UG LABORATORIES

Lab Name	Investment in Lakhs	Facilities
Graphics and Multimedia lab	33.79	Mac machines -39 Mac-mini - (i5 processor, 2/4/8/16 GB RAM, 250/500 Gb/1 TB HDD, 256/512 GB SSD HDD) – 36 iMac - (M1 processor, 16 GB RAM, 256/512 GB SSD HDD) – 03 (i5 Processor, 4GB RAM, 5GB HDD)-02
Windows Programming Lab	13.85	Server: Xeon Processor, 4*16 GB RAM, 4*300 GB SAS HDD - 01 Desktop: 40 AMD A8 Processor, 8 GB RAM, 500 GB HDD-30 Intel i5 core Processor, 4/8 GB RAM, 500 GB/ 1 TB HDD-10
Software Engineering Lab	13.27	Server: HCL Xeon Processor 3.1GHz, 48 GB RAM, 2*300 GB HDD-01 Desktop: 38 AMD A8 Processor, 8 GB RAM, 500 GB HDD-30 Intel i5 core Processor, 4/8 GB RAM, 500/ 1 TB HDD-8
Microprocessor Lab	11.74	Oscilloscope 30MHZ -11, Microprocessor kits 8086 -40 Microprocessor kits 8085 -13, Microprocessor kits 8051 -29 Desktop - 40 (i3/i5, 4GB RAM, 500 GB HDD – 31), (Intel i5, 8GB RAM, 1 TB HDD – 7), (Intel i7, 8GB RAM, 500 GB HDD – 1), (Intel i5, 16GB RAM, 1TB HDD – 1)
OS & Networking Lab	19.09	Desktop - 40 (i5, 8GB RAM,1TB HDD)
System Programming Lab	11.77	Server: HCL Intel Xeon Processor, 48 GB RAM, 2*300 GB HDD – 01 AMD A10 Processor, 8 GB RAM,1TB HDD - 30 AMD A8 Processor, 8 GB RAM, 500 GB HDD – 06 Intel i7 core Processor, 8 GB RAM, 500 GB HDD-03 Intel i5, 4/8 GB RAM, 500GB/1 TB HDD-03
Digital Lab		AMD A8/A10 PRO, 8GB RAM,1 TB HDD – 8 Intel i5 pro, 4/16 GB, 500/ 512 GB HDD - 22
Web Technology Lab	16.09	Server: HCL Xeon Processor, 16GB RAM, 600 GB HDD -01 Intel i7 core Processor, 8 GB RAM, 500 GB HDD - 24 Intel i5 core Processor, 8 GB RAM, 1 TB HDD - 01 AMD A8 Processor, 8 GB RAM, 500 GB HDD – 14

Java Technology Lab	17.97	Server: Intel Xeon Processor, 48 GB RAM, 2*300 GB HDD – 01 Desktop: 40 AMD A10/A8 Processor, 8 GB RAM, 500 GB/ 1TB HDD – 36 Intel i7 core Processor, 8 GB RAM, 500 GB HDD - 03 Intel i5 core Processor, 4 GB RAM, 500 GB HDD – 01

PG & RESEARCH LABORATORIES

Lab Name	**Investment in Lakhs**	**Facilities**
PG Lab I	14.87	Desktop -40 (i5, 8GB RAM,1TB/500GB HDD- 30, AMD , 4GB RAM, 500GB HDD – 10)
PG Lab II	9.92	Desktop Computer – 39 (i7/i5, 8GB RAM, 16GB HDD), Server – 1 (Intel 5500 Zeon Series,4X4GB RAM, 2X300GB HDD)
IoT		Desktop Computer –6 (i5,AMD A8 pro, 8GB RAM, 500/1 TB HDD)
High Performance Computing Lab	54.94	Intel skylak processor 4*32 GB RAM, 2*2 TB HDD GPU Server with 2 nVIDIA Tesla 32 GB -1 Xeon processor 4*32 GB RAM, 2*240 SSD,3*2 TB HDD, 4 * nVIDIA 11 GB– 1 Xeon processor (16GB/32 GB/64) GB RAM, (240/256/512)GB SSD, (3/2/4)TB HDD, 1 nVIDIA (2/11/ 24/32/64)GB – 7 (Internal funding:34.6 l, External funding:14.04l)
Cognizant Open Source Lab	20.16	IBM Blade Server 20GB RAM,4*300 GB HDD – 1, Intel xeon E3, 16GB RAM, 1 TB HDD-1 (sponsored by AICTE for SIH), GPU Machine (Intel xeon Processor 2*16 GB, 240 SSD, 2 TB HDD, 1 NVIDIA 11GB)-2 (Internal Funding -5.69)
BIRAC Project Lab	12.37	Tower Workstation: Intel core I9,64GB RAM,2 TB HDD NIVIDIA Quadro GP100 16GB Graphics -1 Tower Workstation: Intel core I7, 16GB RAM, I TB – 3 HP Probook 440 G5 Intel core I5, 16GB RAM, 1TB HDD
SDN		Xilinx Kintex 7 FPGA Processor, 1 Gbps Ethernet, 512 MB RAM, 32 bit Microcontroller – 2 (NetFPGA), Intel Xeon E3 1220 V6 3 GHz,16 GB RAM,1 TB HDD Processor with Nvidia Graphic Card