



**SCHOOL OF APPLIED SCIENCES AND  
TECHNOLOGY  
GUJARAT TECHNOLOGICAL UNIVERSITY**

**INSTRUMENT FACILITY CHARGES**

<b>Instrument Facility</b>	<b>Type of Measurement</b>	<b>Minimum Sample quantity required</b>	<b>Charges for Students/Academic</b>	<b>Charges for Industries</b>
UV Vis Spectrophotometer, UV-1900, Shimadzu	200-900 nm Absorption and Transmission mode	5 ml	Rs. 200 per hour	Rs. 500 per hour
Millipore/ Water Purification System	Deionized Water	-	Rs. 100 per Litre	Rs. 200 per Litre
	HPLC grade Water	-	Rs. 200 per Litre	Rs. 600 per Litre
Refrigerated Centrifuge (Eppendorf)	Centrifuge biological samples	Small volume Rotor: 1.5 ml, Large volume rotor: 15ml and 50ml	Rs. 200 per hour	Rs. 400 per hour
	Centrifuge Aqueous sample		Rs. 200 per hour	Rs. 400 per hour
Microscopy	Bright Field Phase Contrast		Rs. 200 per hour	Rs. 400 per hour
	Fluorescence Inverted/Upright		Rs. 300 per hour	Rs. 600 per hour
	Digital Image		Rs. 50 per image	Rs. 50 per image
Gel Documentation Unit	Per photo		Rs. 100	Rs. 200
Gradient PCR	Per run		Rs. 200	Rs. 500
Real Time PCR	Per run		Rs. 1000	Rs. 3000
ELISA Plate reader	Instrument charge		Rs. 100 per hour	Rs. 300 per hour

Nanodrop Spectrophotometer	Per sample		Rs. 20	Rs. 40
Refrigerated Incubator Shaker	Per day		Rs. 200	Rs. 600
CO <sub>2</sub> Incubator	Per day		Rs. 300	Rs. 600
Autoclave (100 L)	Per run		Rs. 200	Rs. 400
Deep Freezer (-80°C)			Rs. 100/ day or Rs. 1500/month	Rs. 200/ day or Rs. 3000/month
Biosafety Cabinet Class II	Per hour		Rs. 300	Rs. 600
Laminar Air Flow	Per hour		Rs. 200	Rs. 400
Weighing Balance	Per sample		Rs. 20	Rs. 40
Multiparameter Pocket Tester	per sample		Rs. 20	Rs. 40
pH Meter High Precision				
Ion Proton Next generation Sequencing	Per run		Rs. 1500	Rs. 3000

**Note: - Charges for Chemicals, Consumables and/or Analysis test kits are not included**

**\* Charges will be quoted on a case-to-case basis**

## Appendix A

### **Rules and Regulations for testing Facility**

1. No sample will be analyzed without advance payment.
2. All concern person, research fellows and students are advised to send their application and sample through Supervisor or Head of Department. The request must be made only on University/College letter Head.
3. Samples and payment should be sent preferably in the same cover. Separate sample should be sent for different analysis.
4. The sample name/batch no./ Required analysis should be clearly mentioned on sample/requisition form.
5. Sample preparation and method development will be charged extra, varies from material to material and method to method depending on the sample, if required so. Charges will be quoted on a case to case basis.
6. The analytical data/ spectra are provided only for research/ development purposes. These cannot be used as certificates in legal disputes.
7. Radioactive Material should be clearly mentioned and handed over personally.
8. Unstable and explosive compounds are not accepted for analysis.
9. Interpretation of results is not undertaken normally.
10. It is also desirable that analysis work done using SAST-GTU facilities should be acknowledged in the publication/thesis.