

List of equipment/machinery available at CTR&TI, Ranchi

Sl. No.	Name of the Equipment/ Accessory	Year of Purchase	Price
1.	Atomic Absorption Spectrometer	28/06/11	14,56,992.00
2.	Automatic Nitrogen Estimation System with Distillation, Digestion and Titration units	24/08/11	3,71,764.00
3.	Balance Electronic	18/03/05	62,400.00
4.	Gel electrophoresis system, submarine	2006	2,70,374
5.	Ice Flaking Machine	2006	1,72,670
6.	Laminar Air flow (small)	2009	68,400
7.	UV-Transilluminator	2010	62,000
8.	UV-Vis Spectrophotometer	2013	3,53,585
9.	Binocular Microscope with camera	2014	3,04,985
10.	Environmental chamber	2017	2,55,203
11.	Refrigerated Centrifuge	2017	2,45,360
12.	Analytical Balance	2017	78,799
13.	Vertical Autoclave	2017	61,945
14.	Hand Homogenizer	2018	99,960
15.	-20°C Deep Freezer	2018	2,49,375
16.	DSLR Camera	2018	56,700
17.	Refrigerated Centrifuge	2019	6,95,000
18.	Refrigerated Circulating Waterbath	2019	2,65,500
19.	Bacteriological shaking incubator	2019	1,86,000
20.	Real Time PCR with PCR Work Station and 10 kVA online inverter	2020	19,99,998
21.	BOD Incubator	9.11.15	72403
22.	Centrifuge Remi Model-R23	14.10.15	85320.00
23.	Binocular Research 175Phase Contrast	15.3.16	79270.00
24.	Electrophoresis unit	28.5.08	87168
25.	Thermal cycler	9.6.08	253958
26.	-80C deep freezer	9.6.08	313823
27.	Deep freezer -20°C	7.11.09	343670.00
28.	CO2 Incubator	8.3.04	315441.00
29.	Phase Contrast Microscope (with camera 2 noes)	17.3.04	306012.00
30.	Lab Fermentor	17.3.04	712778.00
31.	Microplate Elisa reader with printer	30.3.97	330000.00
32.	Heto freeze Dryer (Top with Accessoreis)	10.9.97	157028.00
33.	Electronic balance	9.7.09	69000
34.	Inverted microscope	28.5.08	412330.00
35.	Refrigerated centrifuge wit two No. Angle	29.7.97	72933.00

	rotor.		
36	Membrane (Mili Pore) Filter	8.8.03	123704.00
37	Incubator Shaker	30.6.11	3656-US\$
38	Microcentrifuge	12.12.11	2791-US \$
39	UltraCentrifuge	7.4.13	1895783
40	Aplex Mini Gel Electrophoresis system Aplex Horizontal Gel electrophoresis System Aplex Universal Power Supply(Protein, RNA, DNa, Electrophoresis (France make) Aplex Western Blot System with accessories Aplex southern Blot System with accessories (Aplex)	4-5-2008, 12-3-2008	4,04,432.0
41	Balance, Electronic	15-7-2005	242,438.0
42	Deep freezer, Heto	21-2-2002	292,555.0
43	Deep Freezer -20°C	22-6-17	97,875
44	Electrophoresis system (2D) with accessories (GE)	14-2-2007	759,013.4
45	Filtration unit laboratory	25-3-2017	57114.0
46	Gel documentation system with data station, software(GE)	14-2-2007	813,058.0
47	Homogenizer (Polytron)	1-8-2006	161,141.0
48	Image Acquisition System complete with camera &UV Tran illuminator Resolution 1.4 million Pixel(GE)	26-3-2008	3,21,588.0
49	Laminar Air flow 2 x 1.5 x 1.5 feet dimension (Local)	12-8-2009	55,631.0
50	Microscope, stereo zoom with Digital camera and Mirolla 35mm SLR Camera (Magnus)	17-3-2004	342,060.0
51	Millipore Water Purification System (Millipore)	27-07-2009	4,29,684.0
52	Polymerase chain reaction machine (Techne)	21-7-2010	274424.0
53	Refrigerated Centrifuge Model Biofuge with accessories (Biofuge)	14-7-2006	7,94,405.0
54	Hermie Make microprocessor controlled table top centrifuge	7-4-2010	206261.0
55	Centrifuge (REMI make)	16-3-2017	29070.0
56	Rotary Evaporator Buchi with accessories (Buchi)	27-7-2005	730,833.0
57	Spectrophotometer UV with Computer "Zenith", Hp inkjet printer and 2KVA voltage stabilizer ECI	16-9-2005	270,960.0

58	Spectrophotometer UV with Computer "printer,cuvettes and 2KVA voltage stabilizer (ECI)	21-1-2014	280916.0
59	Trinocular Research Microscope (03-08-2011	391575.0
60	Water bath Thermostatic and above ambient temp.	24-8-2006 20-1-2006,	241,886.0 +12,750.0
61	SDS PAGE Unit (Bioered)		141308.0
62	Shaking Incubator	18-9-17	290560
63	Kryo Planer (Programme controlled rate freezer system) (Planner)	08-11-2018	14,33,601.70
64	Nano-drop machine set (Nabi Genetics)	2019-20	572650/-