

## **IT Infrastructure**

IT facilities such as Wi-Fi with updation& nature of updation

### **Number of systems with individual configurations**

- ❖ Desktop (Intel i7, Intel i5, Intel i3 processor with 4-8GB RAM and 1TB Hard disk.
- ❖ Dual Core and core 2duo, P4 Processor with 2GB RAM and 250 GB to 500 GB HDD)
- ❖ Laptop (i3 Processor with 2-4GB RAM with 1 TB Hard disk)
- ❖ Total number of systems- 2300

### **Dedicated computing facilities**

- ❖ Internet in All Computer Labs
- ❖ Internet in Guest House
- ❖ Wi-Fi in All Hostels
- ❖ Paid Printing
- ❖ LCD Projectors
- ❖ Audio Visual Class rooms

### **LAN facility**

- ❖ One network across the campus and access internet/intranet resources under Uniform network policy
- ❖ The University has Wi-Fi facility for students and faculty members to avail internet connection inthe campus, hostel & staff quarters. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, Netsurfing, up/down loading of web based application, besides helping them in preparing projects & seminars.

**Software:-**

<ul style="list-style-type: none"> <li>• windows server 2012</li> <li>• windows server 2016</li> <li>• windows server 2003</li> <li>• Windows 7</li> <li>• windows 8</li> <li>• Windows 10</li> <li>• BOSS Linux</li> <li>• Ubuntu</li> <li>• Turbo C</li> <li>• Turbo C++</li> <li>• Netbeans</li> <li>• Java</li> <li>• Xampp</li> <li>• PHP</li> <li>• MYSql</li> <li>• Oracle 10g</li> <li>• Microprocessor 8086</li> <li>• SAP</li> <li>• Visual Basic</li> <li>• HTML</li> <li>• XML</li> <li>• Eclipse</li> </ul>	<ul style="list-style-type: none"> <li>• IBM SPSS</li> <li>• IBM COGNOS</li> <li>• Oracle 10g</li> <li>• SQL</li> <li>• VMWARE</li> <li>• ERP</li> <li>• Moodle</li> <li>• Lecture Video Capturing Software (Opencast)</li> </ul>
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<ul style="list-style-type: none"> <li>• WIFI Facility ( Dlink, CISCO, Netgear, Aruba , Belkin , Ruckus ) with 100% Secure Wi-Fi Coverage</li> <li>• CCTV Surveillance enabled campus Up-gradation</li> <li>• Up-gradation of Projector with individual PA system for classroom and seminar rooms.</li> <li>• Firewall Procurement (Cyberoam – CR1500iNG)</li> <li>• Upgraded Biometric with Access control system</li> <li>• Academic LAB Up-gradation as per Software requirement Every year</li> <li>• Firewall Up-gradation (from Sonic wall to Cyberoam)</li> <li>• Access Points (Aruba &amp; Rucks) Installation with Secure Wi-Fi Coverage using MAC Authentication</li> <li>• K7 Antivirus Version – 14.2</li> <li>• Faculty Laptop changed/upgraded (Lenovo 80Q)</li> <li>• End-User UPS changed and upgraded across the campus</li> <li>• User end Desktop changed (DELL /ACER)</li> <li>• Wi-Fi enabled Campus and students and faculty members have access to electronic databases which encourages them to use e-learning resources.</li> </ul>	<p>December 2017</p> <p>March 2018</p> <p>December 2017 September 2017 April 2017</p> <p>Every year September 2017 April 2017</p> <p>June 2016 September 2018</p> <p>Every year September 2017</p>
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### Bandwidth of internet connection in the institution

BSNL - 1 Gbps Connectivity with Unlimited data

ACT Fibernet (200 Mbps speed with 5TB Data access)

Number of computers with access to internet	Bandwidth of leased line connection	Lan configuration
2300	BSNL - 1 Gbps ACT Fibernet – 200 Mbps	Dynamic Host Configuration

### Facilities for e-content development such as Recording facility, Lecture Capturing System (LCS)

Response: Yes

Name of the e-content development facilities	Provide link to videos of the media centre and recording facility
To view lecture capture videos online	<a href="http://velsuniv.ac.in/moodle/">http://velsuniv.ac.in/moodle/</a>













