

ST. ALOYSIUS' COLLEGE

AUTONOMOUS JABALPUR- 482001 MADHYA PRADESH, INDIA

CRITERION-4

INFRASTRUCTURE AND LEARNING RESOURCES

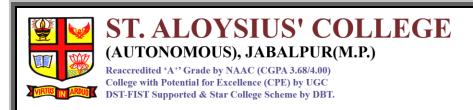


Key Indicator 4.3 IT Infrastructure



Metric No.: 4.3.1
IT and Internet Facility

Document Name IT facilities



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 |

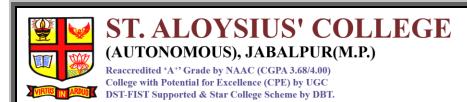
IT Facilities

| 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) | Yes | |
| | Faculty/Students Use | 1 68 | |
| 10. | Google Cloud Space | Yes | |

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 |



List of Software

| | 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 |