4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

Our college Pune Vidyarthi Griha's College of Science & Technology ensures that its IT facilities and sufficient bandwidth for internet connection provide faster and more reliable wireless connectivity. The available internet bandwidth(Weblink Infoways) is consistently maintained at a high level, with a minimum speed of 100 Mbps to support seamless online activities.

The computer lab at our college is a dedicated space equipped with computers and the necessary software to support academic and research activities. It serves as a centralized hub where students can access technology resources, complete assignments, conduct experiments, and engage in collaborative projects.

Typically, a college computer lab is designed to accommodate a significant number of students simultaneously, with a layout comprising rows of desks or workstations equipped with desktop computers or laptops. These computers are usually connected to a network, providing access to the internet, online databases, and digital resources relevant to the student's fields of study.

The lab is often supervised by lab assistants or technicians who can provide technical support and ensure the proper functioning of the computers and software. Additionally, there may be instructors or tutors available in the lab to assist students with specific software applications, programming languages, or other technical challenges they may encounter.

Our college frequently updates its IT facilities and provides sufficient bandwidth for internet connection, College provides software as mentioned below:

SEMESTER	CLASS	SUBJECT	SOFTWARE TO ACCORDING SYLLABUS
SEM -2	FYCS	Advanced Python Programming	Python IDLE
SEM -3	SYIT	Database Management System	mysql, Oracle
SEM-4	SYIT	Core Java	JDK
SEM-5	TYIT	Enterprise Java	Netbeans
SEM -1	FYCS	Python Programming	Python 3.10.5
SEM -3	SYIT	Python Programming	Python 3.10.5
SEM-4	SYIT	Embedded System	Keil uvision5
			Proteus
SEM-6	TYCS	Cyber Forensics	AccessData FTK imager
		Autopsy	
		Wireshark	
		AccessData FTK Imager	
		ProcMon	

as per the Mumbai University syllabus. Lab provides 100% speed of internet connection.

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