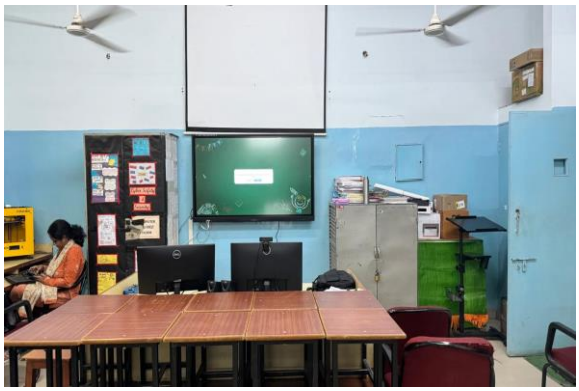
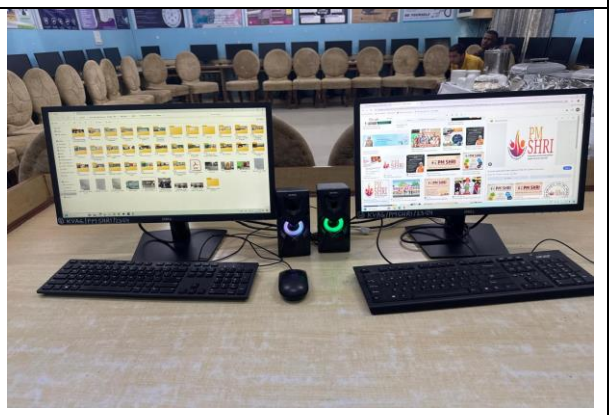
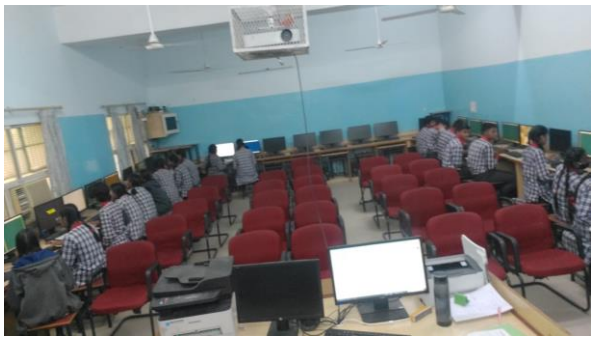
KENDRIYA VIDYALAYA ANDREWSGANJ, NEW DELHI 110024

NAME OF DEPT/ACTIVITIES: DIGITAL INFRASTRUCTURE
NAME OF I/C: PGT COMPUTER SCIENCE OF VIDYALAYA

SNO	GLIMPSES	SNO	GLIMPSES
1	 Interactive Panel of Computer department for teaching	2	 Latest high-end system for students and teachers
3	Group visual display for students	4	Well Equipped Computer Department
5	Well Equipped Computer Department	6	 Students using system

7	Latest 3-D Printer	8	Article crafted using 3-D printer

DETAILED REPORT ON DIGITAL INFRASTRUCTURE:

In today's educational landscape, the integration of technology is essential for enhancing teaching and learning experiences. The Vidyalaya recognizes this need and has invested significantly in a robust digital infrastructure that supports both students and teachers.

This report provides a comprehensive overview of the technological resources available at the Vidyalaya, highlighting key facilities, tools, and personnel dedicated to fostering an innovative learning environment.

1. **Computer and Language Labs:**
    - **Computer Labs: The Vidyalaya has four well-furnished and air-conditioned computer labs featuring 165 latest Windows systems for the use of students and teachers.**
    - **Language Lab: There is a fully furnished language lab with 30 systems, designed to enhance language learning. All systems are connected to high-speed internet.**
    - **The campus benefits from three high-speed broadband connections, ensuring reliable internet access.**
2. **Classroom Technology:**
    - **Interactive Tools: 17 classrooms are equipped with the latest projectors and Apple TVs to facilitate e-classroom functionalities.**
    - **The Vidyalaya also provides 16 Apple iPads to support e-teaching initiatives.**
    - **Additionally, there are 4 interactive panels available for student-centered teaching.**
3. **Virtual Reality Lab:**
    - **The Vidyalaya features a well-equipped virtual reality lab that provides students with immersive 3D-based learning experiences.**
4. **Digital Library:**

- **The Vidyalaya hosts a digital library, equipped with internet-connected desktops, allowing students to access a wealth of information and resources.**

5. **Printing and Copying Facilities:**
    - **There are 16 printers and 4 multi-function high-speed copiers distributed across various departments, offices, and computer labs to support both administrative and academic functions.**
6. **Wi-Fi Connectivity:**
    - **The campus is outfitted with a comprehensive Wi-Fi network, ensuring enhanced technology usage throughout the premises.**
7. **Security and Surveillance:**
    - **The safety of the campus is prioritized with the installation of 70 high-quality CCTV cameras, providing thorough surveillance.**
8. **Student Lab Allocation:**
    - **The computer labs are organized and divided for student use based on classes and sections, ensuring that all students have equitable access to technological resources.**
9. **Qualified Staff:**
    - **The Vidyalaya employs two highly qualified permanent computer teachers and three additional ad hoc computer instructors to support students in their learning.**