



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

IT - INFRASTRUCTURE



IT Infrastructure:

Knowing the importance of technology in education, the Gargaon College is well-equipped with IT facilities for education and research. The College has its own IT policy which aims at providing uninterrupted services to all stakeholders' viz. faculty, staff and students. The college wants all its stakeholders to be acquainted with modern teaching aids through its IT policy. The College updates its IT Infrastructure from time-to-time to keep pace with the changing needs in the education sector. The IT Infrastructure facilities of the college are used for academic cum administrative related activities such as admission, examinations, etc. The software related to them is upgraded from time to time. There are 157 computers in the college for students and 11 for official purposes.

The College has following IT Infrastructure to date:

- **Computer Laboratory: 5**

Sl. No.	Departments	Number
1	Commerce	1
2	Geography	1
3	Language Lab	1
4	Mathematics	1
5	PGDCA	1
Total		5

- **Laptops: 5**

Sl. No.	Department	Numbers
1	Botany	1
2	Commerce	2
3	Mathematics	2
Total		5



- Desktops: 168 Nos.

Sl. No.	Department/Office	Numbers
1	Assamese	1
2	Education	1
3	English	1
4	History	1
5	Political Science	1
6	Sociology	1
7	Zoology	1
8	Statistics	3
9	Commerce	3
10	Economics	3
11	Botany	4
12	Chemistry	5
13	Geology	5
14	Physics	5
15	Geography	9
16	Mathematics	17
17	PGDCA	55
18	Administrative Office	11
19	Central Library	32
	Total	168



- Printer: 31 Nos.

Sl. No.	Department/Office	Numbers
1	Assamese	1
2	Education	1
3	English	1
4	History	1
5	Political Science	1
6	Sociology	1
7	Zoology	1
8	Statistics	1
9	Commerce	1
10	Economics	1
11	Botany	1
12	Chemistry	1
13	Geology	1
14	Physics	1
15	Geography	1
16	Mathematics	1
17	PGDCA	1
18	Central Library	3
19	Administrative Office	11
Total		31



- Scanner : 8 Nos.

Sl. No.	Particulars	Number	Remarks
1	Barcode Scanner	5	Central Library
2	Document Scanner	1	Central Library
3	Duplex Scanner	1	Examination Branch
4	Normal Scanner	1	Administrative Office
Total		8	

- Copier Machine: 4 Nos.

Sl. No.	Particulars	Numbers	Remarks
1	Copier Machine	2	Central Library
2		1	Examination Branch
3		1	Administrative Office
Total		4	

- Internet Browsing Centers: 1 (in Library with 25 Computers)
- Internet Connections: The entire campus is Wi-Fi enabled (Jio Air Fibre, Total 8 Nos.) with high-speed internet connection to allow the faculties and students to access the internet in the college. Beside this, BSNL Broadband Fibre Line, (Total 2 Nos.), one in the library for work related to the library and the other in the administrative office for administrative work.

Sl. No.	Particulars	Bandwidth	Numbers	Remarks
1	Wi – Fi facilities (Jio Air Fibre)	100 Mbps	1	Installed at QAC Office
2	Wi – Fi facilities (Jio Air Fibre)	30 Mbps	7	Installed at Entire Campus
3	BSNL Broadband (Fibre Silver)	300 Mbps	1	Installed Central Library
4	BSNL Broadband (Premium Plus)	200 Mbps	1	Installed Administrative Office
Total			10	



• Software Used

Sl. No.	Name of the Department/Office	Software Uses	Purpose
1	Botany	• MEGA	Teaching & Practical
		• Microsoft Excel	Official Work, Computing and Statistical analysis for practical
2	Chemistry	• Gaussian • Gauss View • Chem craft • BIOVIA • Auto Dock • Discovery Studio • Chimera	Project
		• Chem Draw • ISIS Draw • Chem Lab • Avogadro • JMol • Chem Sketch • PyMol	Teaching
		• Microsoft Excel	Official Work, Statistical analysis for practical
3	Commerce	• Tally ERP 9	Teaching Accountancy
		• Microsoft Excel	Official Work, Statistical analysis for practical
4	Economics	• SPSS	Data Entry & Data Analysis
5	Geography	• ArcGIS • Q GIS	Practical (Map Making and Spatial Analysis.)
		• DNR Garmin	GPS data analysis (Practical and Field Data Analysis)
		• Microsoft Excel	Official Work, Statistical analysis for practical
6	Geology	• GIS Software	Geo-referencing and Digitization of satellite imagery (Practical and Research)
		• Microsoft Excel	Official Work, Statistical analysis for practical
7	Mathematics	• MATLAB • Mathematica • C++ • Scilab	Practical (Solving Algebraic, Matrix, Differential Equations, Linear Equations, Graph Plotting etc.)
		• Microsoft Excel	Official Work, Statistical analysis for practical



Sl. No.	Name of the Department/Office	Software Uses	Purpose
8	Physics	<ul style="list-style-type: none">• C++	Programming language and Basic mathematical calculations
		<ul style="list-style-type: none">• Scilab	Solving higher-order differential and integral equations, quantum mechanical systems, and statistical mechanics problems
9	Statistics	<ul style="list-style-type: none">• Advanced Microsoft Excel	Data Analysis, Visualization and Automation
		<ul style="list-style-type: none">• R	Statistical Computing and Graphics
		<ul style="list-style-type: none">• SPSS	Statistical Analysis (for social sciences, health sciences, and business research)
		<ul style="list-style-type: none">• TORA	Solving optimization and simulation problems in operations research and management science
		<ul style="list-style-type: none">• Python	Statistics and Data analysis
		<ul style="list-style-type: none">• NumPy	For arrays, matrices, and mathematical functions
10	Library	<ul style="list-style-type: none">• SciPy	For hypothesis testing, regression, distributions
		<ul style="list-style-type: none">• KOHA	ILMS (For Library Automation)
		<ul style="list-style-type: none">• dSPACE	Digital Library and Institutional Repository
		<ul style="list-style-type: none">• SOUL	For Library Automation
11	Administrative Office	<ul style="list-style-type: none">• OPAC/Web OPAC	For browsing the availability of Library document from anywhere 24X7
		<ul style="list-style-type: none">• Tally ERP 9	Accounting Purpose



- Online Meeting Platform: ZOOM valid till September 2024
- Official You Tube Channel: The College has its own official YouTube channel i.e. “*Gargaon College Official*” where videos related to all the events organized by the college are shared with others and can be accessed by anyone if anything is relevant to them.
- *e-Siksha*: During the Covid – 19 periods, the *e – Shiksha*, an academic platform was launched by the college for facilitating, online teaching and learning activities for the students and is regularly updated by incorporating new videos and additional study materials and resources.
- Beside this all the faculties of the colleges also uses Google Classrooms.
- Student – Computer ratio (2023 - 2024) is 1:14
- The whole college campus is under CCTV surveillance. 72 CCTV’s are installed in the entire campus of the college with digital video recorders of 2 TB capacities.

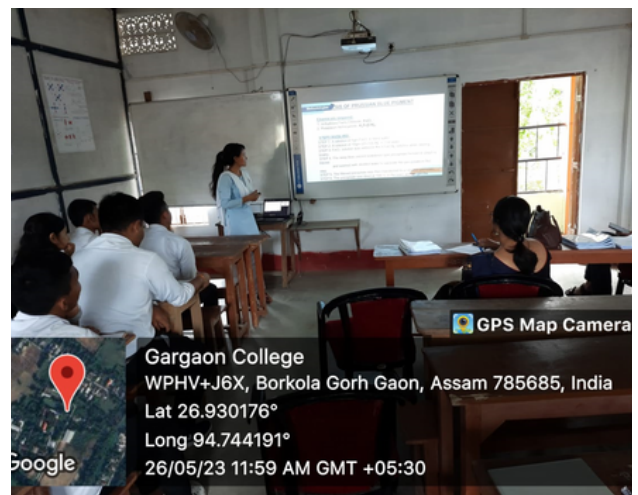
Sl. No.	Particulars	Number
1	College Premises	29
2	Library	28
3	Girls’ Hostel	8
4	Boy’s Hostel	4
5	Fisheries	3
Total		72

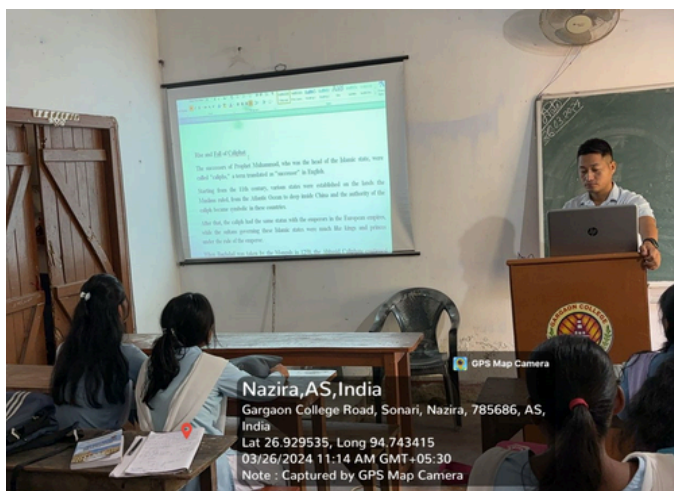


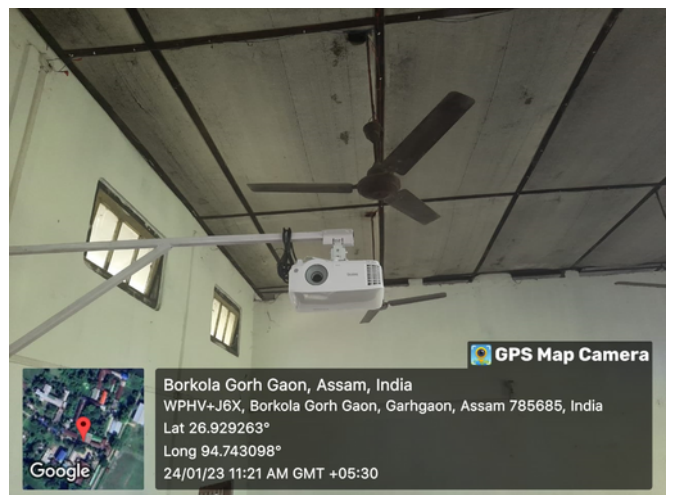
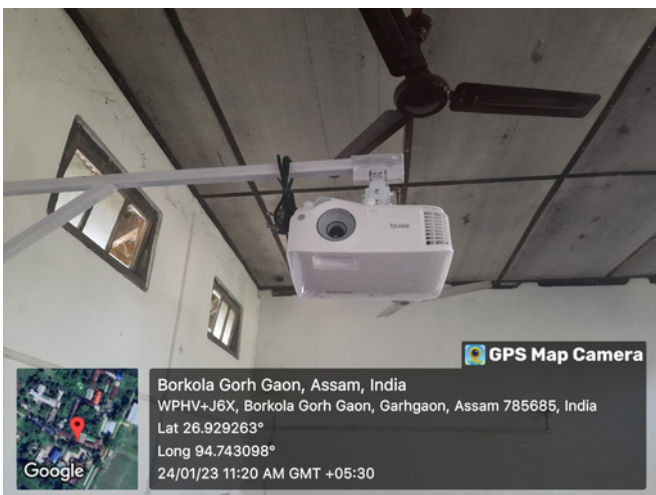
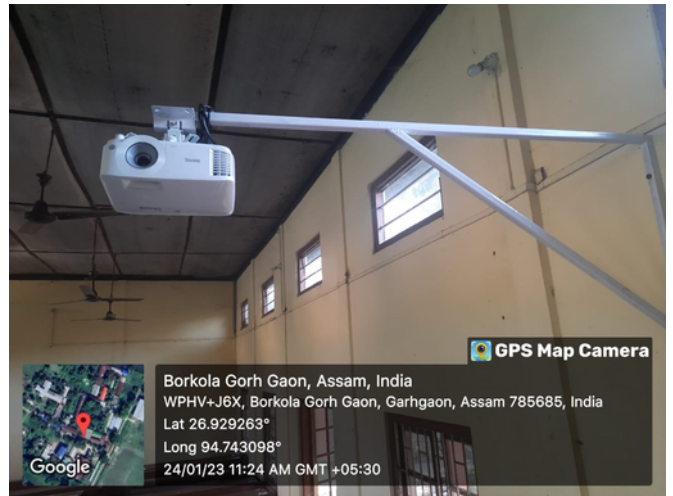
IT Infrastructure



Internet Browsing Centre

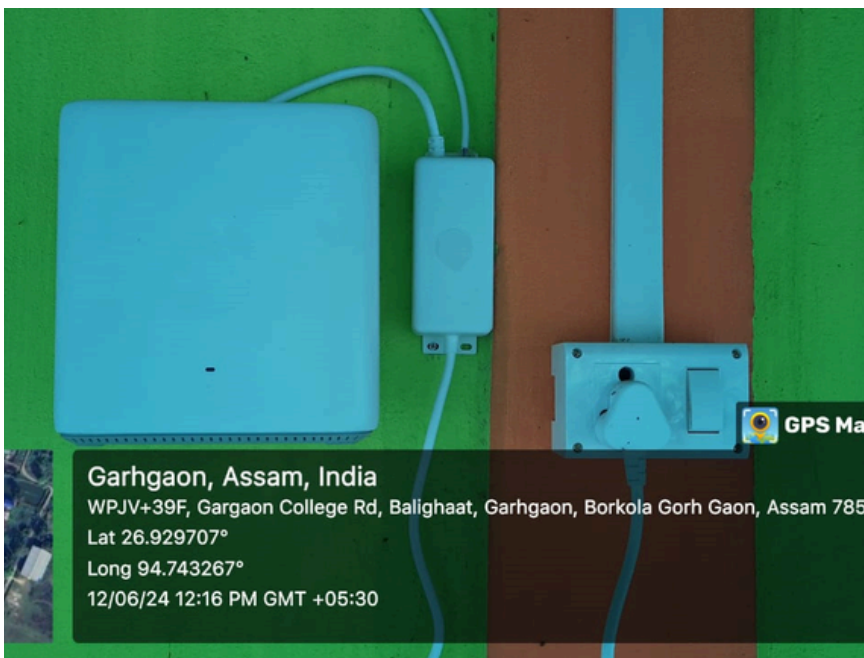


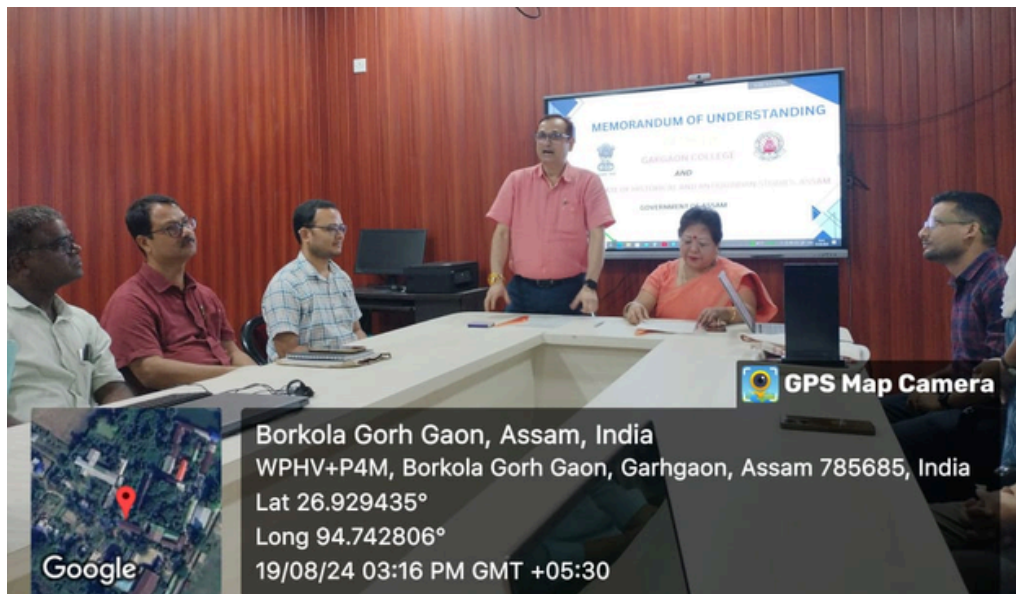




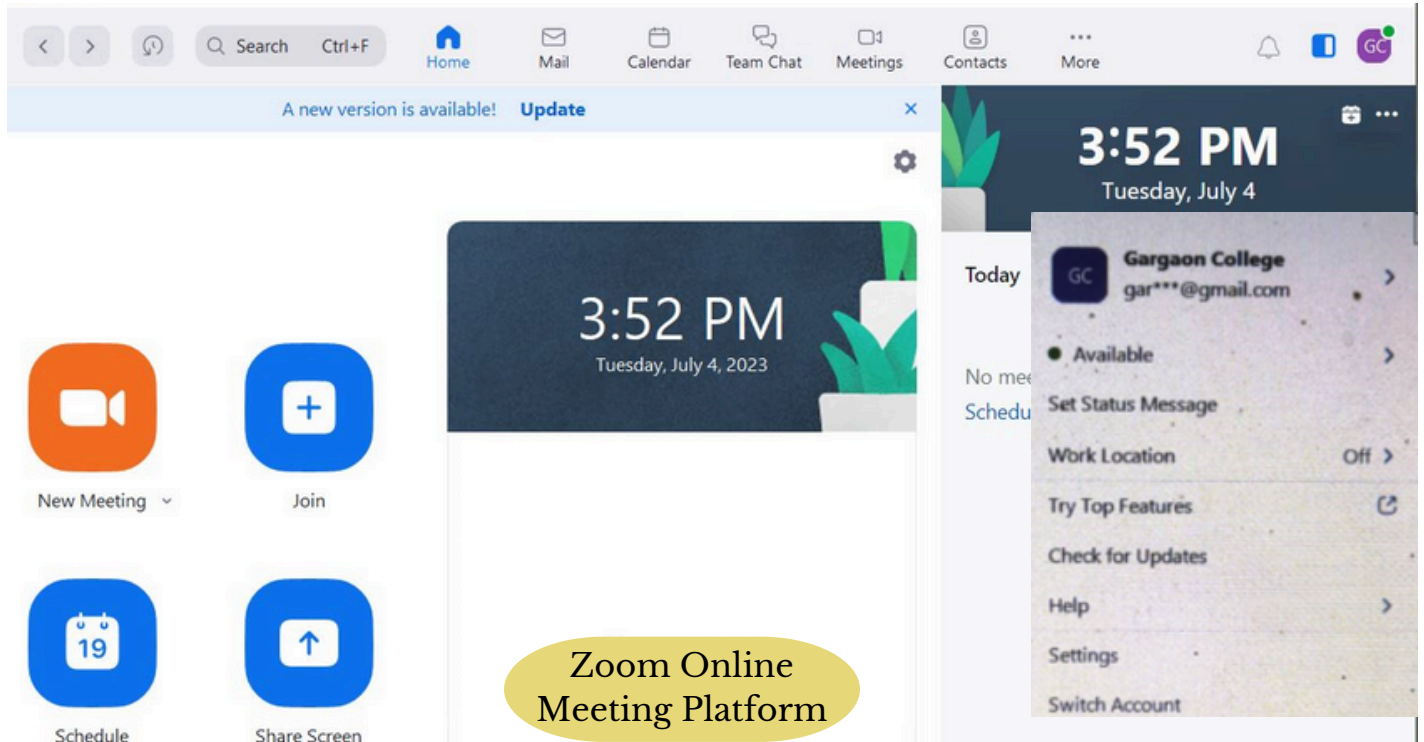
IT Infrastructure at Room No. 8, 9, 3, 4 & 5

JIO Air Fiber for Wi - Fi Campus





Interactive Panel at IQAC Office and Department of Commerce



Zoom Online Meeting Platform

Gargaon College E-Shiksha

AN E-LEARNING PLATFORM FOR THE STUDENTS OF GARGAON COLLEGE

Home

E-Contents

Special Lectures

Discussion Forum

About

Contact

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MESSAGE FROM PRINCIPAL

My dear students,

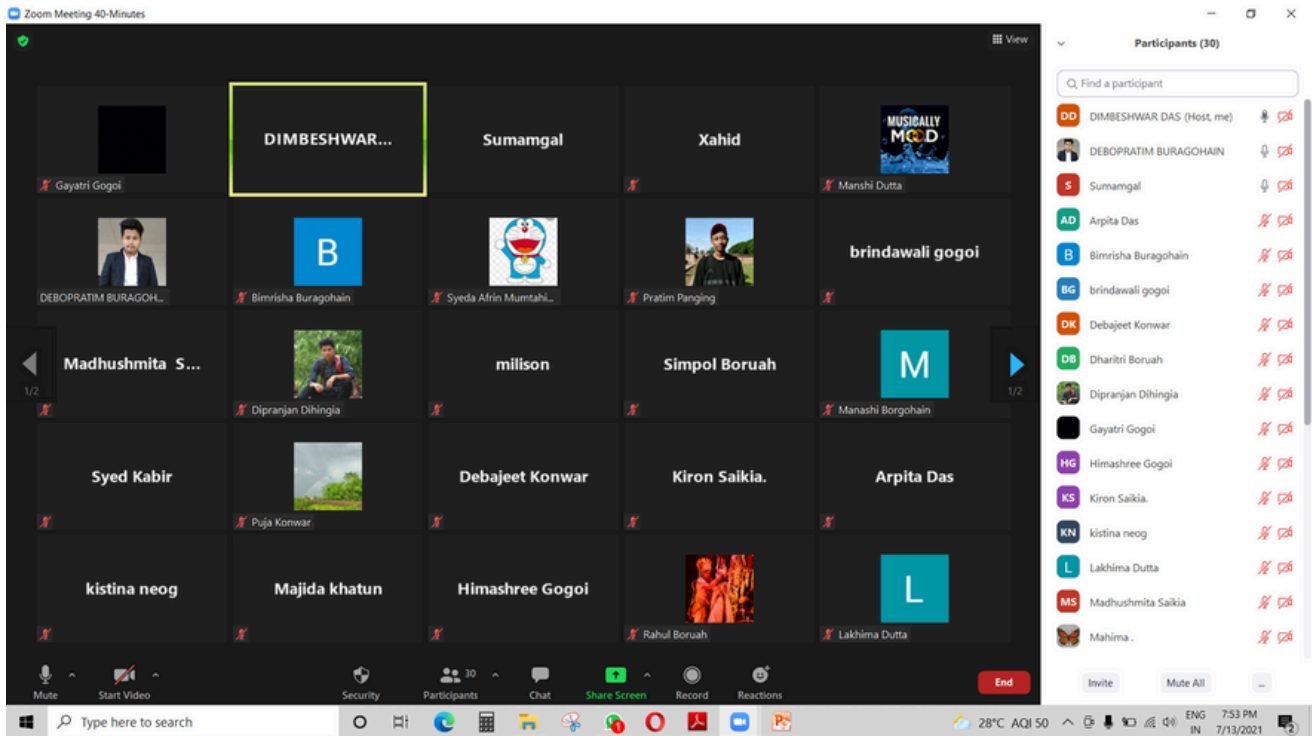
Welcome to Gargaon College E-Siksha – a platform for e-learning exclusively for our students. This is an initiative to provide you with quality e-learning materials based on

E-CONTENTS ON

Assamese, Botany, Chemistry, Commerce, Economics, Education, English, Geography, Geology, History, Mathematics, Physics, Political Science, Rural Development, Sociology, Statistics, and Zoology. The viewers

OUR YOUTUBE CHANNEL

We have one YouTube Channel named 'Special Lecture Series Gargaon College'. This Channel contains videos of Webinars, Workshops, Special Interaction Programmes, etc. We live streams some of our events through this



Online Classes on Zoom Meeting Platform



Webinar on Zoom Meeting Platform

Google Classroom

classroom.google.com/c/MzQ3NjE3Nzk5NDQ3/a/NTAzODA2OTQ0NTgw/details

Classroom > 6th Semester (2020-23)

Teaching

- To review
- FYUP MINOR ECONOMICS August 2023
- FYUP 1st Semester Econo... 2023
- 3rd Sem_2022-25_Ankikad... Honours
- 5th Semester_AD_(2021_24) Major
- MA ECO (2023-25) 1ST Se...
- MA ECO(2022_24) 3rd Se... Economics
- GE2_ECO_AD_2022-25
- 6th Semester (2020-23)**
- 6th Semester(CBCS)_AD_...
- Generic 2nd Sem_AD
- GE1: MECO (19/08/21) (Ho...

Instructions Student work

Assignment

Course Code: ECNHC502

Course Title: Development Economics - I

Ankika Dutta · Oct 28, 2022

20 points Due Nov 10, 2022

Assignment.pdf PDF

Class comments

Add class comment...

classroom.google.com/w/MzQ3NjE3Nzk5NDQ3/v/all

Classroom > 6th Semester (2020-23)

Stream Classwork People Grades

Concept, causes and types of poverty Posted Sep 1, 2022

502_Unit 1

HDI, GDI Posted Aug 26, 2022

hdr2020_technical_note... PDF

unit_1_part2.docx Word

View material

Concepts of Development: Evolution of Dev... Posted Aug 24, 2022

classroom.google.com/c/NjE1MTUzMjk1MDQ2

Classroom > BA 3rd Semester -2023

Home Calendar Teaching

- To review
- BA 3rd Semester -2023**
- BA 5th Semester
- NSS (SEC)4th Semester Pr... A
- 6th Semester (2023)
- 3rd Sem-SEC-NSS- 2022-23 A
- 4th Semester (NSS-02)-20...
- 2nd Semester (Honours)

Stream Classwork People Marks

Customise

BA 3rd Semester -2023

Class code: soc6agd

Announce something to your class

Rimjim Borah posted a new assignment: Answer the following questions. 5 Aug