

OFFICE OF THE REGISTRAR
JAMIA HAMDARD
 (Deemed to be University)
 Hamdard Nagar, New Delhi-110062

No.: AS/CIF-TEM/JH-1/2022
 17th May, 2022

CIRCULAR

The Central Instrumentation Facility (CIF), SPER was established with a vision to provide advance research facilities to all researchers within and outside University. The CIF was inaugurated on July 24, 2002. It has a variety of sophisticated analytical instruments including many state of the art instruments. This facility has been created to provide a centralized facility for all fields including Pharmaceutical, Physical, Biological, Allied and Interdisciplinary sciences. This facility fulfills the need by providing advanced analytical research to all academic research institutes & private industries/ companies. Some of major instruments in CIF include CRYO - TEM, LC- MS/MS, LC-MS, NMR, DSC, HPTLC, FT-IR, UV-VIS Spectrophotometer, Elemental Analyzer, Texture Analyzer.

The Vice-Chancellor has accorded approval to the following charges for use of equipments at CIF/TEM as under:

SN.	Equipment	Usage Charges		
		For JH users	For other academic institutes	Industries/private laboratories
1.	DSC(PerkinElmer, Pyris-6)	Rs.300/-per sample	Rs. 500/- per sample	Rs.1000/-per sample
2.	UV-VIS Spectrophotometer(Shimadzu,UV-1601)	Rs. 200/- per sample	Rs. 200/- per sample	Rs. 700/- per sample
3.	LC-MS/MS (Waters,XevoTQD)* IntactMass/MW determination:	Rs. 400/- per sample	Rs. 800/- per sample	Rs. 1500/- per sample
	LC-MS/MS (Waters,XevoTQD)* MS/MS analysis(Qualitative)	Rs. 600/- per sample	Rs. 2000/- per sample	Rs. 4000/- per sample
	LC-MS/MS (Waters,XevoTQD)* UPLC-MS/MS analysis (Qualitative)	Rs. 1500/- per Precursorion	Rs. 5,000/- per Precursorion	Rs. 10,000/- per Precursorion
	LC-MS/MS (Waters,XevoTQD)* MS/MS analysis	Rs. 300/- per Precursorion	Rs.600/-per Precursorion	Rs. 1500/- per Precursorion

4.	¹H NMR (BrukerAvance,400MHz)	Rs.200/-per sample. Note: Solvent Charge ExtraD ₂ O/DMSO-D ₆ -Rs100/-; Acetone : Rs 400/-; MethanolD ₄ :Rs200/-	Rs.350/-per sample. Note: Solvent Charge Extra D ₂ O/DMSO-D ₆ -Rs100/-; Acetone : Rs 400/-; Methanol D ₄ : Rs200/-	750/- per sample. Note: Solvent Charge Extra D ₂ O/DMSO-D ₆ -Rs100/-; Acetone: Rs400/-; Methanol D ₄ : Rs200/-
	¹³CandDEPT	Rs.300/- per sample. Note: Solvent Charge ExtraD ₂ O/DMSO-D ₆ -Rs100/-; Acetone:Rs 400/-; Methanol D ₄ :Rs200/-	Rs.500/-per sample. Note: Solvent Charge Extra D ₂ O/DMSO-D ₆ -Rs100/-; Acetone : Rs 400/-; Methanol D ₄ : Rs200/-	1200/- per sample. Note: Solvent Charge Extra D ₂ O/DMSO-D ₆ -Rs100/-; Acetone: Rs400/-; Methanol D ₄ : Rs200/-
	2DExperiment	Rs.500/-per sample. Note: Solvent Charge Extra D ₂ O/DMSO-D ₆ -Rs100/-; Acetone:Rs 400/-; Methanol D ₄ :Rs200/-	Rs.1000/- per sample. Note: Solvent Charge Extra D ₂ O/DMSO-D ₆ -Rs100/-; Acetone:Rs 400/-; Methanol D ₄ : Rs200/-	2000/-per sample. Note: Solvent Charge Extra D ₂ O/DMSO-D ₆ -Rs100/-; Acetone: Rs400/-; Methanol D ₄ : Rs200/-
5.	FTIR(Shimadzu,IRAffinity)	Rs. 250/- per sample	Rs.250/- per sample.	Rs. 750/- per sample
6.	LC-MS (Shimadzu,2020)For Direct Mass	Rs. 500/- per sample (without method development)	Rs.800/-per sample (without method development)	Rs.1500/-per sample (without method development)
7.	CRYO-TEM (ThermoScientific,TALOSL120CG2) Sample preparation for non-Biological / nanoparticle	Rs. 400/- per sample	Rs. 800/- per sample	Rs. 1500/- per sample
	CRYO-TEM (ThermoScientific,TALOSL120CG2) TEM Viewing per sample (Max. no of images-10)	Rs. 400/- per sample	Rs. 800/- per sample	Rs.2000/-per sample

	CRYO-TEM (ThermoScientific,TA LOSL120CG2)Cost per image thereafter	Rs.40/-	Rs.80/-	Rs.150/-
	CRYO-TEM (Thermo Scientific, TALOSL 120CG2) EDX	Rs. 300/- per sample	Rs. 600/- per sample	Rs. 1000/- per sample
8.	Texture Analyzer (Stable Micro systems, TA.XTPLUS)	Rs. 200/- per sample	Rs300/- per sample	Rs 800/- per sample
9.	Elisa Reader (ElectronicCorp. India Ltd.,MS5608A)	Rs. 300/-per plate	Rs 500/- per plate	Rs 1000/-per plate
10.	HPTLC (Camag,TLC Scanner3,Linomat5)	Rs. 400/- per sample	Rs. 800/- per sample	Rs. 1500/-per sample
11.	Elemental Analyzer (Elementar, Unicube) Carbon, Hydrogen, Nitrogen & Sulphur	Rs. 200/- per sample	Rs. 300/- per sample	Rs. 600/- per sample

**Specific biochemical, consumable, plastic/glassware has to be brought by users.*

The above charges will be implemented / levied w.e.f 1st June, 2022.

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REGISTRAR

Copy to:

- All Deans of Schools
- All HoDs/Directors/Principal
- All Faculty Members, Jamia Hamdard
- All Research Scholars, Jamia Hamdard
- All UG/PG students from SCLS, SPER, SIST, SNSAH, SUMER, HIMSR
- Finance Officer
- Director, IQAC
- Advisor (Research)
- University Librarian, HMS Central Library
- FSA
- Prof. Asif Husain, In-charge, CIF, SPER
- In-Charge / Member-Convener, JH Web-Cell
- A.R. / Secretary to Vice-Chancellor
- P.A. to Registrar
- Guard File


(S.S. Akhtar)
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