

**Guide lines to submit the samples**

The samples should be submitted in the prescribed analysis requisition form indicating the information called for as well as your special requirement, if any.

**Please send the samples along with requisition form and address the same to:**

The Head,  
ICP Section,  
CSIR-Central Electrochemical Research Institute (CECRI),  
KARAIKUDI - 630 006.

**Step-1** Only on receipt of the analysis requisition form available in **Table -1** along with the samples. They will be registered for analysis and taken up for measurement **as per the seniority/queue of the users** of the instrument concerned.

**Step-2** As soon as the analysis is over, ICP section will contact the user either by Phone or mail for payment.

**Step-3** **Mode of Payment**

Payments are to be made only by crossed demand draft (DD).

The DD must be drawn in favour of:

❖ **The DIRECTOR, CECRI, KARAIKUDI**  
Payable at KARAIKUDI in any nationalized bank and must be sent to:

The Head,  
ICP Section, CSIR-CECRI,  
Karaikudi - 630 006.

**Step-4** The results/spectra will be sent to the users on receipt of Demand Draft (DD).

❖ **Advance DD will not be entertained.**

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- ❖ Please note that in the event the DD amount/payment received is more than the actual analyses charges incurred, it will NOT be possible to refund the excess amount paid
- ❖ While submitting samples for more than one analysis separate samples are to be sent for each facility.

## ICP Section Contact Details

Shri N.Karunanithi,

Sr.Technical Officer

ICP Section.

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## *Analysis charges per sample for the Central Instrumentation Facilities effect from 01-07-2017*

S No.	Name of the Facility	Charges in INR		
		For Industries	For R&D labs	[CONCESSIONAL] For Academic Institutions / CSIR Las
1.	UV-VIS-NIR Spectrometer			
	Liquid	1600	800	400
	Solid	1600	800	400
2.	Fluorescence Spectrometer / Photo luminescence	1600	800	400
3.	FT-IT Spectrometer	1600	800	400
4.	FT-RAMAN Spectrometer	3200	1600	800
5.	Laser Raman Spectrometer	3200	1600	800
6.	Scanning Electron Microscope			
	SEM image	4000	2000	1000
	EDAX	3200	1600	800
7.	Field Emission Scanning Electron Microscope			
	Image	6400	3200	1600
	EDAX	4000	2000	1000

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8.	Atomic Force Microscope	10400	5200	2600
9.	Confocal Laser Scanning Microscope	4000	2000	1000
10.	Metallurgical Microscope	1600	800	400
11.	Transmission Electron Microscope			
	TEM image	20800	10400	5200
	EDAX	5200	2600	1300
12.	High Resolution Transmission Electron Microscope			
	HRTEM image	22000	11000	5500
	EDAX	12000	6000	3000
13.	X-ray Diffractometer			
	Normal Scan	2000	1000	500
	Slow Scan	5200	2600	1300
	Thin Film	5200	2600	1300
	High Temperature	8000	4000	2000
14.	2D XRD Charges	8000	4000	2000
15.	SAXS(Small/Low Angle XRD)	16000	8000	4000
16.	X-ray Fluorescence Spectrometer	3200	1600	800
17.	X-ray Photoelectron Spectroscopy(XPS/ESCA)	18400	9200	4600
18.	Nuclear Magnetic Resonance Spectrometer			
	Proton NMR / <sup>1</sup> H	3600	1800	900
	<sup>31</sup> P / <sup>29</sup> Si / <sup>27</sup> Al / <sup>23</sup> Na + other nuclei NMR	3600	1800	900
	<sup>13</sup> C NMR	4800	2400	1200
	<sup>19</sup> F NMR	4800	2400	1200
	<sup>1</sup> D NMR	4800	2400	1200
	<sup>2</sup> D NMR	8000	4000	2000
	Solid Mode NMR	6000	3000	1500
19.	EPR / ESR Spectrometer			
	ESR at Room Temperature	3200	1600	800
	ESR at Liquid Nitrogen Temperature	16800	8400	4200
20.	Simultaneous TG / DTA	6400	3200	1600
21.	TMDSC	6400	3200	1600
22.	Gas Chromatography	3200	1600	800
23.	GC-MS Spectrometer	5200	2600	1300
24.	GEL Permeation Chromatograph / High Performance Liquid Chromatography	4000	2000	1000
25.	LC-MS / MS			
	MS-MS (only) with APCI or ESI	4000	2000	1000
	LC-MS-MS(without Solvent)	6000	3000	1500
26.	Elemental Analyser			
	CHN	2400	1200	600

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	CHNS	4000	2000	1000
27.	Atomic Absorption Spectrometer			
	AAS - ppm level	800	400	200
	AAS - PPB level	4000	2000	1000
28.	Particle Size Analyser	1600	800	400
29.	Mercury Intrusion Porosimeter	3200	1600	800
30.	Micro-hardness tester	2000	1000	500
31.	Physical Property Measurement System	6000	3000	1500
32.	Zeta Potential	10000	5000	2500
33.	Cyclic Voltammetry	2800	1400	700
34.	Impedance Analysis	2800	1400	700
35.	Surface Area	6000	3000	1500
36.	Ion Chromatography	2000	1000	500

**\*Note: GST 18% will be charged from the user additionally**

**\*The analytical data/spectra are provided only for research/development purposes. These can not be used as certificates in legal disputes.**

**\*Please go through the technical details provided in the brochure carefully before submitting the sample**