

**Details of Computing Facilities with  
Major Equipment, Computers, Software and Printers**

Sr. No.	Particulars	Availability
1.	No. of Computer Terminals	650 (647+3 Servers)
2.	<b>Hardware Specification</b>	
	▪ Intel Core i7	100
	▪ Intel Core i5	497
	▪ Intel Core Xenon	50
	▪ Server	03
	No. of Terminals on LAN/WAN	650
3.	▪ GPU	03
4.	▪ Laptops	09
5.	<b>Relevant Legal Software</b>	See the detailed list attached below
	▪ Application Software	
	▪ System Software	
6.	Printers	<b>Total-41 Laser Printer-33 Laser Printer (All-in-one)-08</b>
7.	LCD Projectors / Touch Smart Board	29/03
8.	UPS 20 KV	01
	UPS 10 KV	05
	UPS 7.5 KV	01
	UPS 5 KV	06
	UPS 4 KV	02
9.	Internet Accessibility (in Kbps & hrs)	100 MBPS Lease Line
Whether the computer facilities are suitable for the existing programmes?		Yes

**Laboratory Facilities:**

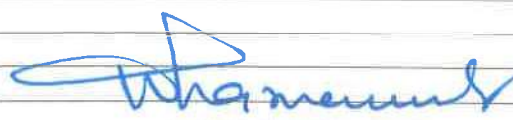
- Personal Computers – The Institute has total 650 PCs. The details of different configurations are given below:

Sr. No.	Configuration	Quantity
1	Intel i7, 9 <sup>th</sup> Gen PC 16 GB RAM 1 TB HDD	100
2	Intel i5, 10 <sup>th</sup> Gen PC 8 GB RAM 500 HDD	200
3	Intel i5, 6 <sup>th</sup> Gen PC 4 GB RAM 500 GB HDD	297
4	Intel Xenon PC 8 GB RAM 500 GB HDD	50
5	Servers	03
<b>Total</b>		<b>650</b>

**LAN's:**

All the computers are configured in different Local Area Networks as per the requirement of different laboratories and activities as per the list below:

Lab No.	Quantity
LAB A-102	25
LAB A-103	25
LAB A-104	25
LAB A-106	02
LAB A-107	28
LAB C-103	40
LAB A-202	26
LAB A-203	13
LAB A-204	10
LAB A-206	15
LAB A-207 A	18

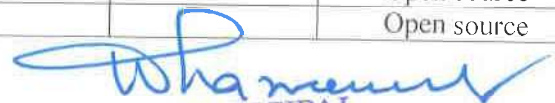
  
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LAB A-207 B	10
LAB A-301	04
LAB A-306	18
LAB A-308	14
LAB C-302	12
LAB C-303	14
LAB C-304	23
LAB C-305	25
LAB B-004	02
LAB A-404	97
LAB A-405	13
LAB C-102	16
LAB C-105	35
LAB C-302	12
LAB C-303	10
LAB C-304	25
LAB C-305	23
EXAM CELL	04
ADMIN OFFICE	10
PLACEMENT CELL	03
DIGITAL LIBRARY	15
SERVER ROOM	02
ALL STAFF MEMBERS	109

  
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**LIST OF LICENSED / OPEN SOURCE SOFTWARE**

Sr. No.	Software Name	No. of User	Status
1.	WINDOWS 10	Unlimited	Licensed
2.	MS-office 2019	Unlimited	Licensed
3.	Visual Studio	Unlimited	Licensed
4.	Matlab Software R2022B	Unlimited	Licensed
5.	Code Blocks		Open source
6.	GNU Sim8085 simulator		Open source
7.	Python 3.12.0		Open source
8.	QUALNET 5.1	05	Licensed
9.	Virtual Lab		Open source
10.	Xilinx ISE		Open source
11.	Orell Digital Language Lab	30	Licensed
12.	MENTOR GRAPHICS (HEP1, HEP2)	60	Licensed
13.	Google CO Lab		Open source
14.	Keil		Open source
15.	Optsim	05	Licensed
16.	MySQL 8.0		Open source
17.	LT Spice		Open source
18.	ETAP	10	Licensed
19.	Logisim		Open source
20.	JDK		Open source
21.	Anaconda and Jupyter Notebook		Open source
22.	Cisco Packet Tracer		Open source
23.	Star UML		Open source
24.	EMU 8086 - open Source		Open source
25.	Jubin's 8085 - Open Source		Open source
26.	Ubuntu 16 - Open Source		Open source
27.	Ns-3		Open source
28.	Visual Studio 2012		Open source
29.	Visual C++	Unlimited	Licensed
30.	Eclipse		Open source
31.	Tomcat server		Open source
32.	Netbeans		Open source
33.	Wireshark		Open source
34.	WinWap		Open source
35.	Libre/ Open Office		Open source
36.	Apache TomCat server		Open source
37.	R tool version 4.2.2		Open source
38.	WEKA 3.6.6		Open source
39.	Oracle I2C	20	Licensed
40.	8051IDE		Open source
41.	EMU8086		Open source
42.	EDA Playground		Open source
43.	Festo Fluidsim, FST4		Open source
44.	MyOpenLa		Open source
45.	Ad NEPI		Open source



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