

# **GOVERNMENT COLLEGE, BAHU (JHAJJAR)**

(Affiliated to Maharshi Dayanand University, Rohtak, AISHE Code: C-50431)

Tel: 01259-279010 E-Mail - gcwbahu@gmail.com Website- gcbahu.ac.in

---

## **Explanatory Report on IT Facilities**

### **1. Introduction**

Government College, Bahu, Jhajjar is committed to providing an engaging and effective learning environment for its students through advanced IT infrastructure. The college places great emphasis on the continuous maintenance and upgradation of its IT facilities to support both educational and administrative functions.

### **2. Wi-Fi and LAN Facilities**

The campus is well-equipped with Wi-Fi and LAN facilities, ensuring comprehensive internet coverage. In 2019, a dedicated server system was installed for campus network management by Bharat Sanchar Nigam Limited (BSNL), providing a robust bandwidth of 50 MBPS. This setup includes a local internet hub established by BSNL, connecting all internet services within the college. Wired and wireless internet access points are available in all campus buildings, allowing students and staff to utilize a wide range of online resources and services.

### **3. Website and Online Interfaces**

The college's IT infrastructure includes a dynamic online presence through its website, gcbahu.ac, acquired in 2020. This platform serves as a transparent, efficient, and effective interface for all stakeholders. The media in-charge regularly updates the website to ensure it reflects the latest information and activities. Additionally, the college has an official Facebook page to showcase student talents and events.

### **4. Computer Facilities**

The college is equipped with a sufficient number of computers for both administrative tasks and student use, all connected to the internet. Labs and smart classrooms are furnished with essential IT infrastructure, including computers, printers, scanners, photocopiers, and multimedia projectors. The Geography Lab, for instance, is equipped with a laptop, multimedia projector, and video conferencing tools, facilitating online classes, webinars, and training programs in remote sensing and GIS.

### **5. E-Library and Digital Resources**

In the E-library section, computers with high specifications and internet connectivity are available for student use during college hours. The college library implemented SOUL 2.0 software in 2019, which was upgraded to SOUL 3.0 in 2022. This software streamlines library operations, including book issue and return, using barcode technology. The library also has a barcode scanner to ease these processes.

## **6. Maintenance and Upgradation**

Regular upgrades to both software and hardware ensure the optimal performance of the college's IT infrastructure. Maintenance tasks, including software installations, antivirus updates, and the upkeep of electronic gadgets, are managed by designated in-charges. In 2021, the Department of Higher Education, Panchkula, Haryana, provided five UPS systems to support the college's IT infrastructure.

## **7. Biometric and Online Learning Tools**

The college employs a Biometric Attendance System (BAS) for staff attendance, with devices regularly updated to ensure accuracy. Faculty members use IT-enabled learning tools such as PowerPoint presentations, video clippings, and online sources to enhance student learning experiences. During the pandemic, the college effectively utilized Learning Management Systems (LMS) and platforms like Zoom and Google Meet for conducting webinars and academic activities.

## **8. Continuous Improvement**

There is a continuous effort to add more computers and IT gadgets to the existing infrastructure. This ongoing commitment ensures that the college remains at the forefront of providing quality education through advanced technological support.

## **9. Conclusion**

Government College, Bahu, Jhajjar, through its frequent updates and maintenance of IT facilities, ensures that its students and staff have access to the best technological resources. This dedication to IT infrastructure supports a robust and dynamic learning environment, enhancing both educational and administrative experiences.

  
Principal  
GOVT COLLEGE, BAHU  
Government College, Bahu, Jhajjar, BAHU  
Distt. Jhajjar (Hry.)