

Manipal Institute of Technology, Manipal

Equipments (Costing more than Rs. 1.00 lakh)

Sl.No	Name of the equipment	Make
CHEMISTRY DEPARTMENT		
	Optical Polarising microscope with hot stage	Kingston Technology(Tiwan)
	FT IR and UV Visible spectrophotometer	Shimadzu
	Gouy Balance	Shimadzu
	Thermal Analyser	Shimadzu
BIOMEDICAL ENGINEERING DEPARTMENT		
	Power Lab 4/25T	ADI Instruments (Australia)
	Image Acquisition Systems	HSK Systems
BIOTECHNOLOGY DEPARTMENT		
	CO2 INCUBATOR	M/S SHELDON MFG. INC., USA
	WATER PURIFICATION SYSTEM, MODEL: ELIX 3	M/S. MILLIPORE S.A.S., FRANCE
	GEL DISCOVERY SYSTEM	M/S. ULTRALUM INC., USA
	POWER ONE MAKE ONLINE UPS (15 KVA) & BATTERY STAND	POWER-ONE MICRO SYSTEMS (P) LTD., BANGALORE
	SUPERSPIN - RV/FM CENTRIFUGE	PLASTO CRAFTS INDUSTRIES (P) LTD.
	SPECTOPHOTOMETER (UV1700)	M/S. SHIMADZU (Asia Pacific) PTE. LTD., SINGAPORE
	ELECTRONIC BALANCE (2+1)	M/S. SHIMADZU (Asia Pacific) PTE. LTD., SINGAPORE
	OPEN AIR PLATFORM SHAKER (2 nos.)	M/S. BARNSTEAD INTERNATIONAL, USA
	TECHNOLAB MAKE LYOPHILIZER (FREEZER DRYER)	TECHLAB INSTRUMENTS CO., CHENNAI
	TECHNOLAB ORBITAL SHAKING INCUBATOR	TECHLAB INSTRUMENTS CO., CHENNAI

	TECHNOLAB VERTICAL ULTRA LOW FREEZER	TECHLAB INSTRUMENTS CO., CHENNAI
	TECHNOLAB MAKE WALK IN CHAMBER	TECHLAB INSTRUMENTS CO., CHENNAI
	"ELTECK" HIGH SPEED REFRIGERATED CENTRIFUGE	ELECTROCRAFT (INDIA) PVT. LTD.
	"ELTECK" HIGH SPEED REFRIGERATED CENTRIFUGE	ELECTROCRAFT (INDIA) PVT. LTD.
	CENTRIFUGE	M/S, EPPENDORF AG, GERMANY
	TRANSENTIAL FLOW FILTRATION UNIT (TFF)	M/S MILLIPORE, FRANCE
	TRINOCULAR MICROSCOPE WITH ADAPTER AN CAMERA	SKIDUKGA LABORATORY EQUIPMENT SUPPLIES, M'LORE
	ER-2005 ELISA PLATE READER MAKE:B4BITALY	SHRI MAHALASA AGENCIES, M'LORE
	HPLC SYSTEM	M/S. SHIMADZU (Asia Pacific) PTE. LTD., SINGAPORE
	FERMENTOR	NEW BRUNSWICK SCIENTIFIC CO., INC., U.S.A.
	MULTIPROCESS TRAINER(326A)	APEX INNOVATIONS PVT. LTD.
	CONTRO VALVE CHARACTERISTICS VALVE POSITIONER MINI COMPRESSOR (HS1) FLOW CONTROL TRAINER (312A) MINI COMPRESSOR (HS1) LEVEL CONTROL TRAINER (313A) MINI COMPRESSOR (HS1) WONDERWARE SOFTWARE	APEX INNOVATIONS PVT. LTD.
I & CT ENGINEERING DEPARTMENT		
	Server (3)	MINICOMP
	Work Stations (15)	MINICOMP
	LCD	HCL Info systems Ltd (Noida)
	Oracle 8I	MINICOMP
	Rational Rose	Micro Academy (I) Pvt Ltd
	Cisco Network Lab	Gemini Communications Ltd- B'lore
CIVIL ENGINEERING DEPARTMENT		
	Compression testing machine	ELE, England
	Universal Testing Machine	AVERY
	Digital Compression Testing Machine	AIMIL
	Creep Rig Tester	AIMIL
Structural Engineering Laboratory		

	Universal Testing Machine	Blue star
	Ultrasonic Concrete tester (TICO)	AIMIL
	Profometer – 5 model scanlog	Proceq Asia
	Corrosion Analysing Instrument	Proceq Asia
	Compression testing machine	Blue Star
Surveying Laboratory		
	Total Station with all accessories (2 nos)	Sokkia
Soil Mechanics Laboratory		
	Static cone Penetrometer	AIMIL
	Universal Triaxial outfit	AIMIL
Environmental Laboratory		
	Analytical balance electronic	
Computer Lab		
	IBM Intellistation Xeon	
	5 KVA UPS System	
ENVIRONMENTAL ENGINEERING (RESEARCH LAB)		
	UV Spectrophotometer	HACH
	Multiparameter (pH, DO, C)	HACH
	Antotitator	METROHM
PHYSICS DEPARTMENT		
	Chilling Plant -Water recirculation	IR TECH
	Laser optics kit with accessories	New Port
	Multi Channel Analyser - 4K system with MCA card and PC	Nucleonix System
	Multi Channel Analyser - 8K system with MCA card with PC and scintillation detector ISD 149 Emulation software type: PCA 1008 PC	Nucleonix System
	X-ray diffraction student grade with PC and Printer hp desk jet 3820	PHYWE system GMBH-Robert-Bosch Breite
	X-ray powder diffraction unit 'RIGAKU'	RIGAKU
PRINTING & MEDIA ENGINEERING DEPARTMENT		
	Repro Camera	M/S Monotype Pvt. Ltd., Bangalore
	Cutting Machine	M/S K.K. Graphics, 636, Poonamallee High Road, Aminjikai, Chennai-29.

	Punching Machine	M/S K.K. Graphics, 636, Poonamallee High Road Aminjikarai, Chennai-29.
	Offset Machine H.M.T. SOM	M/S Manipal Power Press, Manipal.
	2 Color Flexo M/P	M/S Indo-polygraph Machinery Pvt Ltd., Mumbai-59.
	SSP6 Screen Printing Machine	M/S Indo-polygraph Machinery Pvt Ltd., Mumbai-59.
	Plate Processor and Plate Maker	M/S Aartech, 14, Mamta A, Appasaheb, Marathe Marg, Prabhadevi, Bombay-25.
	“Graphica-20” 15 x 20 offset printing Machine with accessories	M/S Graphic India Marketing & Services, 40, Nallanna Street, Royapettah, Chennai-14.
	Autoprint Knight Mini Offset Printing Machine (Kompac Damp) with standard Accessories (S.No. FKN01BDK7290)	M/S Autoprint Machinery Manufactures Pvt.
	Lloyds Ink water emulsification tester	M/s Lloyds Research Foundation Inc, 21502, Sea crest, Bangalore - 61
	Pentium-III	M/S Mini Comp
	Gettag MacBeth Color management equipment and related software	M/S Gettag MacBeth LLCUSA
	Ample Power Mac with related equipment	M/S Ample Ink, USA
	HP Compaq Proliant ML150G2 Server HP Compaq Dx6120	M/S HP
	Stylus Pro4000 Inkjet Printer	M/S HP

	Kodak MatchPrint ProofPro RIP A1/A0 size Rip+HP 5500-Non PS 42 inch width Demo Printer	M/S Kodak Pvt. Ltd.,
ARCHITECTURE DEPARTMENT		
	Wind Tunnel	
	Nikon FM3A SLR Camera with accessories	Nikon
	Linux Automatic Weather Station	Linux
	Cygnnet Sound Acoustics	Cygnnet
	Hot wire Anemometry system	
	Computer HP 4000 Xeon workstation with 1 HP Dat Drive	HP
	Computers - server with Wipro 15" colour monitor	Wipro
	Computers - Intel pentium 4	Wipro
	Computers IBM Zeon II CPU	1 BM
	Del-India Computers	Bell
	UPS System with 20 batteries (10 KVA)	
	Plotter (HP DNJ 500)	HP
	LCD Projector with installation	
	Toshibha LCD Projector TDP TW300 (NPCBAERM Account)	TOSHIBA
	HP Design jet 500 Plus 42" plotter	HP
	LCD Projector Model VT 700	NEC
INSTRUMENTATION & CONTROL ENGINEERING		
	Multi process trainer	Apex Innovations.
	Distributed Control System	V. I. Microsystems
	Flexible Manufacturing System	V. I. Microsystems
	Multifunction calibrator	Magnum Instruments and Electronics
	Siemens PLC with analog module PPI, software and demonstration panel	siemens
MECHANICAL ENGINEERING DEPARTMENT		
	Wear&Friction monitor model -PR201CL.with Accessories	DUCOM Peenya Industrial Area B'lore58

	Electronic Tensometer Model-ER-3 With Attachments	KUDALE Instruments Pvt Ltd.Precision House 98A/17,Hobopsar Industrial Estate-Pune-411013
	Upgradation of Tensometer with accessories model PC2000	KUDALE Instruments Pvt Ltd.Precision House 98A/17,Hobopsar Industrial Estate-Pune-411013
	Abrasive Cut M/C Model MS-10	DUCOM Peenya Industrial Area B'lore58
	em.Power Image Analgser Software [Version V3.0.0.8] 1No CD [ID;M596922657-S VO703]	Metal Power(1)Pvt Ltd C-47 Indl Complex Mittary Road Andheri E Mumbai 400059
	Thermocouple calibration test rig	K.C.Engineers Ambala
	ZEISS Universal horizontal metroscope with accessareis	C.Z instruments PVT Limited, Bombay
	Fizeau Interferometer PIPL Make for Inspection of Flatness Reference Flat;0.03 Microns Software;Static quick fringe Analysis	PRISMS INDIA PRIVATE LIMITED C-92 PIPDIC Industrial Estate PONDICHERRY-605009 Tel(0413)(F)2271289,2277059,42 04060,Fax 2250328
	Measuring Microscope TM510	Mitutoyo South Asia Pvt Ltd C-22 Okhla Industrial area Phase I New Delhi 110 020 Tel;26372090 Fax;26372636

	Auto Collimator LC.0.5Sec 2)LC=0.2Sec 3)LC=1Sec	PRISMS INDIA PRIVATE LIMITED C-92 PIPDIC Industrial Estate PONDICHERRY-605009 Tel(0413)(F)2271289,2277059,42 04060,Fax 2250328
	Filament winding machine, mechanical and electrical type	Sri Ambika Industrees NOFAO
	Journal bearing demonstration test rig	Techno lab Equipment, Bangalore
	Pollution Testing Equipment AVL 437C With Accessories	AVL India Pvt Ltd
	Promark hydraulic trainer	Prominent Marketing India Pvt.Ltd. Bangalor.
	Tecchometers(1988-2004)	Prestige counting instruments (P) Limited Bombay
	Computerised I.C engine test rig	Apex Innovation PVT Limited, Sangli
	Vapour absorption refrigeration system	Educational Equipment Enterprises Pune
	Air conditioning test rig	Technolab Equipments Bangalore
	Exhaust Gas analyser	Techmark Enginers New Delhi
	Engine test setup with Hydraulic Dynamometer (Three cylinder 4 stroke petrol)	Apex Innovation PVT Limited, Sangli
	VCR ICEngineTest rig	TechnoLabEquipments 96- Apushpagiri Nagar,HosakarehalliBSK3rd Stage Bangalore
CHEMICAL ENGINEERING DEPARTMENT		
	Pro Logic Controller	VI Microsystems
	Cascade Control Trainer	Appex Innovations
	Autoclave Accessories Fully Automatic Control including computer	Hitech Engineering
	Circulator Bath CB - 2000	Hitech Engineering
	Multiprocess trainer	Appex Innovations
	Toshiba Projector TDP T91	Toshibha

	Level, flow, temperature, pressure control trainers	IEI, Bangalore
	Pure Water purification system with reservoir	Millipore
	10 KVC online UPS with 20 batteries	Power Pme
	UV Spectroscope	Shimandu, Su
	Air compressor	VI Microsystems
	Autosampler chemito AS70-10 Auto sampler GC	Chemito
	Chemito gas chromatograph	Chemito
	HPCL	Chemito
	Glass Power jacked with S.S. Provision	Chemito
	Panosonic Digital Imaging Photo Copies Machine	Panasonic
	Centrifuge 5420 230/5420 without Rotar Eppendorf	Eppendorf
	Multivariable Trainer	Appex
	Cilas Particle Size Analyser 1064 L No.1050205	Cilas
	Ultrasonic Processor750W & spare parts	Sonics & materials
ELECTRICAL & ELECTRONIC ENGINEERING DEPARTMENT		
	1.6 KVA, 230 V AC drive with motor generator assembly	Integrated Electrics
	DSP Trainer kit with Accessories	VI Microsystems
	4 Channel D.S.O.	Tektronics
	3 phase IPM Power Module with DSP trainer kit and 1HP AC Induction motor	VI Microsystems
	DSP based motor Controller with M.G. set and Encoder	Integrated Electrics
	Integrating Photosphere Inner Diameter 2.3m.	Digital Instruments
	Colorimeter, Chroma meter CL200	Minolta, Japan
	Photo Goniometer	Durga machine tools
	Humidity / Thermal test setup	Digital Instruments
	Rain Proof test setup with all accessories and Attachments	Digital Instruments
	MiPower software	Mi-Power
	PSCad / EMT DC Software	Pscad
	UNI-Insta D.C. Rectifier 3phase D.C. 220V 200A.	Universal Instruments
	Photocopier Machine Thoshiba E Studio 232 ASU with servo stabilizer	Thoshiba
	IBM X Series server with 15" Color Monitor	IBM
	Fluke Meter	Fluke
	FPGA Advantage Software	Mentor Graphics
	XIL Software Demoboard with one Software	Mentor Graphics
	Matlab R2007b*	Mathworks
	Cadence 16*	Orcad