



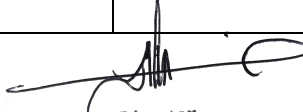
Analytical Rates for Centralized Resource Laboratory University of Peshawar

Material Analysis Laboratory

Instrument	Specifications	Rates (Rs.)	
		Students	Private Users
Transmission Electron Microscopy (TEM)	2 Images/sample	4000/-	7200/-
Energy Dispersive X-ray Spectroscopy (EDX) attached with TEM	1 EDX/ sample	2200/-	7200/-
Scanning Electron Microscopy (SEM)	2 Images/sample	1100/-	3000/-
Energy Dispersive X-ray Spectroscopy (EDX) attached with SEM	1 EDX/ sample	1100/-	3000/-
Universal Testing Machine (UTM)	Per Sample	1100/-	3000/-
X-ray Diffractometer (XRD)	Per hour	1100/-	3000/-
X-ray Florescence Spectrometer (ED-XRF)	Per Sample	1000/-	3000/-
Coating (Gold & Silver)	Per 5 samples	1100/-	2400/-
Carbon, Aluminum Coating	Per 5 samples	550/-	1200/-
Liquid Nitrogen	Per Litter	75/-	150/-
Calculation of Loss on Ignition (LOI)	Per Sample	1000/-	1500/-

Analytical Laboratory

Instrument	Specifications	Rates (Rs.)	
		Students	Private Users
Atomic Absorption Spectrometer (AAS) Per sample/element	Acetylene Flame	170/-	480/-
	Nitrous Oxide Flame	390/-	960/-
	Graphite Furnace	440/-	1200/-
	Sample Processing (Per sample)	500/-	1000/-
High Performance Liquid Chromatography (HPLC)	Simple/Complex/Acetonitrile Mobile Phase (Per sample)	600/-	1400/-
Gas Chromatography Per sample/ Substance	Nitrogen Mobile Phase TCD/FID/FPD/ECD	600/-	1400/-
Gas Chromatograph-Mass Spectrometer Per sample	He Mobile Phase	2500/-	4000/-
Fourier Transform-InfraRed Spectroscopy (FT-IR)	Per sample	400/-	1000/-


 Director
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 University of Peshawar

Thermal Laboratory

Instrument	Specifications	Rates (Rs.)	
		Students	Private Users
Thermogravimetric /Differential Thermal Analysis (TG/DTA)	Up to 600°C	1100/-	3000/-
	Above 600°C, Per 100°C	110/-	240/-
Differential Scanning Calorimeter (DSC)	Per sample	1100/-	3000/-
Dynamic Mechanical Analyzer (DMA)	Per sample	1100/-	3000/-
Surface Area and Pore Size Analyzer	Per sample	1100/-	3000/-

Note:

1. In case if the student/scholar enrolled at the University of Peshawar is not funded by a national/international agency and he/she pays from his/her own source, 40% waive off is allowed.
2. All previous notifications regarding analytical rates are replaced.



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