

Research Laboratory

Lab Dimension	1225 Sq.f
Lab Names	Major Equipments/Software
	HCL Computers <ul style="list-style-type: none"> • i 3 Processor, 4 GB RAM, • 2GB Graphic Card, • 500 GB HDD
	DELL Computers <ul style="list-style-type: none"> • i 5 Processor, 2 GB RAM, • 1GB Graphic Card, • 1 GB HDD
Clinical Instrumentation lab	Bio Kits and Accessories
Signal Processing Lab	TMS320C6713 DSP Processors
Medical Image processing Lab	TMS320DM6437 Processors

Name of the Equipment	Requirement as per AICTE / University
Bio kit data Acquisition software & accessories 1. Amplifier unit a) ECG b) EEG c) PCG d) PULS e) RESP f) EOP 2. Electrodes & solutions 3. Operating manuals & mains	01 No
Bio Kits And Accessories 1. ECG System with Arrthmia Simulator 2. EEG System with EEG Simulator 3. EMG Bio Feedback System 4. PCG System with PCG Simulator 5. Blood Presser Measurement 6. Temperature Measurement System 7. 10 Channel Data Acquisition System	01 No
HCL Desk Top computer, <ul style="list-style-type: none"> ● 19.5“ LED Wide Screen Monitor ● Intel i3 3ghz Processor ● Intel Chipset Motherboard ● 4 GB DDR 3 RAM ● 500 GB SATA HDD ● 4GB NVIDIA Graphic Card 	5 Nos
DELL Desk Top Computer <ul style="list-style-type: none"> ● 19.5” LED Wide Screen Monitor ● Intel Core i5 4460 Processor ● Intel Chipset H81 Motherboard 	20 Nos

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| <ul style="list-style-type: none">• 4 GB DDR3 RAM• 1 TB SATA HDD• 1 GB Redon Graphic Card | |
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