

Sl.NO	Facility	Experiment	Industries	R&D, Educational Institutions
NMR Spectroscopy				
1.	Bruker Av-III HD (BBFO) 400 MHz FT-NMR spectrometer per sample, for each half an hour or less (Additional charges of Rs. 200/- will be charged for solvents other than CDCl ₃ and D ₂ O)	¹ H, ¹⁹ F, ³¹ P, ²⁷ Al, ¹¹ B (5-10 mg of compound)	2000	300
		DEPT & ¹³ C (25-30 mg of compound)*	2000	300
		2D: ¹ H- ¹ H Homonuclear & Heteronuclear	2000 [§]	300 [§]
		⁷⁷ Se, ¹²⁵ Te, ⁹⁵ Mo, ²⁹ Si	2000	500
		VT – HT	2000	300
		VT – LT	2000	400
2.	Bruker Av-III HD (TXI) 500 MHz FT-NMR spectrometer per sample, for each half an hour or less (Additional charges of Rs. 200/- will be charged for solvents other than CDCl ₃ and D ₂ O)	¹ H, ¹⁹ F & (5-10 mg of compound)*	2250	450
		DEPT & ¹³ C (25-30 mg of compound)*	2250	450
		VT – HT	2250	450
		VT – LT	2250	550
3.	Agilent DD2-700 MHz FT-NMR spectrometer (HCN Cold probe)	<ul style="list-style-type: none"> Charges for routine analysis are as per DST rates and the rates are available in www.saiflucknow.org; however, for all multi nuclear and multi-dimensional experiments please contact Dr. Ravi S. Ampapathi (ravi_sa@cdri.res.in) 		
4	Bruker Av-II 400 MHz FT-NMR spectrometer	<ul style="list-style-type: none"> Charges for routine analysis are as per DST rates and the rates are available in saiflucknow.org; For queries please contact Dr. Sanjeev K. Shukla (skshukla@cdri.res.in) 		
5.	Bruker Av-III HD 300 MHz FT-NMR spectrometer	<ul style="list-style-type: none"> Charges for routine analysis are as per DST rates and the rates are available in saiflucknow.org; For queries please contact Dr. Sanjeev K. Shukla (skshukla@cdri.res.in) 		
6.	Bruker Av-II 300 MHz FT-NMR spectrometer (QNP) per sample, for each half an hour or less (Additional charges of Rs. 200/- will be charged for solvents other than CDCl ₃ and D ₂ O)	¹ H, ¹⁹ F, ³¹ P,	2000	300
		DEPT & ¹³ C (25-30 mg of compound)	2000	300
		2D: ¹ H- ¹ H Homonuclear & Heteronuclear	2000 [§]	300 [§]
		VT – HT	2000	300
		VT – LT	2000	400

*Please note that for ¹³C and DEPT the sample as mentioned amounts are necessary and the entire amount of sample needed to be soluble in 500-600 µL of suitable deuterated solvents. If not then the final rates will depend on the actual acquisition timings.

[§] Final prices for the two-dimensional spectra may vary depending on the acquisition times.

An additional amount of Rs. 200 will be charged for solvents other than CDCl₃ & D₂O.