

National Institute of Technology, Raipur

Department of Physics

Charges for Testing and Consultancy

(W.E.F. 22/04/2024)

S. No.	Service Description (Operational features)	Testing charges for students (UG, PG & Ph.D.), faculty and staff of NIT Raipur	Testing charges for students (UG, PG & Ph.D.), faculty, project fellows and staff of other academic Institution / Funded Projects of NITRR	Testing charges for Industries/R&D Laboratories
High Temperature Furnace				
1	Powder Sample (Max 4 samples)	250/- per slot	700/- per slot	1300/- per slot
2	Pellet sample (Max 4 samples)	250/- per slot	700/- per slot	1300/- per slot
3	Other Sample (Max 4 samples)	250/- per slot	700/- per slot	1300/- per slot
Density Measurement				
1	Solid Sample (Max 4 sample)	150/- per sample	600/- per sample	1200/- per sample
2	Other Sample (Max 4 sample)	150/- per sample	600/- per sample	1200/- per sample
FTIR Spectrometer				
1	KBr Pellet preparation	100/- per sample	200/- per sample	200/- per sample
2	Powder Sample With KBr (Maximum No of samples: 5)	250/- per sample	600/- per sample	1200/- per sample
3	Liquid Sample With KBr (Maximum No of samples: 5)	250/- per sample	600/- per sample	1200/- per sample
4	Thin Film, Polymer, Film Coating (Maximum No of samples: 5)	250/- per sample	600/- per sample	1200/- per sample
5	Any powder sample (510-4000 cm^{-1})	200/- per sample	500/- per sample	1000/- per sample
UV-VIS Spectrophotometer				
1	Glass Film (Max 5 films)	150/- per sample	600/- per sample	1200/- per sample
2	Liquid sample (Max.5 samples)	250/- per sample	600/- per sample	1200/- per sample
3	Film Coating, Polymer (Max. 5 samples)	250/- per sample	600/- per sample	1200/- per sample
Spectrofluorophotometer				
1	Glass film (Max. 4 samples)	150/- per sample	600/- per sample	1200/- per sample
2	Liquid, Powder, Polymer, Other (Max. 4 samples)	250/- per sample	1200/- per sample	2500/- per sample
Raman Spectrometer				
1	Phosphor material (Max. 5 samples) (Powder, Film, Solid, Other)	150/- per sample	600/- per sample	1200/- per sample
2	Inorganic Compound (Max 4 samples) (Powder, Film, Solid, Other)	250/- per sample	600/- per sample	1200/- per sample

TLD Reader/OSL Reader				
1	Powder Sample (Max 5 samples, only one Temperature Profile per sample)	150/- per sample	600/- per sample	1200/- per sample
2	Pellet sample (10mm, 13mm) (Max 5 samples, only one Temperature Profile per sample)	150/- per sample	600/- per sample	1200/- per sample
Chroma Meter				
1	Real time Light Intensity (Max. 5 samples)	250/- per sample	600/- per sample	1200/- per sample
2	Colour Surface (Max. 5 samples)	250/- per sample	600/- per sample	1200/- per sample
AAA Solar Simulator				
1	I-V Characteristics of a Solar Cell (Max. 4 samples)	250/- per sample	600/- per sample	1200/- per sample
LCR Meter				
1	Pellet Sample (diameter 10mm, Max 2) (Max. 5 samples)	250/- per sample	600/- per sample	1200/- per sample
Film Deposition Through Chemical Bath Deposition (CBD)				
1	Glass Film Coating (max 6 samples)	200/- per slot	500/- per slot	1000/- per slot
Digital Oven/Vacuum Oven				
1	Powder Sample (Max. 4 samples, 6 hour)	100/- per slot	300/- per slot	600/- per slot
2	Pellet sample (Max. 4 Samples, 6 hour)	100/- per slot	300/- per slot	600/- per slot
3	Other Samples (Max. 4 samples, 6 hour)	100/- per slot	300/- per slot	600/- per slot
Microwave Synthesizer				
1	Any Liquid Sample	200/- per sample	500/- per sample	1000/- per sample
Spin Coater				
1	Film/Electrode Deposition	200/- per sample	500/- per sample	1000/- per sample
Centrifuge				
1	Liquid Samples (maximum 06 sample in one slot)	100/- per sample	300/- per sample	500/- per sample
Glove Box				
1	Sample Preparation (Without any gas)	100/- per hour	300/- per hour	500/- per hour
Thickness Measurement				
1	Thickness of Plastic sheet	200/- per sample	500/- per sample	1000/- per sample
Verification of length and breadth				
1	Verification of length & breadth of Plastic bags	200/- per sample	500/- per sample	1000/- per sample

Measurement of Strength of sealing				
1	Measurement of Strength of sealing of Plastic bags	200/- per sample	500/- per sample	1000/- per sample
Coefficient of Thermal Conductivity				
1	Coefficient of Thermal Conductivity (K value) of a specimen	200/- per sample	500/- per sample	1000/- per sample
Density Measurement				
1	Density Measurement of a specimen (Max. 5 samples)	200/- per sample	500/- per sample	1000/- per sample
Transmission Measurement				
1	Measurement of transmission coefficient of FRP sheet (Max. 5 samples)	200/- per sample	500/- per sample	1000/- per sample
Tolerance Test				
1	Measurement of Tolerance of plastic bags (Max. 5 samples)	200/- per sample	500/- per sample	1000/- per sample

Note: (i) All the above charges are exclusive of GST@18%.

(ii) Samples for testing should be submitted to HOD Physics, NIT Raipur.

(iii) Testing charges can be paid in the following two ways.

(a) A demand draft (DD) in favour of **“Director NIT Raipur”** that should be submitted to the Head, Department of Physics, NIT Raipur, Raipur – 492010 (C.G).

(b) Payment can be made online also. The details are as follows. The applicant will be required to produce the receipt of online payment.

Account Name: Director NIT Raipur

Account Number: 38027633250

Bank Name: State Bank of India

Bank Branch: NIT Branch

Bank Address: G.E. Road, Raipur - 492010

Type of Account: Savings Account

IFSC Code: SBIN0002852

Swift Code: SBININBB646

MICR Code of Bank: 492002004

HOD