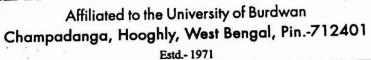


RABINDRA MAHAVIDYALAYA



Date.....

Ref. No.....

This is to certify that the following ICT enabled tools for effective teaching-learning process was used by the various Departments in the session 2020-2021 at Rabindra Mahavidyalaya, Champadanga, Hooghly, West Bengal

Rabindra Manavidyalaya Champadanga · Hooghly

Dr. Prasanta Bhattacharyya Principal

Session 2020-21

Teachers use ICT enabled tools for effective teaching-learning process.

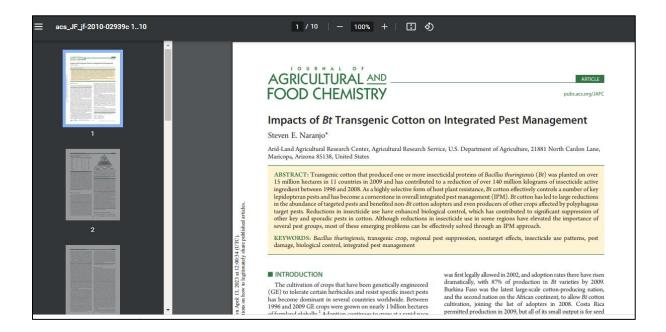
Due to Covid-19 entire teaching learning was switched to online mode. Google Meet, Zoom, etc were used for teaching through. desktop, Laptop. Smart Phone etc. Video, PPT, PDF, excel, etc files were shared for study material. E-Journals and e-books were used for effective teaching and learning.

Some screenshots of the same are attached here.

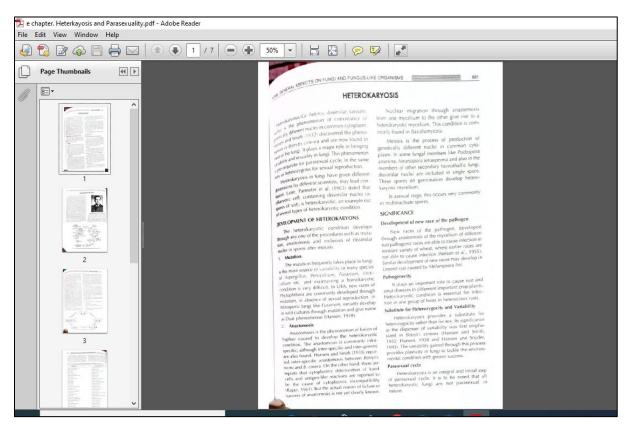
Department of Botany (2020-2021)

Snapshots/ screenshots of E-resources and techniques used

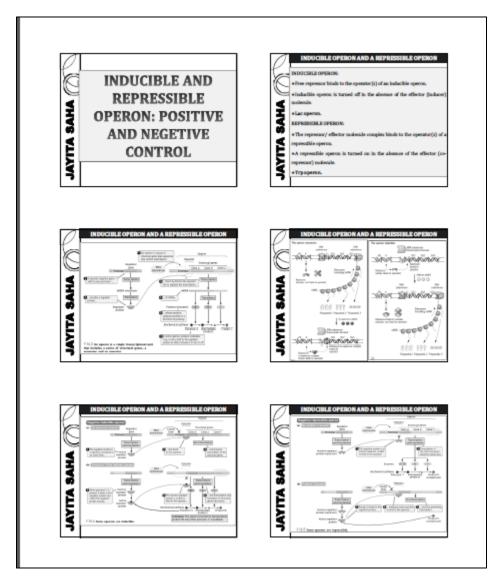
Screenshot (sample) of E- Journal Resource



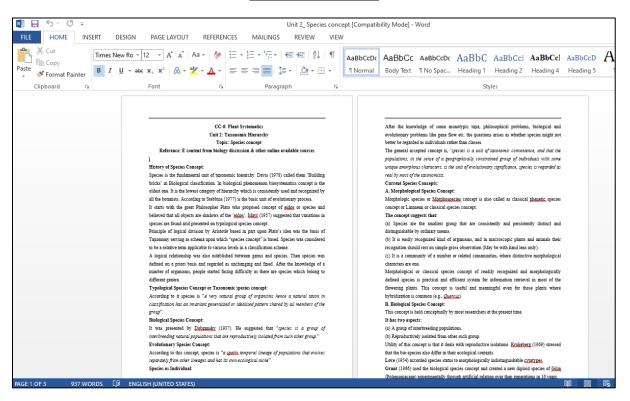
PDF Sample

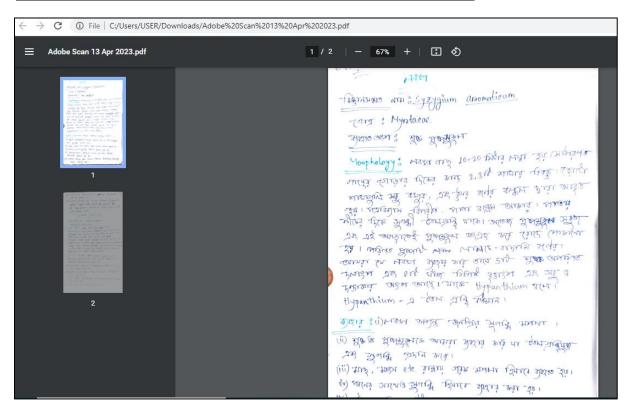


PPT. Sample

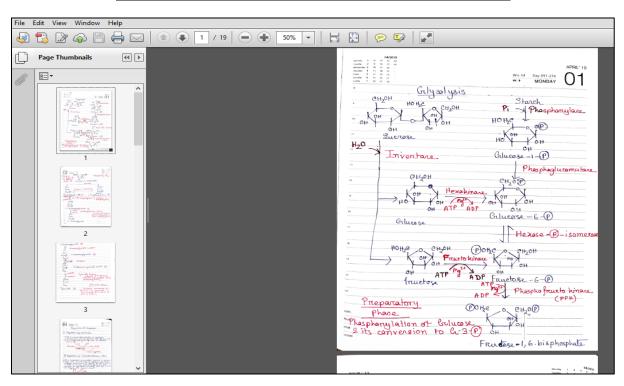


Word Doc. Sample



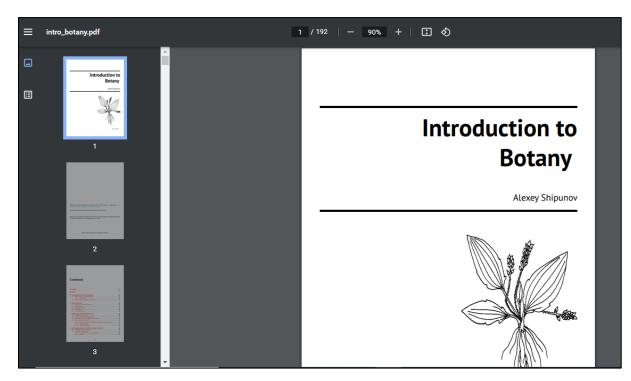


Scanned hand written notes (Sample in Bengali for general stream)



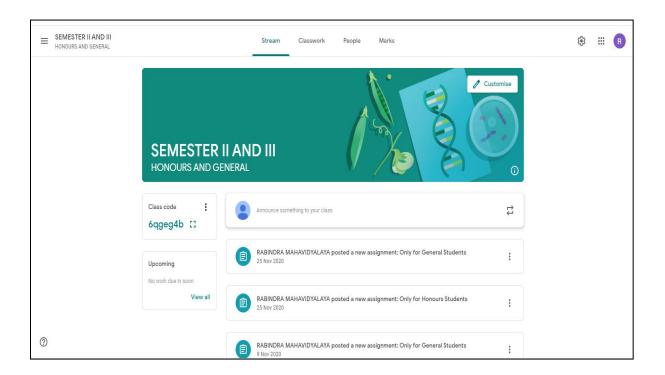
Scanned hand written notes (Sample for Honours stream)

E-Book PDF (Sample)



Google Classroom

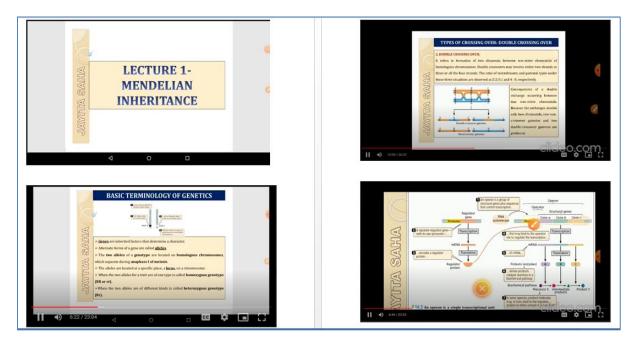
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EMESTER IV AND V HONOURS AND GENERAL		Stream Classwork	People Marks				٩		
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		RABINDRA MAHAVIDYALAYA p 25 Nov 2020	oosted a new assignment: Only fi	or Honours Students					



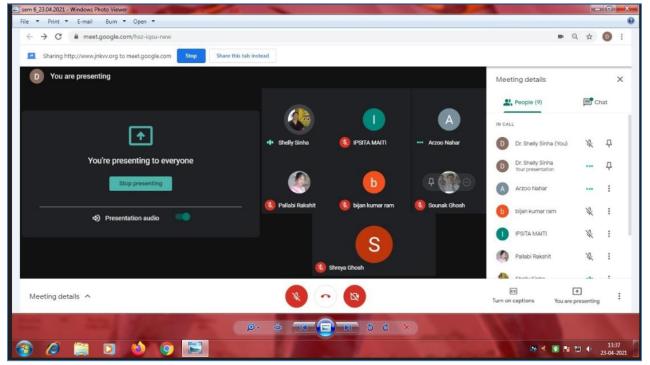
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Covid -19 Pa Class code : qtqqd45 ::	endemic: Overview	
Upcoming No work due soon View all	Dr. Jayita Saha posted a new material: Class Material on "COVID-19 PANDEMIC: OVERVIEW" Posted Aug 4, 2020 You have to read the material before doing the assignment. Drive file Unknown File	
0	2 7 class comments	

≡	SEMESTER I and II (2020-21) HONOURS AND GENERAL		Stream Classwork People Grades	۵ 🖩 🕲
		SEMESTER I a HONOURS AND GENE	and II (2020-21)	
		Class code : 74ej6dm 🖸	Announce something to your class	
		Upcoming No work due soon	Dr. Jayita Saha posted a new assignment: SEM II [G] : Submission of Assignment Jul 22, 2021 (Edited Aug 25, 2021)	
		View all	Dr. Jayita Saha posted a new assignment: SEM II [H] : Submission of Assignment Jul 22, 2021 (Edited Aug 25, 2021)	
			Dr. Jayita Saha posted a new assignment: SEM II [G] : Submission of Assignment Jun 6, 2021 (Edited Aug 25, 2021)	

Screenshot of Video (Sample)



Google Meet

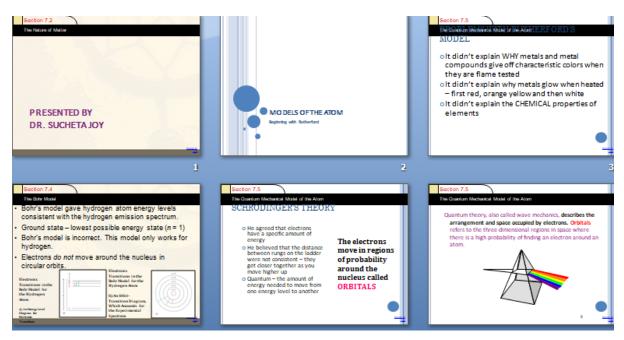


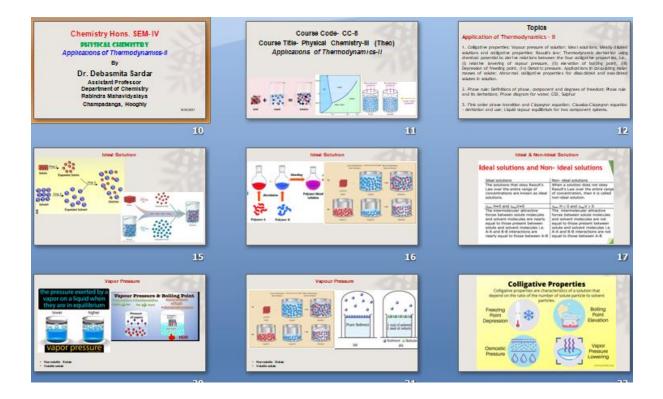
Department of Chemistry (2020-2021)

Snapshots/ screenshots of E-resources and techniques used

Screenshot (sample) of Resources

PPT Sample





PDF Sample

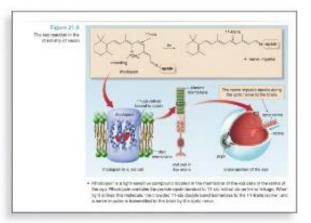
Illustrations

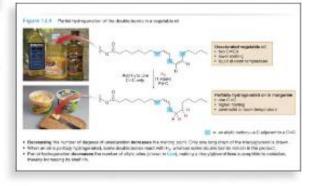
Organic Chemistry is supported by a well-developed illustration program. Besides traditional skeletal (line) structures and condensed formulas, there are numerous ball-and-stick molecular models and electrostatic potential maps to help students grasp the three-dimensional structure of molecules (including stereochemistry) and to better understand the distribution of electronic charge.

"I believe that dissecting the text gives students time to understand and to digest, step-by-step, each concept presented, rather than memorize them. This helps students in achieving better results faster... The quality of the illustrations is very good, without unnecessary explanations that could make them confusing. The language is easy to follow, the concept easy to understand." —Camelia Gogonea, Cleveland State University

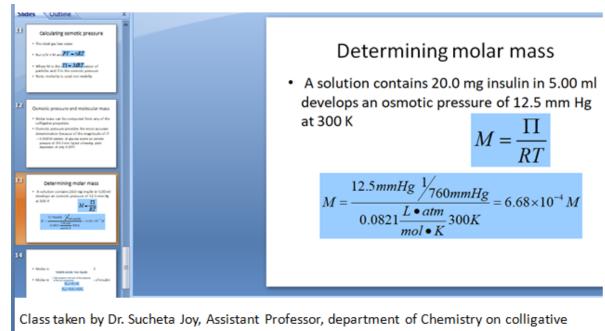
Micro-to-Macro Illustrations

Unique to Organic Chemistry are micro-to-macro illustrations, where line art and photos combine with chemical structures to reveal the underlying molecular structures giving rise to macroscopic properties of common phenomena, Examples include starch and cellulose (Chapter 5), adrenaline (Chapter 7), partial hydrogenation of vegetable oil (Chapter 12), and dopamine (Chapter 25).

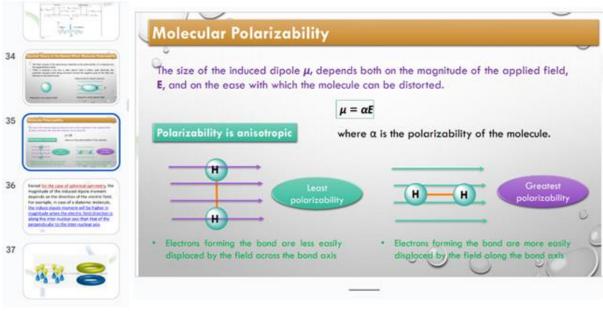




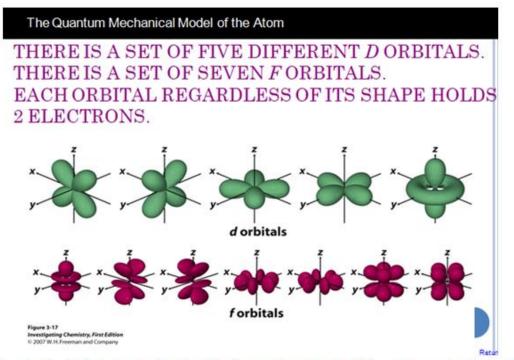
Class Materials



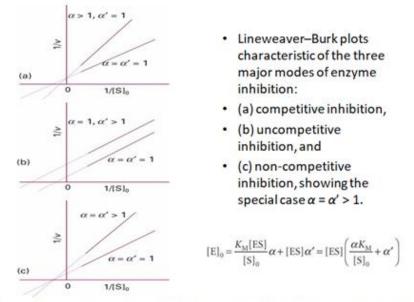
properties



Class taken by Dr. Debasmita Sardar, Assistant Professor, department of Chemistry on Raman Spectroscopy



Class taken by Dr. Dr. Sucheta Joy, Assistant Professor, department of Chemistry on atomic structure



Class taken by Dr. Sucheta Joy, Assistant Professor, department of Chemistry on photochemistry

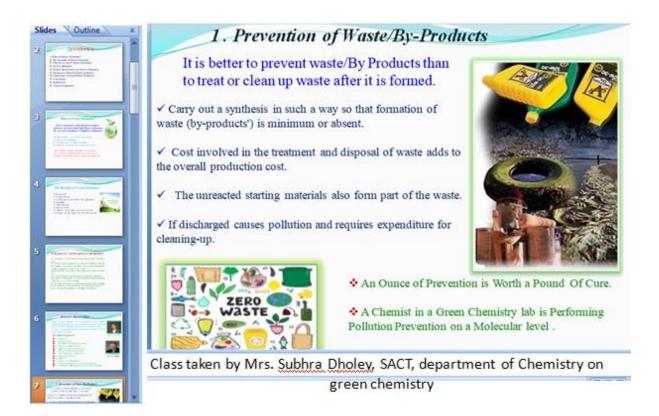


Table 23.1	Examples of	photochemical	processes
------------	-------------	---------------	-----------

General form	Example
$A^* \rightarrow A^+ + e^-$	$NO^* \xrightarrow{134} nm \rightarrow NO^+ + e^-$
$\mathrm{A}^{*} + \mathrm{B} \rightarrow \mathrm{A}^{+} + \mathrm{B}^{-} \mathrm{or} \mathrm{A}^{-} + \mathrm{B}^{+}$	$[Ru(bpy)_3^{2+}]^* + Fe^{3+} \xrightarrow{452 \text{ nm}} Ru(bpy)_3^{3+} + Fe^{2}$
$A^* \rightarrow B + C$	$O_3^* \xrightarrow{1180 \text{ nm}} O_2 + O$
$\mathbf{A^*} + \mathbf{B}\text{-}\mathbf{C} \rightarrow \mathbf{A} + \mathbf{B} + \mathbf{C}$	$Hg^* + CH_4 \xrightarrow{254 \text{ nm}} Hg + CH_3 + H$
$2 \: A^{\star} \to B$	2()*230 nm
$A^* + B \rightarrow AB$	
$A^* + B \longrightarrow C \longrightarrow A \longrightarrow B + C$	$Hg^* + H_2 \xrightarrow{254 \text{ nm}} HgH + H$
$A^* \rightarrow A'$	de la
	380 nm 🐂 🖓 O
	(Visite in the second s
	$A^* \rightarrow A^+ + e^-$ $A^* + B \rightarrow A^+ + B^- \text{ or } A^- + B^+$ $A^* \rightarrow B + C$ $A^* + B - C \rightarrow A + B + C$ $2 A^* \rightarrow B$ $A^* + B \rightarrow AB$ $A^* + B \rightarrow C \rightarrow A - B + C$

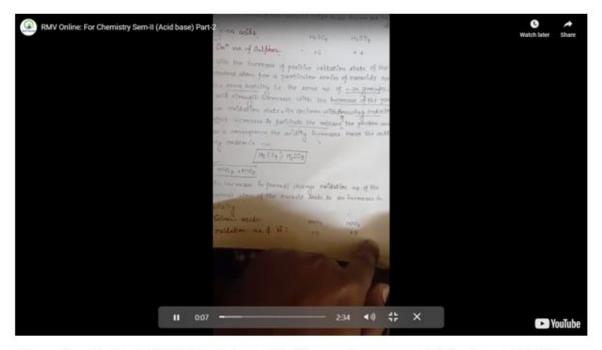
Table 23-1 Atkins Physical Chemistry, Eighth Edition © 2006 Peter Atkins and Julio de Paula

Class taken by Dr. Sucheta Joy, Assistant Professor, department of Chemistry on photochemical process

Scanned hand written notes

For onharmonde stillator, Find the express dissociation energy (2) some dissociation energy (2) interms of the stre Guantised reibrational energy Ev = (0+++) WE - (0+++) = 250 WE - (1) For max value of quantisation Enercy $\frac{d\xi_{v}}{dv} = 0 - (2)$ Prom (1) $\frac{d\xi_{v}}{dv} = \overline{w}e - 2(v+\frac{1}{2}) \cdot 1$ $\overline{w}e^{\chi}e$ $= \overline{w}e - 2v \overline{w}e^{\chi}e - \overline{w}e^{\chi}e$ $= \overline{w}e(1 - 2v \Re e - \chi e) \quad [\overline{w}e \neq 0]$ Prom (1) x (2) 1-210xe-xe=0 1-xe=210xe . Vmar = 1-xe = 1/2xe - 1/2 $\varepsilon_{v,max} = \left(U_{max} + \frac{1}{2} \right) \widetilde{W_e} = \left(U_{max} + \frac{1}{2} \right)^2 \widetilde{W_e} \mathcal{H}_e = \left(\frac{1}{2me} - \frac{\mu}{2} + \frac{\mu}{2} \right) \widetilde{W_e}$ (1=++++++++++++) We Eumax = We = Dea $\frac{p_0 = p_0 - E_{2000} p_1}{\frac{4}{9} e_0} = \frac{w_e}{\frac{1}{2} w_e} - \frac{1}{4} \frac{w_e \lambda_e}{\frac{1}{2} w_e} \left[\frac{1 - \frac{1}{2} \lambda_e}{\frac{1 - \frac{1}{2} \lambda_e}{\frac{1}{2} w_e}}\right]$

Class taken by Dr. Debasmita Sardar, Assistant Professor, department of Chemistry on IR Spectroscopy

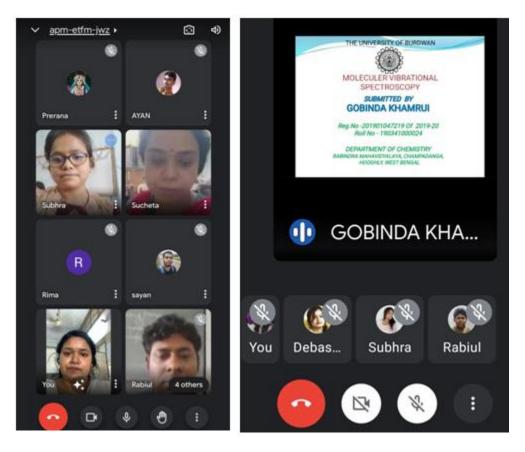


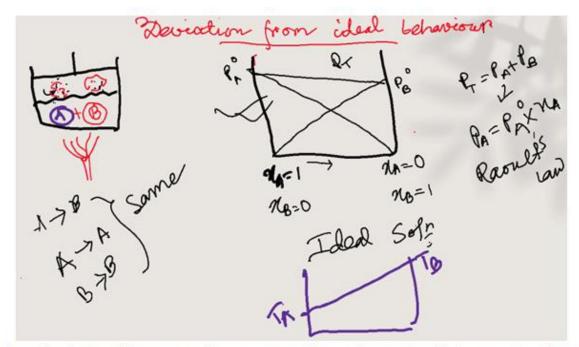
Class taken by Dr. Rabiul Alam, Assistant Professor, department of Chemistry on acid-base

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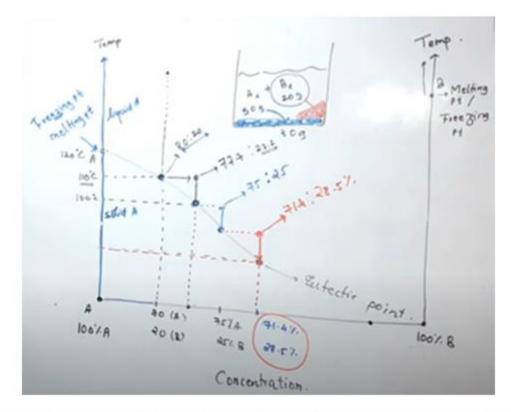
Class taken by Mrs. Subhra dholey, SACT, department of Chemistry on stretching frequency

Google Classroom



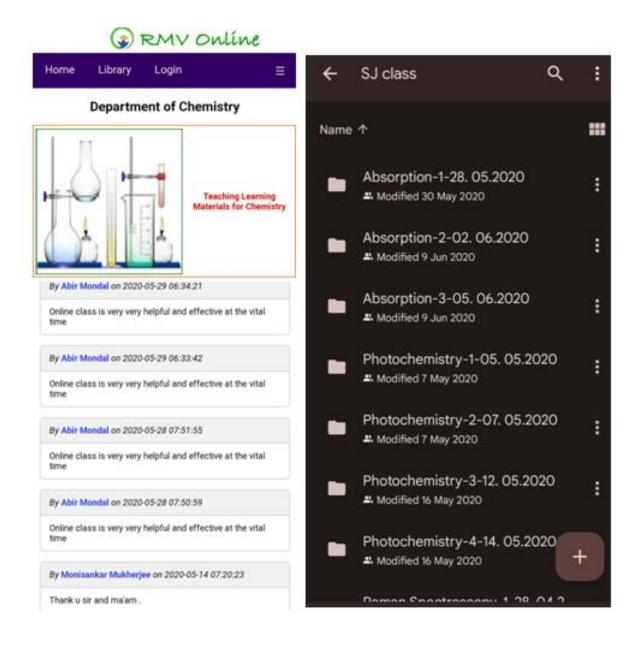






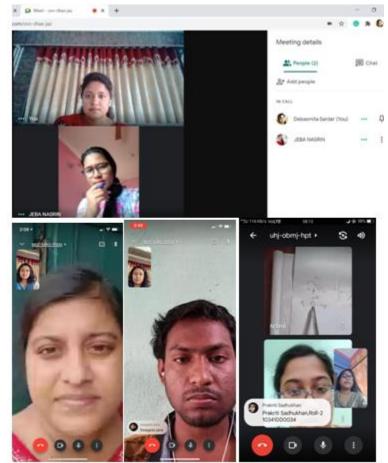
Class taken by Dr. Debasmita Sardar, Assistant Professor, department of Chemistry on phase equilibrium

Students Review for online classes & uploaded class notes

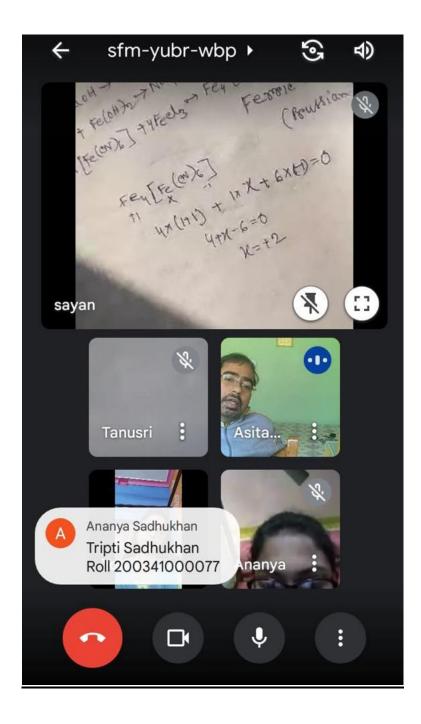


Exam Viva





Practical Exam Viva (in presence of External)

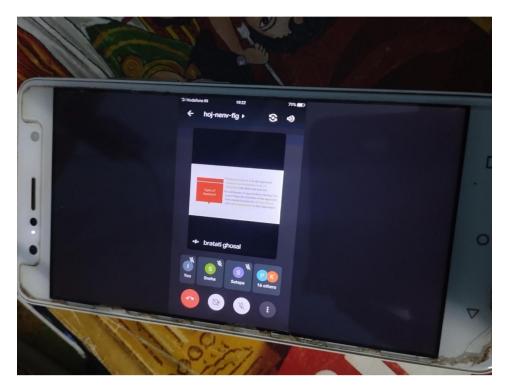


Department of Political Science

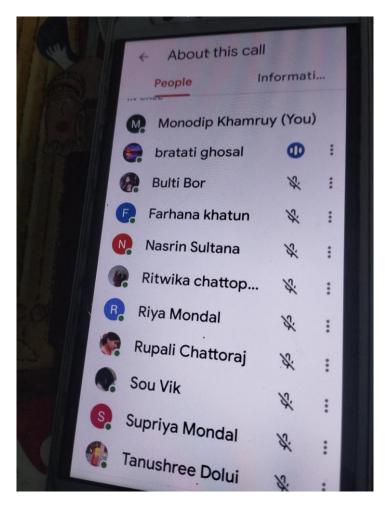


Online class taken by Bratati Ghosal, Assistant professor in Political Science for 6 th sem honours students (2020-21 session)

Online class for Semester-1 Hons students, taken by Bratati Ghosal, Assistant Prof.in Political Sc. (2020-21)



Online class for Political Science Sem-5 Hons students taken by Bratati Ghosal, Asst.professor for 2020-21



DEPARTMENT OF PHYSICAL EDUCATION (SESSION 2020-2021)

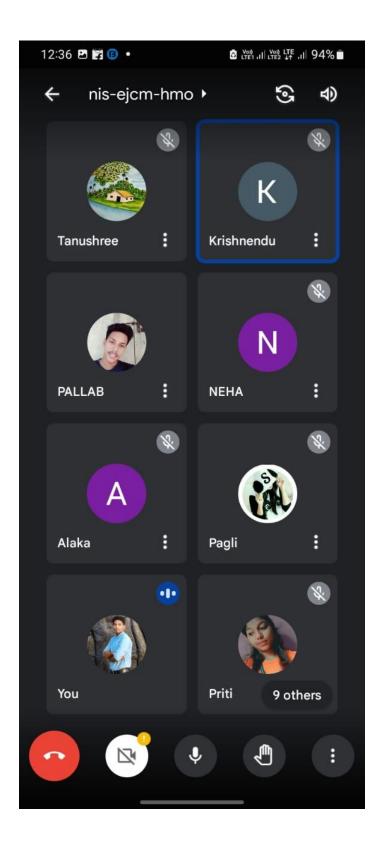
ONLINE CLASS - SEMESTER-1

CLASS TAKEN BY MR. ARABINDA MAITY , SACT, PHYSICAL EDUCATION

12:33 🖪 🕞 🕈 🔹

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← About this call People Information Q Search for someone К Krishner You In call Arabinda Maity (You) Meeting host S. : Alaka Hemram Farjana Khatun Ľ. : S. : К. Krishnendu Mudi S. : N NEHA GHARA S. : Pagli P S. PALLAB MANDAL : S. : Priti Poddar : S. **Rubina Parvin** : Sima Adak Ľ. S. : Smritikana Das S. : Subhra Ghosh



Topic: Renaissance in Italy. Semester- III Honours Paper- CC- VI Lecture delivered by Prof. *Sujata Bandyopadhyay*, Department of History, Rabindra Mahavidyalaya, Champadanga in 2020. https://www.youtube.com/watch?v=EJZaz7YRsiw

Rests of the departments also have followed the similar techniques to conduct classes and evaluate student performance. (Screenshots are not attached.)