



# Infrastructure and Learning Resources

## Indicator-4.3

### IT Infrastructure

Metric No.4.3.1	Sl.No.	Additional Information
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	4.3.1	1. Additional information on IT Facilities including Wi-Fi  <b>Authenticated</b> <i>Sanjaganaiti</i> <b>Principal</b>

D.H.S.K. Commerce College,  
Dibrugarh



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**: 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*

DHSK Commerce College is committed to provide secure and sophisticated Information Technology Infrastructure in the campus in terms of hardware, software and internet facilities. The College prides itself on its up-to-date and sufficient IT infrastructure, which is consistently modernized in response to evolving technological needs. With a campus-wide Wi-Fi setup fortified by essential firewalls, the institute facilitates seamless connectivity. Furthermore, computer labs are interconnected via LAN, ensuring convenient access to internet resources for both students and faculty

## ➤ **IT POLICY AT DHSK COMMERCE COLLEGE**

- **Using IT Resources:** The policy helps us use computers and tech stuff correctly, stopping anyone from using them wrongly.
- **Security and Rules:** Our policy keeps our IT things secure and follows the law. It makes sure everything we do with tech is legal and safe.
- **Getting on the Network:** The policy helps us safely use the college network. It sets up rules so only the right people can access it.
- **How Things Work:** This policy tells us how to get and take care of our tech things. It has rules for buying, upgrading, and fixing our IT stuff.
- **Backup Plans:** Our policy knows how important our data is. It tells us how to keep it safe by making copies, so we don't lose anything.

## ➤ **HIGH-SPEED NETWORK AT DHSK COMMERCE COLLEGE:**

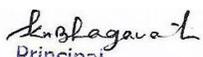
At the College, our network is designed for optimal connectivity. We have a speedy internet connection with a dedicated leased line that provides **70 Mbps** of bandwidth. This robust network is powered by a combination of two leased lines: a 20 Mbps line from BSNL and a 50 Mbps line from Bharat Fiber. This arrangement ensures reliable and fast internet access for all our students and faculty.

## ➤ **SURVEILLANCE AND SAFETY:**

Ensuring safety across our campus, DHSK Commerce College has set up a comprehensive surveillance system. A network of 45 CCTV cameras is strategically placed throughout all classrooms, library, seminars halls etc. contributing to the smooth functioning of the institution.

## ➤ **EFFECTIVE DATA HANDLING:**

The data captured by these cameras is stored securely. It is accessible through a designated viewing port for authorized personnel. The principal and administration can

  
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monitor this data, bolstering our commitment to maintaining a secure and conducive environment for all.

## ➤ **MANAGING E-WASTE RESPONSIBLY:**

- Our IT policy looks after how we handle old electronic stuff.
- We make sure to use electronic items the best way we can.
- They help us handle the waste safely. We even sell some old things like broken computers and printers.
- Workshop and training programme on managing e waste is held in the college for effective e waste management.

## ➤ **USE OF TECHNOLOGICAL IN EDUCATION:**

DHSK Commerce College stands as a prime example, leading the charge by consistently enhancing its IT facilities and providing an exceptional digital infrastructure for its students and faculty members. The college's commitment to fostering a tech-driven educational environment is evident through several key aspects that collectively create a holistic and innovative ecosystem.

## ➤ **CUTTING-EDGE COMPUTER LAB: EMPOWERING EXPLORATION AND LEARNING:**

One of the cornerstones of the institutions technological prowess is its cutting-edge Computer Lab. This lab boasts a formidable array of 50 branded PCs, each powered by a high-speed 32 Mbps leased line. This infrastructure ensures uninterrupted and high-bandwidth internet connectivity, opening up a world of digital resources for both students and faculty. The lab is not just a space for routine tasks but a hub of technological exploration, equipped with licensed system and application software across various disciplines.

### **Details about Computers configuration of lab:**

The details of hardware and software are given below:

<b>Details of systems with configuration</b>	
<b>Description</b>	<b>Quantity</b>
Windows 10 Home Single Language, Processor - Intel (R) Core (T.M.) I3 - 9100 CPU @3.60GHZ, RAM -8.00 GB (7.82 Usable), System Type - 64 - bit opening system, X64 based processor at Computer lab	50

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- **Windows 10 Home Single Language:** Each of these 50 computers is equipped with Windows 10 Home Single Language, a user-friendly operating system that provides a seamless interface for both beginners and tech-savvy users. This ensures that students can focus on their tasks without unnecessary technical hindrances.
- **Intel Core i3-9100 CPU @ 3.60GHz:** The brain of these computers is the Intel Core i3-9100 processor, a robust and capable CPU that propels computing tasks with its clock speed of 3.60GHz. This powerful processor ensures swift multitasking, making it ideal for various academic endeavors.
- **8.00 GB RAM (7.82 Usable):** Backed by 8.00 GB of RAM, these computers boast ample memory for handling resource-intensive applications and software. With 7.82 GB of usable RAM, students can comfortably run multiple applications simultaneously, facilitating a seamless workflow for research, coding, and project management.
- **64-bit Operating System:** The lab employs a 64-bit operating system, which takes full advantage of the computers' robust hardware configurations. This architecture allows for more efficient data processing and greater memory utilization, enhancing overall performance.
- **X64 Based Processor:** The computers are built around a 64-bit (x64) based processor architecture. This architecture enables them to handle larger chunks of data and execute more complex instructions, making them suitable for tasks ranging from data analysis to multimedia creation.
- **Empowering the Learning Journey:** With these specifications, DHSK Commerce College's Computer Lab provides students and faculty with a technologically advanced environment to enhance their academic pursuits. From research and coding to multimedia creation and collaborative projects, these computers empower users to engage with a wide array of tasks, fostering a holistic learning experience.
- **Seamless Integration with the Curriculum:** The lab's computers are optimized to seamlessly integrate with the college's curriculum. Students can work on assignments, conduct research, and access online resources without any hindrance. The powerful hardware ensures that even resource-intensive software applications can be run effortlessly, enabling students to explore various aspects of their field of study.
- **Prepared for the Digital Age:** By offering Windows 10 Home Single Language, Intel Core i3-9100 processors, ample RAM, and a 64-bit operating system, DHSK Commerce College's Computer Lab aligns with the demands of the digital age. It equips students with the technological tools they need to excel in an increasingly digital and interconnected world.



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- **Innovation and Learning beyond Boundaries:** The lab's specifications reflect the college's dedication to providing a cutting-edge environment that fosters innovation and learning beyond traditional boundaries. With these computers as their foundation, students can explore, create, and collaborate, shaping their educational journey in unprecedented ways.

➤ **WI-FI CONNECTIVITY 24 X 7: CAMPUS-WIDE INTEGRATION:**

Our commitment to technology reaches every corner of its campus through pervasive Wi-Fi connectivity. Essential firewalls safeguard this expansive network, ensuring that all departments are seamlessly connected. This interconnectedness fosters collaboration, information exchange, and the sharing of resources among faculty and students. By embracing wireless technology, the College acknowledges the modern need for instant access to information and resources, creating an environment where learning extends beyond the classroom.

➤ **DYNAMIC UPGRADES: ADAPTING TO EVOLVING TRENDS:**

Acknowledging the ever-evolving nature of technology, the College holds a steadfast commitment to regularly updating its IT infrastructure. This adaptability is fundamental in ensuring that students and faculty have access to the latest technological advancements. By embracing dynamic upgrades, the college not only stays relevant but also equips its community with tools that reflect contemporary trends and demands.

➤ **ENGAGING CLASSROOM EXPERIENCE: ENRICHING LEARNING THROUGH MULTIMEDIA:**

The College elevates the classroom experience by integrating technology into the teaching process. Each classroom is equipped with an LCD projector, enabling educators to create dynamic multimedia presentations. This interactive teaching aid transforms lessons into engaging visual experiences, facilitating better understanding and retention of complex concepts.

➤ **CONFERENCE ROOM INNOVATION: ENHANCING COLLABORATION:**

Recognizing the importance of technology in collaborative settings, the college has outfitted its conference room with an LCD TV featuring Wi-Fi capabilities. This innovation transforms routine meetings and seminars into interactive sessions, where participants can seamlessly share presentations, data, and engage in discussions. This technology-driven environment empowers faculty, staff, and students to communicate and collaborate effectively.

➤ **EMPOWERING THE EDUCATIONAL ECOSYSTEM: TECHNOLOGY AS A CATALYST:**

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In essence, the commitment of the College to integrating technology into its educational fabric empowers every individual within its ecosystem. Students receive holistic exposure to technology, equipping them for a digitally-driven world. Faculty members can harness the power of technology to deliver impactful lessons and engage in meaningful research. This comprehensive approach positions the College as a trailblazer in fostering a technology-rich learning environment that bridges traditional education with the possibilities of the digital age.



Computer Lab



Students Using Computers at Computer lab

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Modem and Router



GPS Map Camera



Google

Dibrugarh, Assam, India  
DHSK Commerce College  
Lat 27.466851°  
Long 94.921896°  
26/06/23 02:16 PM GMT +05:30

Teacher using ICT while teaching.

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Dibrugarh, Assam, India  
 DHSK Commerce College  
 Lat 27.466851°  
 Long 94.921896°  
 05/08/23 10:43 AM GMT +05:30

Induction programme for newly enrolled students at ICT enabled auditorium.

## AWARENESS ON E-WASTE MANAGEMENT

ORGANIZED BY PG DEPARTMENT OF COMMERCE & DEPARTMENT OF HRM



*in association with IIC, IQAC & AINA Welfare Foundation*  
**DHSK COMMERCE COLLEGE, DIBRUGARH-786001**

**Resource Person:**

**Krishna Pratim Bordoloi**  
 Founder cum Executive Director  
 AInA Welfare Foundation



**Date: 08/04/2023**  
**Time: 11 am**  
**Venue: Dr. L.P.Dutt Library Auditorium**



Programme on E Waste Management.

*Dr. Pragati*  
 Principal  
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