sample) TaqMan
12.	Elemental Analyzer (CHNS/O)	700/-	560/-	1500/-
13.	Brunauer Emmett Teller (BET) Surface Area Analyzer	1,500/-	1,200/-	2500/-
14.	Spectroscopic Ellipsometer	600/-	480/-	1000/-
15.	Atomic Absorption Spectrophotometer (AAS)	150/- Elemental Analysis per sample per Element	120/- Elemental Analysis per sample per Element	250/- Elemental Analysis per sample per Element
16.	Polarimeter	200/-	160/-	1500/-
17.	Thermo Gravimetric and Differential Thermal Analysis (TG/DTA),	800/-	640/-	1100/-
18.	Differential Scanning Calorimetry (DSC)	800/-	640/-	1100/-
19.	Dynamic Light Scattering (DLS)	200/-	160/-	500/-
20.	Gas Chromatography (GC)	300/- without standard	240/- without standard	600/- without standard
21.	Fourier Transform Infrared Spectroscopy (FT-IR)	200/-	160/-	400/-
22.	High-Performance Liquid Chromatography (HPLC)	600/- with C18 column	480/- with C18 column	1200/- with C18 column
23.	UV-Visible Spectrophotometer	100/-	80/-	300/-

NOTE: Payment details for External Sample Analysis Charges are payable in advance by bank Draft/ NEFT/RTGS in favour of Central University of Gujarat payable at Gandhinagar. Bank: Canara Bank, Account No.: 5999132000003, Branch: CUG Branch Gandhinagar-382029, IFSC: CNRB0005999. Contact details: e-mail ID: cif@cug.ac.in, Tel. No.: 079-23260603.


25-8-21
Nodal Officer, CIF

Prof. Dinesh Kumar
Nodal Officer

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