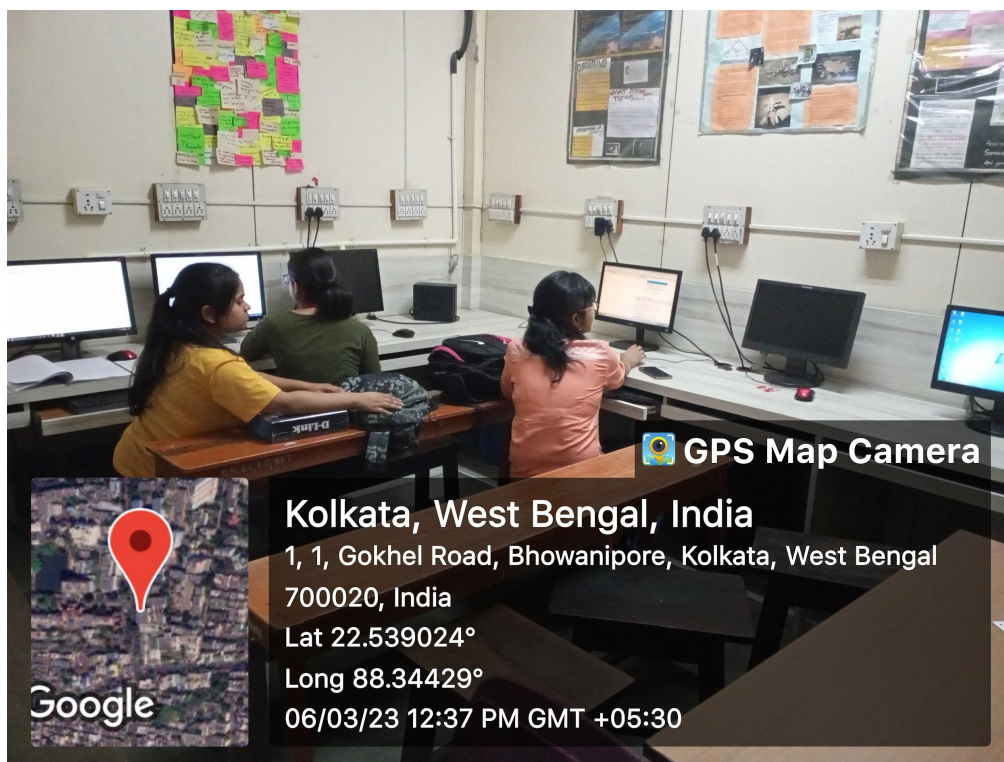




GOKHALE MEMORIAL GIRLS' COLLEGE, KOLKATA

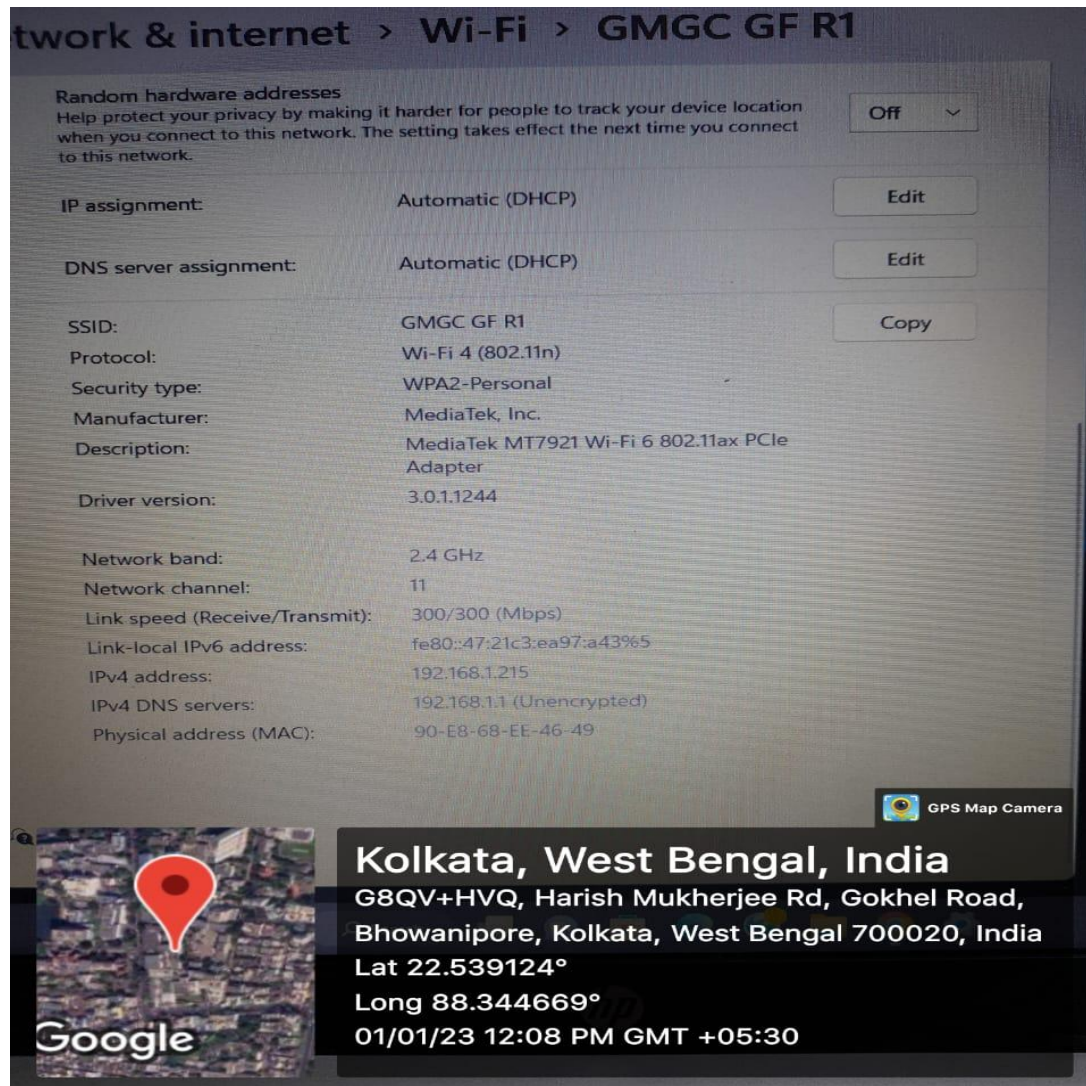
IT facilities, Internet and Wifi connection, ICT Tools available in the Gokhale Memorial Girls' College

The college is always a forerunner in using ICT tools for teaching-learning. College provides high speed internet connectivity throughout the campus. In the years 2017-18 and 2018-19, the speed was 200 MBps from the BSNL landline connection. Additional connection was secured from Citi-Cable Pvt. Ltd. In the following year, the internet plan was upgraded to secure the speed of 250 MBps.

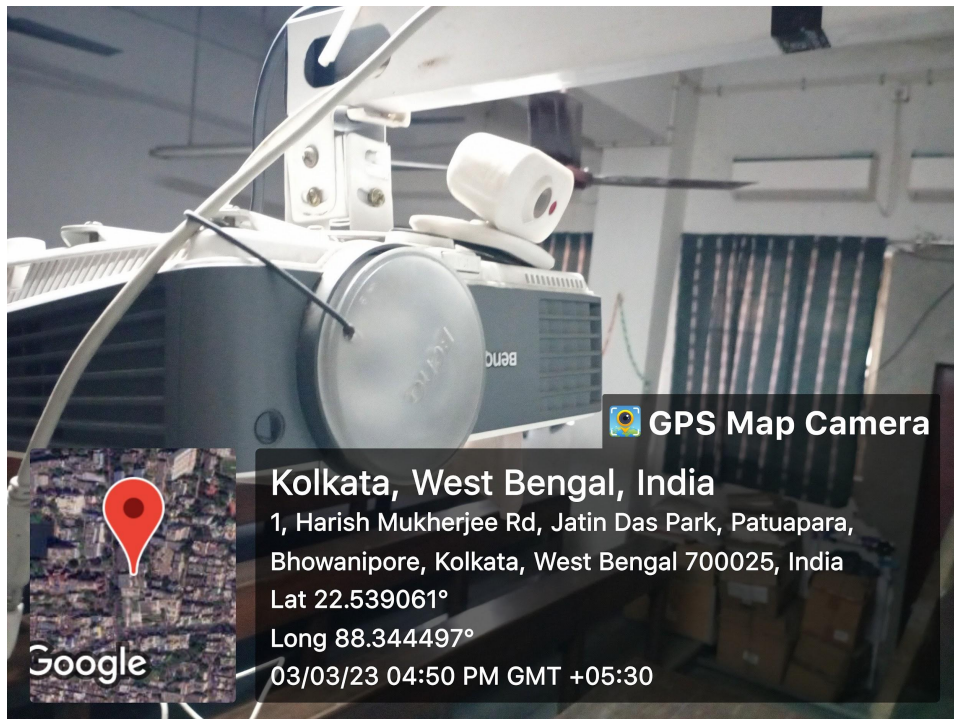


Physics Computer Laboratory has 8 running computers and 2 printers

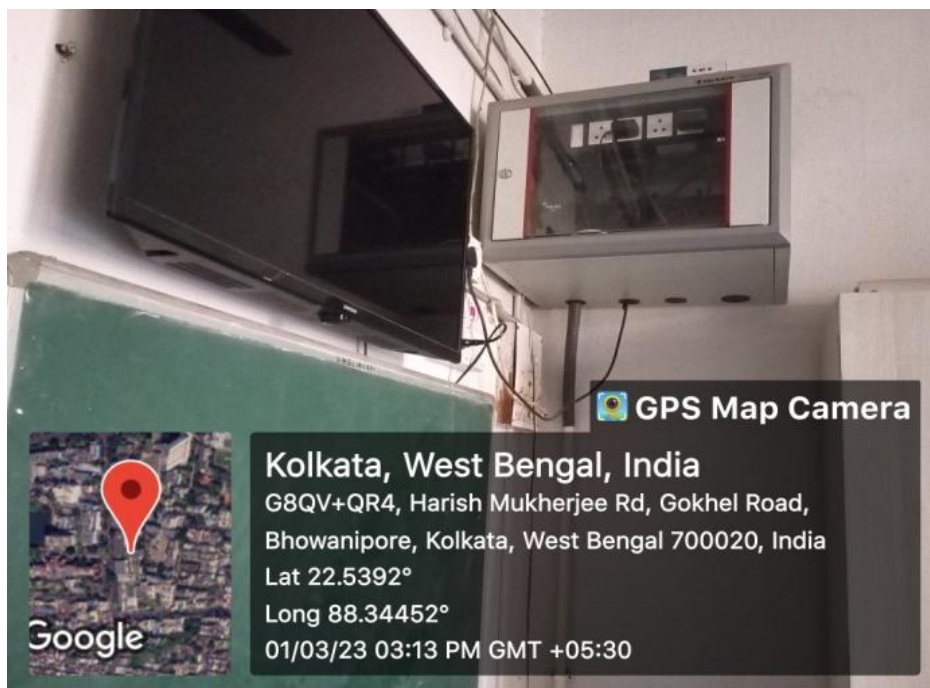
Post Pandemic when the offline classes were resumed, the college still continues with high speed internet. In 2022, a major overhaul of internet connection was done. A new connection was taken from Alliance Broadband Pvt. Ltd. which would serve with increased internet speed up to 300 MBps. Several routers were placed in both the buildings in order to make the entire campus internet zone. Students are also given access to internet connection through QR code scan in their mobile devices.



Internet speed in Ground floor of Main building which shows 2.4 GHz network band with maximum speed of 300 MBps.

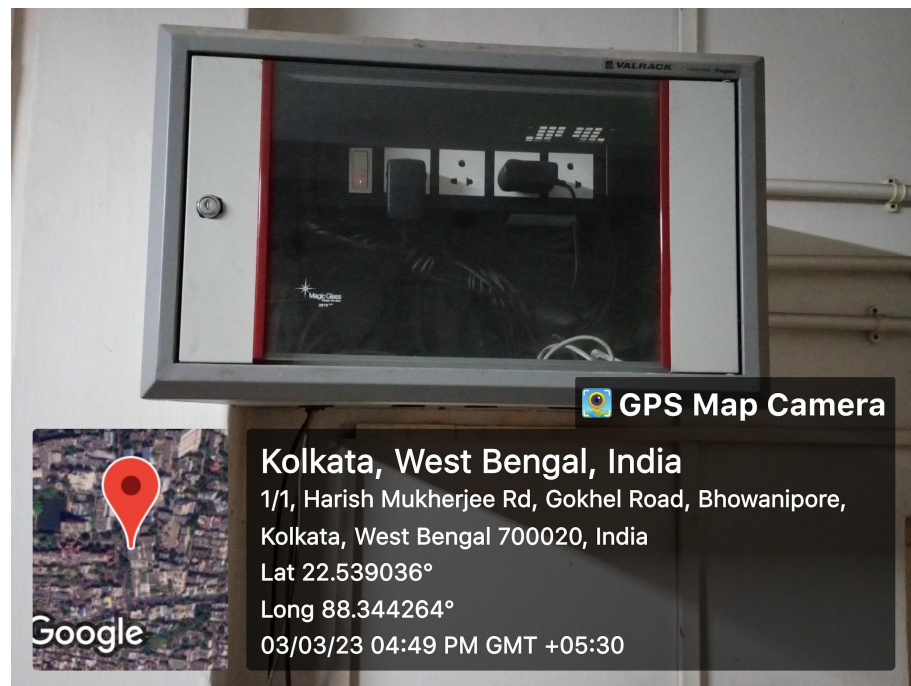


BenQ projector with wifi and in-built camera in Lecture Theater 4, Science Building. This was installed in March, 2017.



Newly bought Smart TV and internet panel. Installed on the 2nd floor of the Main building, during the Covid lockdown. Smart TVs have been

installed in English, Bengali, Economics, Geography, Education, History and Political Science departments.



Several panel boxes are placed throughout the campus. The above one is in the administrative office-2 located on the ground floor of the main building.



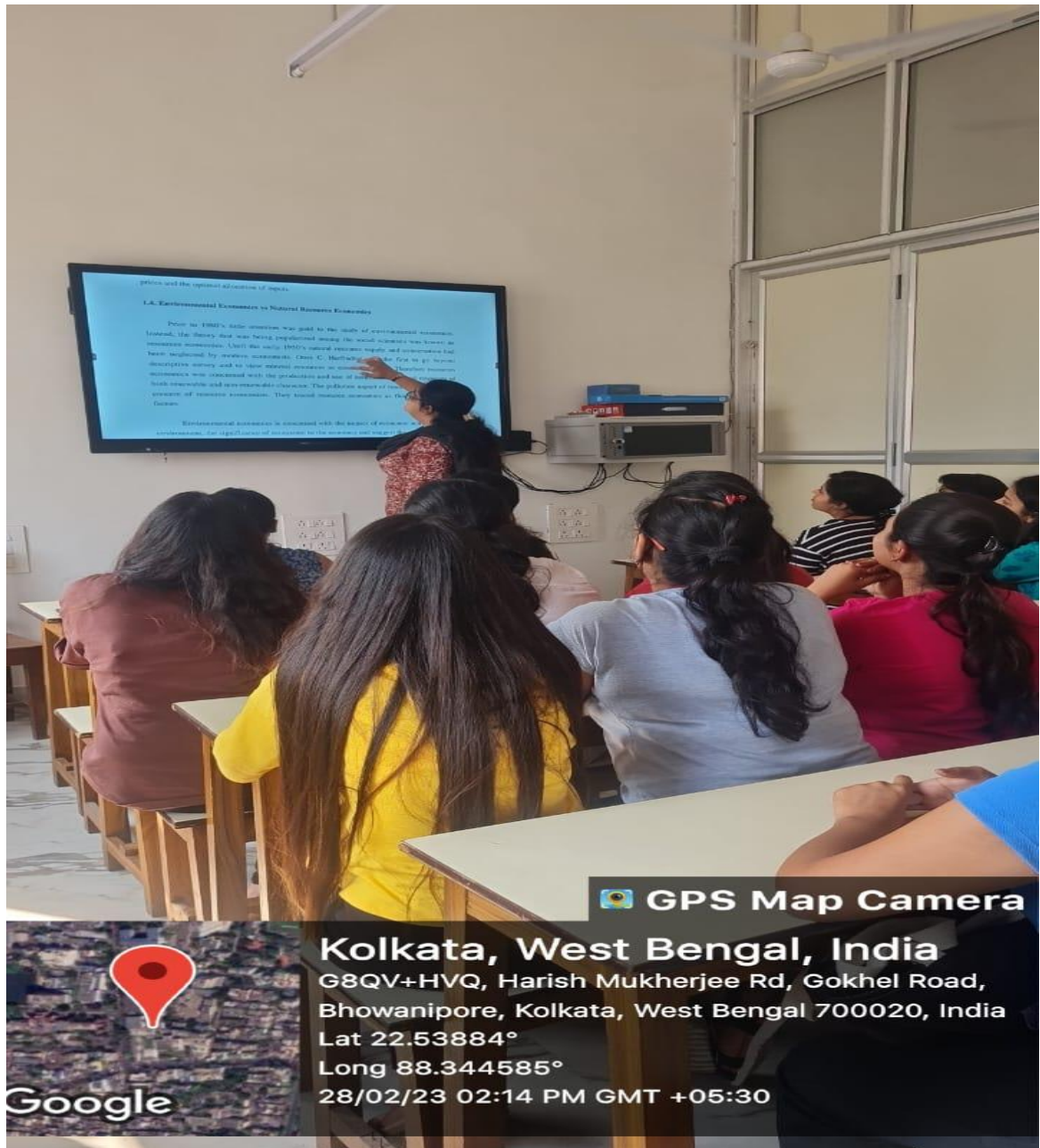
Several Routers are installed in both the buildings to distribute LAN connections throughout the campus. Wifi is password protected, however students are given access to the password using QR code provided in corridors, common room, canteen which they have to scan using their mobile devices.



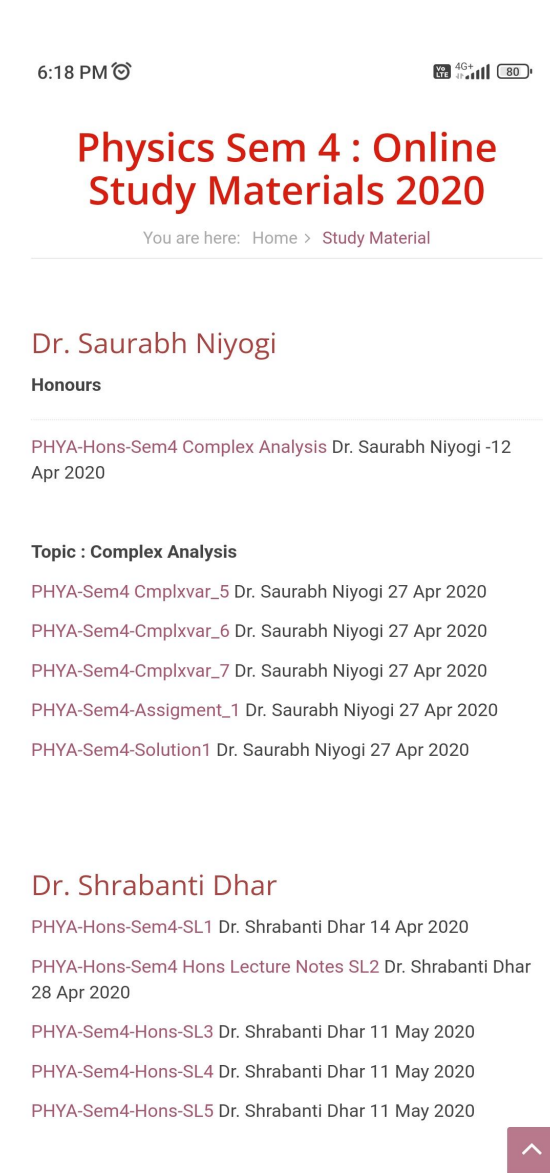
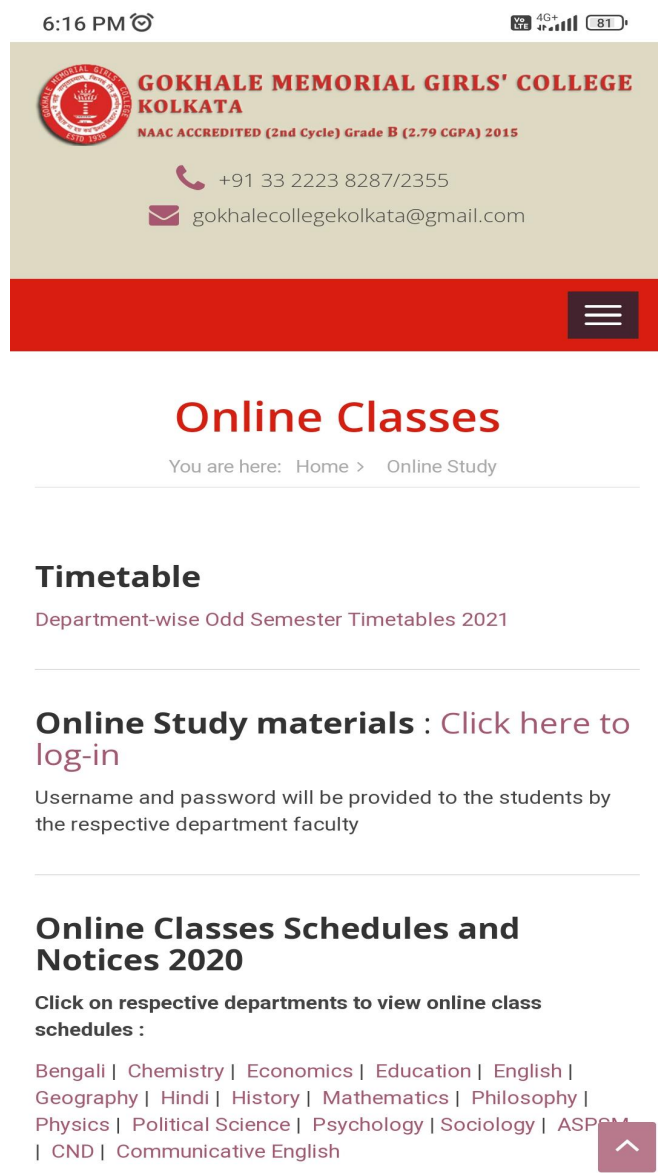
Classes using Smart TV



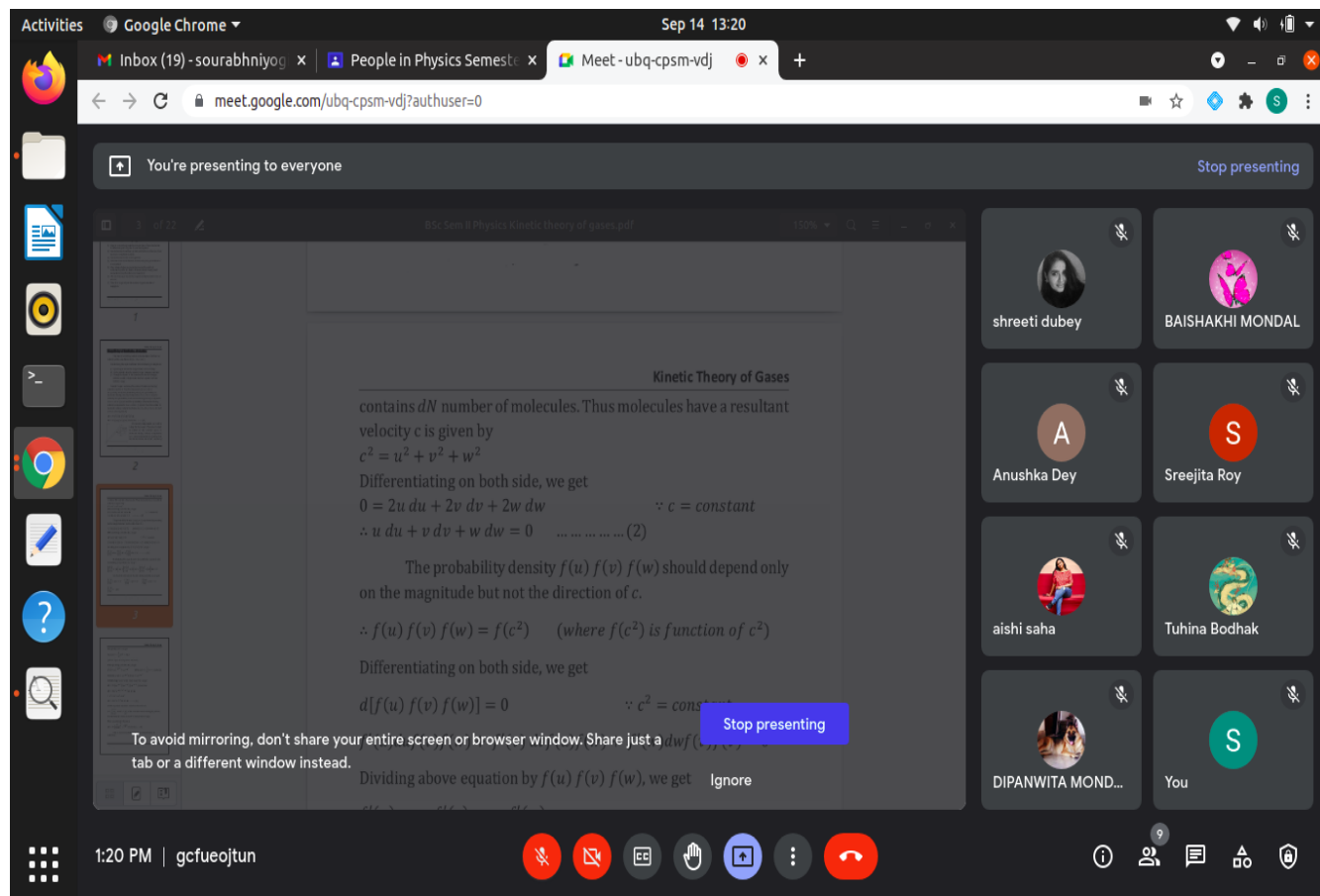
Student giving powerpoint presentation using table mount projector



A new Smart panel board has been recently installed (in the year 2023) which also has in-built Wifi facility and webcam. The panel is touch sensitive. Teachers have already started taking classes using smart panel.



During Covid pandemic in Mid-March, 2020 the college took recourse to online teaching immediately. Website was designed especially to facilitate online learning, study material uploading etc. Above pictures are screenshots of the college website which were used for scheduling online classes, deliberation of study materials. Calcutta university examinations were also conducted online. Special G-suite accounts were created for the departments and all faculty members so that sufficient space can be allocated for uploading answer scripts.

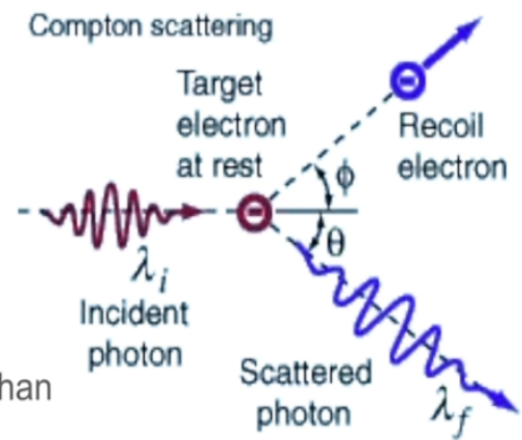


Screenshot during online class. Teachers used PPT presentation, Google JAM board for presenting the lectures. Many faculty members started making videos of their teaching in OBS (Open Broadcaster Software) studio to prepare video lectures along with powerpoint presentations and upload such videos in YouTube channels.

What is Compton Scattering?

A stream of photons come and hit various target electrons (at rest). The electrons start recoiling. The photons get scattered off in some direction.

Obviously, since the photons transfer some of their energy to the electrons, its energy is less than the incident photon energy



Screenshot of video lecture in Physics taken from a video Prepared using OBS