

Name of Department: MECHANICAL ENGINEERING DEPARTMENT 13-07-2022

Sl. No.	Name of Laboratory	Equipments costing more than Rs. 50,000/- each	Cost (Rs.)
1	AM&MT Lab. Room No. 110B	Electronic UTM HBTU/SP/CSB-ME-P-126/MED/AMMT/1999/UTM/01	382800=00
		Vicker's Hardness Tester (2 Nos.) HBTU/SP/CSB-ME-P-127/MED/AMMT/1999/VHT/02	189200=00
		Torsion Testing Machine HBTU/SP/CSB-ME-P-123/MED/AMMT/1999/TTM/01	141750=00
		Trinocular Metallurgical Microscope HBTU/SP/VOL-II-22-WB-I-105/MED/AMMT/1999/TMM/01	72923=00
2	FM Lab. Old Bay 2	Pelton wheel Turbine Test Rig HBTU/SP/TEQIP-III-26/MED/FM/2019/PTTR/01	88500=00
		Francis Turbine Test Rig HBTU/SP/TEQIP-III-27/MED/FM/2019/FTTR/01	141600=00
3	HT Lab. Room No. 107A	Mechanical Heat Pump HBTU/SP/CSB-ME-P-152/MED/HT/2000/MHP/01	56650=00
		Mini Air-conditioning Tutor HBTU/SP/CSB-ME-P-139/	111925=00

		MED/HT/2000/MACT/01	
4	DOM Lab. Room No. 107B	ACE CNC Lathe Machine HBTU/SP/ Vol-II-163-WB-P-II-49/ MED/DOM/2016/CNC/01	1741828=00
5	CAD Lab. Room No. 208	Computer Systems i7 (25) DELL HBTU/SP/VOL-II-103-WB-II-12/ MED/CAD/2014/DSK/25	13,26,562=00
		Computer Systems i7 (20) HP HBTU/SP/TEQIP-III-82/ MED/CAD/2019/DSK/20	13,31,040=00
		MATLAB HBTU/SP/TEQIP-III-87/ MED/CAD/2019/SFTW	1473378=00
		Creo 2.0 HBTU/SP/VOL-II-102-WB-II-03/ MED/CAD/2013/SFTW/1	739368=00
		EPSON Projector HBTU/SP/VOL-II-102-WB-II-03/ MED/CAD/2019/PRJCTR/2	88000=00
6	EC Lab. Room No. 103A	4 Stroke 4 Cylinder MPFI Engine Test Rig HBTU/SP/VOL-II-27 /MED/EC/2006/4SMPFIETR/1	269830=00
		Single Cylinder 4 Stroke Diesel Engine Computerised Test Rig HBTU/SP/VOL-II-17-WB-I-44 /MED/EC/2005/SC4SDECTR/1	458000=00
		Reciprocating Compressor Test	240800=00

		Rig HBTU/SP/CSB-ME-P-141/ MED/EC/2000/RCTR/01	
7	Manufacturing Science Lab. Room No. 101B	Portable surface roughness tester Model TR-200 HBTU/SP/Vol- II-243/MED/ MFG/ 2019/SRT/01	134786=00
		3 component Quartz force sensor Make Cristel HBTU/SP/TEQIP-III-79/ MED/MFG/2019/QFS/01	1387688=00
		Pulse Power Supply Make Ultrawatt HBTU/SP/ WB- II 167 & V-II- 125/ MED/MFG/2017/PPS/01	99540=00
		Electrochemical Machining Setup HBTU/SP/ WB-P-II-83-84/ MED/ MFG/2016/ECM/01	996300=00
		JKLS Kilogramme Yes machine HBTU/SP/ TEQIP-III-123/MED/ MFG/2021/LATHE/01	498750=00
		ZNC EDM machine HBTU/SP/V-II-71/MED/ MFG /2011/ZNC/01	996292=00
		Projector CASIO (XJ-Vi)model HBTU/SP/WB-II-29/MED/ MFG /2016/CASIO/01	57969=00
		Software : NI Academic Suite	251192=00

		License Lab view Research-One user (Project) HBTU/SP/ V-II/193-194/MED/ MFG/2018/NI LabView/01	
		Hardware NI 9237 - 1 Unit (Project) HBTU/SP/ V-II/193-194/MED/ MFG/2018/NI LabView/01	118519=00
		NI 9234 - 1 Unit (Project) HBTU/SP/ V-II/193-194/MED/ MFG/2018/NI LabView/01	156538=00
		CDAQ-9170 Compact DAQ Chassis (4 Slot USB) - 1 Unit (Project) HBTU/SP/ V-II/193-194/MED/ MFG/2018/NI LabView/01	94942=00
		Pressure Sensor - 1 (Project) HBTU/SP/ V-II/193-194/MED/ MFG/2018/NI LabView/01	84960=00
		Analytical Balance - 1 Unit (Project) HBTU/SP/ V-II/193-194/MED/ MFG/2018/NI LabView/01	55000=00
8	Incubation Lab. Room No. 110A	Cyber power online UPS 5KVA with 60 min. backup HBTU/SP/ V-II-171/MED/ RERP/2020/UPS/01	109988=00
		3D Scanner 630205005305 Model	64900=00

		Sense-RS HBTU/SP/ TEQIP-III-49 / MED /RERP/ 2019/SCANNER/01	
		3D Printer FDM & UV Curable HBTU/SP/ TEQIP-III-74 / MED /RERP/ 2019/3DPRNFDM/01	1640200=00
		Projector CASIO (XJ-Vi)model HBTU/SP/WB-II-29/MED/RERP /2016/CASIO/01	57969=00
9	Measurement & Metrology Lab Room No. 206	Bio-tribometer HBTU/SP/TEQIP-III- 96/MED/MM/2020/BTM/01	3186000=00
		Digital automatic Micro-hardness tester with image analysis software attachment Make: Hardness Testing Aids Model No. - HT-1000AD, Serial No.: 2016 HBTU/SP/TEQIP-III- 96/MED/MM/2020/DAMHT/01	567000=00
10	Equipment lying other than laboratory	Photocopy machine 'CANON' HBTU/SP/ VOL-2-94 / MED / HoD/2014/Photocopier/01	87291=00
		Water purifier cum storage cooler model BRO 60/80/50 HBTU/SP/TEQIP- III-11/MED / Corridor/2019/WaterPurifier/01	117699=00
		Digital Teaching Device Make	244231=00

		Globus HBTU/SP/TEQIP- III-77/MED / ME-1/2019/DTD/01	
		INTERACTIVE Digital Board HBTU/SP/TEQIP- III-10,77/ MED / IDB /2019/IDB/01	118061=00
		Total Cost	1,99,79,969=00