

**SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING, CHENNAI**  
**(An Autonomous Institution Affiliated to Anna University)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**Department Laboratories**

Minimum Batch Size: 25  
Maximum Batch Size : 37

Name of the Lab	Investment in Lakhs	Facilities
Graphics and Multimedia lab	34.12	<b>Mac-mini</b> - (i5/M2 processor, 2/4/8/16 GB RAM, 250/500 Gb/1 TB HDD, 256/512 GB SSD HDD) – 36 <b>iMac</b> - (M1 processor, 16 GB RAM, 256/512 GB SSD HDD) – 03 HCL Desktop : Intel i5 Processor, 4GB RAM, 500 GB HDD - 02
Windows Programming Lab	16.31	<b>Server: Xeon Processor, 4*16 GB RAM, 4*300 GB SAS HDD - 01</b> Desktop: 40 AMD A8 Processor, 16GB RAM, 500GB / 500 GB SSD HDD-30 Intel i5 core Processor, 8/16 GB RAM, 512 GB SSD/ 1 TB HDD-10
Software Engineering Lab	15.86	<b>Server: HCL Xeon Processor 3.1GHz, 48 GB RAM, 2*300 GB HDD-01</b> Desktop: 38 AMD A8 Processor, 16 GB RAM, 500 GB HDD / 500 GB SSD HDD – 30 Intel i5 core Processor, 8/16 GB RAM, 512 SSF/ 1 TB HDD-8
Microprocessor Lab	16.53	<b>Microprocessor kits 8086 - 40</b> <b>Microprocessor kits 8085 - 23</b> <b>Microprocessor kits 8051 – 19</b> Interfacing Boards and Oscilloscopes 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	20.09	<b>Server: Xeon Processor, 4*16 GB RAM, 4*300 GB SAS HDD - 01</b> Desktop - 40 (i5, 8GB RAM, 1TB HDD)

**SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING, CHENNAI**

**(An Autonomous Institution Affiliated to Anna University)**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Department Laboratories**

System Programming Lab	13.31	<b>Server: HCL Intel Xeon Processor, 48 GB RAM, 2*300 GB HDD – 01</b> AMD A8 Processor, 8 GB RAM,500GB / 1TB HDD – 28+3 AMD A10 Processor, 8 GB RAM, 500 GB HDD – 02 Intel i5 core Processor, 8 GB RAM, 1 TB HDD-03 Intel i5, 8/16 GB RAM, 500GB/1 TB HDD-02
Digital Lab	20.95	<b>Digital IC Trainer Kit - 60</b> <b>Digital IC Tester – 1</b> Desktop: HP AMD A10 Processor 3.5GHz, 8 GB RAM,1TB HDD -08 Desktop: HP intel i5 Processor, 16 GB RAM, 512GB SSD HDD -11 Desktop: Dell intel core i5 processor, 4GB RAM, 500GB HDD – 10 Desktop: HCL intel core i5 processor, 4GB RAM, 500GB HDD – 1
Web Technology Lab	16.57	<b>Server: HCL Xeon Processor, 16GB RAM, 600 GB HDD -01</b> 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	19.78	<b>Server: Intel Xeon Processor, 48 GB RAM, 2*300 GB HDD – 01</b> Desktop: 40 AMD A10/A8 Processor, 8 GB RAM, 500 GB/ 1TB HDD – 36 HP Desktop : Intel-i5 Processor 12Gen, 16 GB, 500 GB SSD HDD - 4

**SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING, CHENNAI**  
**(An Autonomous Institution Affiliated to Anna University)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**Department Laboratories**

Size of the batch:18 for PG labs

Name of the Lab	Investment in Lakhs	Facilities
PG Lab I	23.20	Desktop - Intel i5 Processor, 8 GB / 16GB RAM, 1TB HDD/512 GB SSD/500 GB HDD – 40
PG Lab II	18.70	<ul style="list-style-type: none"> <li>•<b>Server – 1 (Intel 5500 Xeon Series,4X4GB RAM, 2X300GB HDD)</b></li> <li>•Desktop Computer – 39 (i7/i5, AMD A8 Processor, 8/16 GB RAM, 500GB/ 1TB HDD),</li> </ul>
High Performance Computing Lab	59.30	<ul style="list-style-type: none"> <li>•<b>Intel skylak processor 4*32 GB RAM, 2*2 TB HDD GPU Server with 2 nVIDIA Tesla 32 GB -1</b></li> <li>•<b>Xeon processor 4*32 GB RAM, 2*240 SSD,3*2 TB HDD, 4 * nVIDIA 11 GB– 1</b></li> <li>• 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)</li> <li>Desktop - 17, Intel Core i5 3.0 GHz, 8 GB RAM DRR4 2666 DIMM, 1TB 3.5 HDD 7200rpm SATA-6G, NVidia GeForce RTX 2060 6GB GC</li> </ul>
Cognizant Open Source Lab	26.39	IBM Blade Server 20GB RAM,4*300 GB HDD – 1 HP Micro tower, Intel Core i5,16 GB DDR4, 512 SSD HDD -19 Intel Xeon E3, 16GB RAM, 1 TB HDD-1 (sponsored by AICTE for

**SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING, CHENNAI**

**(An Autonomous Institution Affiliated to Anna University)**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Department Laboratories**

		SIH) GPU Machine ( Intel Xeon Processor 2*16 GB, 240 SSD, 2 TB HDD, 1 NVIDIA 11GB)-2 (Internal Funding -5.69)
BIRAC Research Lab	13.54	<ul style="list-style-type: none"><li>•Tower Workstation: Intel core I9,64GB RAM,2 TB HDD NVIDIA Quadro GP100 16GB Graphics -1</li><li>•Tower Workstation: Intel core I7, 16GB RAM, 1 TB – 3</li><li>•HP Probook 440 G5 Intel core I5, 16GB RAM, 1TB HDD</li></ul>
Software Defined Network Research Lab	8.31	Xilinx Kintex 7 FPGA Processor, 1 Gbps Ethernet, 512 MB RAM, 32 bit Microcontroller – 2 (NetFPGA)  Zynq-7000 All Programmable SOC ZC706 Evaluation Kit -1  Intel Xeon E3 1220 V6 3 GHz,16 GB RAM,1 TB HDD Processor with Nvidia Graphic Card -1  Lenova P320 Workstation intel Xeon E3- 1220 V6 Processor (8 MB Cache, 3.0 Ghz ), 16 GB DDR4 2400 UDIMM, 1 TB SATA3 Hard drive - 1