



डा. बी आर अम्बेदकर राष्ट्रीय प्रौद्योगिकी संस्थान, जालंधर

Dr. B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR

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(An Institution of National Importance)

भौतिकी विभाग

DEPARTMENT OF PHYSICS

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Subject: Analytical Service Charges for use of Sophisticated Instrument Facility in the Radiation Monitoring and Assessment Lab, Department of Physics.

As Per the approval of the competent authority, the following analytical service charges for use of sophisticated instrument facility in the Radiation Monitoring and Assessment Lab, Department of Physics are approved to extend the services to various Academic Departments of this Institute, Academic, Research organizations and Industry.

SI No	Name of the Instrument	Description of Job	Client Type	Total Charges (in Rupees) per sample (Excluding taxes)
01	Fully Computer controlled Optical double beam Atomic Absorption Spectrophotometer (AAS) system with Flame, Hydride Vapor generator and Graphite Furnace, Automatic Dilution System	Use of AAS for the elemental analysis (Pb, As, Cd, Cr, Co, Cu, Mn, Hg, Ni, Zn, Fe, Mg, Mo etc.) in aqueous samples	Industry	1000 (per element/sample) + Sample preparation: 500/- extra per sample
			Other Educational Institutes/Research Institutes	500 (per element/sample) + Sample preparation: 500/- extra per sample
			NIT Jalandhar	250 (per element/sample) + Sample preparation: 150/- extra per sample
02	Multi parameter Portable Meter for Chemical Analysis of Water	pH/mV/ Ion/ Conductivity/ TDS/ Resistivity/ Salinity/ Dissolved oxygen/ Temperature measurement etc	Industry	500 per parameter + Sample preparation: 100/- extra
			Other Educational Institutes/Research Institutes	250 per parameter + Sample preparation: 100/- extra
			NIT Jalandhar	100 per parameter + Sample preparation: 100/- extra
03	LED Fluorimeter	Measurement of Uranium analysis in water samples with dynamic range of 0.1 – 1000 ppb (0.1 - 1000 microgram per litre).	Industry	1000 per sample + Sample preparation: 100/- extra
			Other Educational Institutes/Research Institutes	500 per sample + Sample preparation: 100/- extra
			NIT Jalandhar	200 per sample + Sample preparation: 100/- extra
04	Gamma Ray Spectrometer	Measurement of Uranium, Thorium, Radium, Potassium in soil samples	Industry	500 per parameter + Sample preparation: 500/- extra
			Other Educational Institutes/Research Institutes	250 per parameter + Sample preparation: 500/- extra
			NIT Jalandhar	200 per parameter + Sample preparation: 200/- extra
05	RAD7 RADON DETECTOR Real-time Continuous Radon Monitor with Spectral Analysis	Measurement of Radon/Thoron in air/water/soil	Industry	500 per parameter/ per medium + Sample preparation: 300/- extra
			Other Educational Institutes/Research Institutes	250 per parameter/ per medium + Sample preparation: 300/- extra
			NIT Jalandhar	200 per parameter/ per medium + Sample preparation: 100/- extra

Note: The consultancy/ revenue generated from the above mentioned facilities will be disbursed as per the institute norms. The Research Scholars enrolled in the Environmental Monitoring and Assessment Lab for PhD/MSc and registered at NIT Jalandhar will be exempted from paying any charges.

(Dr Rohit Mehra)
Faculty Coordinator
Environmental Monitoring and Assessment Lab,
Department of Physics