

**Department of Physiology**

**List of Equipments costing Rs. 1 lac and more purchased after 1<sup>st</sup> April 2007:**

S. No.	Name of equipment	Name of Manufacturer	Name of Supplier	Year of Purchase	Cost of Procurement	Recommended Frequency for Maintenance Yearly/H Yearly/ Quarterly/Monthly	Date of last Maintenance	Whether functional or not	If not functional detail of action taken
1.	Upgradation of Imaging Densitometer GS-670	M/s Bio-Rad Australia	M/s Bio-Rad, Gurgaon	2007	580000/-	As required	As yet no maintenance	Functional	-
2.	Polytron Tissue Homogenizer	M/s Kinematica A.G. Switzerland	M/s Micornic Devices, New Delhi	2007	172000/-	As required	As yet no maintenance	Functional	-
3.	ND-1000UV-VIS Spectrophotometer (Nanodrop)	M/s Nanodrop Technologies, U.S.A.	M/s J.H. Bio, New Delhi	2007	445000/-	As required	As yet no maintenance	Functional	-
4.	Highthroughput Genome wide Application work station	M/s Agilent Technologies, Australia	M/s Imperial Life Sciences (P) Ltd.	2007	9870000/-	As required	As yet no maintenance	Functional	-
5.	Deep Freezer -86°C with Servo stabilizer	M/s Thermo Electron Hong King Ltd.	M/s Towa Optics, New Delhi	2008	400000/-	As required	As yet no maintenance	Functional	-
6.	Data Acquisition & Data Analysis System RMS ( 9 Nos.)	M/s Recorders & Medicare System, Chandigarh, India	M/s RMS, Chandigarh	2007	296000/- Each Unit	Yearly and when required	07.07.2012	Functional	-
7.	Telemetric Exercise Test System	M/s Recorders & Medicare System, Chandigarh, India	M/s RMS, Chandigarh	2008	300000/-	As required	As yet no maintenance	Functional	-
8.	Photocopier Machine MP-2000 Le	M/s Microbase Equipment Pvt. Ltd. New Delhi.	M/s Microbase Under DGS & D, R/C	2008	101441/-	Once a month (Under AMC)	18.03.2013	Functional	NA

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9.	Inverted Microscope with motorized live cell imaging along with PC Dual Core with 22" TFT -1, Colour Leser jet Printer-1, UPS 1 KVA -1	M/s Leica Mikrosysteme Vertrieb GmbH, Germany	M/s Lab India Pvt. Ltd., Gurgaon	2009	4940000/-	As required	Within warranty period	Functional	-
10.	Laser Dissecting Microscope with Micromanipulator and cell injector	M/s P.A.L.M. Microlaser Technology, Germany	M/s Carl Zeiss India Pvt. Ltd., New Delhi	2009	7500000/-	As required	Within warranty period	Functional	-
11.	Freezer with Integrated control Co2/O2 Incubator and Bio-safety cabinet	M/s Thermo Electron (Hong Kong) Ltd, Germany	M/s Towa Optics, New Delhi	2009	2898000/-	As required	Within warranty period	Functional	-
12.	'MEDICAD' Polygraph 4 channel	M/s Medicaid System, Chandigarh	M/s Medicaid System, Chandigarh	2009	119000/-	As required	Within warranty period	Functional	-
13.	Up-gradation of Proteomics set up	M/s Bio-Rad pacific Ltd. Hong Kong	M/s Bio-Rad Laboratory, Gurgaon	2009	6136000/-	As required	Within warranty period	Functional	-
14.	Semi Automatic Microtome	M/s Microm International GmbH	M/s Labcon, New Delhi	2009	498560/-	As required	Within warranty period	Functional	-
15.	Refrigerated table top Micro Centrifuge	M/s Hermle Labortechnik GmbH, Germany	M/s Genamate Tech. Pvt. Ltd., New Delhi.	2009	185962/-	As required	Within warranty period	Functional	-
16.	Digital EMG Nerve Conduction and Evoked potential Machine	M/s Recorders & Medicare System, Chandigarh, India	M/s RMS, Chandigarh	2009	364000/-	As required	Oct., 2012	Functional	-

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17.	Semi automated biochemistry analyzer with pH meter	M/s Fortune Biotech, New Delhi	M/s Fortune Biotech, New Delhi	2009	220000/-	As required	Within warranty period	Functional	-
18.	Transcranial Doppler DWL Doppler Box	M/s Compumedics Germany Ltd., Germany	M/s Aerobe Medicare, New Delhi	2009	1016000/-	As required	Within warranty period	Functional	-
19.	Digital EEG Machine Neurowork EEG-36	M/s Sigma Medizin Techlink GmbH, Germany	M/s B.R. Biomedicals, New Delhi.	2009	866000/-	As required	Within warranty period	Functional	-
20.	Software for microscope with Camera C3 & CT3	M/s Jenoptik Laseroptik Systeme GmbH, Germany	M/s Radical Instruments, Ambala Cantt.	2009	312000/-	As required	Within warranty period	Functional	-
21.	Rota-Rod for Mice & Rat	M/s IITC Life Sciences, USA	M/s MARSAP, Mumbai	2009	285000/-	As required	Within warranty period	Functional	-
22.	NIKON Trinocular Advance research Microscope	M/s Nikon Corporation Tokyo, Japan	M/s Towa Optics, New Delhi	2009	814000/-	As required	Within warranty period	Functional	-
23.	Microprocessor Controlled Refrigerated Table Top Micro Centrifuge (Hermle) Z36HK	M/s Hermle Labortechnik GmbH, Germany	M/s Genamate Tech. Pvt. Ltd., New Delhi.	2009	481000/-	As required	Within warranty period	Functional	-
24.	Up-right Pharmaceutical Refrigerator (Cold Lab)	M/s Scimed (Asia) Pvt Ltd., Singapore	M/s Systems & Control New Delhi	2009	197000/-	As required	Within warranty period	Functional	-

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25.	Speed Vac System (Thermofisher) with Computer, printer and UPS 1KVA	Thermo Fisher Scientific, USA	M/s Thermo Electron India Ltd., NODIA	2009	761000/-	As required	Within warranty period	Functional	-
26.	Digital Data Acquisition system (ADInstrument) with computer, printer and 2 KVA UPS	M/s AD Instruments Pty. Ltd., Australia	M/s Synergytech Inc. , Mumbai	2010	1018000/-	As required	Within warranty period	Functional	-
27.	Digital Data Acquisition of Cardio-Respiratory and Metabolic measurement during exercises in human subject (Vacumed) with computer, printer & 2 KVA UPS	M/s Vacumed Division, USA	M/s Indus International, New Delhi	2010	1250000/-	As required	Within warranty period	Functional	-
28.	Digital Camera ProgRes C3 with Compaq computer	M/s Jenoptik Laseroptik Systeme GmbH, Germany	M/s Radical Instrument, Ambala	2010	245475/-	As required	As yet no Maintenance	Functional	-
29.	Double beam UV-VIS Spectrophotometer (ELICO)	M/s ELICO Ltd., New Delhi	M/s ELICO Ltd., New Delhi	2010	178310/-	As required	As yet no Maintenance	Functional	-
30.	Trinoicular Advance Research Microscope with Branded computer and laser printer	M/s Radical Instrument, Ambala	M/s Radical Instrument, Ambala	2010	785315/-	As required	Within warranty period	Functional	-
31.	Real Time PCR CFX 96	M/s Bio-Rad Pacific Limited, Hong Kong	M/s Bio-Rad Laboratory, Gurgaon	2010	1576000/-	As required	Within warranty period	Functional	-
32.	Continuous Finger Blood Pressure Measurement device (Finometer)	M/s ADInstruments Pty Ltd., Australia	M/s Synergytech Inc. , Mumbai	2010	2747000/-	As required	Within warranty period	Functional	-

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33.	Spinal Cord Impactor Device with computer	M/s Rutgers, The State University of New Jersey, USA	M/s Rutgers, The State University of New Jersey, USA	2010	420000/-	Not necessary	As yet no maintenance	Functional	-
34.	Cyrostat Microtome	M/s Microm International GmbH, Germany	M/s Labcon Scientific Instrument, N. Delhi	2010	1110000/-	As required	Within warranty period	Functional	-
35.	Research Binocular Microscopes <b>10 Nos.</b>	M/s Radical Instrument, Ambala	M/s Radical Instrument, Ambala	2010	301810/- For 10 Nos	As required May be early	Within warranty period	Functional	-
36.	Ultrasonicator with Temp. Monitor	M/s Sonics Materials Inc. USA	M/s InKarp Instruments, New Delhi	2010	344000/-	As required	Within warranty period	Functional	-
37.	UV-VIS Spectrophotometer with computer & Printer	M/s Techcomp MACAU	M/s Precision Biotech Instrument, New Delhi	2010	452000/-	As required	Within warranty period	Functional	-
38.	Ice Flaking Machine with voltage stabilizer	M/s NuTek Instrument Pvt Ltd., New Delhi	M/s NuTek Instrument Pvt Ltd., New Delhi	2010	172000/-	As required	Within warranty period	Functional	-
39.	Dual output Nerve & Muscle Stimulator	M/s Astro Med Inc. USA	M/s Intercardio Health Care Technoloiges, New Delhi	2010	390000/-	Not necessary	As yet no maintenance	Functional	
40.	AC Preamplifier ( <b>2 Nos.</b> )	M/s Astro Med Inc. USA	M/s Intercardio Health Care Technoloiges, New Delhi	2010	250000/- For 2 Nos.	Not necessary	A.A.	Functional	

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41.	Upgradation of scanner for molecular biology	M/s Agilent Technologies, Singapore	M/s Agilent Technology. Gurgaon	2010	2126000/-	As required	Within warranty period	Functional	-
42.	iWorx Organ Bath System with computer & 2 KVA UPS	M/s iWorx/C.B. Sciences, USA	M/s MARSAP Mumbai	2011	915000/-	As required	Within warranty period	Functional	-
43.	Radnoti Working Heart system for rats with Computer, Printer and 1 KVA UPS	M/s ADInstruments Pty. Ltd., Australia	M/s Synergytech Inc. , Mumbai	2011	1525000/-	As required	Within warranty period	Functional	-
44.	4 Channel Digital Data Acquisition System (ADInstrument) <b>2 Nos.</b>	M/s ADInstruments Pty. Ltd., Australia	M/s Synergytech Inc. , Mumbai	2011	866000/- For 2 Nos.	As required	Within warranty period	Functional	-
45.	Peristaltic Pump 4 channel	M/s IDEX Healthcare & Sciences Ltd., USA	M/s S.D. FINE, New Delhi	2011	116000/-	As required	Within warranty period	Functional	-
46.	Stereo Zoom Microscope	M/s Radical Instrument, Ambala	M/s Radical Instrument, Ambala	2011	147000/-	As required	Within warranty period	Functional	-
47.	Trinocular Research Microscope with LCD TV. & High Resolution camera Prog CT-5 for above Microscope	M/s Radical Instrument, Ambala	M/s Radical Instrument, Ambala	2011	490000/-	As required	As yet no maintenance	Functional	-
48.	Computerised Ergometer Cycle	M/s B.R. Biomedicals New Delhi	M/s B.R. Biomedicals New Delhi	2011	360000/-	As required	Within warranty period	Functional	-

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49.	Software & Hardware for compatible computer networking system	M/s Podium Infotech Pvt. Ltd., New Delhi	M/s Podium Infotech Pvt. Ltd., New Delhi	2011	252093/-	As required	Within warranty period	Functional	-
50..	Photic Stimulator	M/s Arobe Medicare Pvt. Ltd., New Delhi	M/s Arobe Medicare Pvt. Ltd., New Delhi	2011	150000/-	As required	Within warranty period	Functional	-
51.	Eye Traking System	M/s Biopac Systems Inc., USA	M/s Genetech Marketing & Distribution Pvt. Ltd., new Delhi	2011	836000/-	As required	Within warranty period	Functional	-
52.	Offgel Fraction System	M/s Agilent Technologies, Singapore	M/s Agilent Technology. Gurgaon	2011	1962000/-	As required	Within warranty period	Functional	-
53.	Bioanalyzer for proteomics platform	M/s Agilent Technologies, Singapore	M/s Agilent Technology. Gurgaon	2011	1258000/-	As required	Within warranty period	Functional	-
54.	Leica Automatic Motorized Rotary Microtome	M/s Leica Mikrosysteme Vertrieb GmbH, Germany	M/s Lab India Instruments Pvt. Ltd., Gurgaon	2011	1345000/-	As required	Within warranty period	Functional	-
55.	Magnetic Stimulator (Meg Pro R-100) rTMS	M/s Magventure A/s, Denmark	M/s Arobe Medicare, New Delhi	2011	2865000/-	Not necessary	As yet no maintenance	Functional	-
56.	Upgradation of Hightoughput Proteomics system	M/s Bio-Rad Pacific Limited, Hong Kong	M/s Bio-Rad	2011	3000000/-	As required	Within warranty period	Functional	-

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57.	Body Composition Analyzer with UPS 1 KVA	M/s Avon Corporation Ltd., Mumbai	M/s Avon Corporation Ltd., Mumbai	2012	294000/-	As required	Within warranty period	Functional	-
58.	Integral Water Purification system	M/s Bio-Age, Equipment Services, Mumbai	M/s Bio-Age, Equipment Services, Mumbai	2012	216000/-	As required	Within warranty period	Functional	-
59.	Anthropometer & Stadiometer System	M/s Indus International , New Delhi	M/s Indus International , New Delhi	2012	310000/-	As required	Within warranty period	Functional	-
60.	Spiro Air Pulmonary Function Test System	M/s Medisofts S.A. Belgium	M/s P.K. Morgan, New Dlehi	2011	1922000/-	As required	Within warranty period	Functional	-
61.	Nano Drop ND-2000	M/s Thermo Electron Scientific Instrument LLC, USA	M/s J.H. Bio, New Delhi	2011	550160/-	As required	Within warranty period	Functional	-
62.	Tail Flick Analgesiometer	M/s UGO Basile Srl. Comerio Varese	M/s Semitek Instruments, New Delhi	2011	318725/-	As required	Within warranty period	Functional	-
63.	Lower Body Negative Pressure Device	M/s Weyergan Stfish care A.G. Germany	M/s B..R. Bio Medicals New Delhi	2012	4295000/-	As required	Within warranty period	Functional	-
64.	Cardiovascular Ultrasound Machine	M/s Wipro Healthcare Ltd, singapore	M/s Wipro Health Care, New Delhi	2012	1377000/-	As required	Within warranty period	Functional	-



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65.	Automated Formalin Chamber	M/s Stoelting Co. USA	M/s Genetech Marketing & Distribution Pvt. Ltd., new Delhi	2012	750692/-	N.A.	N.A.	Functional	-
66.	Inverted Motorized Fluorescent Microscopy System with High Resolution Time Lapse Imaging and High Content Analysis	M/s Carl Zeiss Microscopy GmbH, Germany	M/s Carl Zeiss New Delhi	2012	6260000/-	As required	Within warranty period	Functional	-
67.	Brain Oximeter	M/s Suntime Singapore Pte Ltd., Singapore	M/s B.L. Lifesciences Pvt. Ltd., New Delhi	2012	623750/-	As required	Within warranty period	-	Installation awaited
68.	Microdialysate Analyser	M/s Microdialysis Ltd., Greece	M/s MARSAP, Mumbai	2012	3184500/-	As required	Within warranty period	Not Functional	Installation under process and necessary action taken.
69.	Microdialysis Behavioural Chamber	M/s Microdialysis Ltd., Greece	M/s Marsap, Mumbai	2012	1980000/-	As required	Within warranty period	Functional	-
70.	Chemiluminescence Based Gel Documentation Imaging System.	M/s Synoptics Ltd, U.K.	M/s Bio-Digital P Ltd., Gurgaon	2012	888994/-	N.A.	Installed on 01.10.2012	Functional	-
71.	Steeotaxic Equipment	M/s Stoelting CO, USA	M/s Genetech Marketing & Distribution Pvt. Ltd., new Delhi	2012	1036000/-	As required	Within warranty period	Not Functional	Installation under process.

