

KRISHNASAMY

College of
ENGINEERING & TECHNOLOGY


Approved by AICTE & Affiliated to Anna University
Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.
☎ (04142) 285 601 - 604 🌐 www.kcet.in ✉ info@kcet.in


CERTIFICATE OF DECLARATION / UNDERTAKING

4.3.1. Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection


This is to certify that the institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection. The details are as follows:

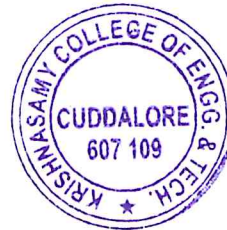
S. No.	Internet facilities	Bandwidth
1.	JIO net services	100 Mbps


Co-ordinator
(IQAC)


Co-ordinator
(NAAC)


Vice-Principal


Principal
PRINCIPAL
Krishnasamy College of
Engineering & Technology,
Kumarapuram,
Cuddalore-607 109.





4.3.1. Institution frequently updates its IT facilities and provides sufficient Bandwidth for internet connection

INDEX

Note: The supporting documents for this metric exceed the upload limit of 5 Mb. Hence, the documents are made available in HEI website and links for the metric is given below.

S. No.	Parameter	Link For the Relevant Document
1.	Internet facilities	View
2.	Internet Connection Bills	View



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Lab wise System Details

S.No.	Name of the Laboratory	Location	No.of Systems	System Configuration	IP Address	Internet Connectivity
1	Programming Lab	A - BLOCK (GROUND FLOOR)	60	Intel Core - i3, 240 GB SSD, 8GB RAM, 19.5" LED, Keyboard, Mouse	100.26.11.1 - 100.26.11.75	YES
2	Data Science Lab	A - BLOCK (FIRST FLOOR)	35	Intel Core-i5 , 1TB HDD, 8GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.11.76 - 100.26.11.120	YES
3	Emerging Technologies Lab	A - BLOCK (FIRST FLOOR)	35	Intel Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.11.121 - 100.26.11.165	YES
4	Security Lab	A - BLOCK (FIRST FLOOR)	34	Intel Core-i5 ,16 GB RAM,512 NVME, 18.5" LED, Keyboard, Mouse	100.26.11.166 - 100.26.11.210	YES
5	Full Stack Development Lab	A - BLOCK (FIRST FLOOR)	6	Dual Core-2.00Ghz, 500GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.11.211 - 100.26.11.255	YES
			30	Dual Core-2.00Ghz, 320GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse		
6	Cloud Computing Lab	A - BLOCK (FIRST FLOOR)	34	Intel Core-i5 ,16 GB RAM,512 NVME, 18.5" LED, Keyboard, Mouse	100.26.12.1 - 100.26.12.45	YES
7	VLSI Design	B - BLOCK (FIRST FLOOR)	33	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.12.46 - 100.26.12.90	YES
	Lab					
8	DSP Lab	B - BLOCK (FIRST FLOOR)	33	Dual Core-2.00Ghz, 320GB/ 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.12.91 - 100.26.12.135	YES



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9	Control	B - BLOCK (GROUND FLOOR)	6	Dual Core-2.00Ghz, 320GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.12.136 - 100.26.12.145	YES
	System Lab					
10	Advanced Programming Lab	C - BLOCK (GROUND FLOOR)	25	Intel Core-i5, 512 SSD, 8GB RAM, 18.5" LED, Keyboard, Mouse	100.26.12.146 - 100.26.12.255	YES
	Programming and Testing Lab		35	Intel Core-i5, 1TB HDD, 8GB RAM, 18.5" LED, Keyboard, Mouse		
11	Mechatronics Lab	C - BLOCK (FIRST FLOOR)	5	Intel Core - i3, 500GB HDD, 2GB RAM, 18.5" LED, Keyboard, Mouse	100.26.13.1 – 100.26.13.20	YES
			5	AMD 3600+ , 80GB HDD, 1 GB RAM, 18.5" LCD, Keyboard, Mouse		
12	CAD/CAM LAB	C - BLOCK (FIRST FLOOR)	35	Intel Core - i5, 240GB SSD + 500GB HDD , 8GB RAM, 4GB Graphics, 18.5" LED, Keyboard, Mouse	100.26.13.21 - 100.26.13.65	YES
13	Communication Skills Lab	C - BLOCK (FIRST FLOOR)	35	Dual Core-2.00Ghz, 500GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.13.66 - 100.26.13.110	YES
14	Digital Library	D - BLOCK (FIRST FLOOR)	18	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.13.111- 100.26.13.140	YES
15	Thermal Lab	C - BLOCK (GROUND FLOOR)	1	AMD 3000+ , 80GB HDD, 1GB RAM, 18.5 LCD, Keyboard, Mouse	STANDALONE	
16	CNC Lab	C - BLOCK (GROUND FLOOR)	2	Intel Dual Core- 2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	STANDALONE	
17	LIC LAB	B - BLOCK (FIRST FLOOR)	5	AMD 3600+ , 80GB HDD, 1 GB RAM, 18.5" LCD, Keyboard, Mouse	STANDALONE	
Total Computer Student Usage:			472			



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S.No.	Name of the Laboratory	Location	No. of Systems	System Configuration	IP Address	Internet Connectivity
18	All HOD's	All BLOCK	7	Intel Core - i5, 240GB SSD + 500 HDD, 8GB RAM, 18.5" LED, Keyboard, Mouse	100.26.1.2 -	YES
19	Central Library	D - BLOCK (FIRST FLOOR)	3	Intel Core- i3, 240GB HDD, 2GB RAM, 18.5 LCD, Keyboard, Mouse	100.26.13.111- 100.26.13.140	YES
20	Library(CSE)	A - BLOCK (FIRST FLOOR)	1	Intel Dual Core- 2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
21	CSE-Faculty Room	A - BLOCK (FIRST FLOOR)	1	Intel Dual Core- 2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse		
22	EEE-Seminar Hall	B - BLOCK (SECOND FLOOR)	1	AMD 3600+ , 80GB HDD, 1 GB RAM, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
23	CIVIL- Faculty Room	B - BLOCK (SECOND FLOOR)	1	Intel Dual Core- 2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
			1	Intel Dual Core- 2.00Ghz, 320GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse		
24	ECE – Faculty Room	B - BLOCK (FIRST FLOOR)	1	Intel Dual Core- 2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
25	ECE - SEMINAR HALL	B - BLOCK (FIRST FLOOR)	1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
26	MCA- SEMINAR HALL	C - BLOCK (GROUND FLOOR)	1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES



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27	MECH - SEMINAR HALL	C - BLOCK (FIRST FLOOR)	1	AMD 3600+ , 80GB HDD, 2 GB RAM, 18.5 LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
28	MECH - Faculty Room	C - BLOCK (FIRST FLOOR)	1	Dual Core-2.00Ghz, 500GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
29	S & H - Faculty Room	C - BLOCK (SECOND FLOOR)	1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
30	S & H LIBRARY	C - BLOCK (SECOND FLOOR)	1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.2 -	YES
31	S & H - SMART CLASS	C - BLOCK (GROUND FLOOR)	1	Dual Core-2.00Ghz, 500GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
32	PD	C - BLOCK (GROUND FLOOR)	1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
33	Training & Placement Cell	B - BLOCK (FIRST FLOOR)	1	Intel Core-i5 ,16 GB RAM,512 NVME, 18.5" LED, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
34	NSS	c - BLOCK (FIRST FLOOR)	1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
35	Store Room	E - BLACK(First Floor)	1	Dual Core-2.00Ghz, 320GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
36	Maintenance		1	Dual Core-2.00Ghz, 500GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
			1	AMD 3600+ , 80GB HDD, 2 GB RAM, 18.5 LCD, Keyboard, Mouse		
37	CIE	A - BLOCK (FIRST FLOOR)	1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES



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38	Transport		1	Intel Core - i3, 240 GB SSD, 8GB RAM, 18.5" LED, Keyboard, Mouse	100.26.1.2 -	YES
			1	AMD 3600+ , 80GB HDD, 2 GB RAM, 18.5 LCD, Keyboard, Mouse	100.26.1.254	
39	Exam Cell	B - BLOCK (FIRST FLOOR)	4	Dual Core-2.00Ghz, 320GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 -	YES
			2	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.254	
40	Admission Cell	A - BLOCK (GROUND FLOOR)	2	Intel Core - i5, 1 TB HDD, 8GB RAM, 18.5" LED, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
			1	Intel Core - i5, 512 GB SSD, 8GB RAM, 4GB Graphics , 18.5" LED, Keyboard, Mouse		
41	Accounts Department	E - BLOCK (FIRST FLOOR)	4	Intel Core - i3, 1TB HDD, 4GB RAM, 18.5" LED, Keyboard, Mouse	100.26.1.2 -	YES
					100.26.1.254	
42	Office	A - BLACK (Ground Floor)	1	Dual Core-2.00Ghz, 500GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
			1	Intel Core - i3, 1TB HDD, 4GB RAM, 18.5" LED, Keyboard, Mouse		
			2	Dual Core-2.00Ghz, 320GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse		
			4	Intel Core-i5 , 512 SSD, 8GB RAM, 18.5" LED, Keyboard, Mouse		
			1	Intel Core-i5 , 16 GB RAM, 512 NVME HDD, 18.5" LED, Keyboard, Mouse		
			1	Intel Core - i3, 128 SSD, 8GB RAM, 18.5" LED, Keyboard, Mouse		
			1	AMD 3600+ , 80GB HDD, 1 GB RAM, 18.5" LCD Monitor, Keyboard, Mouse		



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43	SERVER ROOM	A - BLOCK (FIRST FLOOR)	1	Intel Core-i5 ,Intel Chipset board,1TB HDD, 8GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.2 - 100.26.1.254	YES
			1	Intel Core - i3, 250GB HDD, 2GB RAM, 18.5" LED, Keyboard, Mouse		
			1	Dual Core-2.00Ghz, 80GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	10.10.1.1	NO
			1	Dual Core-2.00Ghz, 160GB HDD, 2GB RAM, 18.5" LCD, Keyboard, Mouse	100.26.1.1	YES
Total Computer Staff Usage:			60			



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LICENSED SOFTWARE LIST

S.No	System Software
1	Microsoft Windows 2000 Server
2	Red Hat Linux ver 8.0
3	Novell Netware V 5.1
4	Windows -10
5	Microsoft Windows 2000 Professional
	Application Software
1	Microsoft Office 2000 Professional
2	Microsoft Visual Studio 6.0 Enterprise Edition
3	Borland Turbo C++ Suite
4	Rational Rose Enterprise Edition
5	Symantec Antivirus Scanner V 8.1 (Network Edition)
6	Corel Draw Graphics 12
7	Microsoft Visual Studio .NET 2003 Professional
8	Macromedia Studio MX 2004
9	Macromedia Director MX
10	Adobe Photoshop CS
11	Pramati Educational Pack Unlimited License
12	Autodesk Inventor series 5
13	Autocad 2008 Educational Pack
14	Edgecam 2012



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S.No.	System Software
15	Ansys Software 11.0
16	CNC Software
17	PLC-ABB Software
18	LAB VIEW Software
19	SIM P4 Software (PNEUMATIC, HYDRAULIC)
20	Xilinx (Multisim, Chipscope Pro Tools)
21	Matlab
22	Signal Processing Toolkit
23	Multisim Education ver.8.0
24	UE Networks simulator software
25	C Cross compiler for 8051 family
26	Cadene University Bundle analog & Digital FE&BE
27	Simulink
28	Control System Toolbox
29	Simpower System
30	MI Power
31	Globarena English Communication software
32	Renet English Communication Software



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OPEN SOURCE SOFTWARE LIST

S.No.	Software Name
1	LINUX
2	Tally ERP 9
3	JAVA
4	GCC / G++
5	Turbo C++
6	Net beans
7	Eclipse
8	XAMPP
9	Apache Tomcat
10	JDK
11	MYSQL
12	NS2
13	MongoDb
14	Cassandra
15	Node JS
16	Angular
17	Raspberry Pi
18	Arduino
19	Django Framework
20	VMWARE
21	Anduino
22	Jupiter
23	Anconda
24	Cadence Software
25	P-Spice
26	Xilinx ISE
27	Adobe Photoshop
28	Autocad 2023
29	Fusion 360
30	Fanuc
31	Solid Works
32	Edgecam



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SERVER CONFIGURATION DETAILS

SL.NO	SERVER NAME	CONFIGURATION
1.	FIREWALL SERVER	INTEL DUALCORE, 2GB RAM, 160 GB HDD , 18.5" LCD.
2.	LINUX SERVER	INTEL DUALCORE, 2GB RAM, 80 GB HDD, 18.5" LCD,
3.	OFFICE AUTOMATION SERVER	INTEL CORE – i3, 1TB HDD, 4GB RAM, 18.5" LED,