GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

DEPARTMENT: MATHEMATICS

01.07.2019 to 30.06.2020



TEACHING AND LEARNING: USE OF ICT TOOLS

OFFLINE AND ONLINE CLASS : DOCUMENTS

ONLINE TEACHING AND LEARNINGP:2019-20					
DOCUMENTS					
Name of Teacher and Department	r Name of Platform Date of launching offline and online classes				

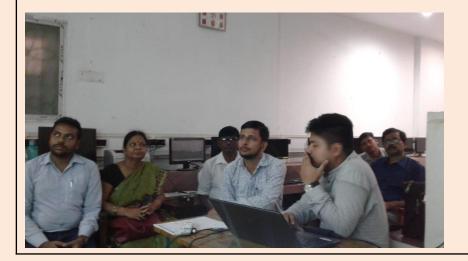
1.MATHEMATICS: Rakesh Sarkar,Assistant Professor in Mathematics	Orientation,Cla ss(Offline), Zoom Meeting, Google Meeting,Googl e Classroom,gm ail.com,Whats App Group :uploading and sharing of relevant course/study materials and on line class(Offline:	Screen, Laptop, Projector (Offline) Laptop, Mobile (Online)	11.7.2019(Offline),2.4.202 0 onwards(Online)
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2. Tilak Kumar Pal, State Aided College Teacher, Mathemati CS	Laptop,Screen, Projector) Zoom Meeting, Google Meeting,Googl e Classroom,gm ail.com,Whats App Group :uploading and sharing of relevant course/study materials and on line class(Offline: Laptop,Screen, Projector)	Screen, Laptop, Projector (Offline) Laptop, Mobile (Online)	11.7.2019 (Offline),2. 4.2020 onwards(Online)
3.Poly Karmakar, State Aided College Teacher, Mathemati cs	Zoom Meeting, Google Meeting,Googl e Classroom,gm ail.com,Whats App Group :uploading and sharing of relevant course/study materials and on line class(Offline: Laptop,Screen, Projector)	Screen, Laptop, Projector (Offline) Laptop, Mobile (Online)	17.3.2020 onwards
4.Md Sahid Alam, State Aided College Teacher,	Zoom Meeting, Google Meeting,Googl e Classroom,gm ail.com,Whats App Group :uploading and sharing of	Screen, Laptop, Projector (Offline) Laptop, Mobile (Online)	8.4.2020 onwards

Mathemati CSrelevant course/study materials and on line class(Offline: Laptop,Screet Projector)	I ,
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Photo-Screen Shot -Online Class,Offline class-Use of ICT Tools:





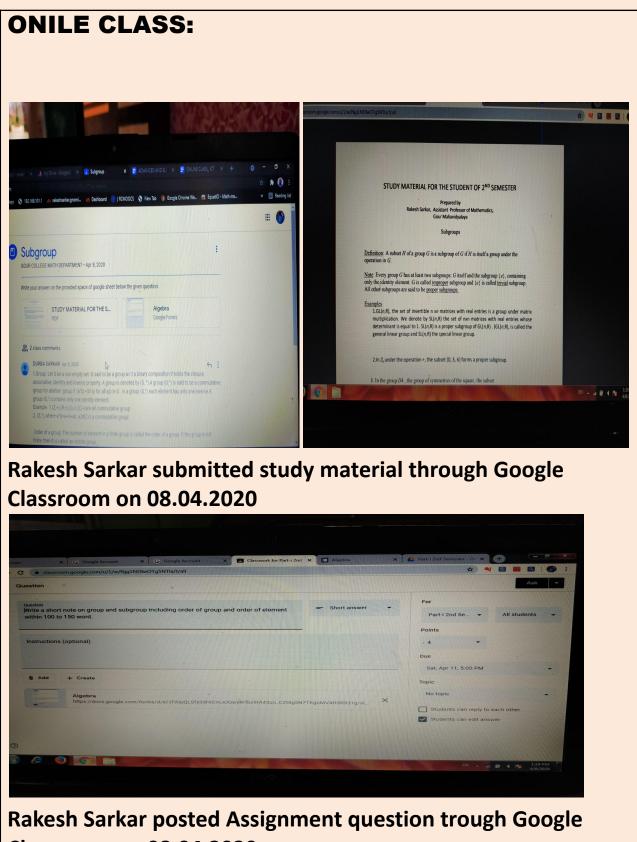


Programme: Demonstration of Google Class :(a) of website/app Room Links for free contents;(b)Creation tutorials and **e**of whatsApp group of students; (c)Use of Google learning management classroom as system;(d)Swayam poster update:Demonstrators:

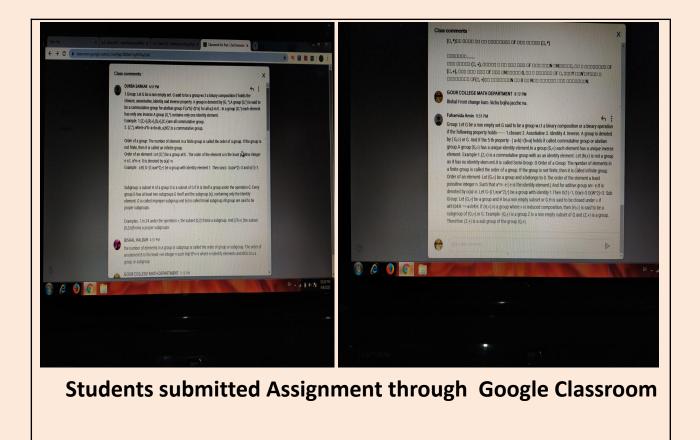
SyfujjamanTarafder,Convenor of elearning committee, SriArijit Bhattacharya, Assistant **Professor in Computer Science, member of ICT** committee, Mr EkramAlam, Assistant Professor Computer Science, member in of ICT AkhilDas,Convenor, committee. ICT Sri **Committee, MursedAlam, Assistant Professor in** Satyajit Paul. Assistant English, Sri Coordinator, **IQAC:Venue: Department** of Computer Science:Date:26.8.2019(From 1 P.M. to 3 P.M.)





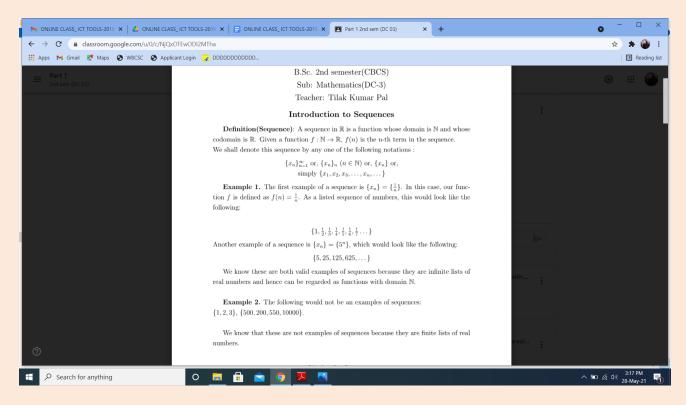


Classroom on 08.04.2020

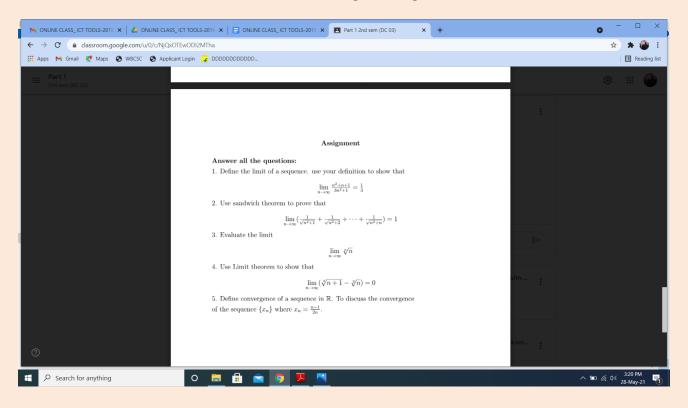


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0	Md Sahid Alam posted a new question: The equation x^5 + x^3 + 2x = 2x^4 + 3x^2 + 4 has a sol 10 Apr 2020 (Edited 10 Apr 2020)	·
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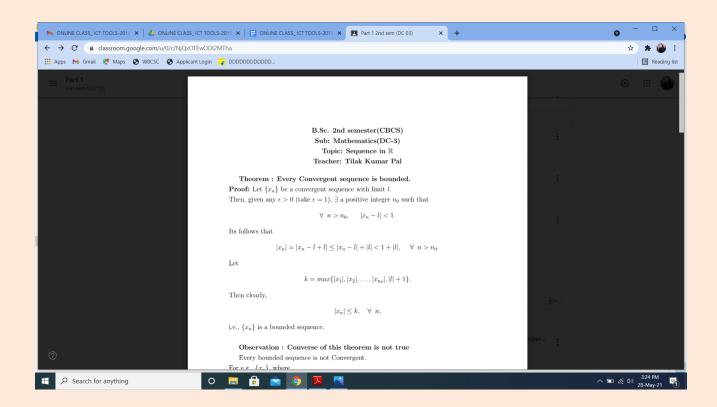
Tilak Kumar Pal submitted study material through Google classroom on 11-03-2020.



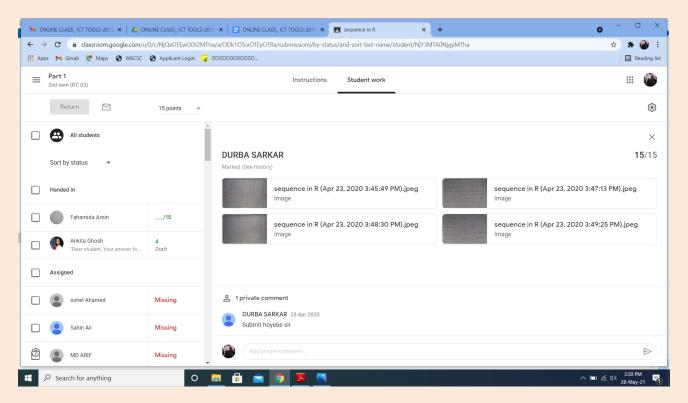
Tilak Kumar Pal, Submitted tutorial through Google classroom on 15-03-2020.



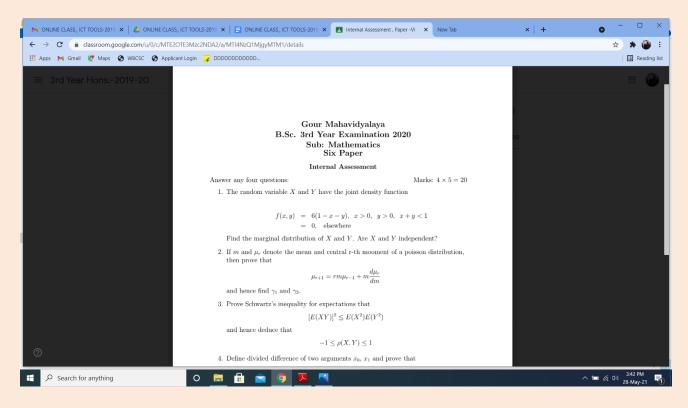
Tilak Kumar Pal submitted Assignment through Google Classroom on 20-03-2020.



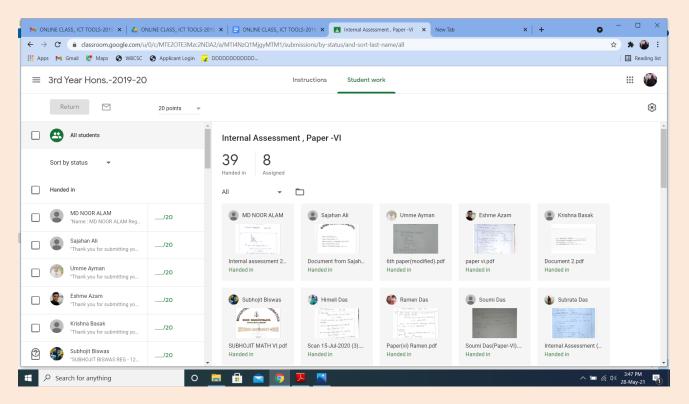
Tilak Kumar Pal submitted study material through Google Classroom on 11-04-2020.



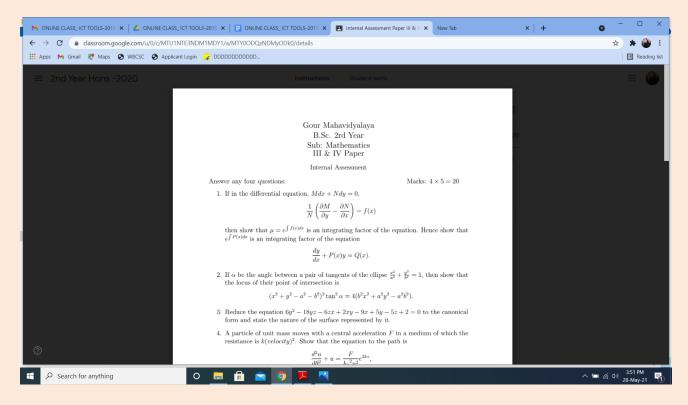
Tilak Kumar Pal, Students response sheets for Assignment through Google Classroom on 23-04-2020.



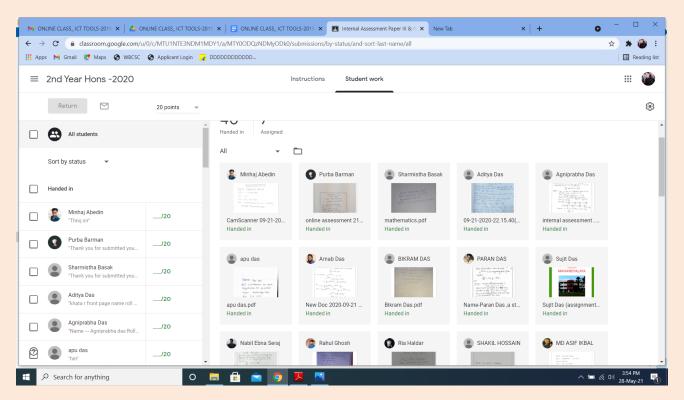
Tilak Kumar Pal Post Internal examination Question Paper Through Google Classroom on 15-6-2020.



Tilak Kumar Pal, Students Response Sheet of Internal Examination through Google Classroom on 20-06-2020.



Tilak Kumar Pal post B.sc 2nd year internal Examination question paper through Google classroom on 10-6-2020.



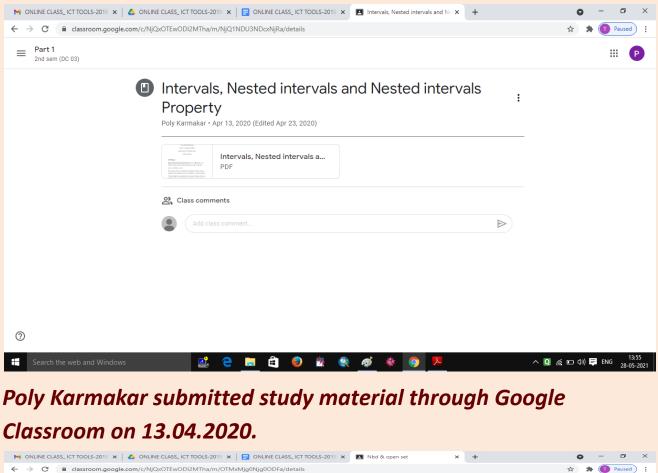
Tilak Kumar Pal, received B.sc 2nd year internal examination answer paper through Google Classroom.

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Poly Karmakar submitted study material through Google Classroom on 11.04.2020.

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Poly Karmakar submitted study material through Google Classroom on 11.04.2020.



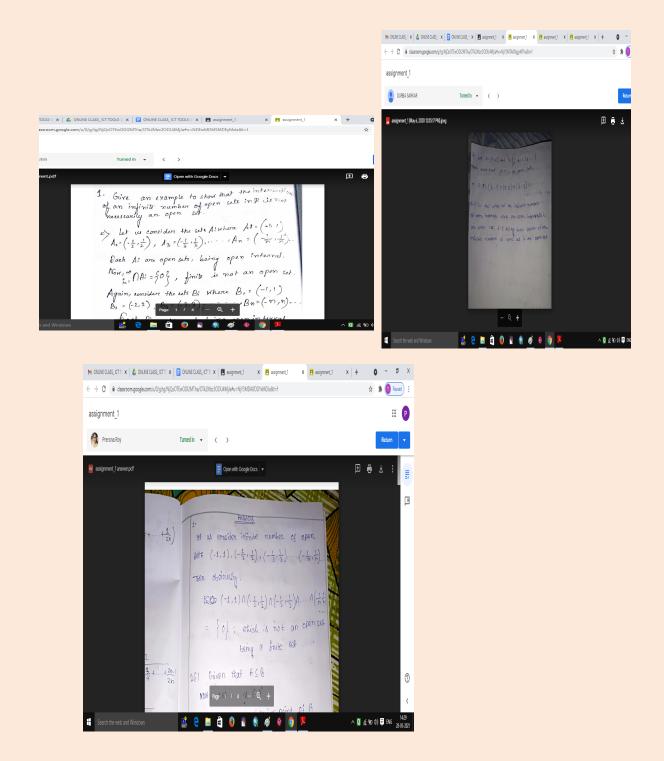
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	PAPER : DC 8 (CBCS)	
	Answer all the questions:	
	1. Give an example to show that the intersection infinite number of open sets in \mathbb{R} is not nece open set.	
	2. Let A, B be sets in \mathbb{R} and A \subseteq B. Show that, (i) A ^o \subseteq B ^o	
	(i) $A \subseteq B$ (ii) $(A \cap B)^0 = A^\circ \cap B^\circ$	
-	(iii) $A^{\circ} \cup B^{\circ} \subseteq (A \cup B)^{\circ}$ and give an example	
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Poly Karmakar posted an Assignment question through Google Classroom on 08.04.2020.



Students submitted assignments through Google Classroom.

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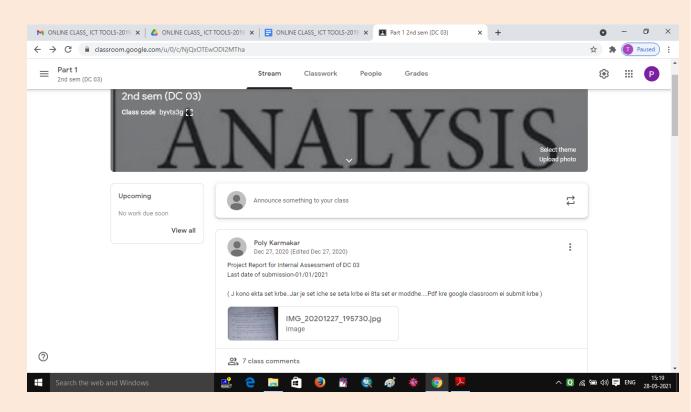
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Students submitted

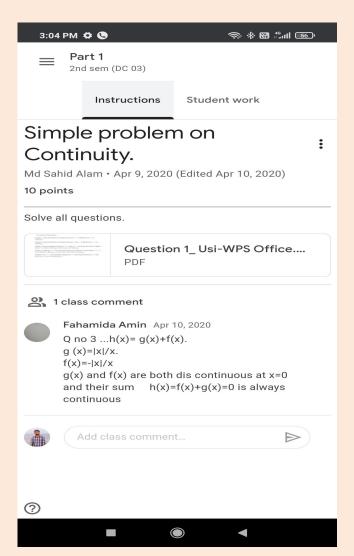
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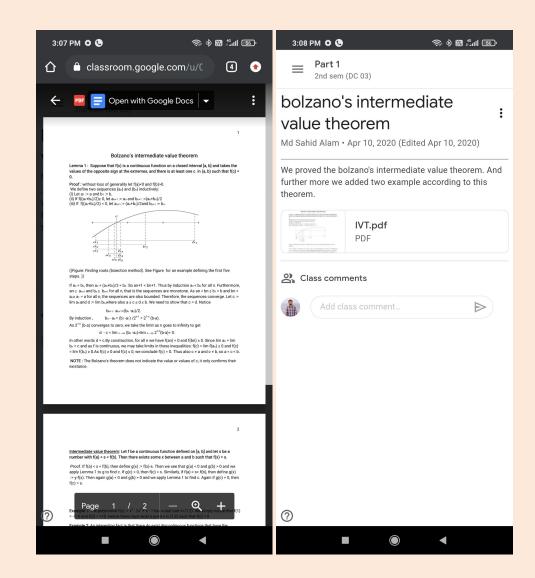
Classroom.Poly Karmakar posted an questions papers for practical marks evaluation through Google Classroom on.



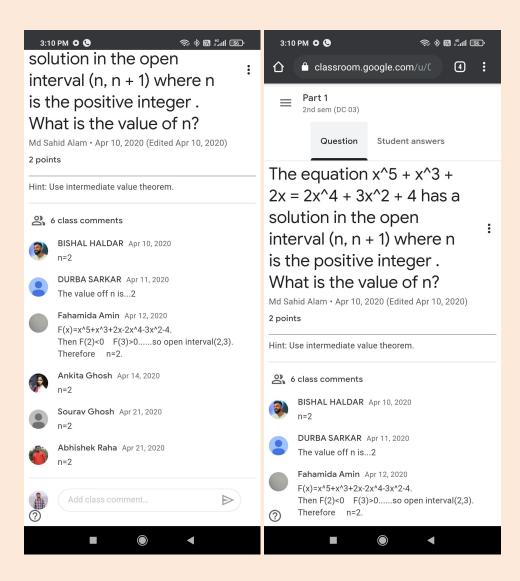
Poly Karmakar posted an Assignment for internal assessment through Google Classroom.



Md Sahid Alam submitted study material through Google Classroom on 09.04.2020.



Md Sahid Alam submitted study material through Google Classroom on 10.04.2020.



Md Sahid Alam submitted questions through Google Classroom on 10.04.2020 and students answer.

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	Gour Mahavidyalaya B.Sc.(H) 2nd semester - 2020 Subject: Mathematics (DC-03) Topic: Extreme Value theorem Md Sahid Alam	
	Extreme Value Theorem	
Bo	ounded function : Let $f : [a,b] \rightarrow R$ is bounded if there exists a M $\in [a,b]$. We have the following lemma.	$\in \mathbb{R}$ such that $ f(x) \le M$ for all
	emma 1 : Let f : [a,b] → R be a continuous function. Then f is bour	
bo	heorem 1 : (Extreme Value Theorem): Every continuous real value ounded interval in R achieves its (global) maximum and (global) m pints in the interval.	
Б	xample 1: The function $f(x) := x^2 - 1$ defined on the interval [-2,3] ac hen $f(0) = -1$. It achieves a maximum at $x = 3$ where $f(3) = 8$.	thieves a minimum at x = 0
Ð	xample 2: The function f(x):= x, defined on the whole real line, ach maximum. So it is important that we are looking at a bounded into	nieves neither a minimum, nor verval.
	xample 3: The function $f(x) := 1/x^2$ defined on (0,1) achieves neith aximum.	er a minimum, nor a
Ð	xample 4: Continuity is important. Define $f: [-1,1] \rightarrow R$ by	
	f(x) := 1/x ² for x+0 = 0 for x=0	
	he function does not achieve a maximum. The problem is that the to.	a function is not continuous
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(Q	_1 0 1 2uestion for readers) Now if we change interval to [1/3,3] for exam nd minimum of f ?	nple 4 ,can we get maximum
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Md Sahid Alam submitted study material through Google Classroom on 11.04.2020.

 ▲ classroom.google.com/u/C ④ ■ Part 1 					
Part 1	☆				
Part 1 2nd sem (DC 03)					
Instructions Student work					
2nd sem assessment:Md Sahid Alam · Sep 15, 2020:20 points:Due Sep 21, 2020:					
Open the link given below.Solve the assignment and make a pdf file of your answer (below 100 mb) then upload. Best of luck.					
2nd semester assessment Google Forms					
) 3 class comments					
BISHAL HALDAR Sep 18, 2020 Sir,6 er a question tate compute ble je cycle ta diecheota ki krboI can't understand the meaning of compute in this cycle!!					
Md Sahid Alam Sep 19, 2020 +mail2mrbishal@gmail.com multiplication					
Ankita Ghosh Sep 21, 2020 Sir amr ki submit hye6e ????					

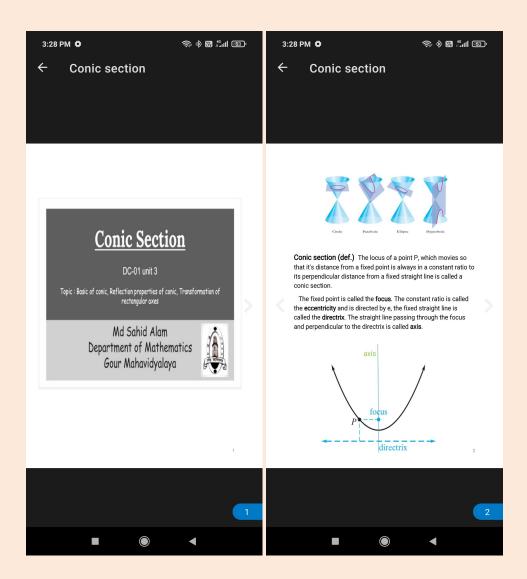
Md Sahid Alam submitted assignment through Google Classroom .

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Instructions Student work				
Internal assessment for				
paper VIII(A)				
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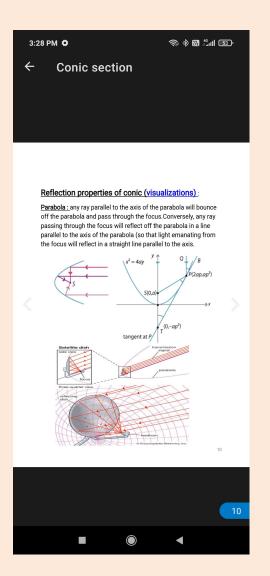
Md Sahid Alam submitted assessment through Google Classroom .

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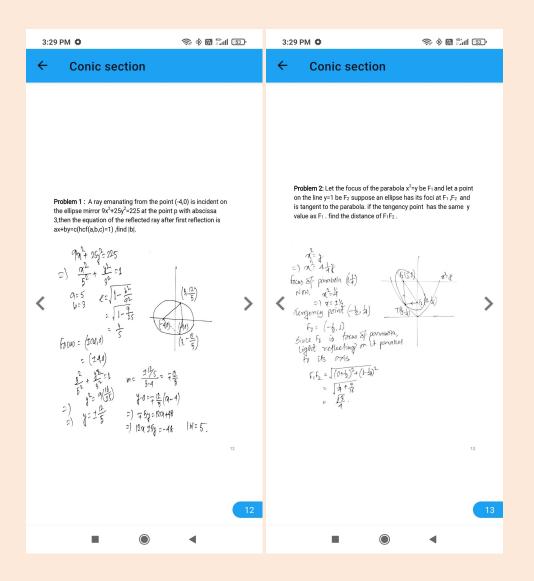
Md Sahid Alam took class through Google meet.



Md Sahid Alam submitted study materials through teachmint app.



Md Sahid Alam submitted study materials through teachmint app.

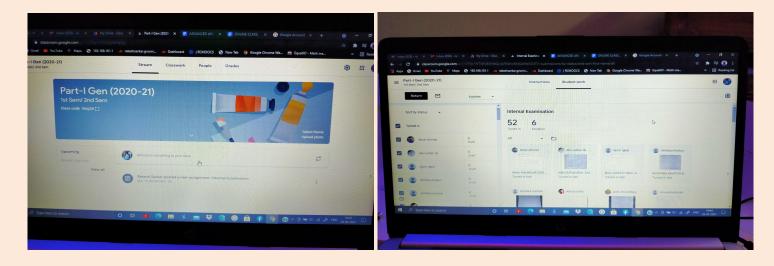


Md Sahid Alam taken online class through teachmint app.

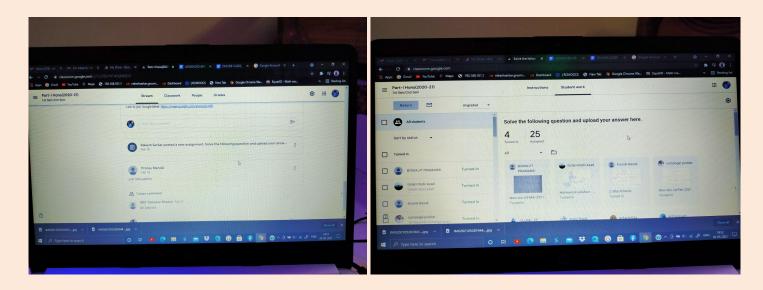
TEACHING AND LEARNING:USE OF ICT TOOLS

OFFLINE AND ONLINE CLASS DOCUMENTS

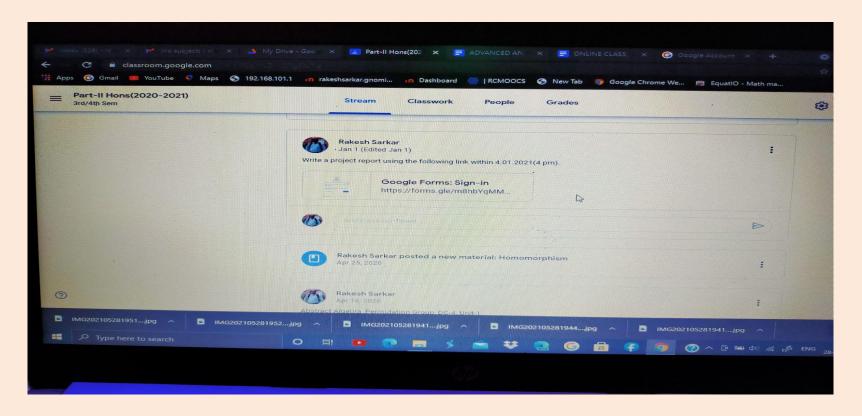
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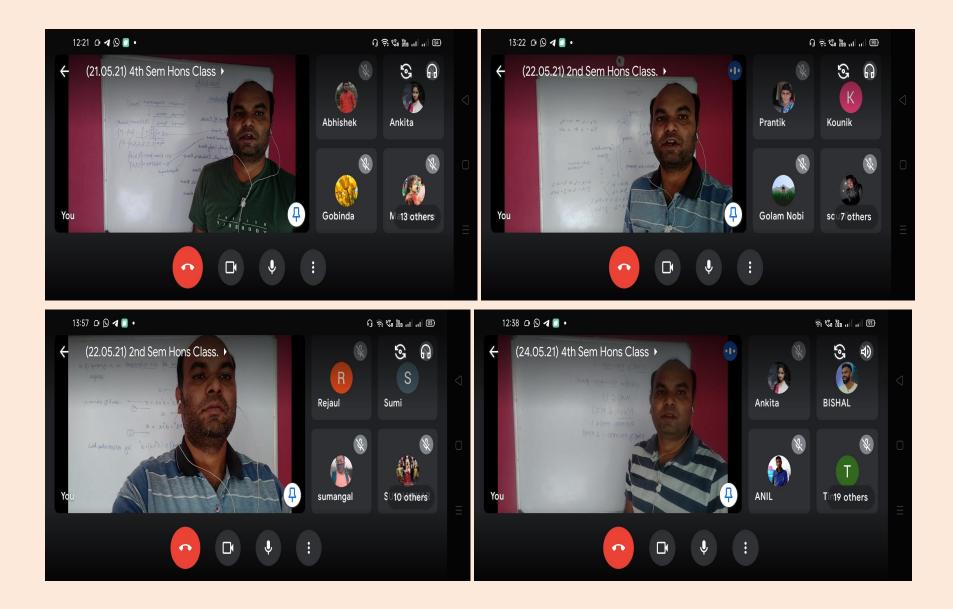
Rakesh Sarkar posted study material through Google Classroom and took the assignment on 18.03.2020

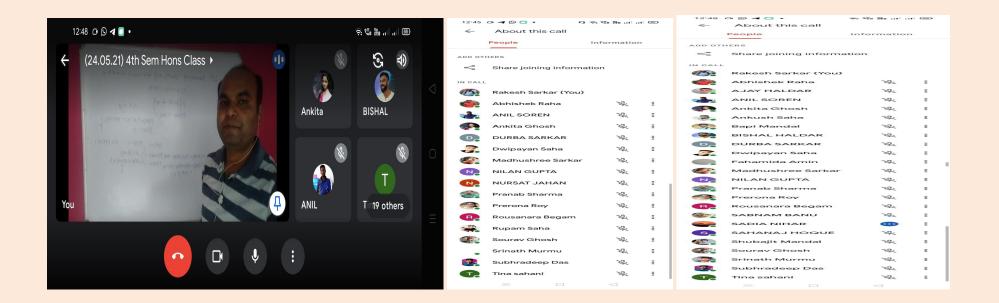


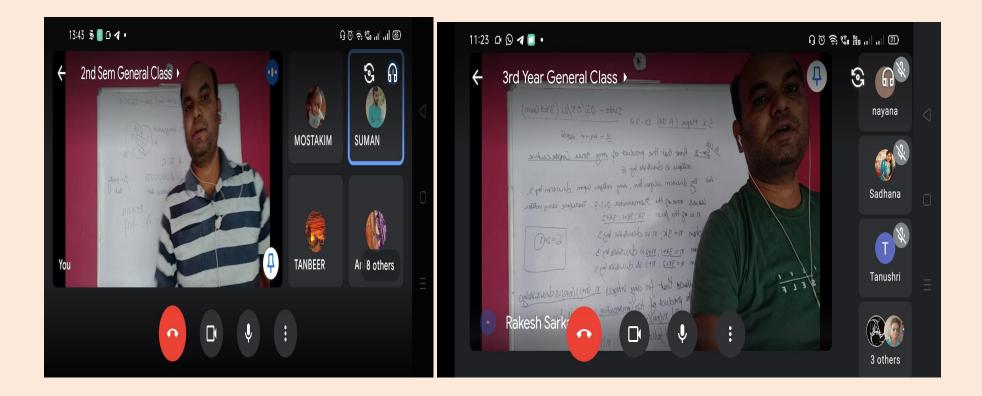
Rakesh Sarkar posted study material through Google Classroom and took the assignment on 18.02.2020

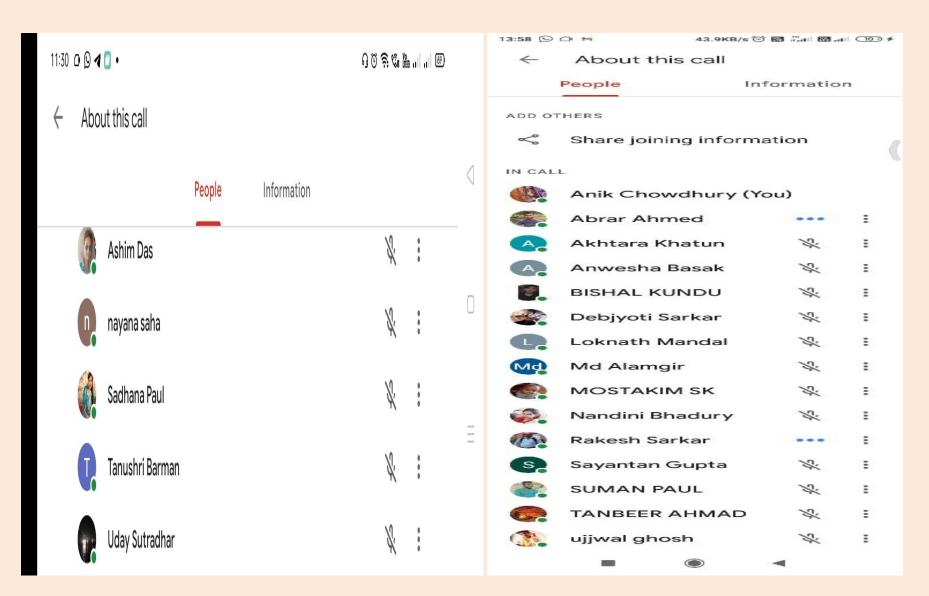


Rakesh Sarkar collected project report using Google form through Google Classroom on 01.01.2021

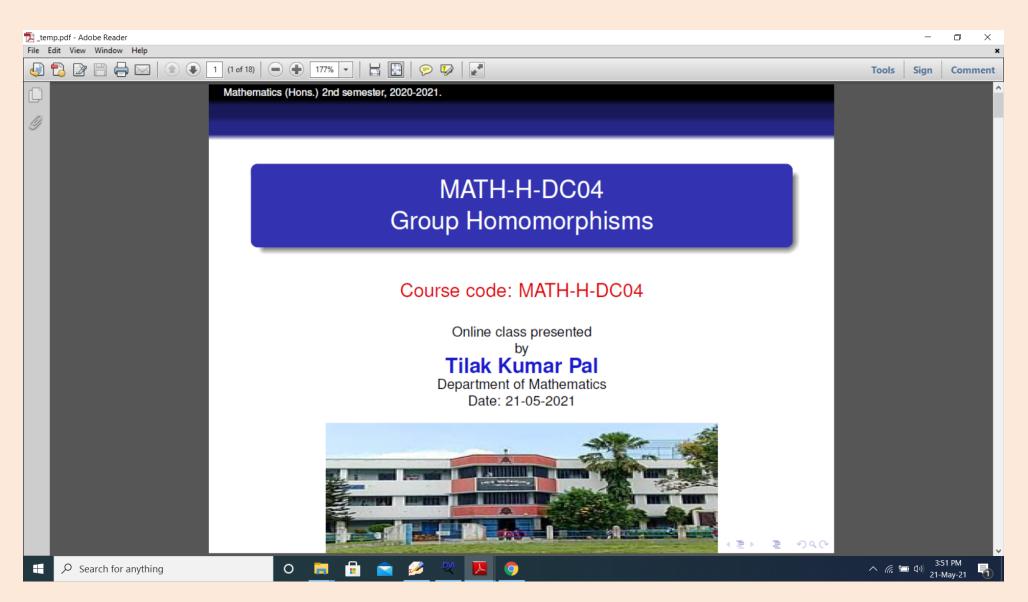




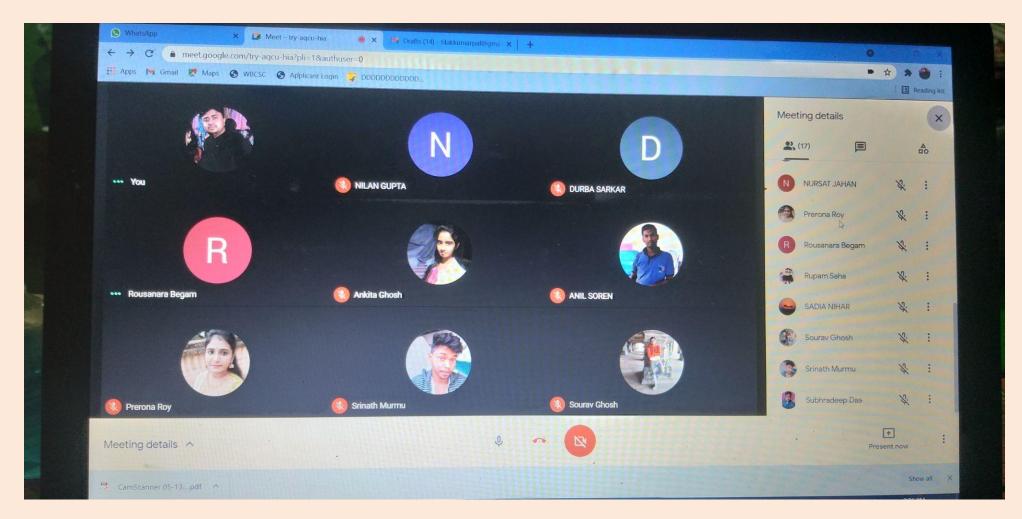




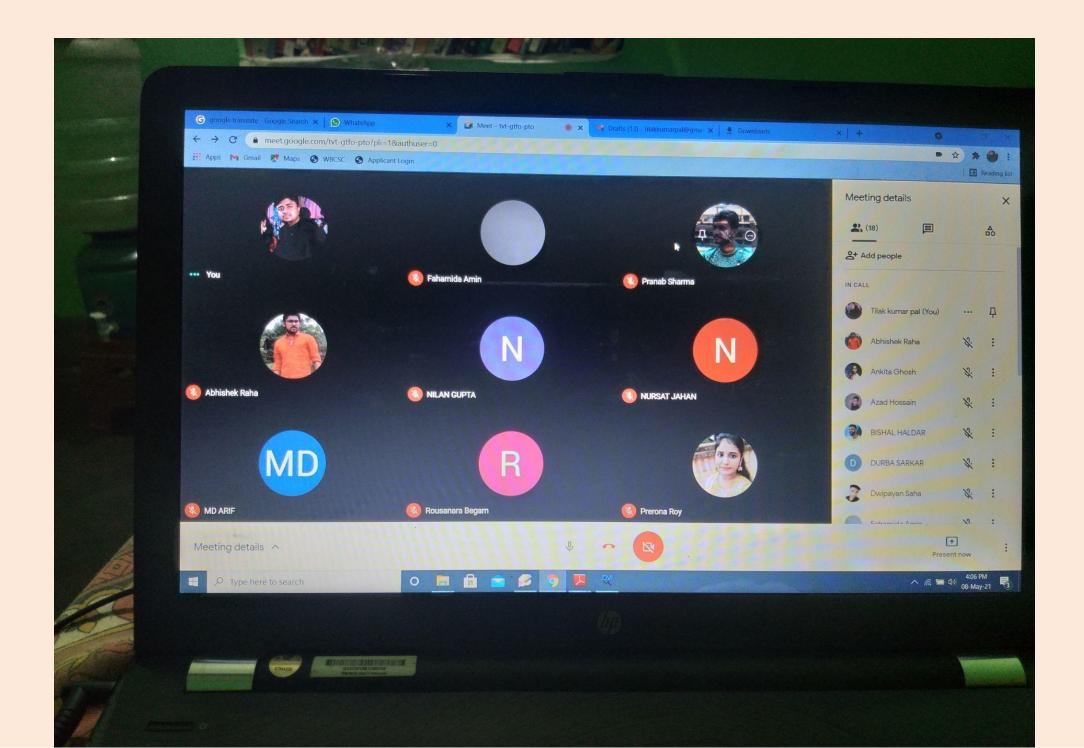
Rakesh Sarkar took the online classes through Google Meet as recorded in the picture.



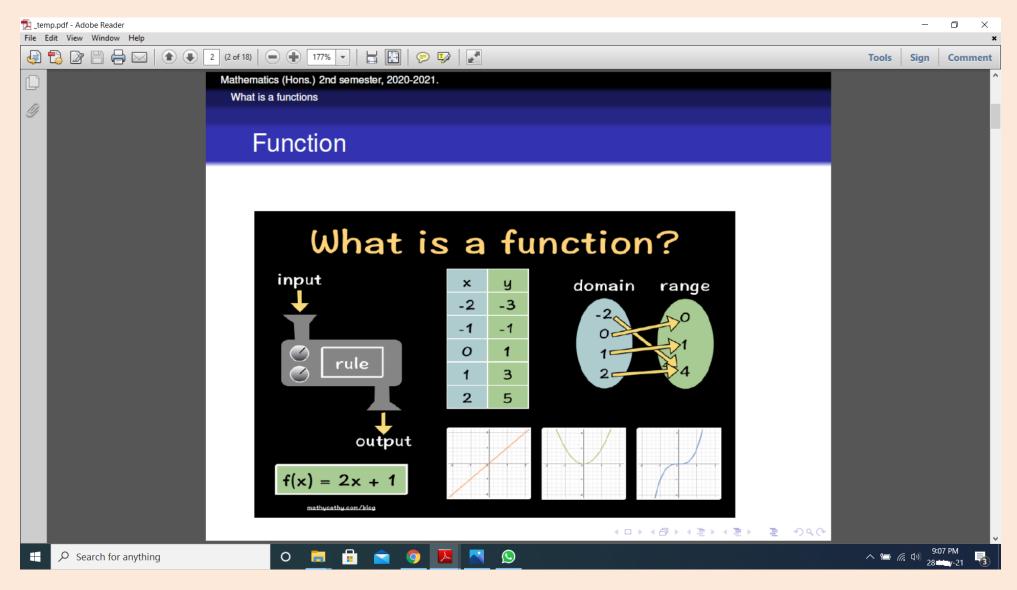
Tilak Kumar Pal taken class through Google meet on 21-5-2021.



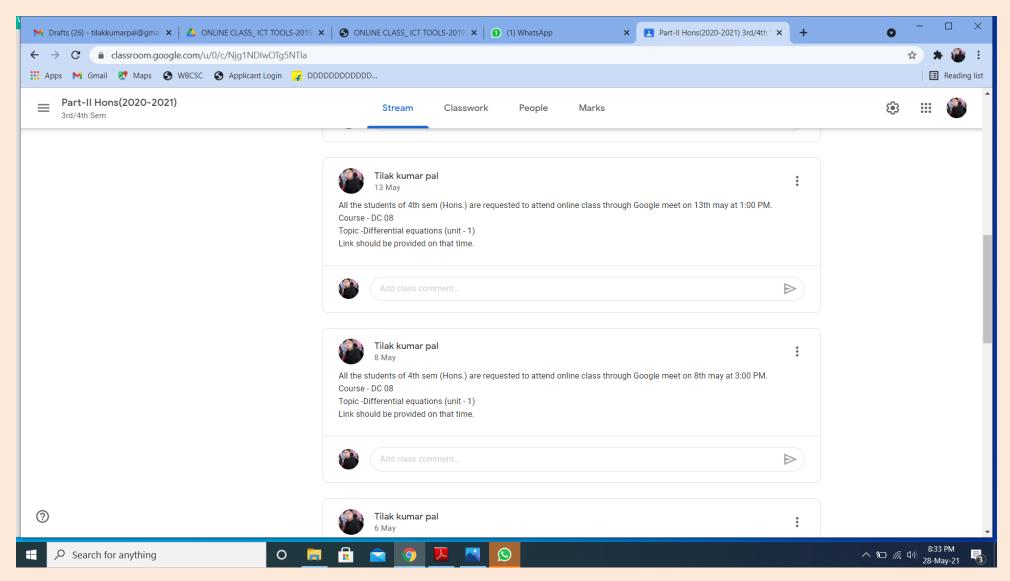
Tilak Kumar Pal took class through Google meet on 05-04-2021.



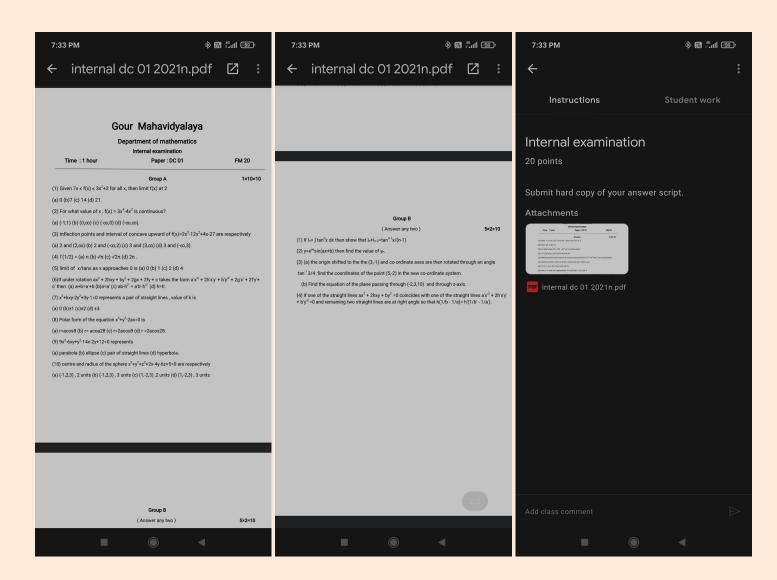
Tilak Kumar Pal taken class through Google meet on 06-05-2021

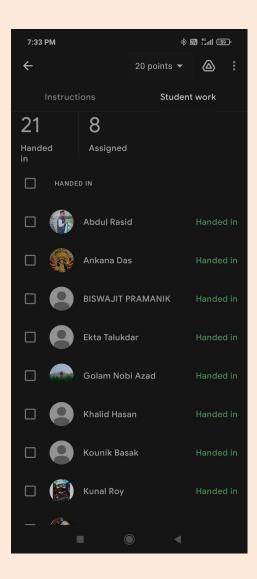


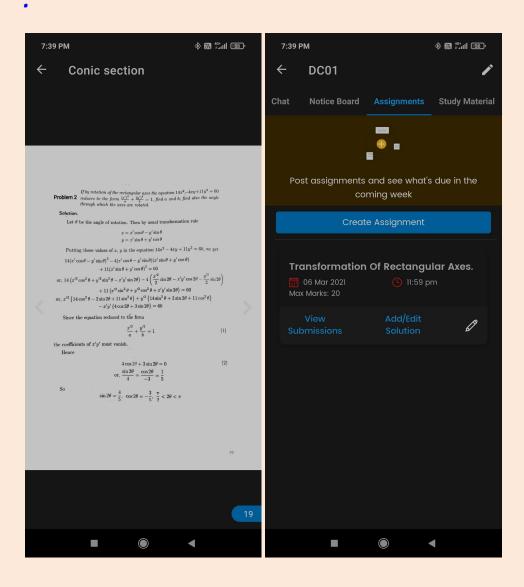
Tilak Kumar Pal took class through Google Meet on 02-03-2021.



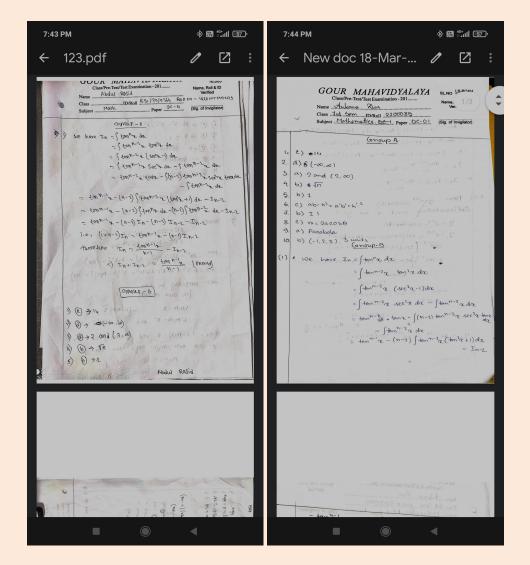
Tilak Kumar Pal, Announcement for class through Google Meet on 08-05-2021.







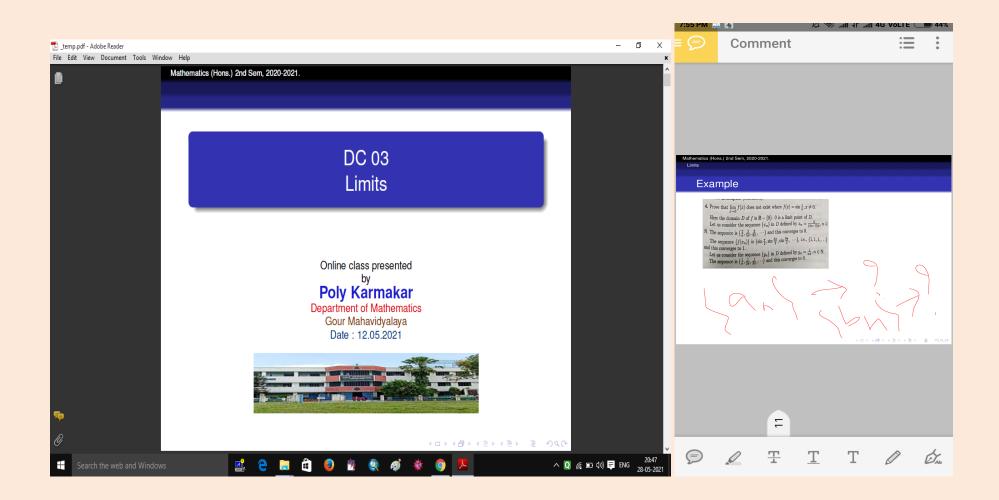
Md Sahid Alam took class on teachemint app on 06.03.2021

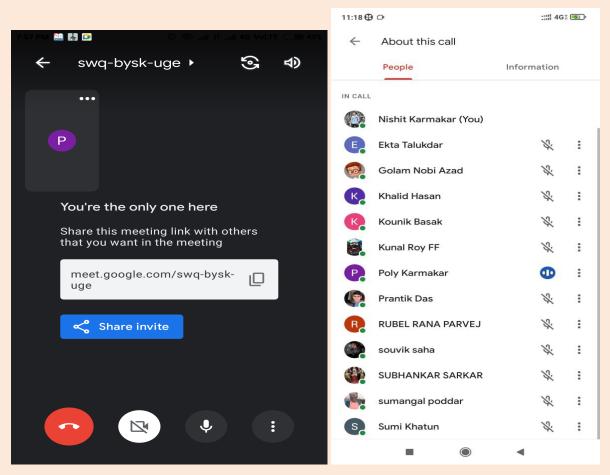


Students submitted answer scripts through google classroom.

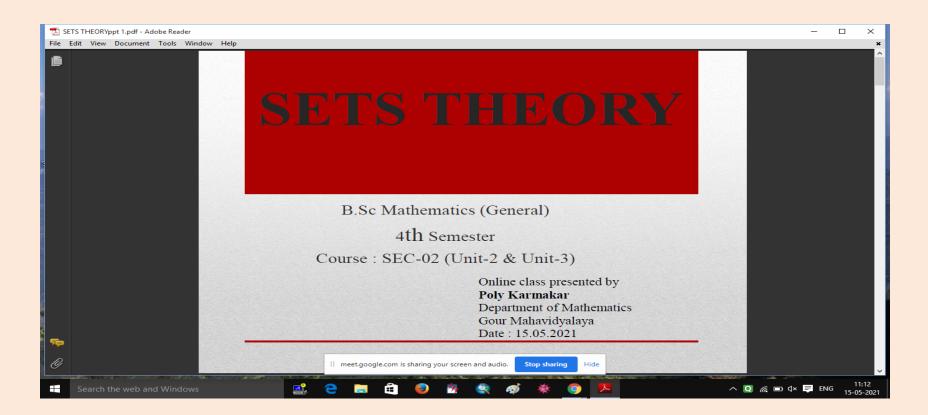
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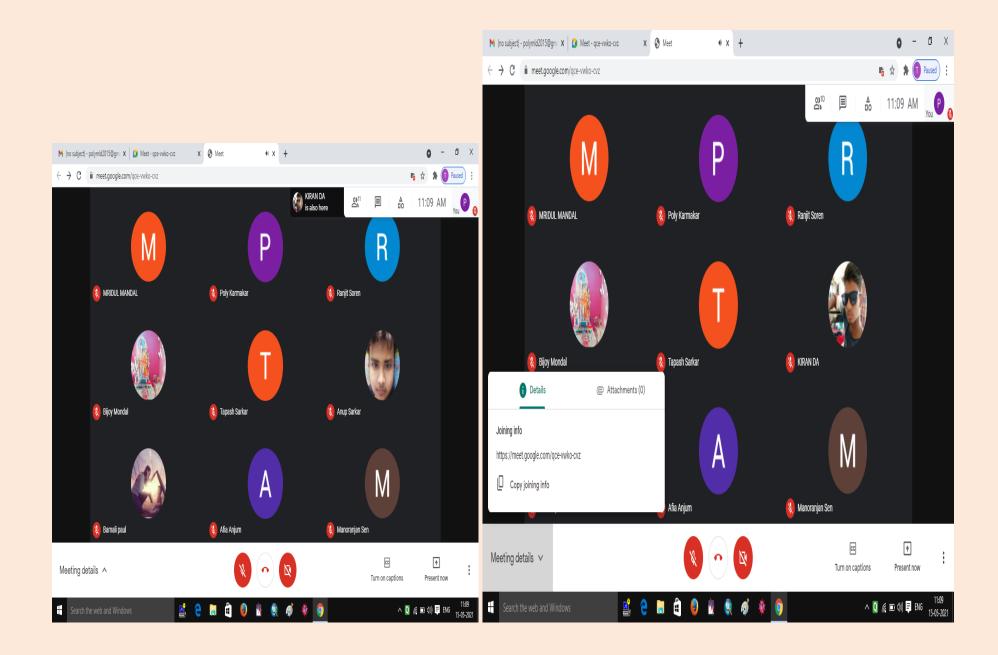
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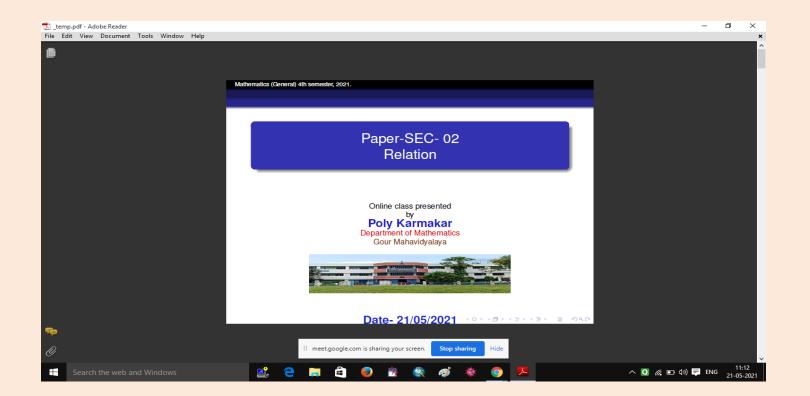
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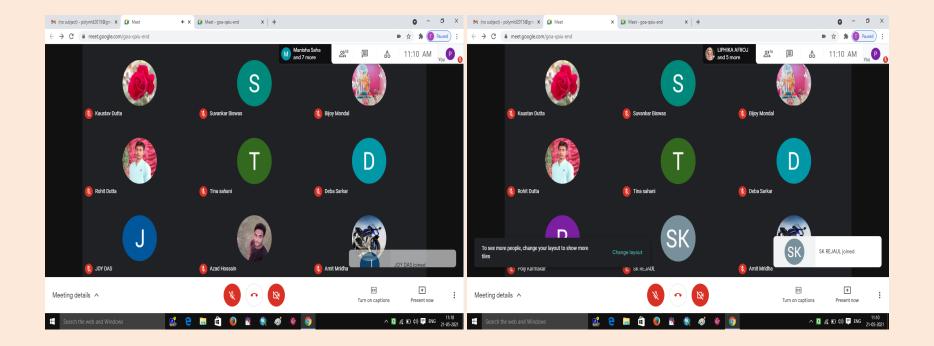




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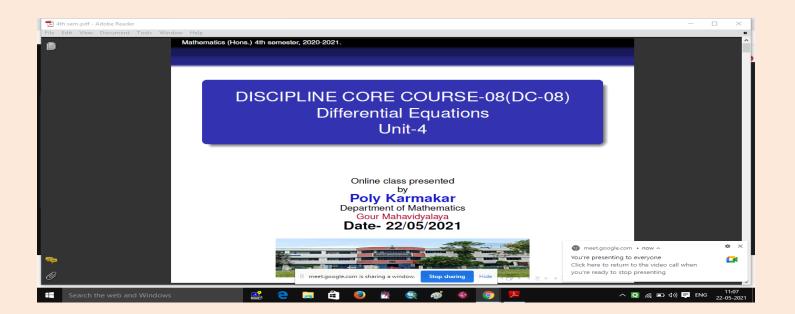
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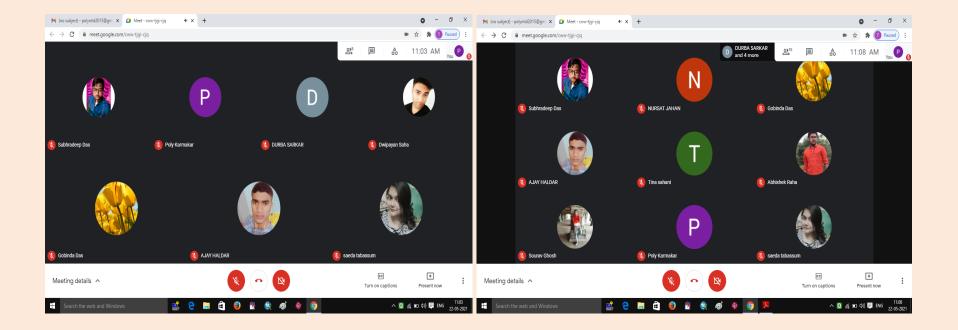


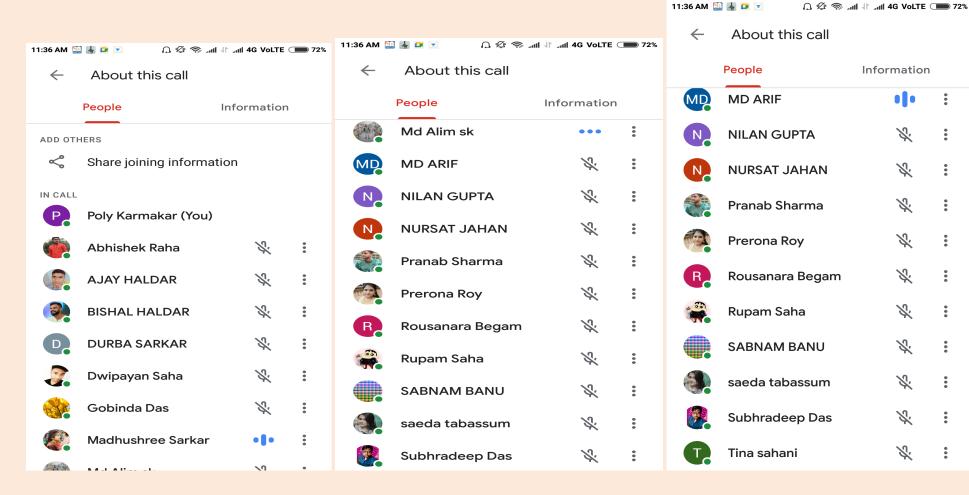


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