

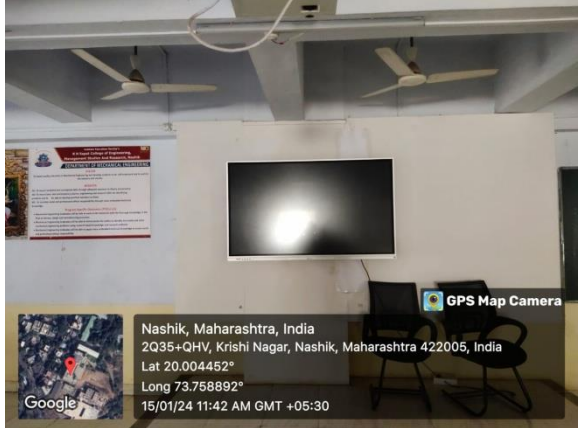




4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Sr. No	Description	Page no.
1	Smart class room	2
2	Up gradation of computing facilities	3
3.	Internet bandwidth	7

1. Smart classroom in the AY 2022-23 & 2023-24

Geo-tagged photos

Sr. No	Description	Geo-tagged photos
1	<p align="center">Interactive panel 1 Room No: M413</p>	 <p>GPS Map Camera Nashik, Maharashtra, India 2Q35+QHV, Krishi Nagar, Nashik, Maharashtra 422005, India Lat 20.004452° Long 73.758892° 15/01/24 11:42 AM GMT +05:30</p>
2	<p align="center">Interactive panel 2 Room No: M513</p>	 <p>GPS Map Camera Nashik, Maharashtra, India 2Q35+H8C, Cycle Cir, Krishi Nagar, Nashik, Maharashtra 422005, India Lat 20.003987° Long 73.758758° 15/01/24 11:38 AM GMT +05:30</p>
3	<p align="center">Interactive panel 3 Room No: Mechanical Hall</p>	 <p>GPS Map Camera Nashik, Maharashtra, India 2Q35+QHV, Krishi Nagar, Nashik, Maharashtra 422005, India Lat 20.004194° Long 73.75878° 15/01/24 11:39 AM GMT +05:30</p>

2 Up gradation of computing facilities

1. Year wise number of Desktop PC's up-gradation

Sr. No	Academic Year	No. of Computers	Configuration
1	2022-2023	20	Lenovo N50SG3 Desktop, i5 12 th Gen, 8GB RAM, 1TB HDD, 256GB SSD

Sr. No	Description of IT facility	Year	Qty.	Date OF Purchase	Bill No
1	IBM Server X 3200	2008	2	25/8/2008	00183A
2	THIN Client VXL	2008	60*	25/8/2009	00183A
3	Compaq Laptop	2009	6	22/8/2009	206
4	IBM SERVER	2010	1	25/3/2010	RAKA:5530
5	Dell Desktop	2010	11	06-11-2010	D012
6	Dell Desktop	2010	51	07-11-2010	D011
7	Processor Intel Xenon	2010	1	05-10-2010	RAKA: 669
8	Dell Desktop	2011	104	27/5/2011	D0152
9	DELL DESKTOP (Windows starter+ windows7)	2011	35	03-10-2011	817
10	DELL DESKTOP	2011	62	28/6/2011	265
11	Dell Desktop	2012	120	19/1/2012	790
12	Dell Desktop (60)	2012	60	15/12/2012	0803A
13	Dell Desktop (25)	2012	25	15/12/2012	0806A
14	Dell Desktop	2013	2	6/5/2013	102
15	Dell Desktop	2015	60	09-11-15	562
16	Dell Desktop	2015	10	29/01/2015	741
17	Dell Desktop	2015	25	29/01/2015	742
18	Dell Desktop	2015	5	23/01/2015	727
19	ASSEMBLED DESKTOP(3)+MONITOR(3)+PROJECTOR(3+3+5)	2015	3	23/01/2015	726

20	Dell Desktop	2015	10	13/02/2016	777
21	Dell Desktop(30)+DVD DRIVE(30)	2016	30	16/07/2016	288
22	Dell OptiPlex	2018	20	07-02-2018	481
23	Lenovo Core i5	2018	9	10-09-2018	373
24	HP/Lenovo Desktop	2018	11	23/10/2018	318
25	Lenovo Desktop i5/8GBRAM/1TB HDD/256SSD	2023	20	05/01/2023	21

*Write off

Total Computers including Servers = 664

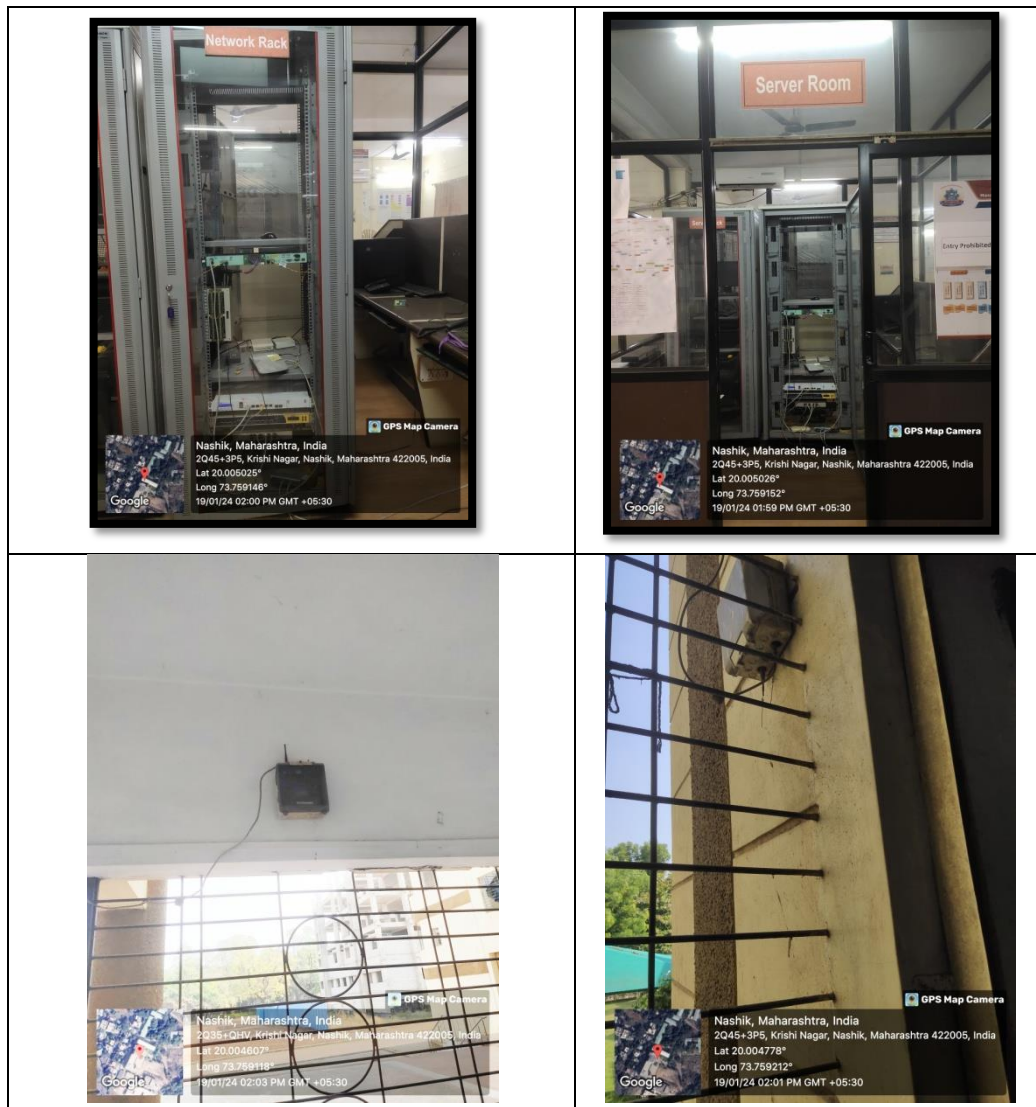
Year wise Software and Tool Box up-gradation

Sr. No	Description of IT facility	Year	Qty.	Date of Purchase	Bill No
1.	Quickheal Antivirus	2008	2	25/8/2008	00183A
2.	MS Office standard Edition 2007	2009	6	05-12-2009	47
3.	MS Visual Studio	2009	2	06-12-2009	47
4.	Codegear Turbo C++	2009	2	07-12-2009	47
5.	Red Hat Linux Enterprise Edition	2009	1	08-12-2009	47
6.	Windows XP Professional	2009	4	09-12-2009	47
7.	Quickheal Antivirus	2009	1	25/07/2009	155
8.	Adobe CS4	2009	20	22/12/2009	LDS/2009-2010/1073
9.	Quickheal Antivirus Internet Security	2010	6	02-09-2010	512
10.	Windows 7 pro Upgrade	2010	11	06-11-2010	D012 & D012
11.	Windows Vista OEM Starter	2010	11	06-11-2010	D012 & D012
12.	Windows 7 pro Upgrade	2010	51	06-11-2010	D011 & D011
13.	Windows Vista OEM Starter	2010	51	06-11-2010	D011 & D011
14.	Windows Professional 7 upgrade E-licensed	2011	104	27/5/2011	D0152
15.	Windows OEM Starter Licensed Copy	2011	104	27/5/2011	D0152
16.	Windows OEM Starter Licensed Copy	2011	35	10/3/2011	817

17.	Windows Professional upgrade E-licensed	2011	35	10/3/2011	817
18.	Windows Professional upgrade E-licensed	2011	20	5/3/2013	1031
19.	Windows OEM Starter Licensed	2012	34	19/1/2012	790
20.	Windows OEM Starter Licensed Copy	2012	60	19/1/2012	790
21.	Windows OEM Starter Licensed Copy	2012	25	19/1/2012	790
22.	Language Lib. Software SRS	2012	10	15/12/2012	0806A
23.	Foundation level 1to 3	2012	25	15/12/2012	0806A
24.	Hardware firewall cyberoam	2012	1	26/12/2012	9335
25.	Windows OEM Starter Licensed Copy	2013	85	5/3/2013	1031
26.	Windows Professional upgrade E-licensed	2013	85	16/7/2013	335
27.	Windows Professional upgrade E-licensed	2013	29	16/7/2013	335
28.	Windows Professional upgrade E-licensed	2013	2	16/7/2013	D0152
29.	Windows Professional upgrade E-licensed	2013	85	5/3/2013	1031
30.	Quick Heal Internet security	2013	100	03-05-2013	1031
31.	Matlab	2014	25	18-12-2014	E/6/12-14
32.	Simulink	2014	10	18-12-2014	E/6/12-14
33.	Sim Power System	2014	2	18-12-2014	E/6/12-14
34.	Sim Capes	2014	2	18-12-2014	E/6/12-14
35.	Control System Toolbox	2014	2	18-12-2014	E/6/12-14
36.	Signal Processing Toolbox	2014	2	18-12-2014	E/6/12-14
37.	DSP System Toolbox	2014	2	18-12-2014	E/6/12-14
38.	Communication System Toolbox	2014	2	18-12-2014	E/6/12-14
39.	Image Studio Toolbox	2014	2	18-12-2014	E/6/12-14
40.	Symbolic Math Toolbox	2014	2	18-12-2014	E/6/12-14
41.	Partial Differential Equation Toolbox	2014	2	18-12-2014	E/6/12-14
42.	Curve Fitting Toolbox	2014	2	18-12-2014	E/6/12-14
43.	Sim Mechanics	2014	2	18-12-2014	E/6/12-14
44.	SimHydraulics	2014	2	18-12-2014	E/6/12-14
45.	Windows 8.1 Single Language OEM	2015	25	29/1/2015	742
46.	Windows 8.1 Single Language OEM	2015	25	02-10-2015	774
47.	Quick Heal Admin Console	2015	50	02-10-2015	774
48.	13.56 MHz RFID TAGS	2015	6	21/04/2015	CI-000341415
49.	IOT LAB Kit(Arduino Based)	2017	1	15/3/2018	9

50.	NetSim – Network Simulator for WSN and IoT	2018	5	03/02/2018	
51.	RASBERRY PI 3 Model B Kit	2018	99	01-05-2018	CI-001041718
52.	IOT Board and accessories	2018	5	01-05-2018	CI-001041719
53.	Training kit PLC/SCADA	2023	1	22-02-2023	06
54.	EDM Lab equipments	2023	10	31-03-2023	22

Server Room and Access Point Devices





3. Internet bandwidth

Year	Bandwidth up-gradation		Total Bandwidth available
	Internet Leased Line	Broadband Connection	
2016	54 Mbps ILL	20 Mbps BBoVPN	74 Mbps
2023	100 Mbps	20 Mbps BBoVPN	120 Mbps

Internet bills – [Click here to download](#)