

# IQAC- SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

## Qualitative Metrics

### Criterion 4 – Infrastructure & learning resources

#### 4.3 IT Infrastructure

<b>4.3.1</b>	<b>IT facilities updates-Details</b>
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Institute has always eagerly taken an initiative to upgrade itself in providing IT facilities to students and faculty. With 409 computers in the year of establishment, the institute now possesses Dual core processor computers. The latest configuration of computer available in the institute is Dual core processor with 4GB RAM, 320/500 GB HDD, Dual core processor. All 258 systems now in SITAM are LAN connected. The institute has total MSDN applications and system software's.

The Institute started with Learning Management System, uLektz which offers hundreds of video content, course materials, and supports all aspects of Learning Management.

#### ❖ **Hardware and Software Facilities**

##### **Sample (Upgrade as per SSCET)**

S.No.	Item & Configuration	Quantity
1	Number of systems with configuration	<ul style="list-style-type: none"> <li>➤ HP: Intel Dual core, 2.9 GHz, 4GB RAM, 320GB HDD, 15" LCD</li> <li>➤ Lenova: Intel Dual core, 2.9 GHz, 4GB RAM, 320GB HDD, 18" LCD</li> </ul>
2	Computer-student ratio	1:1.32
3	Dedicated computing facility	409
4	Wi-Fi facility	Yes, entire campus is Wi-Fi enabled
5	Propriety software / Open source software:	Microsoft Campus License, TCS iON, MATLAB, P spice, LT-Spice, T asm, Tanner Tool, Xilinx and analysis tools
6	Number of nodes/ computers with internet facility	409

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7	LAN facility :	10/100 Mbps and 10/100/1000
8	Any other:	1.) Automated admission process, Fee transaction, Learning Management System and ICT integrated evaluation through customized Campus Management Solution 2.) SITAM Learning Management System (LMS), Moodle, is upgraded to uLektz, a world class LMS.

**List of Licensed softwares**

S. No.	Name of the Software	Licensed / Open Source
<b>Operating Systems</b>		
1	Microsoft Operating System	Licensed
2	Fedora Linux	Open Source
3	Ubonto Operating System	Open Source
<b>Application Software's and Others</b>		
1		
2	K-Van S/W	Licensed
3	Turbo C	Open Source
4	Putty 0.6.0	Open Source
5	JOK 1.7	Open Source
6	XAMPP 7.0.9 (Apache + PHP + Mysol)	Open Source
7	J2ME	Open Source
8	PC Studio	Licensed

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9	P.SPICE	Licensed
10	Auto CAD	Licensed
11	Edge CAM	Licensed
12	Ansys 14.3	Licensed

Internet service was made available in the institute to students and faculty, with a bandwidth of 40 Mbps connection. The institute has separate computer center of computers with internet facility. All the IT facilities are carefully looked upon by system head, system admin, and Team of technicians.