



BANWARILAL BHALOTIA COLLEGE

GOVT. SPONSORED UG & PG COLLEGE (Affiliated to KNU)

Asansol, West Bengal, India

ICT BASED TEACHING-LEARNING AND EVALUATION PROCESS

AY 2019-20 UPTO DEC 31, 2020 (PREPARED FOR NAAC AQAR CRITERIA 2 REQUIREMENT)

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ICT BASED TEACHING-LEARNING AND EVALUATION PROCESS

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2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, eResources	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
Total - 141	Total - 141	Total - 121 See Annexure I and II below	Total -15 (including smart classrooms)	Total -5	Total - 121 B.B. College e-knowledge Content- 66 + B.B. College e-video Content- 55 See Annexure III and IV below for additional information

Annexure I

ICT tools and resources available

Computers with Internet facilities for students and teachers	100
Projectors and visualizers	15
Smart Boards / Interactive Whiteboards	5
Digital Pen+ Electronic Writing Pad	1

Basic ICT Tools	Equipments for Innovative Teaching Learning	Facilities for ICT based Teaching and CIE
<ul style="list-style-type: none"> ➤ Desktops & Laptops ➤ LCD Projectors and Visualizers ➤ Smartboards/ Interactive Whiteboard ➤ Digital Pen and Tablet/electronic writing pads 	<ul style="list-style-type: none"> ➤ Scanner ➤ Printer ➤ Hard Drives and Pen Drives ➤ DVDs and CDs ➤ Digital Camera ➤ Microphones 	<ul style="list-style-type: none"> ➤ ICT enabled Classrooms ➤ Departmental seminar rooms and seminar hall with projectors ➤ Computer Centre cum Examination Hall ➤ Central library facility ➤ Language Lab ➤ Recording Facility

Annexure II

Institutional Infrastructure for ICT based Teaching-Learning

Total Number of Computers with internet facilities for Academic Purpose	170
Available bandwidth (MGBPS)	50 Mbps
Computers and Internet facilities for staff	70
Computers and Internet facilities for student	100
Seminar Hall with projector and smart board facility	01
Lecture Room cum Meeting Room equipped with projector, smart board and recording facility (IQAC Meeting Room)	01
Partially automated central library facility	01

Annexure III

E-Resources and Techniques used

Softwares and ICT Tools Frequently Used for e-Content Development and CIE	e-Content Information Source by B.B. College (Links attached)	Open e-Resource and Courseware Information Frequently used (Links provided in College Website)
<p>Online web meeting platforms like Google Meet, Zoom, UpGrad, MSTeam</p> <p>Google Classrooms, Telegram Channels, WhatsApp groups</p> <p>Google Forms, Internal online-exam facility, KAHOOT</p> <p>Video/Audio/ PowerPoint presentations and SlideShare</p> <p>Spoken Tutorial</p> <p>Audio Books</p> <p>Scientific softwares and Simulation softwares</p> <p>Scanner apps like CamScanner, Adobe scanner</p> <p>OBS Studio</p>	<p>B.B. College YouTube channel (Link)</p> <p>B.B. College e-knowledge Content Link (Link)</p> <p>Electronic Resources for Remote Learning during COVID-19 (Link)</p> <p>Youtube Channels and personal websites by teachers (See Annexure IV)</p> <p>B.B. College Central Library e-Content Access (Link)</p> <p>WebOPAC (Link)</p> <p>Ask the Librarian (Link)</p>	<p>JHU press/Project Muse</p> <p>Cambridge Core</p> <p>Gale Cengage</p> <p>SCRIBD</p> <p>Class Central Massive Open Online Courses</p> <p>National Digital Library of India (NDL)</p> <p>Directory of Open Access Journals (DOAJ)</p> <p>Directory of Open Access Books</p> <p>National Programme on Technology Enhanced Learning (NPTEL)</p> <p>Shodhganga-a reservoir of Indian theses</p> <p>e-PG Pathshala</p> <p>Open Access Thesis & Dissertations</p> <p>Open Knowledge Repository - World Bank</p> <p>Legal Information Institute of India</p> <p>The OAPEN Foundation</p> <p>PubMed Central (PMC)</p> <p>Project Gutenberg</p> <p>HighWire</p> <p>Southern Connecticut State University</p> <p>AGRIS</p> <p>Science Direct Open Access Content</p> <p>AidData</p> <p>ILOSTAT</p> <p>Oxford Open</p> <p>Project Euclid</p> <p>SpringOpen Journals</p> <p>Taylor & Francis Open Access</p> <p>Cambridge University Press</p> <p>VIDYAMITRA</p> <p>Public Books Database</p> <p>Open Access Button</p> <p>PDF Drive</p> <p>Digital Archives Guide</p> <p>Seagull's library of world literature</p>

Annexure IV

ICT BASED TEACHING IN B.B. COLLEGE, ASANSOL

Offline Teaching and Student Assessment	
Offline ICT based Class Teaching	<ul style="list-style-type: none"> ➤ Powerpoint based lectures in Departments and Seminar Room ➤ Student Projects using ICT tools ➤ Computer based language lab ➤ Central Library Facilities (Departmental Libraries are offline) ➤ Open e-Resource and Courseware availed through college computers ➤ Field work
Offline ICT based Student Evaluations	<ul style="list-style-type: none"> ➤ Student Seminars using ICT tools ➤ Online Internal Assessments conducted in College Computer Centre ➤ Fieldwork projects
Online Teaching and Student Assessment	
Online ICT based Class Teaching	<ul style="list-style-type: none"> ➤ Through online meeting platforms <ul style="list-style-type: none"> - Google Meet - upGradhttp://meet.google.com - Zoom - Cisco Webex - TeamLink - Free Video Conferencing & Web Conferencing ➤ Contents (digital and scanned) and online open source content links by teachers and shared through <ul style="list-style-type: none"> - B.B. College website e-knowledge and COVID initiative - Through Personal Websites - WhatsApp Groups - Google Classrooms - Telegram Channels - Through emails ➤ Through video content <ul style="list-style-type: none"> - B.B. College Youtube Channel - Teacher's Personal Youtube Channels

Online ICT based Student Evaluations

- Departmental collaborative Question Paper preparation and internal assessment works using Google-Forms, -Docs, Spreadsheets and MSOffice apps
- Examination notices via WhatsApp groups, mails, [Google classrooms](#),
- Viva voce/ student presentations via online meeting apps
 - [Google Meet](#), [upGrad](#), [Zoom](#), [Cisco Webex](#), [TeamLink](#)
- Online assessments through
 - [Google-Forms](#)
 - [Google classrooms](#)
 - [Testmoz - Powerful but Simple Test Generator](#)

SCREENSHOTS/EVIDENCES

Open access e-Contents developed by teachers ([B.B. College e-knowledge Content Link](#))

The screenshot shows the website of Banwarilal Bhalotia College, Asansol. The page is titled "E-KNOWLEDGE" and displays a table of e-content resources. The table has four columns: Sr. No., Heading, Description, and View File. The resources are listed as follows:

Sr. No.	Heading	Description	View File
1	Department of Botany	Lecture on flower	View File
2	Department of Botany	Lecture on fruit	View File
3	Department of Botany	Lecture on Inflorescence	View File
4	Department of Botany	Lecture on leaves	View File
5	Department of Chemistry	Nomenclature of Bridge Compounds	View File
6	Department of History	Decolonization and Disarmament- Debates on Concept and Application	View File
7	Department of History	UNO as a Peacekeeping Body, Evaluation of its success and failures	View File
8	Department of History	Unit 36: 4: Apartheid 36: Origin of the Concept, its impact on World Politics, America and South Africa.	View File
9	Department of Mathematics	Lagrange's Mean Value Theorem (MVT) or First MVT of Differential calculus	View File
10	Department of Mathematics	Limit of a function of real variable	View File

Open access e-Contents developed by teachers for remote learning during COVID outbreak

Not secure | bbclib.aadijatechnologies.com/question-paper.php

Gmail YouTube Maps News LiveSession - upGrad Live Admin - upGrad PODCASTS Superscript and sub... Bangla Classic Book...

BANWARILAL BHALOTIA COLLEGE, ASANSOL
A NAAC ACCREDITED GRADE "A" COLLEGE WITH POTENTIAL FOR EXCELLENCE UNDER THE KAZI NAZRUL UNIVERSITY

Library Home College Home Rules & Regulations Web OPAC Repository N-List e-Resources Open Access Research Guide

Electronic Resources for Remote Learning during COVID-19 :-

Department :

Open Source Information and courseware

- JHU press/Project Muse
- Cambridge Core
- Gale Cengage
- SCRIBD
- Class Central Massive Open Online Courses
- National Digital Library of India (NDL)
- Directory of Open Access Journals (DOAJ)

Example: Screenshot of few such Departmental contributions by Dept. of Mathematics

Not secure | bbclib.aadijatechnologies.com/question-paper.php?dep=41&sr=Search

Gmail YouTube Maps News LiveSession - upGrad Live Admin - upGrad PODCASTS Superscript and sub... Bangla Classic Book...

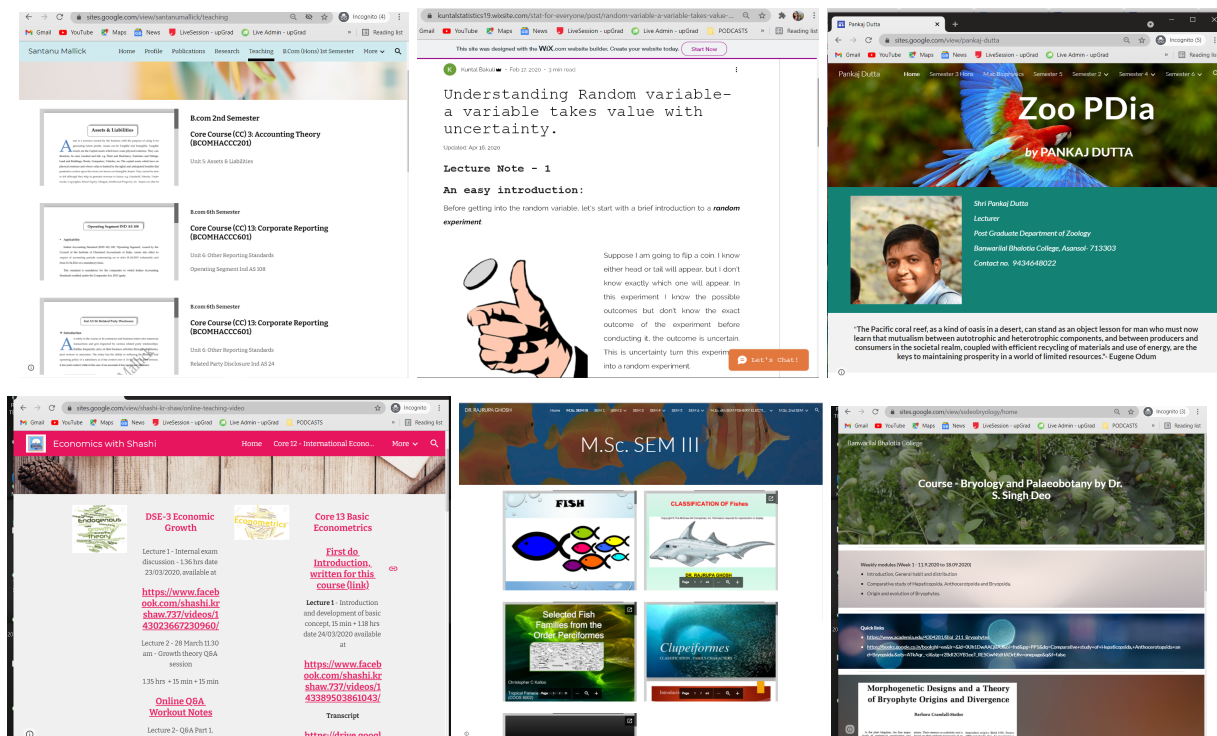
Electronic Resources for Remote Learning during COVID-19 - Mathematics :-

Sr. Semester	Course Code	Topic	Submitted By	Electronic Resources
1 Semester	Core Course IV	Differential equations	Ms. Pallabi	https://drive.google.com/open?id=1dn320uZAP73N8TM4-gF7z-9HBCOH
2 Semester	Core Course IV	Linear Differential equations	Purkait	https://drive.google.com/open?id=1Q7etJvCn23432wW5stUzwWCe568VUD
3 SEM VI	DSE	Operation Research	Dr. Dabinder Kaur	https://drive.google.com/open?id=1Lh3Lq2LUU2CWWyab_WGUY8vsv0z1
4 SEM VI	DSE	Integer Programming	Dr. Dabinder Kaur	https://drive.google.com/open?id=1qtbSMO1oDl9wNNUvZaa18p_vqgCA
5 SEM II	Paper - CC-4	Differential Equations	Dr. Sudipta Das	https://files.google.com/view/sudiptabonathworksheets-on-differential-equations-2nd-semester-paper-co-author=0
6 SEM VI	DSE	Special Theory of Relativity	Dr. Sudipta Das	https://files.google.com/view/sudiptabonathworksheets-on-special-theory-of-relativity-6th-semester-dse-author=0
7 SEM II	CC-4	Vector Calculus	Dr. Dabinder Kaur	https://drive.google.com/open?id=110p4sKvDqTJ2nmWhCN6gNBVr6-2
8 SEM II	BSCH/MT/MCC202	Differential equation	Dr. Malay Kumar	https://drive.google.com/open?id=14iyEDCaA_R5M3N8WQZ_z_WK5ZigUgK
9 SEM II	BSCH/MT/MCC201	Point set Theory UNIT-1	Dr. Malay Kumar	https://drive.google.com/open?id=1Ca1TYU8sDuz2PQFy0uE0B75odM8R0

Open Source Information and courseware

- JHU press/Project Muse
- Cambridge Core
- Gale Cengage
- SCRIBD
- Class Central Massive Open Online Courses
- National Digital Library of India (NDL)
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- Directory of Open Access Books
- National Programme on Technology Enhanced Learning (NPTEL)
- Shodhganga-a reservoir of Indian theses
- e-PG Pathshala
- Open Access Thesis & Dissertations
- Open Knowledge Repository - World Bank
- Legal Information Institute of India
- The OAPEN Foundation
- PubMed Central (PMC)
- Project Gutenberg
- HighWire
- Southern Connecticut State University
- AGRIS
- Science Direct Open Access Content
- AidData
- ILOSTAT
- Oxford Open
- Project Euclid
- SpringOpen Journals
- Taylor & Francis Open Access
- Cambridge University Press
- UNIVAMITRA

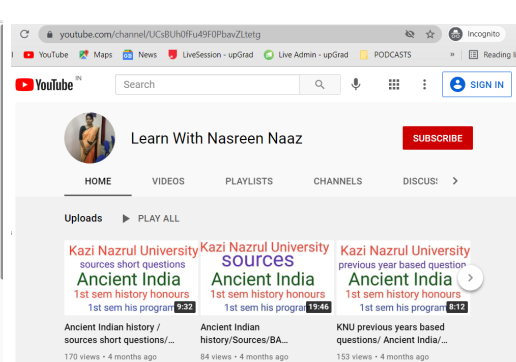
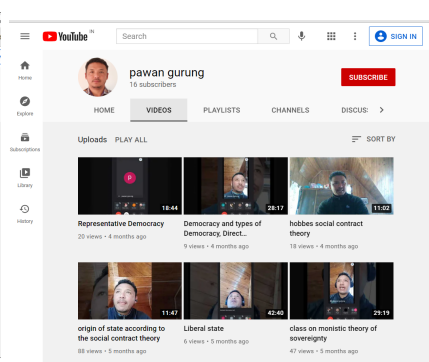
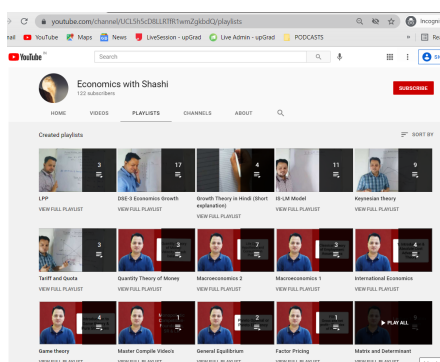
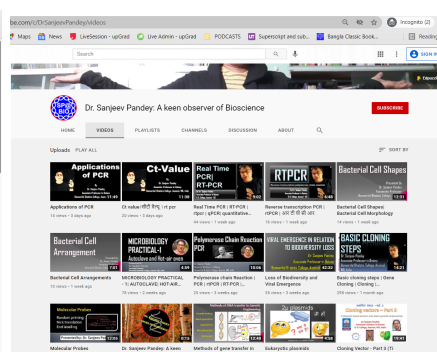
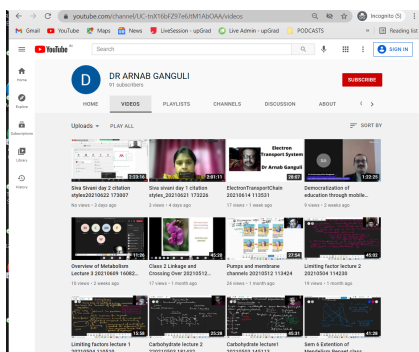
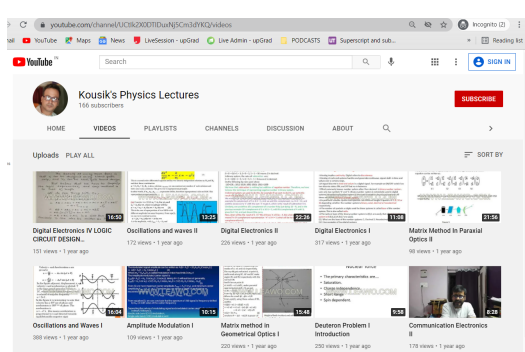
e-Contents by Faculty (Personal Websites/ Web Pages/ Blogs/Web content)



https://sites.google.com/view/klmphysics/home	Dr. Koushik Mukherjee, Physics Dept.
https://www.blogger.com/blog/posts/1411752939616525296?tab=wj https://www.ndl.gov.in/result?q={%22t%22:%22search%22,%22k%22:%22sanjeev%20pandey%22,%22s%22:[],%22b%22:{%22filters%22:	Dr. S. Pandey, Botany Dept.
https://sites.google.com/view/sudiptabbcmathworks/home?authuser=1	Dr. Sudipta Das, Mathematics Dept
https://sites.google.com/view/arnabganguli/home	Dr. Arnab Ganguly, Zoology Dept.
https://sites.google.com/view/commerceplatform	Dr. Amalendu Samanta, Commerce Dept
https://sites.google.com/view/pankaj-dutta	Pankaj Dutta, Zoology Dept.
https://sites.google.com/view/dr-chandana-singha/home	Dr. Chandana Singha, Geography Dept.
https://kuntalstatistics19.wixsite.com/stat-for-everyone	Kuntal Bakuli, Statistics Dept.
https://sites.google.com/view/shashi-kr-shaw/online-teaching-video	Shashi Kumar Shaw, Economics Dept.
https://sites.google.com/view/kajalmaji/home	Kajal Maji, Physics Dept.
https://sites.google.com/view/ssdeo29/home https://sites.google.com/view/ssdeobryology/home	Dr. S.Singh Deo, Botany Dept.
https://sites.google.com/view/sangitalahiryzoológica/home	Dr. Sangita Lahiri, Zoology Dept.
https://sites.google.com/view/santanumallick/home	Santanu Mallick, Commerce Dept
https://sites.google.com/view/websiteofdrbinitadutta/	Dr. Binita Dutta, Chemistry Dept.
https://sites.google.com/view/atrayee/home	Dr. Atrayee Dey, Zoology Dept.
https://sites.google.com/view/rajzoo/home	Dr. Rajrupa Ghosh, Zoology Dept.

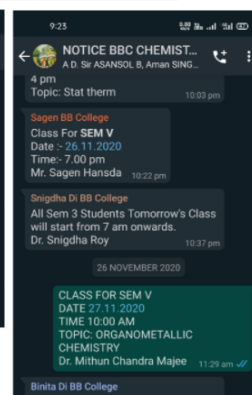
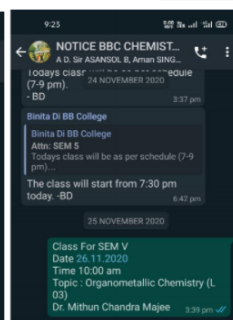
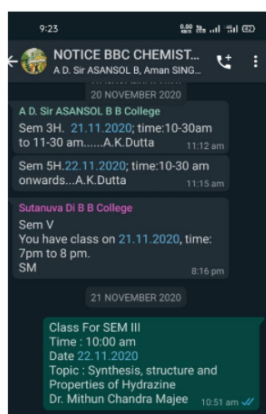
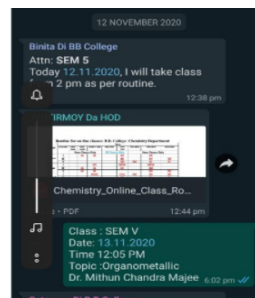
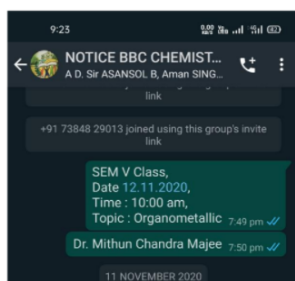
Personal Youtube Channels by B.B. College Faculties

https://www.youtube.com/channel/UCC8bnFBB4m8r-65b2rRr8zA	Dr. S. Pandey, Botany Dept.
https://www.youtube.com/channel/UCtIk2X0DTIDuxNj5Cm3dYKQ	Dr. Koushik Mukherjee, Physics Dept.
https://www.youtube.com/channel/UC-tnX16bFZ97e6JtM1AbOAA https://www.youtube.com/channel/UC-LrU5hjjAk6V32zieu15kg	Dr. Arnab Ganguly, Zoology Dept.
https://www.youtube.com/channel/UCL5h5cD8LLRTfr1wmZgkbdQ/playlists	Shashi Kumar Shaw, Economics Dept.
https://www.youtube.com/channel/UCEkPNxqqSbIPLBXdBMLHcsQ	Pawan Gurung, Dept. of Pol. Science
https://www.youtube.com/channel/UCCBnecw52IqjN0kHa9fWyPg	Dr. S. Singh Deo, Botany Dept.
https://www.youtube.com/channel/UCBazQBbRPYmqdOzgmIVIRlQ	Dr. S. Chatterjee, Dept. of History
https://www.youtube.com/channel/UCu435vdw09cPCWatT-iEzIg	Dr. Sangita Lahiri, Zoology Dept.
https://youtube.com/channel/UC_EZdmf5XRXyRkTVAvaSZg	Sayantani Roy, Geography Dept.
https://www.youtube.com/channel/UCDAc3paZRBrGeVd1Jvp9DUQ	Dr. Atrayee Dey, Zoology Dept
https://www.youtube.com/watch?v=ME1cKc8BHjE	Sayantani Roy, Geography Dept.
https://www.youtube.com/channel/UCPtWfvTzvGEPlsxQVH758hw	Dr. A. Samanta, Commerce Dept
https://www.youtube.com/channel/UCsBUh0fU49F0PbavZLtetg	Nasreen Khatoun, Dept. of History
https://www.youtube.com/channel/UCHTVhDDMZoGkk7LvJ3uU7kw/videos	Santanu Mallick, Commerce Dept



Screenshots of Some YouTube Channels by B.B. College Faculties

Online Departmental Class Notices



Physics Department

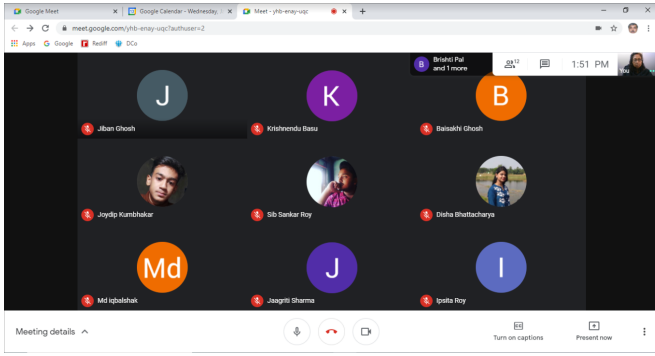
Chemistry Department

Final Schedule with linkID of upcoming online sixth sem classes

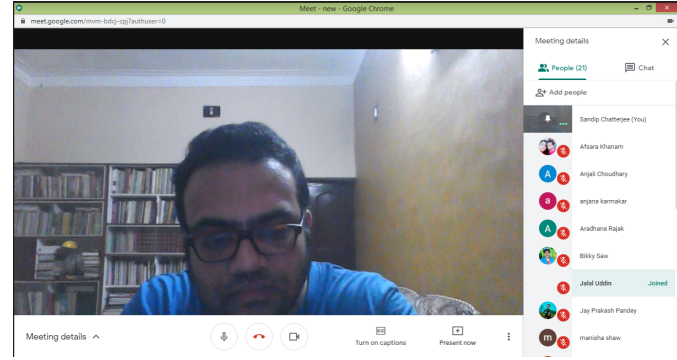
Paper name	Portion of the syllabus	Allotted Teacher's Name/Meeting URL	Date and Time
Numerical Analysis	Approximation of numbers, significant digits, Loss of significance, Algebraic manipulation for avoiding loss of significance. Errors: Absolute, Relative and Percentage errors; Round off errors; propagation of round off errors in arithmetic operations; Inherent errors in numerical methods.	BR(BBC) https://meet.google.com/bst-pjuq-dxb	From 3 pm to 4 pm on 13/06 & 14/6
	Polynomial Interpolations: Existence and uniqueness of interpolating polynomials, error in interpolation, Lagrange's interpolating formula, Newton's divided difference interpolating formula, properties of divided differences, forward and backward difference operators and their relations, Newton's forward and backward difference interpolation formulae. Central difference and averaging operators, central interpolation formulae: Statement of Gauss, Stirling and Bessel's formulae and their applications. Concept of piece-wise polynomial interpolation, Idea of Inverse interpolation. Error in interpolation. Numerical differentiation based on equi spaced argument values. Error in differentiation formulae.	F B (AGC) https://meet.google.com/cam-vufd-mag	From 8 am to 9 am on 15/6, 16/6, 17/6, 18/6 & 19/6
	Numerical solution of non-linear equations: Solution of algebraic transcendental equations (real roots only): (i) Method of Bisection, (ii) Regula Falsi Method (iii) Secant Method (iv) Newton – Raphson Method (v) Fixed point iteration method. Convergences and rate of convergence of these methods.	PP(BBC) https://meet.google.com/xdv-hygt-ost	From 9 am to 10 am on 17/6, 19/6 & 22/6
	Solution of a system of linear algebraic equation: Gauss' Elimination and Gauss Jordan methods, Pivoting methods, Jacobi and Gauss-Seidel methods with convergence criteria.	AB(BBC) https://meet.google.com/yib-acsq-uyj	From 7pm to 8pm On 24/6 & 25/6

Mathematics Department

Online Class Evidences

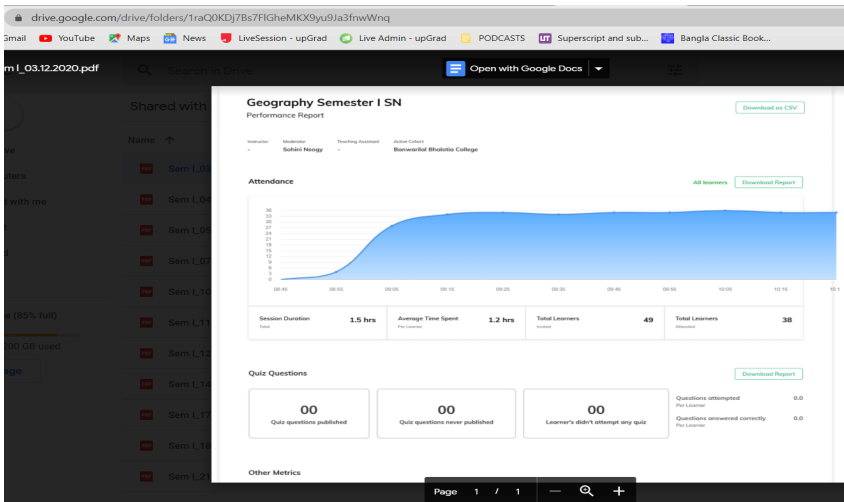


Mausumi Ghosh, Department of Economics



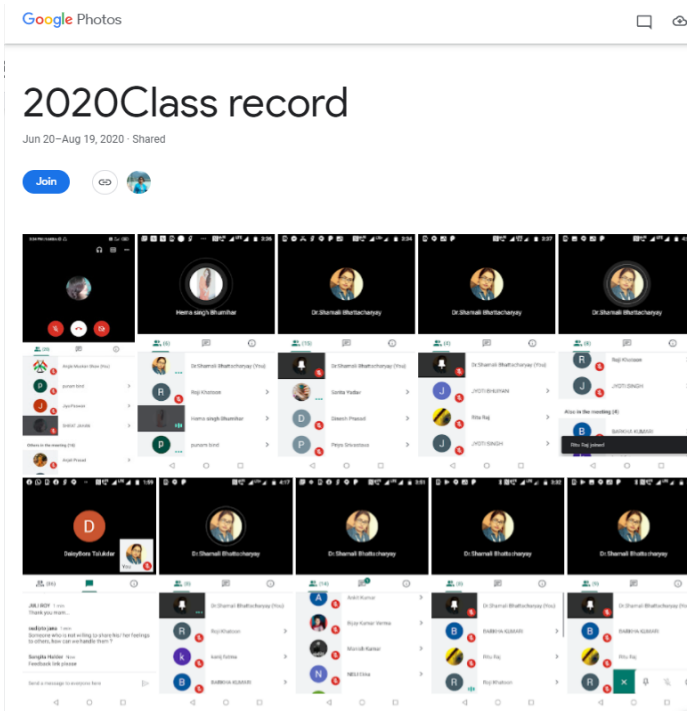
Dr. Sandip Chatterjee, Department of History

(Online Class by Google Meet)



(by upGrad)

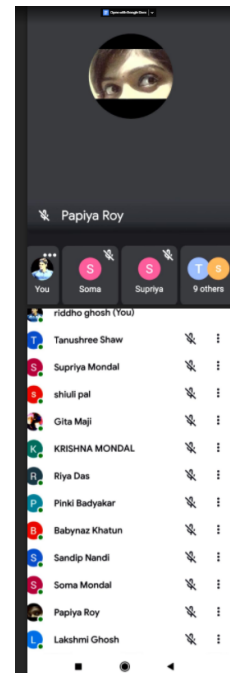
Online Class by Sohini Neogi, Faculty of Department of Geography



(by Zoom)

Online Class screenshots by Dr. Shamali Bhattacharya, Faculty of Department of History (- Left)

By Dr. Laila Mitra, Faculty of Department of Bengali (Right --)



Online Class Attendance Recording

5th Semester Attendance

☆🔒

File Edit View Insert Format Data Tools Add-ons Help

🖨️📶100%👁️View only

A1

fx

Name of students

	A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	U	V	W										
1	Name of students	9th march	11th January	Jan19th	Janth	Januzh	Janus8	JanuarJrd	Feb5th	l6th	Feb	7th	Feb	after	8th	Febr	13th	Feb	14th	Feb	15th	Feb	19	Feb	20th	feb	23		24	Feb	27	Feb
2	AJAY SINGH	s							1	2						3			3				4					5			6	
3	ANIKET KUMAR	s	1	2		3	4	5	6			7			8	9	10		11	12		13		12	13						14	
4	DEBIKA CHAR	s	1	2	3	4	5	6	7	8	9	10				11	12		13			14	15				16					
5	G.SAI GANESH	s	1	2	3	4	5	6	7	8	9			10	11	12						13	14				15					
6	JUHI YADAV	absent							1			1		2		3	4	5	6		7											
7	KAINAT ANJUM	absent	1	2	3	4	5	6	7	8	9	10		11	12	13		14														
8	KAKULI MONDAL	s	1	2	3	4	5	6	7	8	9				10	11		12		13				13				14				
9	KAZI NISHAN HAFIZ	s	1	2	3	4	5	6		7		7		8														9				
10	KHAHKASHAN ANJUM	s	1	2	3	4	5	6	7	8					9	10																
11	LARAIB KHANAM	s	1	2	3	4	5	6		7	8		9	10	11																12	
12	M ABHISHEK KUMAR	s	1		2	3	4	5		6	7	8		9	10										11	12			13			
13	MANISHA MAJI	s	1	2	3	4	5	6	7	8	9				10									12	13							
14	MEGHNA LAL	s	1	2	3	4	5	6	7	8	9	10		11															12			
15	PRIYANKA KUMARI	s		1	2	3	4	5	6	7	8		9	10		11	12	13		14	15	16					17					
16	PUTUL KUMARI YADAV	s								1							2				3		4									
17	RAVI NUNIA	s			1		2	3	4	5		6	7	8	9						10		11									
18	RUKSAR PARBEEN	s		1	2			3	4			5	6		7					8												
19	SAKSHI KUMARI	s										1																				
20	SALMAN KHAN	s	1	2	3	4	5	6	7	8		9			10									11	12							
21	SANIANA KUMARI GUPTA	s						1			2						3	4														
22	SHAISTA PARWEEN	s						1	2	3	4	5		6		7		8		9		10						10				
23	SHRADHA SUMAN RAM	s		1		2		3	4	5	6	7		8										8				9			10	
24	SUBHADRA MITRA	s																														
25	SUNIDHA SHAW	s			1		2	3			4	5		6		7		8														
26																																

Online Class Attendance Recorded by Shashi Kumar Shaw, Faculty of Department of Economics

google.com/drive/folders/193qwlYay8ONbyd4a3VNVNtXh9YVxUzL

YouTubeMapsNewsLiveSession - upGradLive Admin - upGradPODCASTS»Rea

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> ONLINE ATTENDANCE > 08-12-2020 TILL 24-12-2020

Name	Owner	Last modified	File size
<div>attendance-report (1).2.csv</div>	ARPAN TEWARY	Dec 23, 2020	268 bytes
<div>attendance-report (1).csv</div>	ARPAN TEWARY	Dec 8, 2020	819 bytes
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AppsGmailYouTubeMapsNewsLiveSession - upGradLive Admin - upGradPO

attendance-report (1).csv

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Windows

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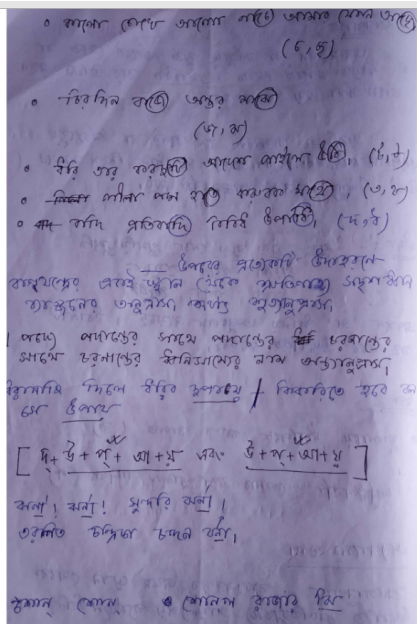
Automated upGrad Class Attendance Record files by Arpan Tewary, Faculty of Department of Computer Science

Limited access e-Contents by Faculty

During the prolonged lockdown due to the current COVID-19 pandemic, the regularity of Teaching-Learning was maintained not only by providing open access e-contents, our faculties regularly have taken classes. Besides, regular class notes were developed and distributed by our faculties through personal google classrooms, telegram channels and WhatsApp groups considering the fact that the offline access of library books was not possible by students during lockdown. Some screenshots of such limited access e-contents by our faculties have been provided below.

Shared with me > Study Materials

Name	Owner	Last modified
Alaukika.pdf	Tutul Chattaraj	Jun 21, 2020
Backlog.pdf	Tutul Chattaraj	Jul 18, 2020
Berkeley Subjective Idealism.pdf	Tutul Chattaraj	Jun 8, 2020
Bochon ebong Bochonakar.pdf	Tutul Chattaraj	Jun 3, 2020
Bochon er Abortion.pdf	Tutul Chattaraj	May 11, 2020
Bochner Biorodhita (Opposition of propositions).pdf	Tutul Chattaraj	Jun 1, 2020
Boolean Interpretation, Venn Diagram, Syllogisms.pdf	Tutul Chattaraj	Jul 26, 2020
Categorical Syllogism.pdf	Tutul Chattaraj	Jun 18, 2020
Chol-Jati.pdf	Tutul Chattaraj	Dec 4, 2020
Deho Moner Sombondho - Descartes.pdf	Tutul Chattaraj	Jun 1, 2020
Distribution of Terms (Poder Byappotta).pdf	Tutul Chattaraj	Apr 29, 2020

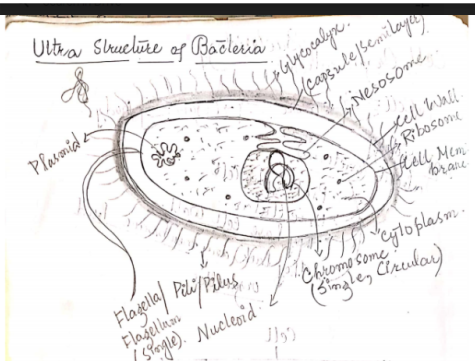


Notes Shared by Tutul Chattaraj, Philosophy Dept.

Scanned note by Dr. Ritwik Roy, Bengali Dept.

drive.google.com/drive/folders/19VbJfAf0vXQL0xvsi522MiYtWeANFe

Scanned with CamScanner



Ultra Structure of Bacteria

- Plasmid
- Flagella
- Pili/Pilus
- Nucleoid
- Chromosome (Single, Circular)
- Cytoplasm
- Cell Membrane
- Cell Wall
- Ribosome
- Nesosome
- Flagellum (Single)

Size

E. coli 1.0um

Pico/Nano (micron) < Viruli < Sentimetric

Smallest → Mycoplasma

Largest → Eupulopsis, scum-fishelsoni

homasaranta namih...

Class Notes Shared by Sudeshna Mitra, Faculty of Department of Microbiology

<- Left

Class Notes shared in WhatsApps Dr. R. Ghosh, Zoology Dept.

Right ->

21:37

PG 3rd Sem RG & AD ma'am

Atreyee, Priya Bc Asansol, +91 6297 933...

Meeting URL: <https://meet.google.com/qbc-ijwc-evg>

Join!

20:52 ✓

Presentation for st...

16 KB • XLSX 20:59 ✓

ELASMOBRANCH...

3.9 MB • PDF 21:01 ✓

FLAT FISH.pdf

1.1 MB • PDF 21:01 ✓

FLAT FISHERY.pdf

618 KB • PDF 21:01 ✓

Hilsa fishery.pdf

2.6 MB • PDF 21:01 ✓

HILSA FISHERY1.pdf

35 MB • PDF 21:01 ✓

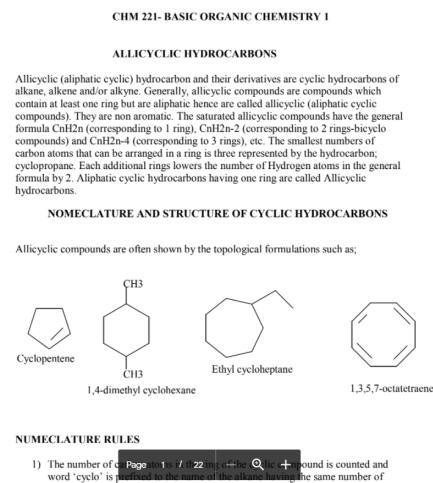
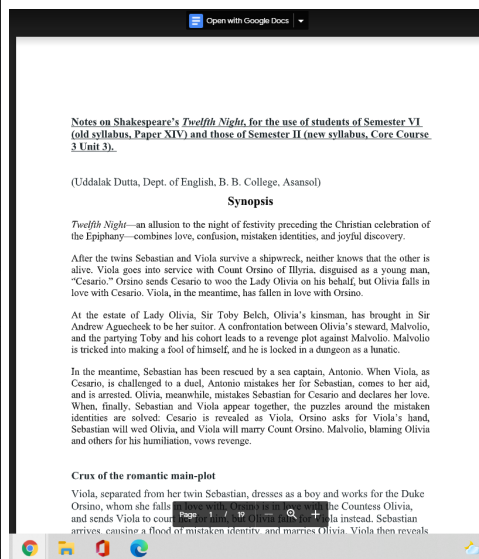
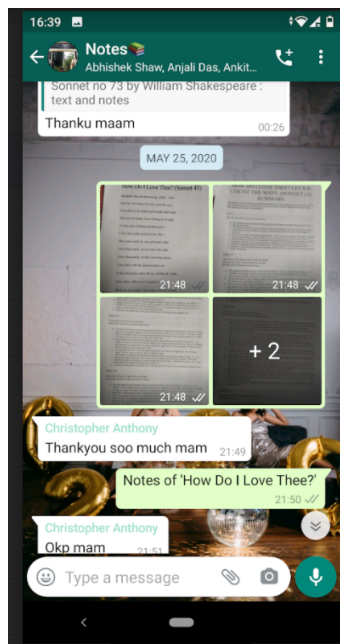
pomfret FISHERY.pdf

743 KB • PDF 21:01 ✓

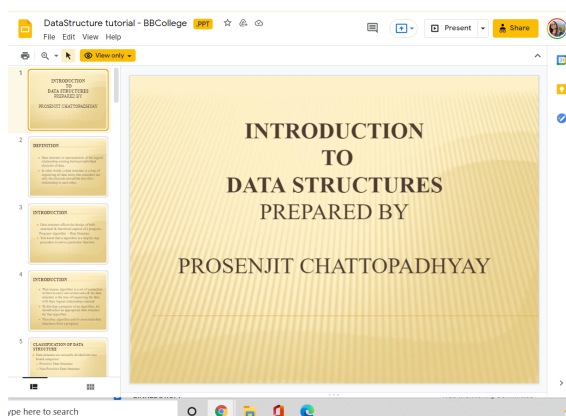
+91 79065 04703 -Sudeshnahaldar

Mam khn cls hbe 21:14

Type a message

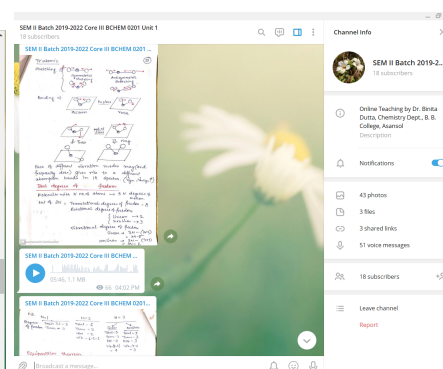
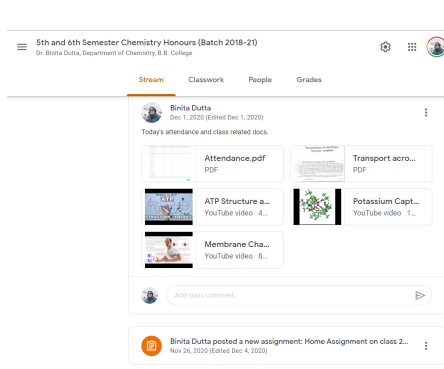
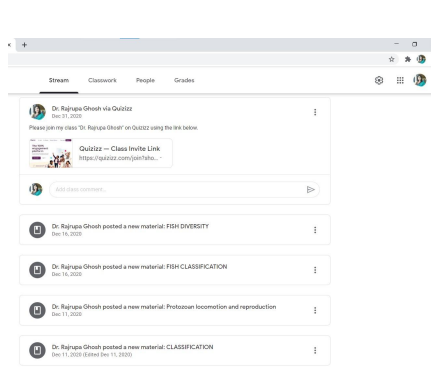


Class Notes by Saswati Nayek (Left), Dr. Uddalak Dutta (middle), Department of English and Dr. Snigdha Roy, Department of Chemistry (Right)



Class Notes by Manas Ray (MSPowerPoint) and Prasenjit Chattopadhyay (Google slides), BCA Dept.

Limited access e-Contents through (Personal Google Classrooms and Telegram Channels)



Class Notes by Dr. Rajrupa Ghosh, Zoology Dept.(Left) and Dr. Binita Dutta (Chemistry Dept.) (rest two)

B.B. College Central Library Facility and WebOPAC

BANWARILAL BHALOTIA COLLEGE, ASANSOL
A NAAC ACCREDITED GRADE "A" COLLEGE WITH POTENTIAL FOR EXCELLENCE UNDER THE KAZI NAZRUUL UNIVERSITY

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RULES & REGULATIONS OF THE COLLEGE LIBRARY

(i) Users must bring their Library Cards at the time of using of the College Library.

(ii) They should remain silent inside the College Library. Use of mobile phones is strictly prohibited inside the College Library.

(iii) Library can recall any issued book even before due date. Books must be returned by the students within 15 days from the date of issue. Defaulters have to pay a fine of Rs. 1 per day per book.

(iv) Outside members i.e. students of IGNOU and NSOU study centres and local people are not be allowed to borrow books but they are allowed to access documents within library.

(v) Books lost, damaged or defaced must be replaced by the borrower. If the lost book is not available, the borrower will have to pay a fine determined by the Head of the Institution.

(vi) Reference books, costly and rare books are not to be issued from the library without the written permission of the proper authority.

(vii) For Loss of library cards or books should be immediately reported to the Librarian in writing duly forwarded by the Head of the Institution for information & necessary action to the local Police Station. Verbal intimation will not be entertained. For a new Library Card after loss, students have to deposit one passport / stamp size Colour / black & white photograph and Rs 25/- for each new Library Card.

(viii) Students appearing for the University Examinations must return the library books and the cards. They should collect a library clearance certificate from the library before receiving the admit cards.

Information

University Grants Commission
Ministry of Human Resource & Development
University of Burdwan
West Bengal Department of Higher Education
Finance Department, Government of West Bengal
Kazi Nazrul University

Present Strength of the Library

TOTAL NO OF BOOKS — 47,000 (Approximate)
TOTAL NO OF JOURNALS —
NUMBER OF NEWS PAPERS — Four
Students can access their books & journals in the library through the UDC - designed SOUL software. For this purpose a short term training will be imparted to all new comers free of cost. Internet Facility available on request.

Loss of Library Cards

For Loss of Library cards or books should be immediately reported to the Librarian in writing duly forwarded by the Principal for information & necessary action to the local Police Station. Verbal information will not be entertained. For a new Library Card after loss, students have to deposit one passport size Colour / black photograph and Rs. 15/- for each card.

COLLECTIONS OF THE LIBRARY	SERVICES OF THE LIBRARY
Books (Text & Reference): More than 60000 copies	Reference and Referral Service
On-line Subscription: INFLIBNET LIST	Display of Magazines, Journals and Newspapers
Newspapers: 2	Career Guidance Service
Database - SOUL 2.0	On line Journals and e-books
Institutional Membership: National Digital Library	User Orientation and Awareness Programme

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University of Burdwan
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Screenshots of the e-Content and WebOPAC webpages

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Subject

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English

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OPAC Report

10 records per page

Search:

Sl. No.	AccessNo.	Call No.	AuthorName	BookTitle	Subject	Publisher	View	Catalog Details
1	560	812.08	Cerf, Bennett A..	Sixteen famous American plays Bennett A.Cerf, Van H. Cartmell: with an introduction by Brooks	American drama in English	New York Modern Reader	View	View
2	43892	813.9	Bradbury, Malcolm.	The Modern American novel Malcolm Bradbury	American fiction in English	Kolkata Oxford University Press	View	View
3	G0117	813.09	Chase, Richard.	The American novels and its tradition Richard Chase	American fiction in English	Kolkata Kalyani Publishers	View	View
4	24855	810.9	Pritchard, John Paul.	Criticism in America John Paul Pritchard	American literature in English	Ludhina Lyall Book Depot	View	View
5	2108	810	Wykes, Alan.	A Concise survey of American literature Alan Wykes	American literature in English	London Arthur Barker	View	View
6	1888	811.08	Rodman, Selden.	100 America poems : masterpieces of lyric, Epic and Bauad From colonial times to the present / Selden Rodman .	American poetry in English	New York New American Library	View	View
7	2173	815	Ghosh, D. N. .	Speech on conciliation with America D. N. Ghosh	American speeches in English	Calcutta Modern Book Agency	View	View
8	1864	116	George Gaylord Simpson.	The meaning of evaluation : a special revised and abridged editions / George Gaylord Simpson .	Change english	[S.I]: A Mentos Book,	View	View
9	43856	881.0114	Amlan Das Gupta..	Aristotle poetics. Amlan Das Gupta.	Classical Greek poetry English.	Delhi Pearson Education	View	View
10	1139	881.011 416 2	Lucas,F.L.	Tragedy : in relation to aristotle 's poetics. / F.L.Lucas.	Classical Greek poetry English.	London Hogarth Press	View	View

Showing 1 to 10 of 1,752 entries

Previous
1
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...
176
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Search response of the 'Subject: English' showing 1752 entries in WebOPAC

The e-Resource Information and 'User-Librarian Interface' in Website (Ask the Librarian)

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Department Syllabus
Departmental Activities Plan
Electronics Resource for Students
College Test Questions
College Mid term Questions
Departmental Instructional Sheet

Open Access e-Resources

e-Journals	Scholarly Archive	E-Books
e-Thesis	E-Books & Digital Library	Open Course ware & MOOC
Language, Learning and Pedagogy	DOCC	

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University Grants Commission
Ministry of Human Resource & Development
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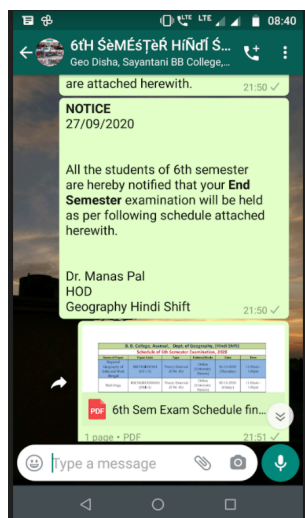
Give Your Comments :

Submit

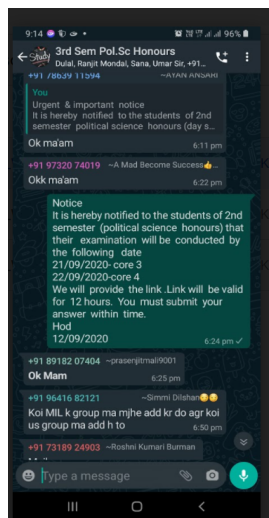
College Address

GT Rd, Ushagram, Asansol,
State - West Bengal, Country - India-713303.
Contact : 0341-2716402; 2715414
Website : [www.bbcollege.ac.in](#)
Email : [library.020.bbcollege@gmail.com](#)
Fax No : 0341-2274529
Contact Email
Email : [library.020.bbcollege@gmail.com](#)

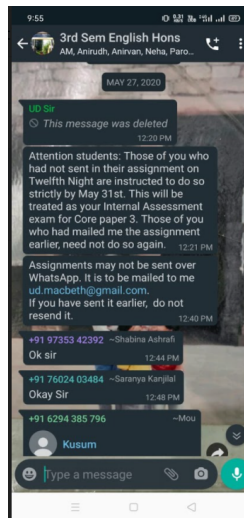
Online Exam Notices (Through Departmental WhatsApp groups mostly)



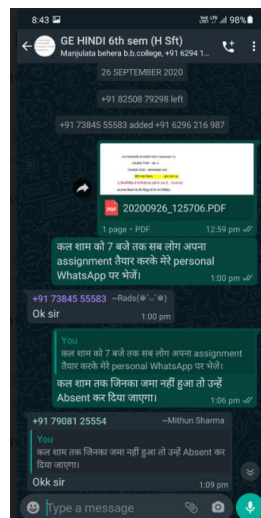
Geography Dept.



Pol. Science Dept.

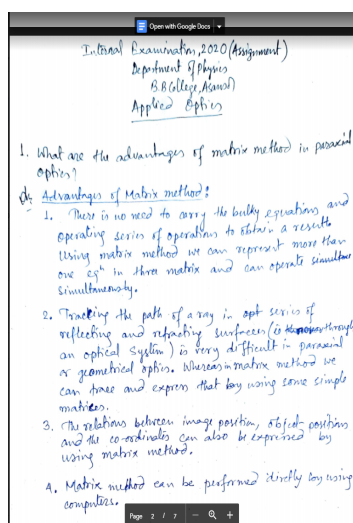


English Dept.

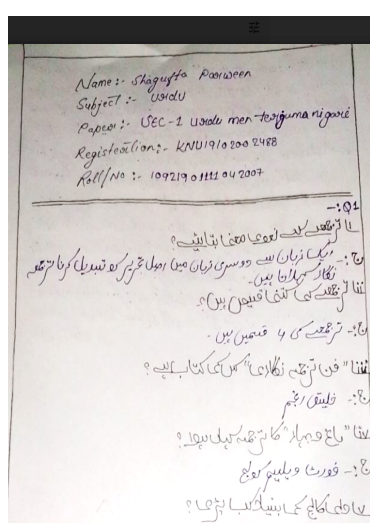


Hindi Dept.

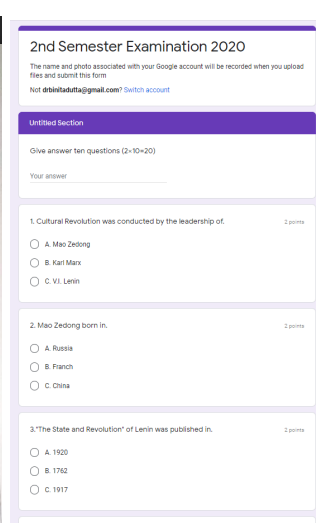
Online Student Assessments using Google Forms/ Scanned Docs



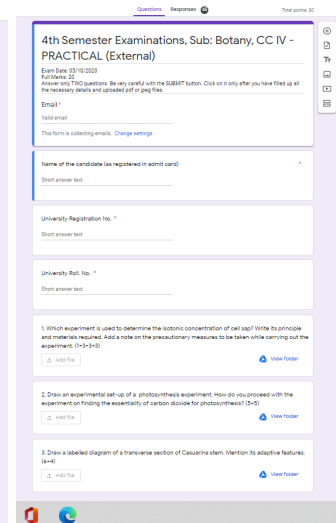
Physics Dept.



Urdu Dept.

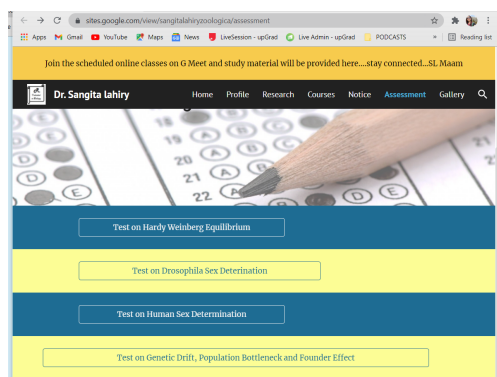


Pol. Science Dept.

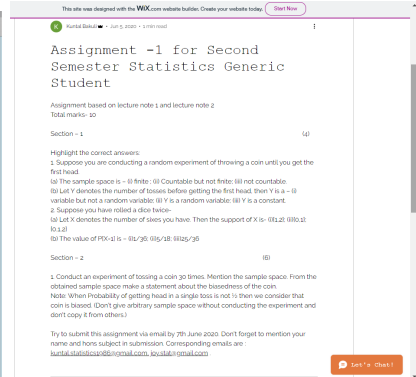


Botany Dept.

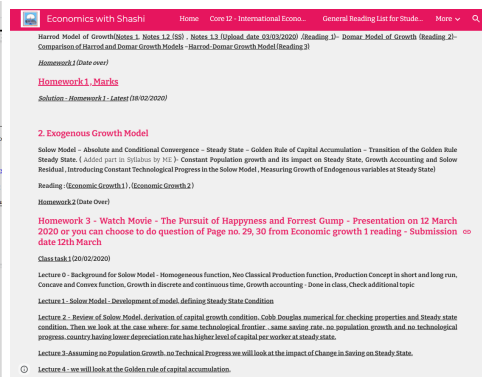
Online Student Assessments through Personal Websites



Exams by Dr. Sangita Lahiry, Zoology Dept

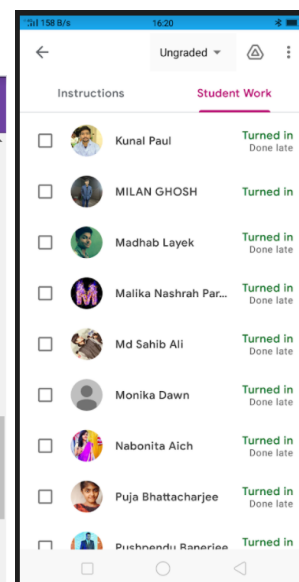
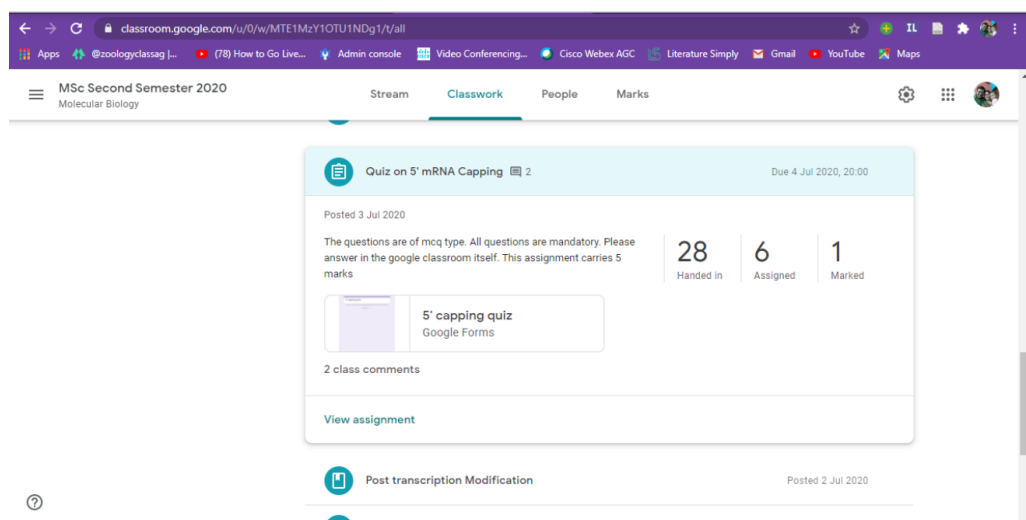


by K. Bakuli, Statistics Dept.

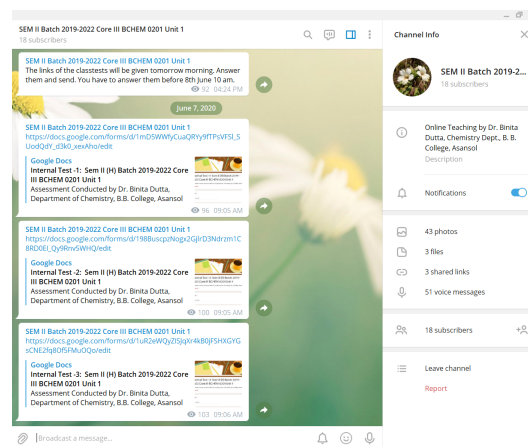
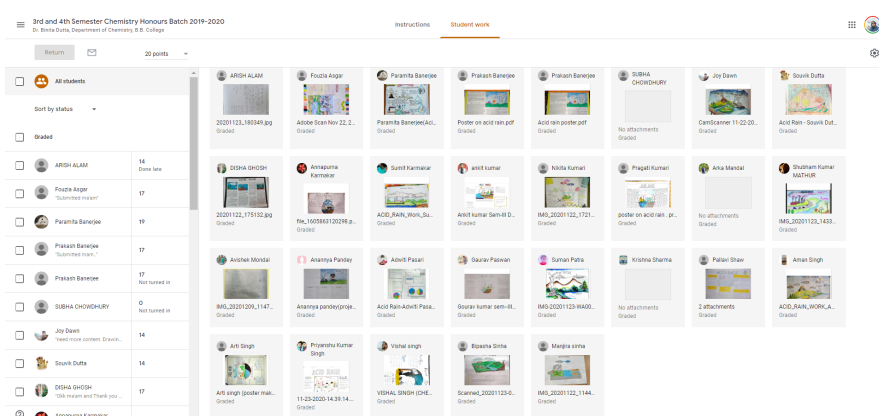


by S.K. Shaw, Economics Dept.

Online Student Assessments using Google Classrooms and Telegram Channels

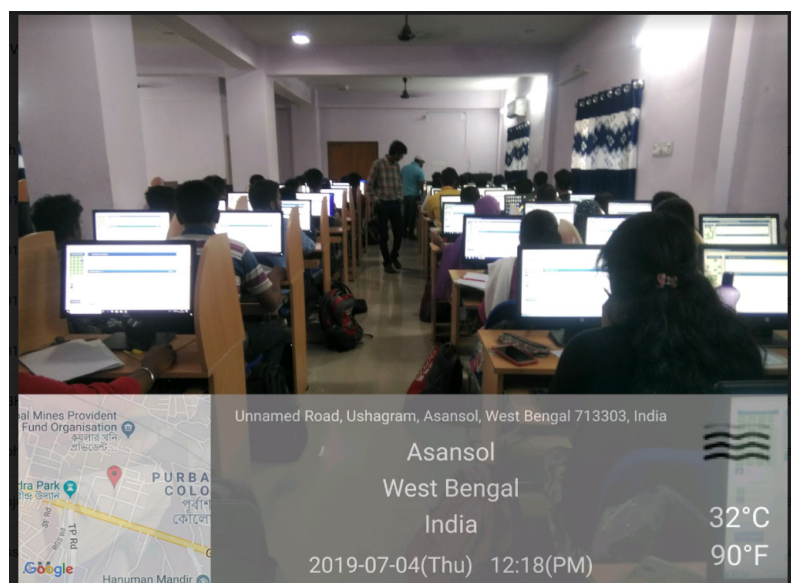


Internal Assessment through google classroom: Zoology Dept (Left), Mathematics Dept. (Right)



Student Project and Internal Assessment through google classroom and Telegram Channel (Chemistry Dept.)

Offline ICT based Examination being conducted in Computer Centre, B.B. College



(Photo: Exam
being conducted
by Mathematics
Department)