



**BOSE INSTITUTE  
KOLKATA**

**ORDER**

R/ 854 /2023

Date: 12.07.2023

The Director, Bose Institute is pleased to approve following rate chart for using the NMR and all the Instruments at CIF:

**Rate chart of equipment, Central Instruments facility, Bose Institute**

EQUIPMENT		RATE FOR ACADEMIC INSTITUTE (Rs)	RATE FOR INDUSTRIES (Rs)
MALDI TOF /TOF (BRUKER)		MS 1000/ SAMPLE	MS 2000/ SAMPLE
		MS MS 2000/ SAMPLE	MS MS 2000/ SAMPLE
LC –ESI-MS/MS (WATERS)		ESI MS DIRECT INFUSION 1500/SAMPLE	ESI MS DIRECT INFUSION 3000/SAMPLE
		LC ESI MS/MS THROUGH COLUMN 4000/ SAMPLE	LC ESI MS/MS THROUGH COLUMN 8000/ SAMPLE
DNA SEQUENCER MODEL 3500 XL & 3130 XL (INVITROGEN)		600/ SAMPLE 200/SAMPLE (RR MIX NOT PROVIDED)	600/sample 200/SAMPLE (RR MIX NOT PROVIDED)
NGS ION S5 (THERMO FISCHER)		NO REAGENTS ONLY RUN ION 520 CHIP: RS 4000	NO REAGENTS ONLY RUN ION 520 CHIP: RS 6000
		ION 530 CHIP: RS 6000	ION 530 CHIP: RS 8000
		ION 540CHIP: RS 8000	ION 540CHIP: RS 10000
GCMS (THERMO FISHER)		2000/SAMPLE	5000/SAMPLE
FACS VERSE (BD)		3000/HR	5000/HR
LIQUID SCINTILLATION COUNTER (PERKIN ELMAR)		500 per run	1000 per run
Fluorescence spectrophotometer (HITACHI)		250/HR	500/HR
Gel doc XR + Versa (BIO RAD)		100/GEL	200/GEL
HPLC (SHIMADZU)		500/SAMPLE	1000/SAMPLE
FPLC(GE)		1000/DAY	2000/DAY
NMR (500 MHZ) (Bruker)	1H WITHOUT WATER SUPPRESSION	500/ SAMPLE	1000/ SAMPLE
	1H WITH WATER SUPPRESSION	1000/SAMPLE	2000/SAMPLE
	13C/DEPT/OTHER NUCLEI PER HOUR	600/SAMPLE	1200/SAMPLE
	ALL 2D EXPERIMENTS /HR	600/SAMPLE	1200/SAMPLE

EQUIPMENT		RATE FOR ACADEMIC INSTITUTE (RS)	RATE FOR INDUSTRIES (RS)
NMR (700 MHZ)  (Bruker)	1H	1000/-	2000/-
	13C/DEPT/OTHER NUCLEI PER HR	1200/-	2400/-
	ALL 2D EXPERIMENTS/HR	1200/-	2400/-
	ALL 3D EXPERIMENTS /HR	1500/-	3000/-
CD Spectra (Jasco)		1000/- HR	2000/- HR
Confocal Microscope (Leica)		2500/ sample	4000/sample
SEM		1000/ per sample Gold coating 200 Edax 1000	2000/ per sample Gold coating 400 Edax 2000
AAS		Standard (each metal) 300/- Sample (each)100/-	Standard (each metal) 600/- Sample (each)200/-
Peptide Synthesizer		0.05 nmol scale :Rs 2500 (minimum residues), Rs 500 per residue upto 15 residues). Rs 700/ per residue (beyond first 15 residues). Plus Rs 750 (for resin). HPLC purification will cost more	
FTIR		Rs 200/ per sample	RS400 / SAMPLE
XRD (RIGAKU)		RS 5000/DAY	10000/DAY
ITC (TA)		2000/ per hour	2000/ per hour
Raman Spectra		500/ per sample for half hour	1000/ per sample for half hour
Phosphorimager (Cytiva)		300/RUN	300/RUN
Spectrophotometer (Agilent Technologies)		100/Hour	200/hour
DLS		Rs 200/hr	Rs 400/Hr
Seahorse Real time Cell Metabolic Analysis 8 Channel(Agilent Technologies)		RS 1000/RUN No consumables	RS 2000/RUN No consumables
RT-PCR		600/plate	1200/plate

18% GST will be applicable along with the aforesaid charges.

The rates will come into effect from the date of this order.

SD/-

**(Prof. Rajarshi Ray)**  
**Registrar (Officiating)**