

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.

andom hardware addresses lelp protect your privacy by making then you connect to this network. T o this network.	g it harder for people to track your device location The setting takes effect the next time you connect	Off ~
P assignment	Automatic (DHCP)	Edit
DNS server assignment:	Automatic (DHCP)	Edit
SSID:	GMGC GF R1	Сору
Protocol:	Wi-Fi 4 (802.11n)	
Security type:	WPA2-Personal	
Manufacturer:	MediaTek, Inc.	
Description:	MediaTek MT7921 Wi-Fi 6 802.11ax PCIe Adapter	
Driver version:	3.0.1.1244	
No. of Barriel	2.4 GHz	
Network band: Network channel:	11	
Link speed (Receive/Transmit)	the literation of the second	
Link-local IPv6 address:	fe80::47:21c3:ea97:a43%5	
IPv4 address:	192.168.1.215	
IPv4 address.	192.168.1.1 (Unencrypted)	
Physical address (MAC):	90-E8-68-EE-46-49	
Physical address (MAC).		
		GPS Map Car
	Colkata, West Bengal, BRQV+HVQ, Harish Mukherjee Rd Bhowanipore, Kolkata, West Benga at 22.539124°	, Gokhel Road,
the state of	.ong 88.344669°	
A DESCRIPTION OF THE OWNER OF THE	01/01/23 12:08 PM GMT +05:30	

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.

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Online Classes

You are here: Home > Online Study

6:18 PM Ô

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Physics Sem 4 : Online Study Materials 2020

You are here: Home > Study Material

Dr. Saurabh Niyogi

Honours

PHYA-Hons-Sem4 Complex Analysis Dr. Saurabh Niyogi -12 Apr 2020

Topic : Complex Analysis

PHYA-Sem4 Cmplxvar_5 Dr. Saurabh Niyogi 27 Apr 2020 PHYA-Sem4-Cmplxvar_6 Dr. Saurabh Niyogi 27 Apr 2020 PHYA-Sem4-Cmplxvar_7 Dr. Saurabh Niyogi 27 Apr 2020 PHYA-Sem4-Assigment_1 Dr. Saurabh Niyogi 27 Apr 2020 PHYA-Sem4-Solution1 Dr. Saurabh Niyogi 27 Apr 2020

Timetable

Department-wise Odd Semester Timetables 2021

Online Study materials : Click here to log-in

Username and password will be provided to the students by the respective department faculty

Online Classes Schedules and Notices 2020

Click on respective departments to view online class schedules :

Bengali | Chemistry | Economics | Education | English | Geography | Hindi | History | Mathematics | Philosophy | Physics | Political Science | Psychology | Sociology | ASP | CND | Communicative English

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Dr. Shrabanti Dhar

PHYA-Hons-Sem4-SL1 Dr. Shrabanti Dhar 14 Apr 2020 PHYA-Hons-Sem4 Hons Lecture Notes SL2 Dr. Shrabanti Dhar 28 Apr 2020 PHYA-Sem4-Hons-SL3 Dr. Shrabanti Dhar 11 May 2020

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PHYA-Sem4-Hons-SL3 Dr. Shrabanti Dhar 11 May 2020 PHYA-Sem4-Hons-SL4 Dr. Shrabanti Dhar 11 May 2020 PHYA-Sem4-Hons-SL5 Dr. Shrabanti Dhar 11 May 2020

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 Starts 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