

List of Equipments – Department of NMR (2023-2028)

S.No	Equipments	Qty	Unit cost	Total cost (INR)
22.	Clinical microscope with photography option	01	10,00,000	10,00,000
23.	Ice flaking machine	01	5,00,000	5,00,000
24.	Four Channel Transmit/Receive array for Biospec animal MRI	01	2,30,00,000	2,30,00,000
25.	2D gel electrophoresis system	01	7,00,000	7,00,000
26.	Liquid nitrogen cans	03	4,00,000	12,00,000
27.	Air purifiers	05	40,000	2,00,000
28.	MR compatible pediatric ventilators	02	6,00,000	12,00,000
29.	MRI compatible Multi-parametric monitor	01	70,00,000	70,00,000
30.	3D printer	01	9,50,000	9,50,000
31.	Furniture (steel almirahs, chairs, work tables, etc.)		10,00,000	10,00,000
32.	Dry clinical chemistry and electrolyte analyser	01	9,00,000	9,00,000
Phase-II				
33.	9.4 Tesla Animal MR with PET scanner	01	30,00,00,000	30,00,00,000
34.	Absorbance, fluorescence, and luminescence multimode spectrometer	01	7,50,000	7,50,000
35.	Semi-preparative HPLC with PDA and MS detector	01	3,00,00,000	3,00,00,000
36.	3.0 T human MR scanner	01	40,00,00,000	40,00,00,000
37.	Automatic nucleic acid extraction and purification system	01	50,00,000	50,00,000
38.	Rota-mixer	01	30,000	30,000
39.	Indigenous 1.5 T human MR scanner	01	10,00,00,000	10,00,00,000
40.	Fluorescence Activated Cell Sorter	01	3,50,00,000	3,50,00,000
41.	LCMS	01	6,50,00,000	6,50,00,000
42.	900 MHz NMR spectrometer with solid state accessories	01	71,00,00,000	71,00,00,000
43.	Fluorescence and confocal imaging system	01	2,00,00,000	2,00,00,000
44.	Microwave plasma atomic emission spectrometer	01	1,00,00,000	1,00,00,000
45.	MR compatible laryngoscope	01	2,00,000	2,00,000
46.	MR compatible anesthesia system	01	25,00,000	25,00,000

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