



# पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

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क्रमांक ७३१ / अका. / 2025

रायपुर, दिनांक: 29 / 04 / 2025

## ॥ अधिसूचना ॥

विश्वविद्यालय कार्यपरिषद की 96वाँ बैठक दिनांक 24.03.2025 को निर्णय क्रमांक-06 पर कंसलटेंसी विनियम क्रमांक-170 के अंतर्गत रूटीन टेस्टिंग (Chemical/Instrumental Sample Analysis) फीस एवं नियम व शर्तों को स्वीकृति प्रदान की गयी है। उक्त अनुक्रम में निम्नानुसार अधिसूचित किया जाता है :-

### Chemical Analytical Tasting Charges

"Under Consultancy Regulation - 170"

### School of Studies in Chemistry

### Pt. Ravishankar Shukla University, Raipur

(Approved by Executive Council Meeting, dated 24 March 2025 and charges will be effective from 01 April 2025)

S. No.	Sample/ Analysis	Description of Job	Client Type	Total Charge (Rs.)	Remarks
1	Elemental Analysis (per element) by AAS	Flame Based	Industrial	500	*In case of multiple elements/ samples, charges will be 1000/- (upto 5 elements)
			Educational/ Research Institute	250	
		Graphite Furnace	Industrial	750	
			Educational/ Research Institute	250	
		Cold Vapor/ Vapor based analysis for As and Hg	Industrial	750	Sample pre-treatment (Microwave digestion)/sample: 400/-
			Educational/ Research Institute	300	
2	Ionic Component Analysis by Ion Chromatography	Per Anion **	Industrial	1000	**In case of multiple anions/ samples, charges will be 1000/- (upto 7 anions)
			Educational/ Research Institute	250	
		Per Cation ***	Industrial	1000	
			Educational/ Research Institute	250	
		Metal Ions by VWD Detector ****	Industrial	1000	***In case of multiple cations/ samples, charges will be 1000/- (upto 6 cations)
			Educational/ Research Institute	250	
		Carbohydrates/ Amino Acids/ Organics by ECD Detector	Industrial	1000	
			Educational/ Research Institute	350	
		Extraction process for ions/ organics from samples/ sample	Industrial	1000	**** In case of multiple metal ions/ samples, charges will be 1500/- (upto 8 metal ions)
			Educational/ Research Institute	750	

3	Organic Analysis (Per Sample)	TD-GC-MS	Industrial	2000	*Charges for qualitative full scan  For Quantitative analysis in GC-MS, Standards will be counted as individual samples.
			Educational/ Research Institute	1000	
		TD-GC-FID	Industrial	2000	
			Educational/ Research Institute	1000	
		TD-GC-ECD	Industrial	2000	
			Educational/ Research Institute	1200	
		Extraction	Industrial	1500	
			Educational/ Research Institute	1000	
4	Organic Carbon and Elemental Carbon analysis by OC/EC Analyser	For OC and EC only/ sample	Industrial	2000	In case of including carbonate carbon along with OC and EC price will be Rs. 1200/-
			Educational/ Research Institute.	750	
5	CHSN,O Analysis	Per Sample	Industrial	1500	
			Educational/ Research Institute	750	
6	BET Surface Area Analyzer	Per Sample	Industrial	3000	
			Educational/ Research Institute	2000	
7	Gas Analyzer (SO <sub>2</sub> , NO <sub>x</sub> , CO, CO <sub>2</sub> )	Per Measurement	Industrial	700/-	In case of multi measurement. Charges will be 1000/- for upto 05 measurements. For additional gaseous organics as per provisions in gas analyzer, additional cost of Rs 100/- for each measurement
			Educational/ Research Institute	300/-	
8	1400°C Muffle Atmosphere Furnace/sample		Industrial	500	
			Educational/ Research Institute	300	
9	Battery Analyzer 16-Channel For analysing retention capacity/battery		Industrial	1000	These charges for checking Battery retention capacity. In case of Battery fabrication task is also needed, then additional charge of Rs. 1000/- (educational institute) and 2000/- (Industry) will be charged
			Educational/ Research Institute	500	



10	3D Printer and Screen Printer Product design/50gm		Industrial	2500	
			Educational/ Research Institute	1000	
11	02 Port Glove Box Usage/Hour		Industrial	2000	
			Educational/ Research Institute	1000	
12	Laser Machine For Laser engraving/cm <sup>2</sup> /device		Industrial	500	
			Educational/ Research Institute	300	
13	Tube Furnace Usage/hour		Industrial	500	
			Educational/ Research Institute	300	
14	FT-IR Analysis (Per Sample)	Graph/Scanning	Industrial	1200	Per Sample
			Educational/ Research Institute	300	
		Sample Treatment + Scanning	Industrial	1500	
			Educational/ Research Institute	600	
		FTIR-Imaging	Industrial	1500	
			Educational/ Research Institute	600	
15	Steady State Fluorescence Spectrophotometer	Scanning	Industrial	1000	Per Sample
			Educational/ Research Institute	200	
		TCSPC	Industrial	1000	
			Educational/ Research Institute	350	
16	Electrospinning Machine Usage/Hour		Industrial	1500	
			Educational/ Research Institute	500	
17	TLD/ OSL Reader		Industrial	750	Per Sample
			Educational/ Research Institute	500	
18	UV-Visible Spectroscopic Analysis	Scanning/sample	Industrial	500	
			Educational/ Research Institute	100	
		Sample treatment + Scanning	Industrial	1500	
			Educational/ Research Institute	400	
19	Tensiometry (Per Sample)	Surface Tension Measurement	Industrial	800	
			Educational/ Research Institute	200	
20	Electrochemistry	Cyclic Voltammetry	Industrial	2500	
			Educational/ Research Institute	1000	
		Charge/discharge/stability analysis/electrode	Industrial	2500	
			Educational/Research Institute	1000	
		Impedance/electrode	Industrial	2500	
			Educational/Research Institute	1000	

		Differential Pulse Voltammetry	Industrial	2500	
			Educational/ Research Institute	1000	
		Linear Sweep Voltammetry	Industrial	2500	
			Educational/ Research Institute	1000	
		Chronoamperometry	Industrial	2500	
			Educational/ Research Institute	1000	
21	Microwave Digester/ Sample	Sample Digestion	Industrial	850	
			Educational/ Research Institute	400	
22	Scanning Electron Microscope	SEM Image	Industrial	2000	Per Sample
			Educational/ Research Institute	800	
		SEM Image + EDX	Industrial	3000	
			Educational/ Research Institute	1300	
		SEM Image + EDX + Mapping	Industrial	4000	
			Educational/ Research Institute	1800	
		Gold Coating	Industrial	450	
			Educational/ Research Institute	150	
23	HPLC/Sample	Scan Per Sample	Industrial	1200	Sample pre-treatment/ sample: 300/-
			Educational/ Research Institute	1000	
24	Zeta Sizer/Sample <sup>###</sup>	Per Sample	Industrial	1000	<sup>###</sup> Price for size: Rs. 300. For Zeta potential price is Rs. 350 & for both: 600/-
			Educational/ Research Institute	300	
25	Air (Per Sample)	Gravimetric analysis for PM <sub>10</sub> (Per Filter Paper)	Industrial	1000	
			Educational/ Research Institute	250	
		Gravimetric analysis for PM <sub>2.5</sub> (Per Filter Paper)	Industrial	1000	
			Educational/ Research Institute	250	
		Gravimetric analysis for PM <sub>1</sub> (Per Filter Paper)	Industrial	1000	
			Educational/ Research Institute	250	
		Gravimetric analysis for PM <sub>10</sub> PM <sub>2.5</sub> & PM <sub>1</sub> (Per Filter Paper)	Industrial	2000	
			Educational/ Research Institute	650	
		VOCs sampling via Tenax Tube (Per Tube)	Industrial	1000	
			Educational/ Research Institute	300	
		BTEX Analyser/measurement	Industrial	600	
			Educational/ Research Institute	300	



26	Effluent Water (Per Sample)	BOD Biological Oxygen Demand	Industrial	2000	
			Educational/ Research Institute	1000	
		COD Chemical Oxygen Demand	Industrial	1500	
			Educational/ Research Institute	750	
		TOC Total Organic Carbon	Industrial	1500	
			Educational/ Research Institute	750	
27	Water	pH, Total Solids, Turbidity, Alkalinity, Hardness, Calcium, Magnesium, Sulphate, Chloride & Iron	Industrial	1500	
			Educational/ Research Institute	750	
		pH, Total Solids, Turbidity, Alkalinity, Hardness, Calcium, Magnesium, Sulphate, Chloride, Iron, Sodium, Potassium, Manganese and Zinc	Industrial	2000	
			Educational/ Research Institute	1000	
		Iron Only	Industrial	650	
			Educational/ Research Institute	200	
		pH/ Conductivity- each/sample	Industrial	500	
			Educational/ Research Institute	150	
		Estimation of Total Fe content in Food Samples	Industry	500	
			Educational/ Research Institute	250	
28	Food (Per Sample)	Estimation of Total Fats content in Food Samples	Industry	2100	Sample pre-treatment: 500/- (Educational institute) 1000/- (Industry)
			Educational/ Research Institute	700	
		Carbohydrate content in Food Samples	Industry	2500	
			Educational/ Research Institute	700	
		Protein content in Food Samples	Industry	2000	
			Educational/ Research Institute	1000	
		Estimation of Total Zn content in Food Samples	Industry	500	
			Educational/ Research Institute	250	
		Estimation of Total Ca content in Food Samples	Industry	400	
			Educational/ Research Institute	200	
		Estimation of Total Mn content in Food Samples	Industry	500	
			Educational/ Research Institute	250	
		Estimation of Total	Industry	1000	



		Fe, Zn, Ca and Mn content in Food Samples	Educational/ Research Institute	800	
29	Soil (Per Sample)	pH	Industry	500	####Per element
			Educational/ Research Institute	200	
		Phosphorous (available)	Industry	500	
			Educational/ Research Institute	300	
		Phosphate (ortho)	Industry	500	
			Educational/ Research Institute	300	
		Phosphate (total)	Industry	1500	
			Educational/ Research Institute	800	
		Potash (Available)	Industry	500	
			Educational/ Research Institute	200	
		Ammonia	Industry	500	
			Educational/ Research Institute	250	
		Sodium Absorption Ratio (SAR) in Soil extract	Industry	1500	
			Educational/ Research Institute	800	
30	Tea (Per Sample)	Moisture, Ash, alkalinity of ash and ash insoluble in acid	Industry	4000	
			Educational/ Research Institute	2000	
31	Fertilizers	Sulphate of Ammonia for Nitrogen only	Industry	1000	
			Educational/ Research Institute	500	
		Urea for Nitrogen only	Industry	1000	
			Educational/ Research Institute	500	
		Super-Phosphate for P <sub>2</sub> O <sub>5</sub>	Industry	1000	
			Educational/ Research Institute	500	
		Muriate of Potash for K <sub>2</sub> O	Industry	1000	
			Educational/ Research Institute	500	
		Mixed Fertilizer for NPK	Industry	3000	



			Educational/ Research Institute	1500	
		Zinc Sulphate	Industry	2000	
			Educational/ Research Institute	500	
		Phosphate only	Industry	2000	
			Educational/ Research Institute	1000	
32	Clay, Ash, Minerals like Limestone, Dolomite, Rock, Metallic minerals, Refractory Materials, and Iron Ore	Chemical analysis for the constituents- LOI, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO	Industry	3000	
			Educational/ Research Institute	1950	
		Each Additional Components like IR, SO <sub>3</sub> , Na <sub>2</sub> O, K <sub>2</sub> O, Chloride, etc.	Industry	1500	
			Educational/ Research Institute	700	
		Phosphate	Industry	2000	
			Educational/ Research Institute	1000	
33	Research Consultancy for interpretation of data generated by the instruments(s)/data sheet		Industry	1000	
			Educational/ Research Institute	500	
34	Research Project (Consultancy Charges for UG/PG/PhD students/Industry personnel)/Month		Industry	25000/-	
			Educational/ Research Institute	10,000/-	

**Note:** There shall be an increment of 10% in the charges specified from Serial No. 1 to 33 every financial year (applicable from 1 April 2026).

आदेशानुसार,

*[Signature]*

कुलसचिव

रायपुर, दिनांक: 29/04/2025

पृ. क्रमांक 832/अका./अ.मं./2025

प्रतिलिपि :-

1. अध्यक्ष, रसायन अध्ययनशाला
2. डॉ. शम्स परवेज, आचार्य, रसायन अध्ययनशाला
3. वित्ताधिकारी
4. प्रभारी अधिकारी अनुदान प्रकोष्ठ
5. कुलपति जी के सचिव/कुलसचिव के निज सहायक, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर को सूचनार्थ।

*[Signature]*  
उप कुलसचिव (अका.)