



ST. ALOYSIUS' COLLEGE

AUTONOMOUS
JABALPUR- 482001
MADHYA PRADESH, INDIA

CRITERION-4

INFRASTRUCTURE AND LEARNING RESOURCES



Key Indicator
4.3 IT Infrastructure



Metric No.: 4.3.1
IT and Internet Facility

Document Name
IT facilities



ST. ALOYSIUS' COLLEGE (AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)
College with Potential for Excellence (CPE) by UGC
DST-FIST Supported & Star College Scheme by DBT.

Hardware

All classrooms and labs are well equipped with the required ICT facilities for teaching and learning like Laptops, Computers, Printers, Scanners, Electronic-cum-digital Podium, Digital writing pad, webcams, microphones, DLP projectors, wired and wireless internet connection, etc. Few major details are as follows:

S.N.	DESCRIPTION	QTY
1.	Desktop/Laptops	506
2.	Interactive Flat Panel Display (IFPS)	34
3.	Projector	43
4.	Projector Screen	43
5.	Digital Writing Pad	12
6.	Printers	57
7.	USB Webcams	32
8.	PolyCam Setup	1
9.	LED Screen (12'*8')	1

IT Facilities

S.NO.	PARTICULARS SPECIFICATIONS	NUMBER
1.	Wi-Fi Campus	Full
2.	Wi-Fi Routers for wi-fi campus	48
3.	CCTV Cameras	169
4.	Two Panel Display	2
5.	E-podium	07
6.	Lease Line Internet Connectivity	1:1, 100 Mbps
7.	Zoom Subscription	Yes
8.	LMS with more than 5000 learners enrolled Moodle	Yes
9.	Google Workspace for Education (Formerly known as G-Suite) Faculty/Students Use	Yes
10.	Google Cloud Space	Yes



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Server details: The institution has its in-house data center managed by IT Cell to extend services to various stakeholders of the College as and when required; and also, to render services related to various important phases of curricular and non-curricular activities of students' life at college.

Server details are as follows:

S.N.	Description (Server Make)	CPU	RAM	HDD	Antivirus Make version Updating
1	IBM X3650 Rack Server	2 x Intel Xeon E5649 Hexa Core	8 x 4 GB DDR3 ECC	3 x 300 GB 10krpm SAS HS HDD 2.5" Slim, 12 X 1TB HDD 7.2k 6gbps HS SAS HDD	Quick Heal (Server Edition)
2.	IBM X3650 Rack Server	Intel Xeon E5649 Hexa Core	8 x 4 GB DDR3 ECC	3 x 300 GB 10krpm SAS HS HDD 2.5" Slim, 2 X 1TB HDD 7.2k 6gbps HS SAS HDD	Quick Heal (Server Edition)
3.	IBM X3650 Rack Server	Intel Xeon E5649 Hexa Core	8 x 4 GB DDR3 ECC	IBM 500GB 3.5in HS 7.2K SATA HDD, 2 X 1TB HDD 7.2k 6gbps HS SAS HDD	Quick Heal (Server Edition)
4.	IBM X346 Rack Server	Intel Xeon processors	3 x 2 GB DDR3 ECC	IBM SCSI Hot-Swap 3X146 GB 10K	Quick Heal (Server Edition)
5.	DELL T630 Tower Server	Intel Xeon E5-2620v3	16 GB DDR3 ECC	2 x 300GB 10k RPM, 12GBps SAS 2.5"	Quick Heal (Server Edition)
6.	HCL Tower Server	Intel Xeon E3	3x2 GB DDR	500GB SATA	N/A



ST. ALOYSIUS' COLLEGE (AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)
College with Potential for Excellence (CPE) by UGC
DST-FIST Supported & Star College Scheme by DBT.

List of Software

Department of Computer Science	
1	Oracle 10g Professional
2	Borland Turbo C++
3	Visual Studio 2005
4	Windows XP Professional SP2
5	Microsoft Server 2003
6	Informatica - (Power Centre Express Professional Edition)- 01 licensed version with shared users
7	MATLAB 2015b- 01 licensed version with 10 users
Department of Physics	
8	Adobe Photoshop CSS extended (Education Edition)
9	Multisim 8.0 with Ultiboard software
10	Mathematica [ver 9.0/10.0] 04 licensed versions /04 users
11	Double Beam Spectrophotometer-2201
12	OMNIC 82.388
13	Diffraction Suite: EVA
14	Easyscan 2
15	Publicon
16	FILMeasure 7.0
17	NKS- Kit
18	Signal and Systems
19	System Modeler
Department of Zoology	
20	ScopeImage 9.0 (X5)
Department of Botany	
21	Motic Images plus 2.0 (2)
22	Motic Images plus 2.0
23	Bio Sens Gel Imaging System
24	UV- Vis Analyst software version 5.37 [EN]
Department of Biotechnology	
25	Motic Images plus 2.0
26	Gen5
27	EVOS XL Core Imaging System
28	1-D Gel Analysis Software
Department of English	
29	ETNL- with 30 users
Department of Management	
30	SPSS- 01 licensed version 17.0 /10 users



ST. ALOYSIUS' COLLEGE (AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Digital Library	
31	Digital Library [ver. 3.0.2]
32	Drillbit Plagiarism Software
College	
33	Microsoft License Campus Agreement
34	eCAS (SAC- ERP) (pertaining to college automation)
35	Quick Heal AntiVirus Server Addition
36	Microsoft Office 365
37	Adobe Cloud
Open-Source Software	
38	Ubuntu Operating System 14.0
39	Java 1.7.0
40	Netbeans 8.2
41	PHP 4.0
42	My Sql 5.2
43	Open Office
44	WEKA
45	AVS Video Editor