

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 LEARNING P:2019-20

DOCUMENTS

Name of Teacher and Department	Name of the Module	Platform on which module is developed	Date of launching offline and online classes
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1. MATHEMATICS: Rakesh Sarkar, Assistant Professor in Mathematics	Orientation, Class (Offline), Zoom Meeting, Google Meeting, Google Classroom, gmail.com, WhatsApp 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), 2.4.2020 onwards (Online)
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	Laptop,Screen, Projector)		
2. Tilak Kumar Pal, State Aided College Teacher, Mathematics	Zoom Meeting, Google Meeting, Google Classroom, gmail.com, WhatsApp 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, Mathematics	Zoom Meeting, Google Meeting, Google Classroom, gmail.com, WhatsApp 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, Google Classroom, gmail.com, WhatsApp Group :uploading and sharing of	Screen, Laptop, Projector (Offline) Laptop, Mobile (Online)	8.4.2020 onwards

Mathematics	relevant course/study materials and on line class(Offline: Laptop,Screen, Projector)		
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**Photo-Screen Shot -Online Class,Offline class-
Use of ICT Tools:**





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

update: Demonstrators:

Syfujjaman Tarafder, Convenor of e- learning committee, Sri Arijit Bhattacharya, Assistant Professor in Computer Science, member of ICT committee, Mr Ekram Alam, Assistant Professor in Computer Science, member of ICT committee, Sri Akhil Das, Convenor, ICT Committee, Mursed Alam, Assistant Professor in English, Sri Satyajit Paul, Assistant Coordinator, IQAC: Venue: Department of Computer Science: Date: 26.8.2019 (From 1 P.M. to 3 P.M.)

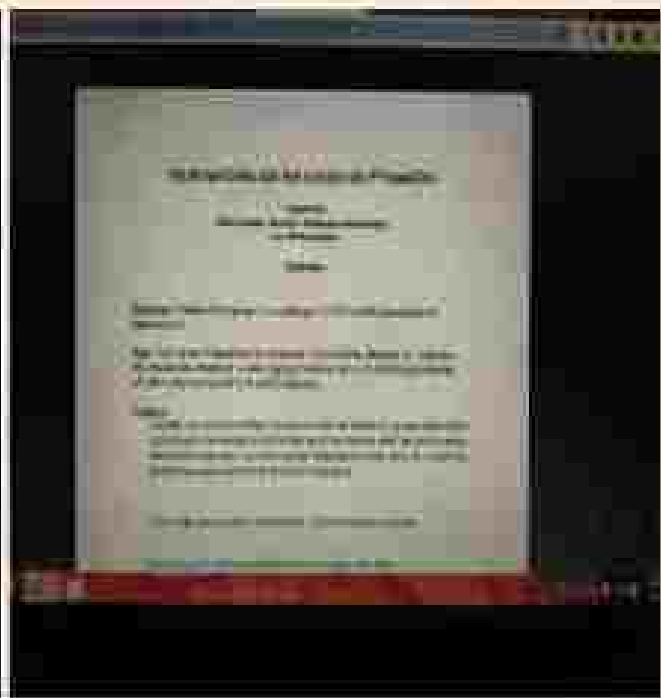
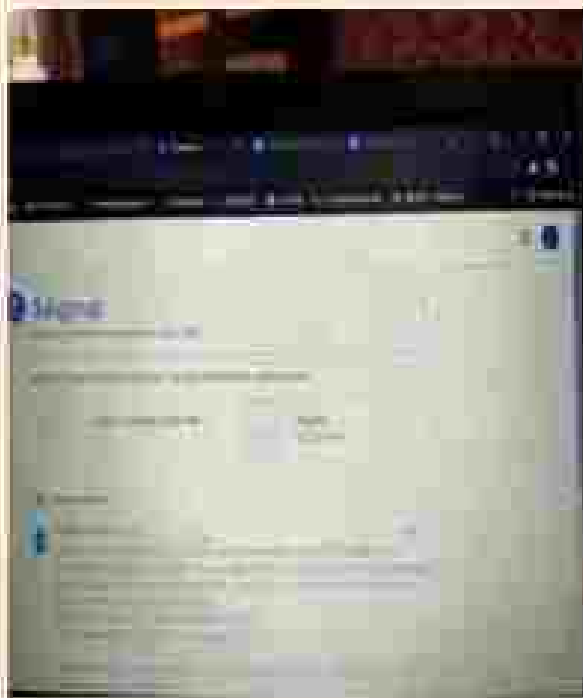


**(CBCS:Central Orientation
Programme:Dr.AnirbanRay,Member
Academic Council,11.7.2019) of**



**Student Orientation Programme
DEPARTMENT:- : MATHEMATICS
, Rakesh Sarkar, Assistant Professor)
Date:11.7.2019**

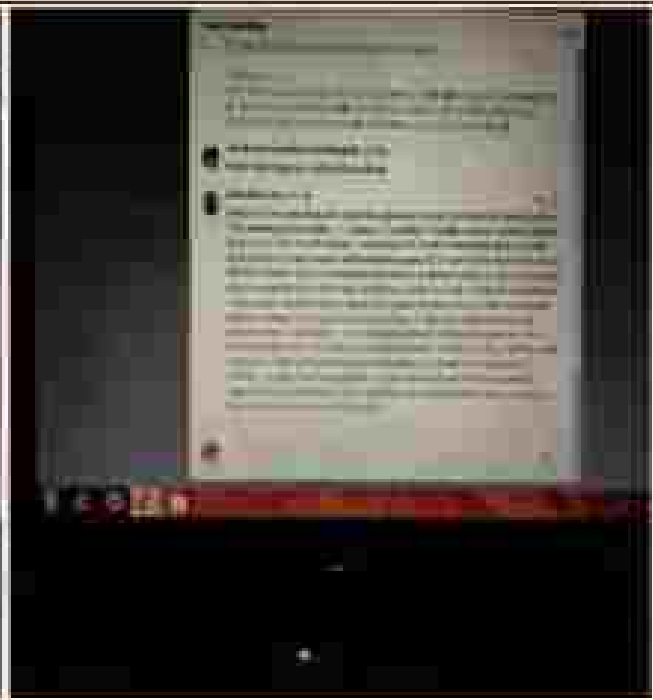
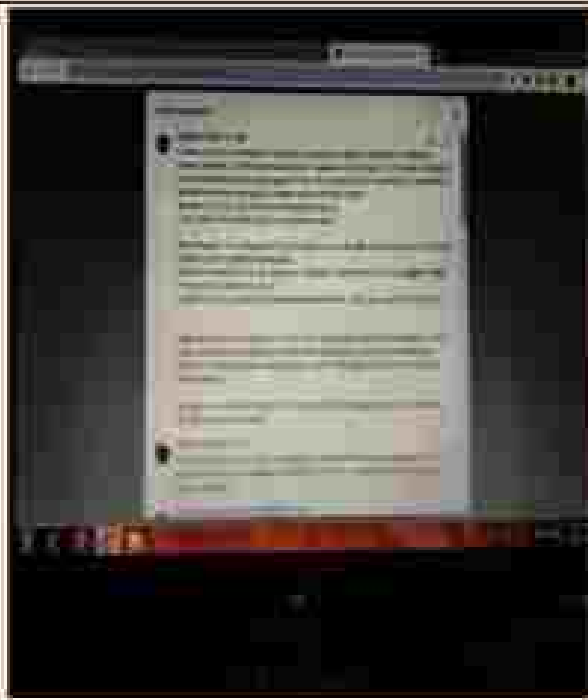
ONILE CLASS:



Rakesh Sarkar submitted study material through Google Classroom on 08.04.2020



Rakesh Sarkar posted Assignment question through Google Classroom on 08.04.2020



Students submitted Assignment through Google Classroom



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.



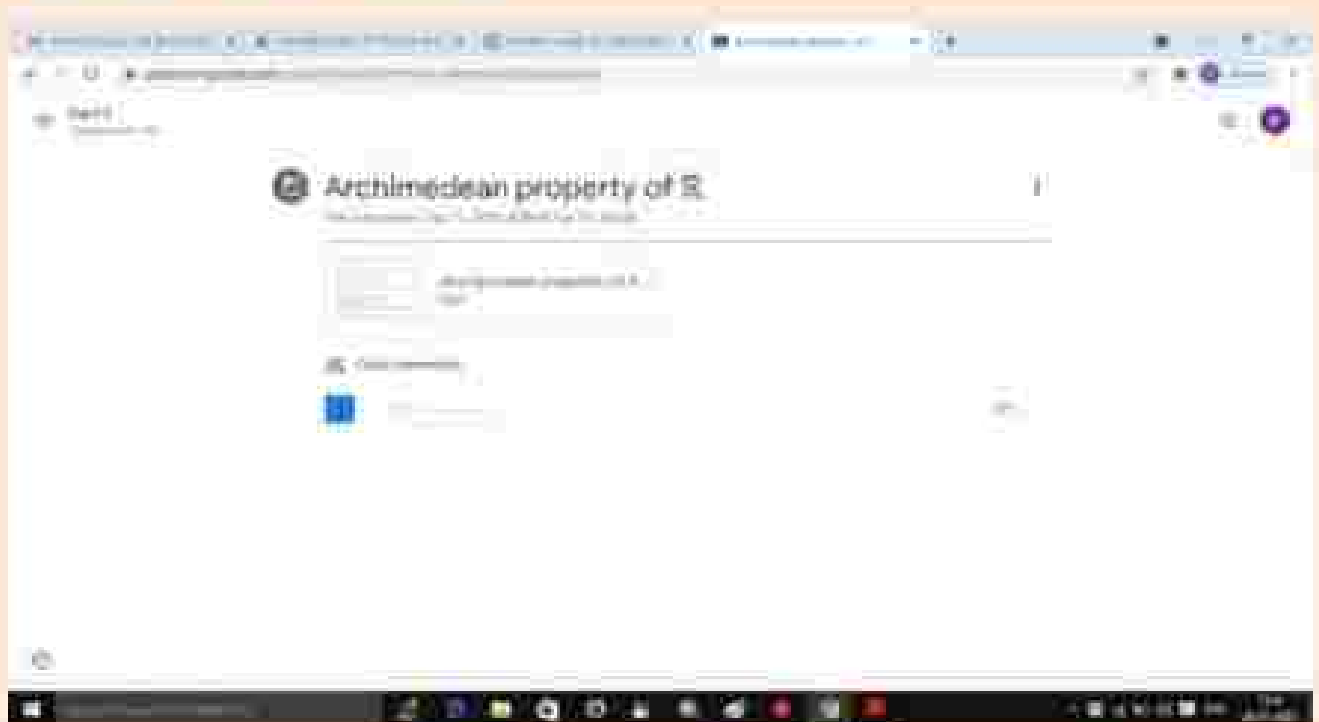
Tilak Kumar Pal post B.sc 2nd year Internal Examination question paper through Google classroom on 10.6.2020.



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



Poly Karmakar submitted study material through Google Classroom on 11.04.2020.



Poly Karmakar submitted study material through Google Classroom on 11.04.2020.



Poly Karmakar submitted study material through Google Classroom on 13.04.2020.

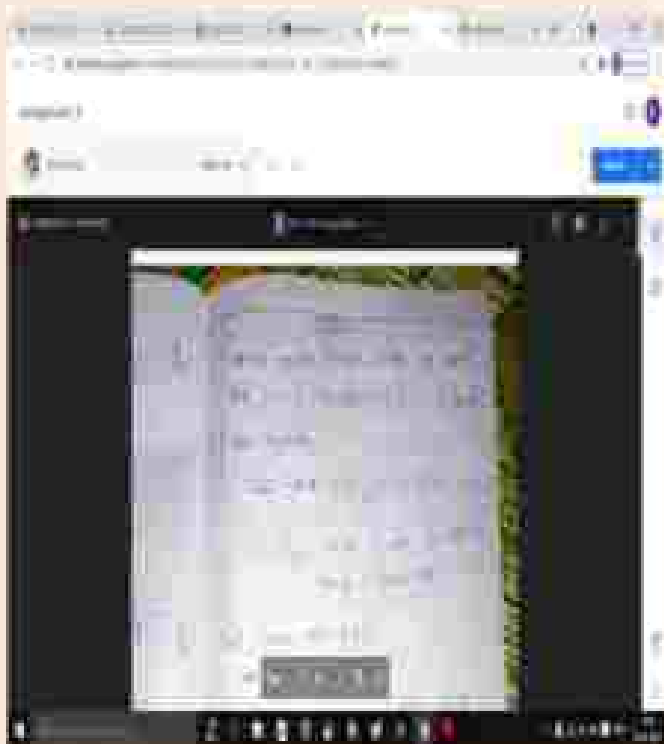


Poly Karmakar submitted study material through Google

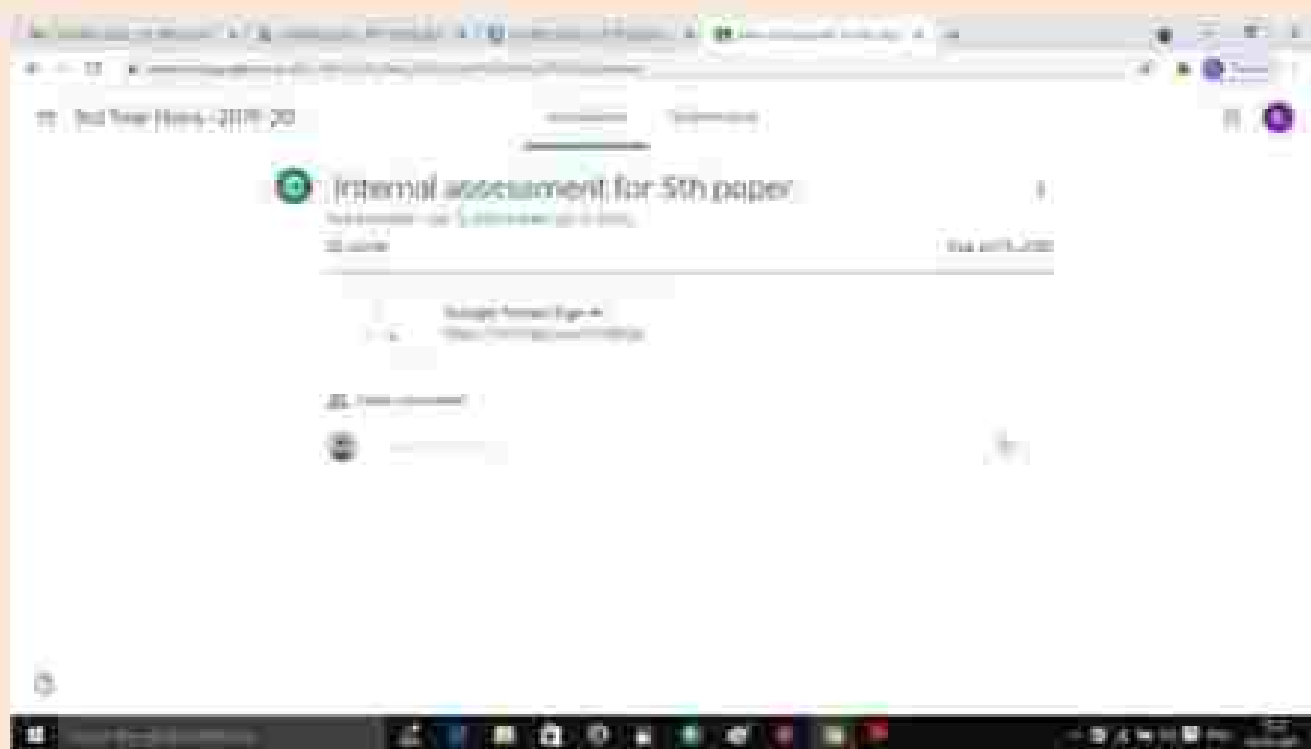
Classroom on 23.04.2020.



Poly Karmakar posted an Assignment question through Google Classroom on 08.04.2020.



Students submitted assignments through Google Classroom.



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



Students submitted assignments through Google

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.

solution in the open interval $(n, n + 1)$ where n is the positive integer. What is the value of n ?

2 points

4 user comments

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

Part 1

2024 Student up to 100% for

2024 Student up to 100% for

The equation $x^5 + x^3 + 2x = 2x^4 + 3x^2 + 4$ has a solution in the open interval $(n, n + 1)$ where n is the positive integer. What is the value of n ?

2 points

4 user comments

2024 Student up to 100% for

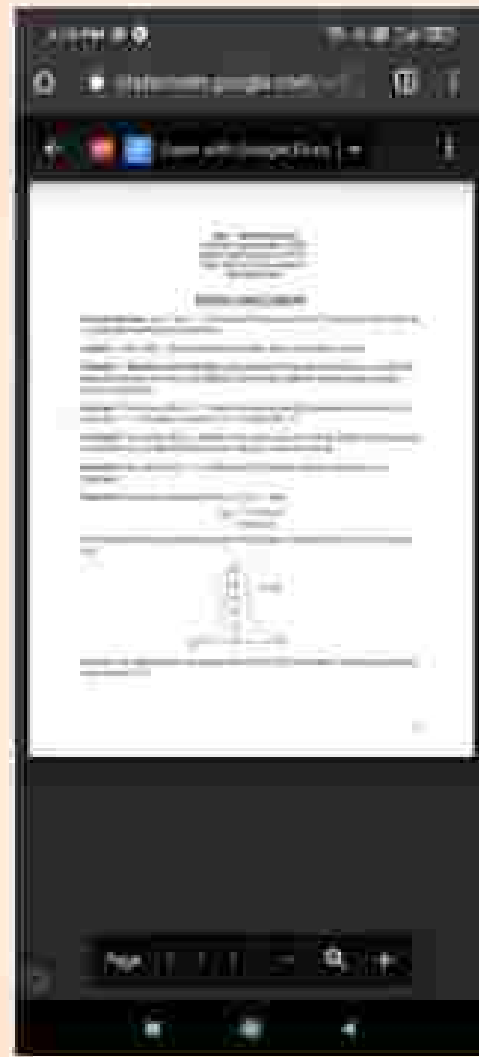
2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

2024 Student up to 100% for

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



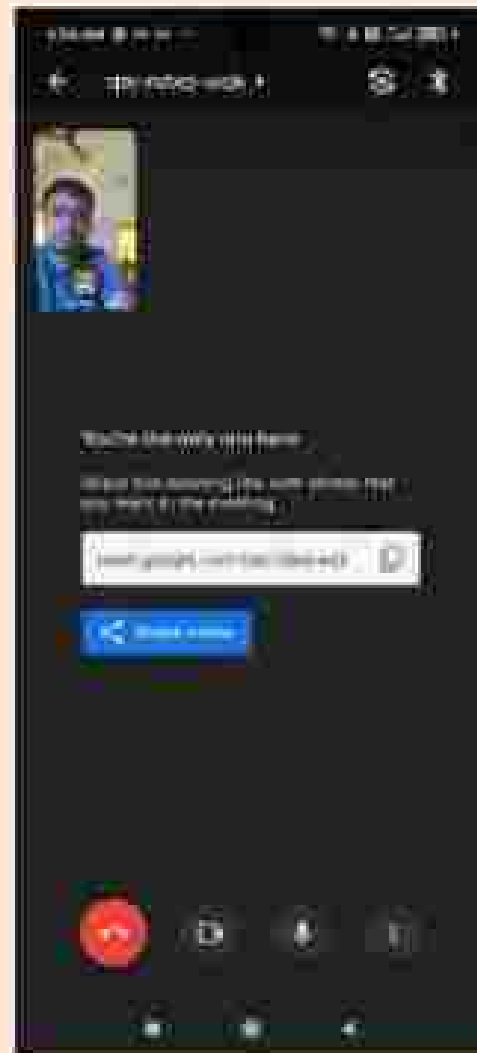
Md Sahid Alam submitted study material through Google Classroom on 11.04.2020.



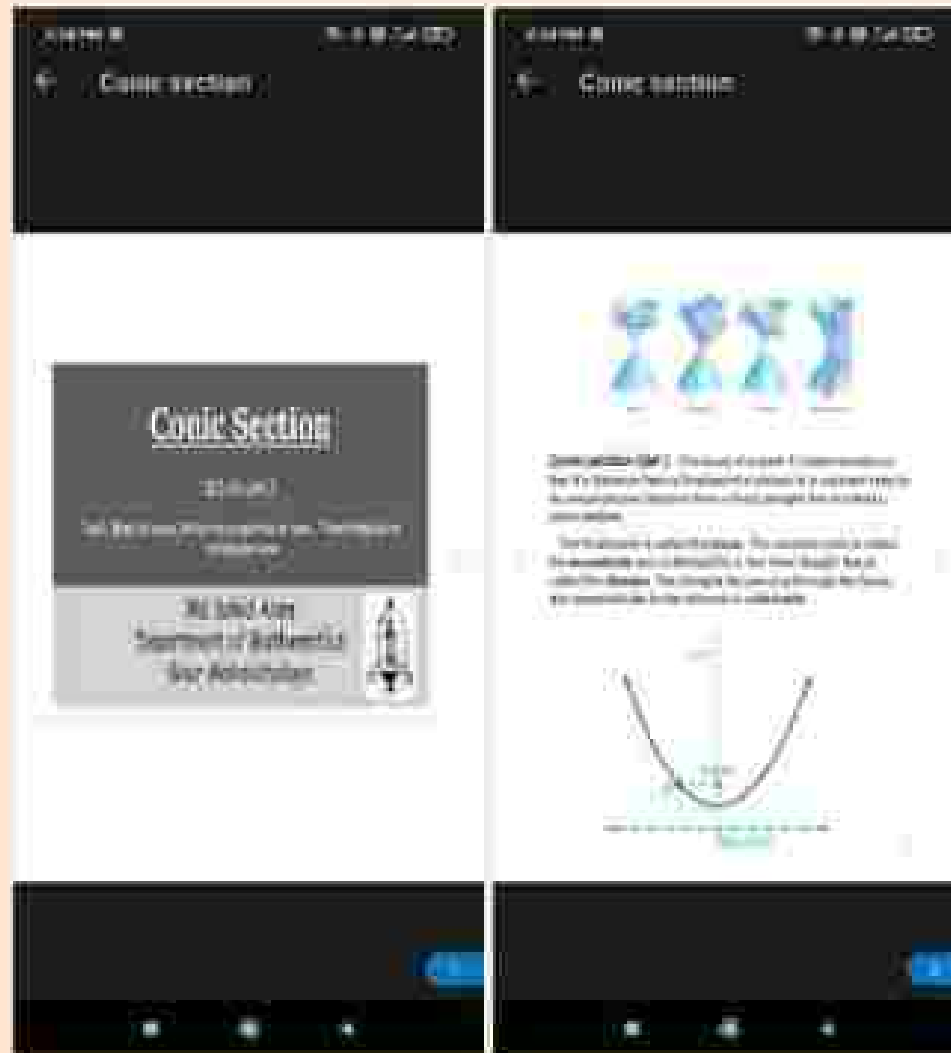
Md Sahid Alam submitted assignment through Google Classroom .



Md Sahid Alam submitted assessment through Google Classroom .



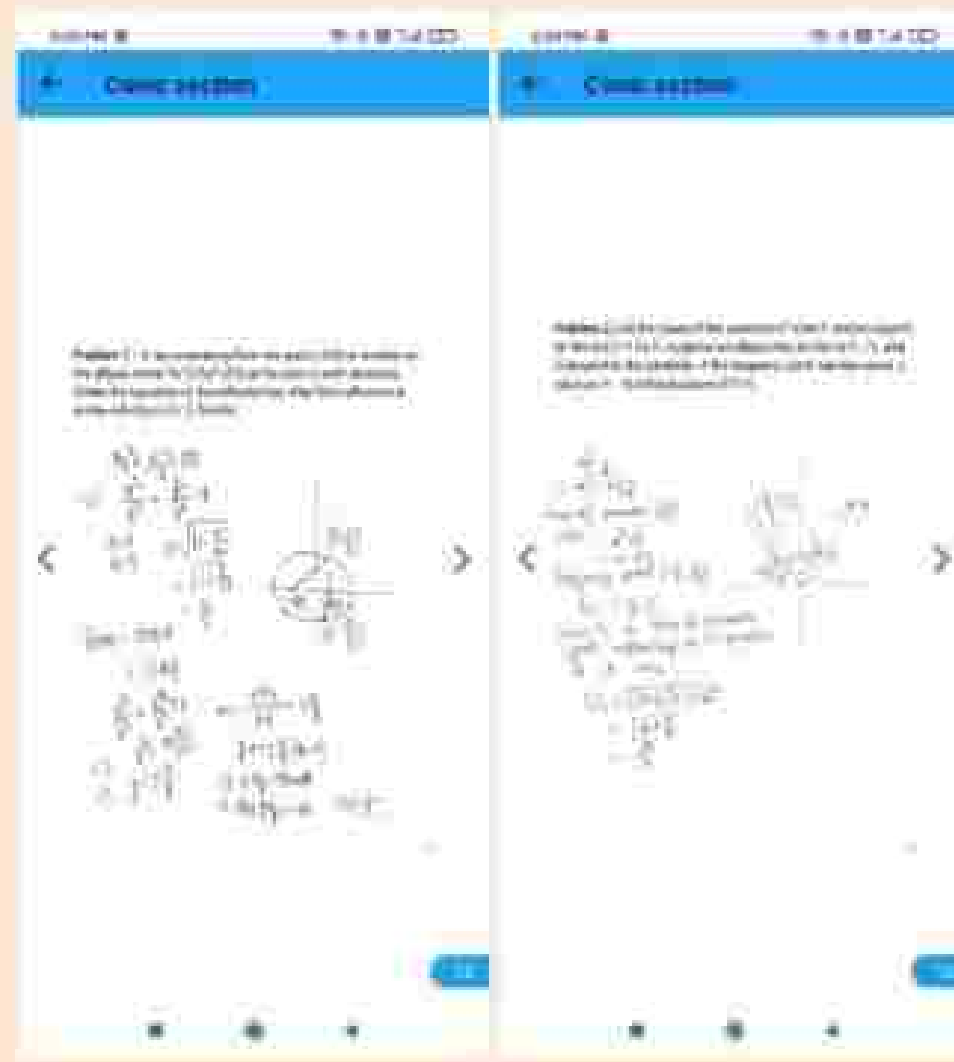
Md Sahid Alam took class through Google meet.



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

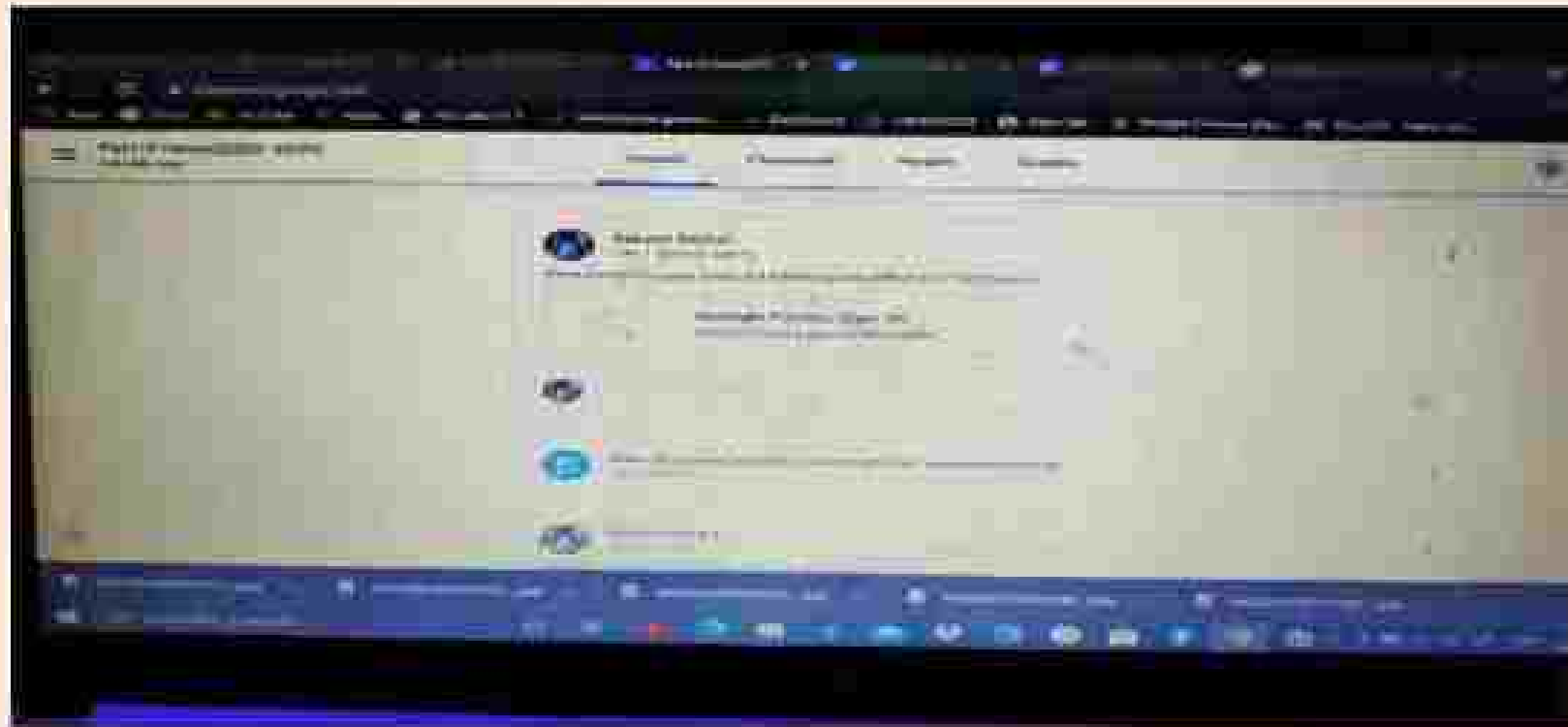
SESSION:2020-21



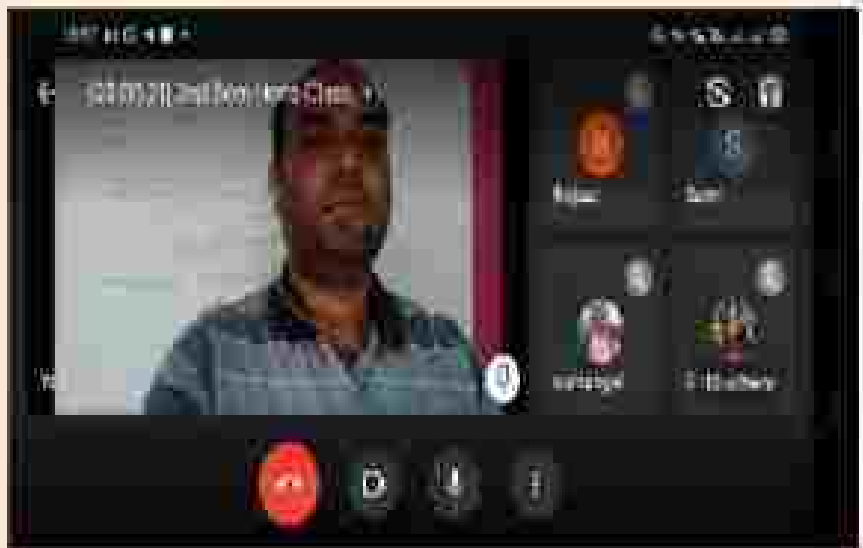
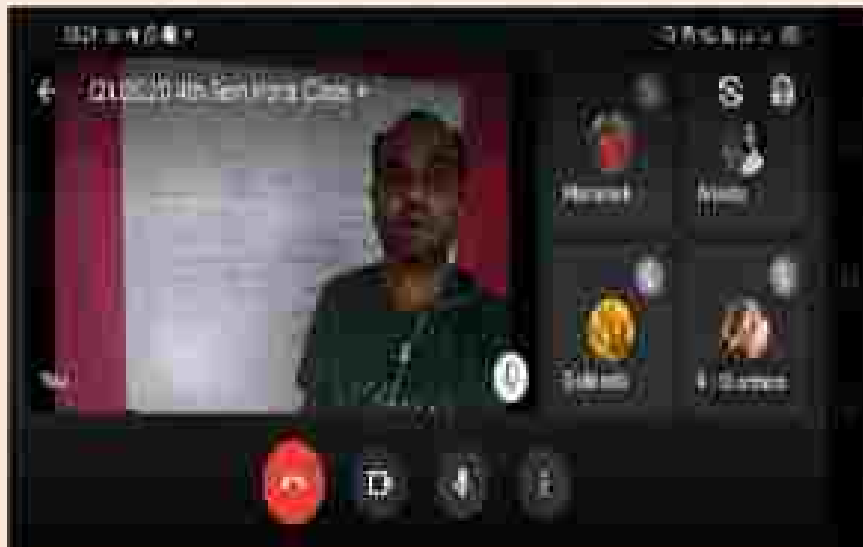
**Rakesh Sarkar posted study material through Google Classroom and took the assignment on
18.03.2020**

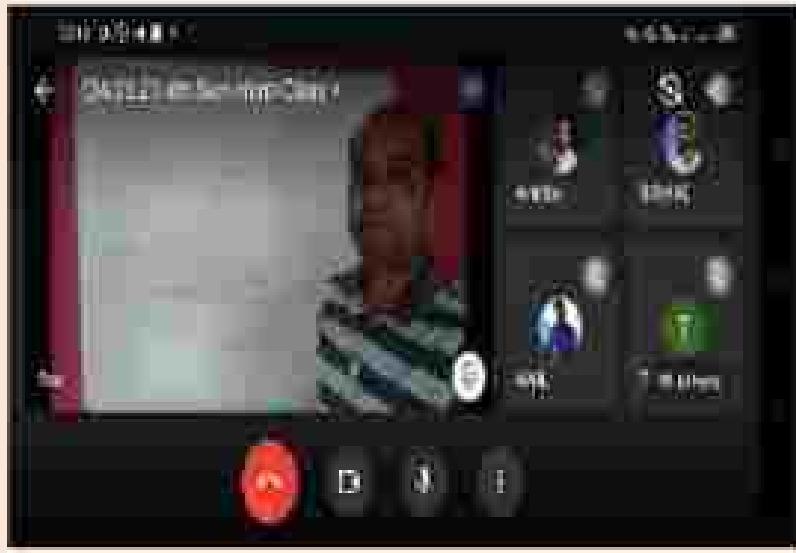


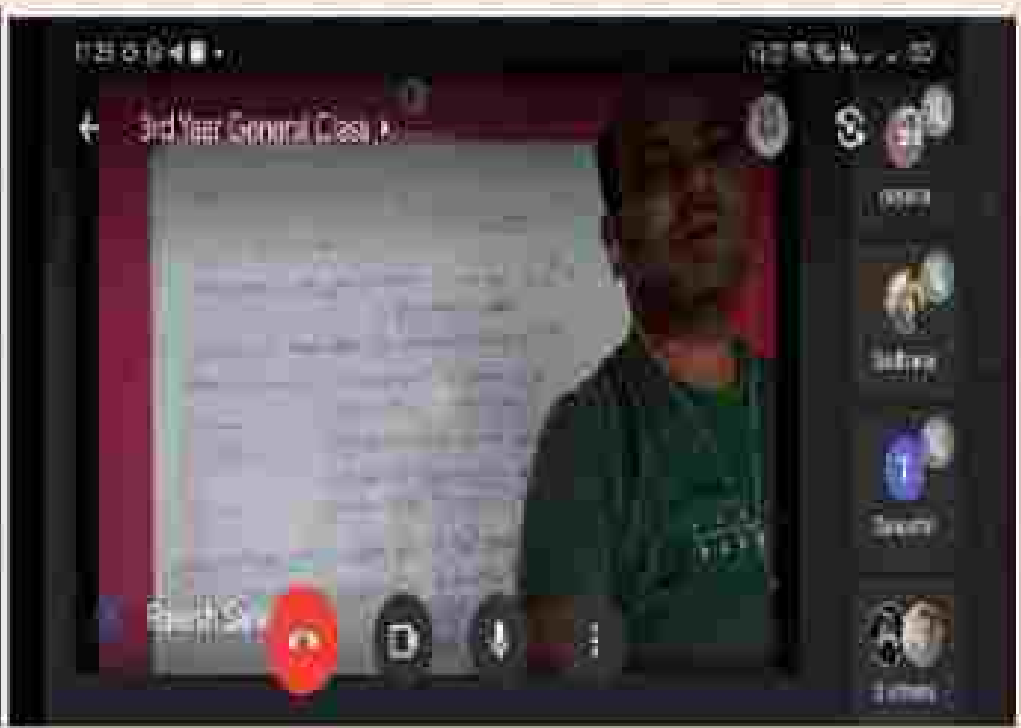
**Rakesh Sarkar posted study material through Google Classroom and took the assignment on
18.02.2020**

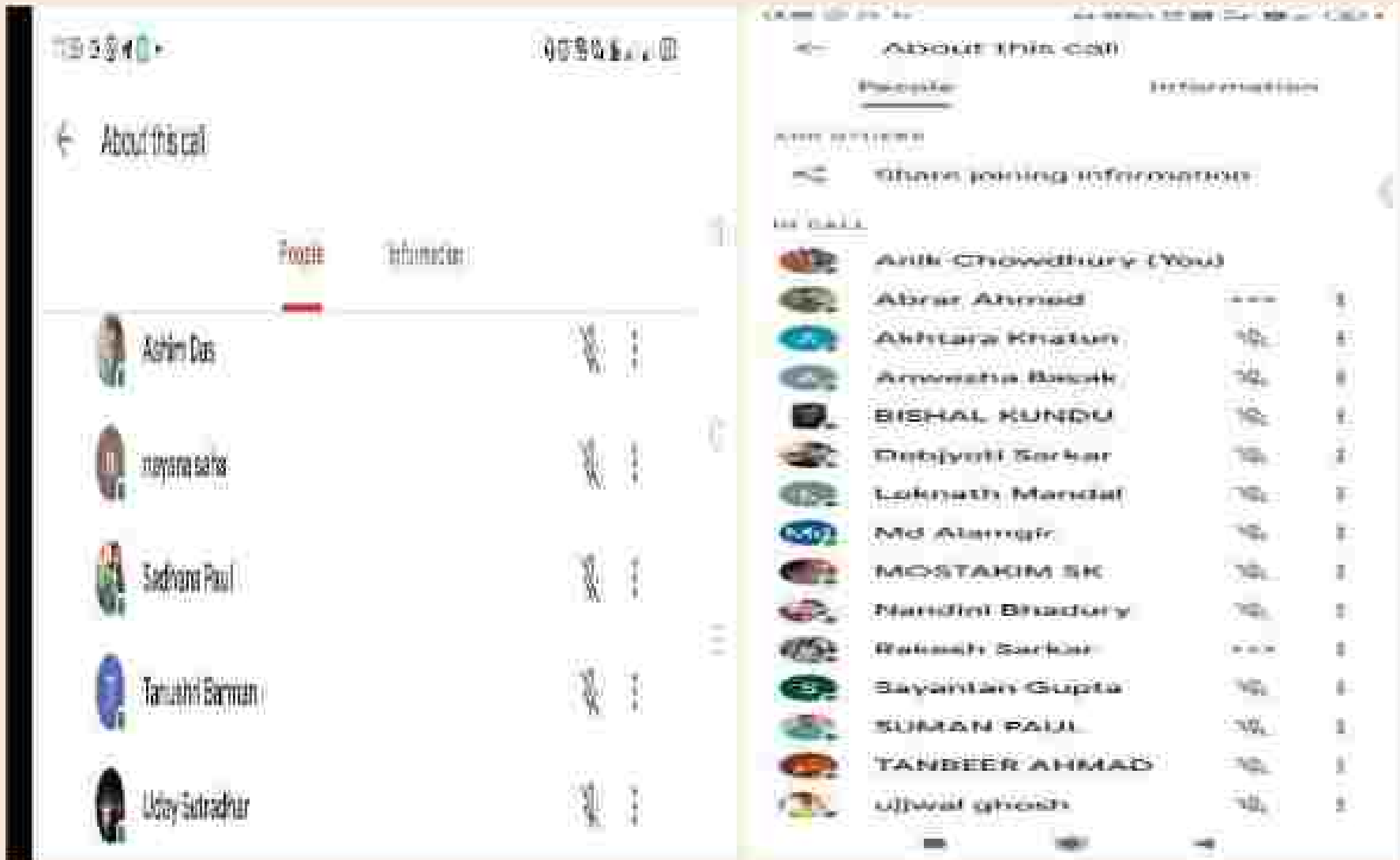


**Rakesh Sarkar collected project report using Google form through Google Classroom on
01.01.2021**









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

Mathematics (Hons.) 2nd semester, 2020-2021

MATH-H-DC04 Group Homomorphisms

Course code: MATH-H-DC04

Online class presented
by
Tilak Kumar Pal
Department of Mathematics
Date: 21-05-2021



20:34:10 (GMT+05:30)

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



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

The image shows a Zoom meeting interface on a laptop screen. The main area displays a grid of participants. The participants are arranged in a 3x3 grid. The top row contains three participants: a woman with pink hair, a grey circle, and a woman with dark hair. The middle row contains three participants: a woman with orange hair, a blue circle with the letter 'N', and a red circle with the letter 'N'. The bottom row contains three participants: a blue circle with the letters 'MD', a pink circle with the letter 'R', and a woman with dark hair. The bottom of the screen shows a toolbar with icons for chat, mute, video, and other meeting controls. On the right side, there is a sidebar with a list of participants and their names, along with icons for mute, video, and chat. The background of the meeting is dark.


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

Mathematics (Hons.) 2nd semester, 2020-2021
What is a function?

Function

What is a function?

input


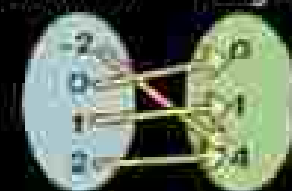


output

$f(x) = 2x + 1$

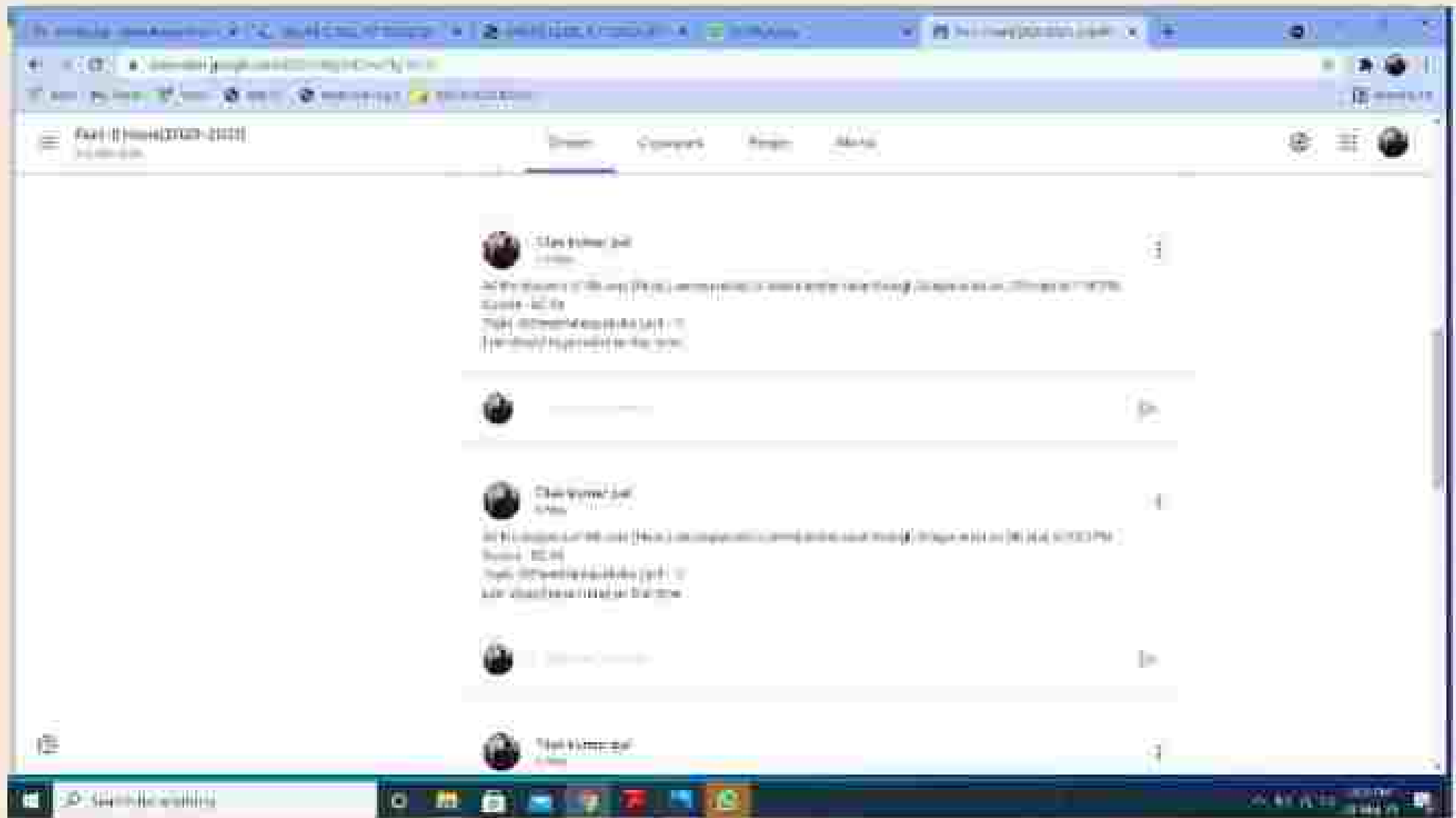
x	y
-2	-3
-1	-1
0	1
1	3
2	5

domain range



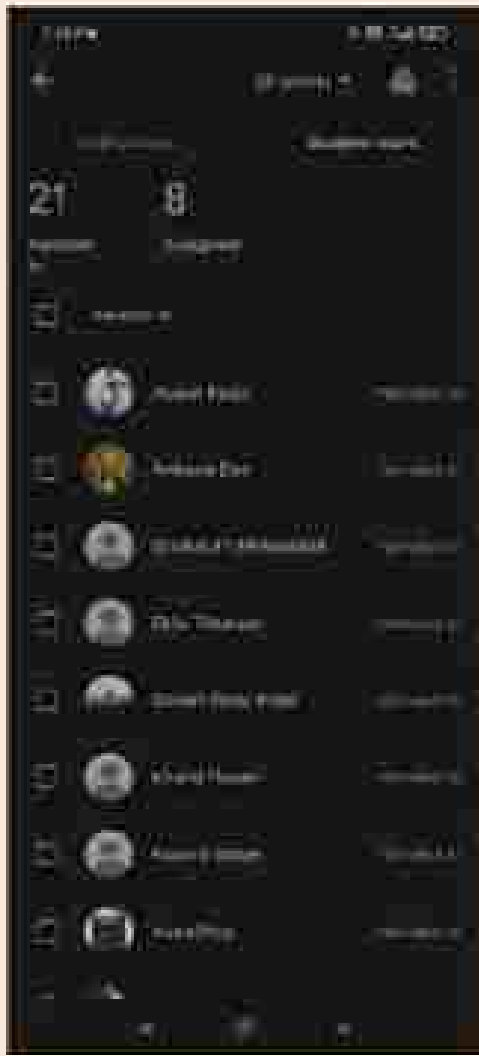
Windows Taskbar: Microsoft Word, Google Chrome, File Explorer, etc.

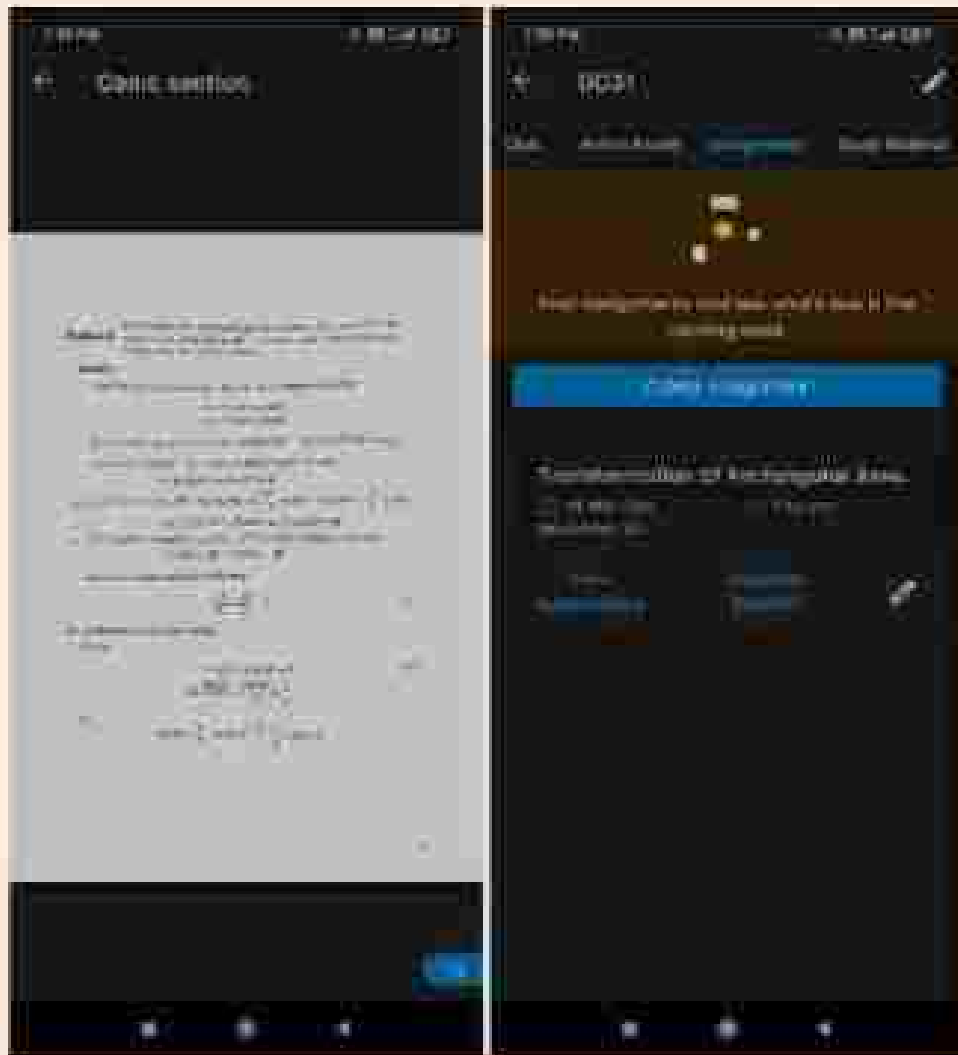
Tilak Kumar Pal took class through Google Meet on 02-03-2021.



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



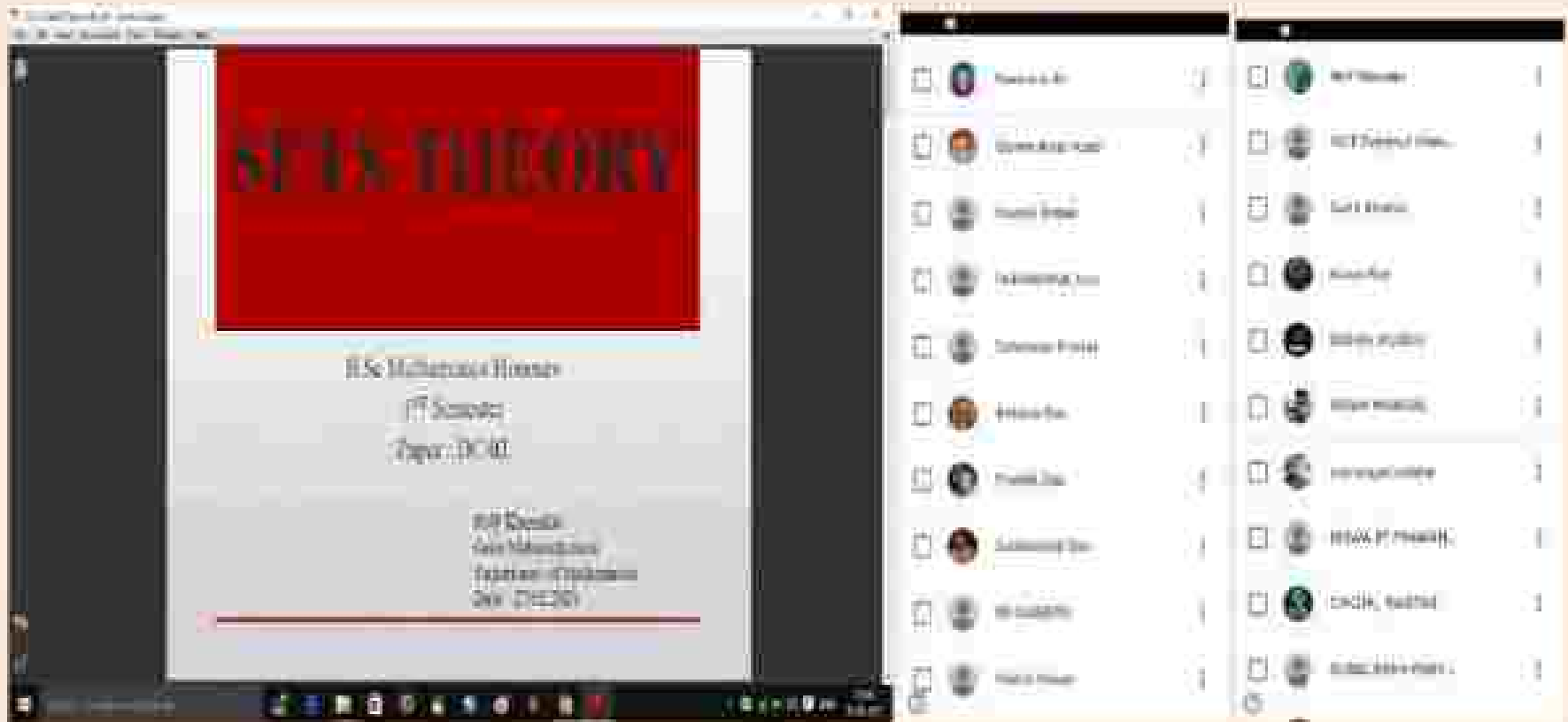




Md Sahid Alam took class on teachemint app on 06.03.2021



Students submitted answer scripts through google classroom.



Poly Karmakar took class through Google Meet on 27.02.2021.

Microsoft Word - DC-03 Limits.docx

DC-03 Limits

Online class presented
by
Poly Karmakar
Senior Membership
(Date: 11/01/2021)



Microsoft Word status bar: Page 1 of 1, 100 words, 1 page, 11/01/2021, 10:00 AM

Document

Outline

1. Introduction

2. Limits

3. Continuity

4. Derivatives

5. Applications of Derivatives

6. Integration

7. Applications of Integration

8. Polar Coordinates

9. Parametric Equations

10. Sequences and Series

11. Probability

12. Statistics

13. Complex Numbers

14. Matrices

15. Differential Equations

16. Vector Calculus

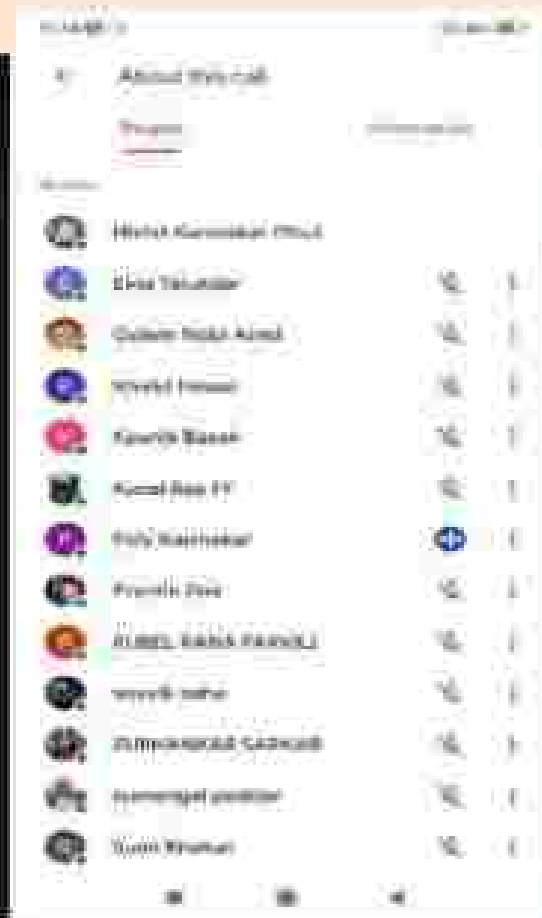
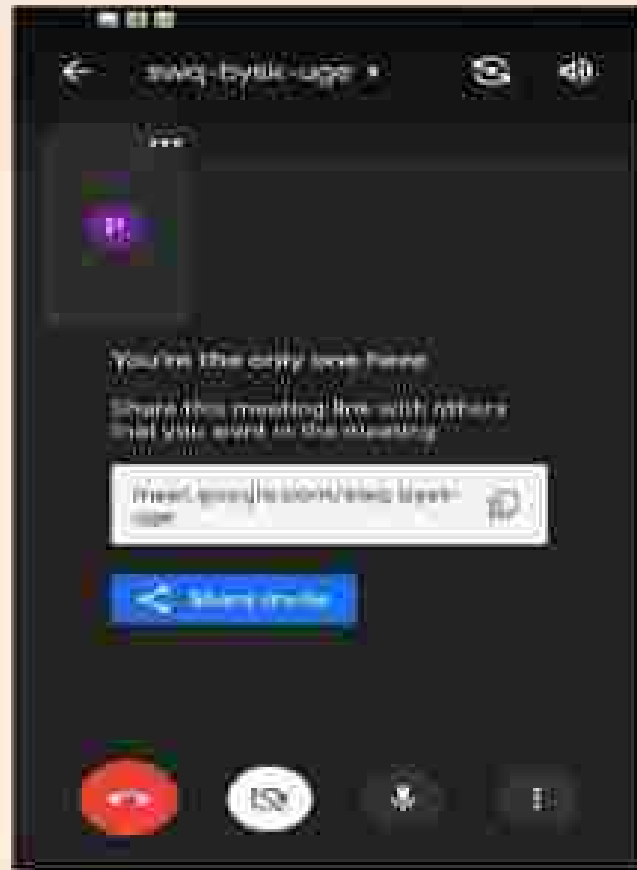
17. Multiple Integrals

18. Partial Derivatives

19. Lagrange Multipliers

20. Final Review

Microsoft Word status bar: Page 1 of 1, 100 words, 1 page, 11/01/2021, 10:00 AM



Poly Karmakar took class through Google Meet on 12.05.2021.

SETS THEORY

B.Sc. Mathematics (General)

4th Semester

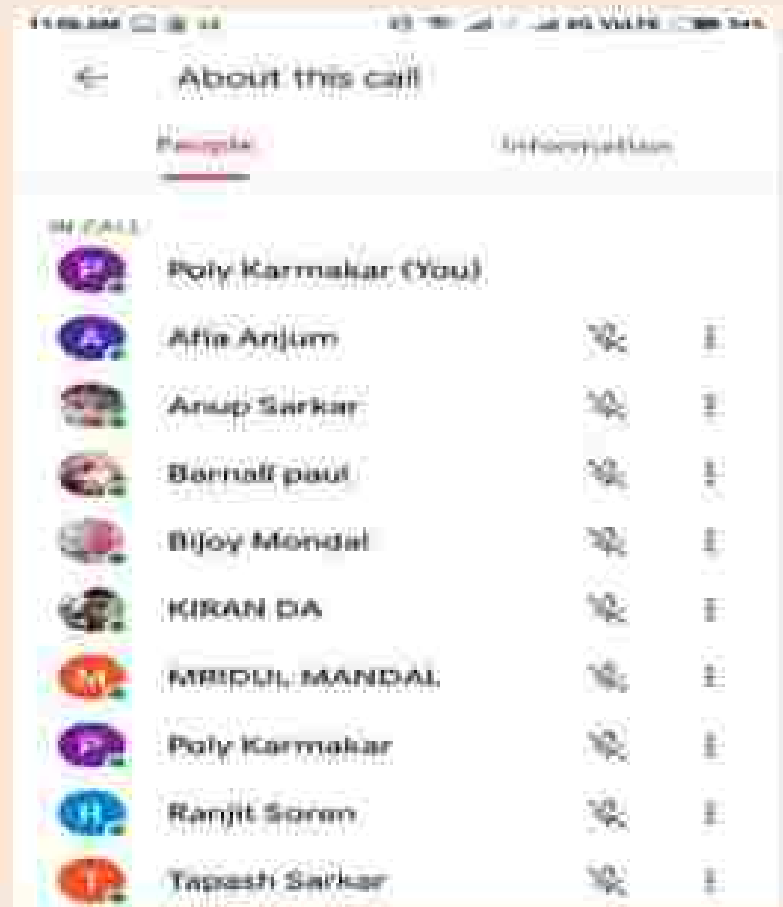
Course: SEC-02 (Unit-2 & Unit-3)

Online Live presented by
Pooj Karmakar
Department of Mathematics
Gone Stationery Store
Date: 15.05.2021

www.gonestationery.com

Buy Now





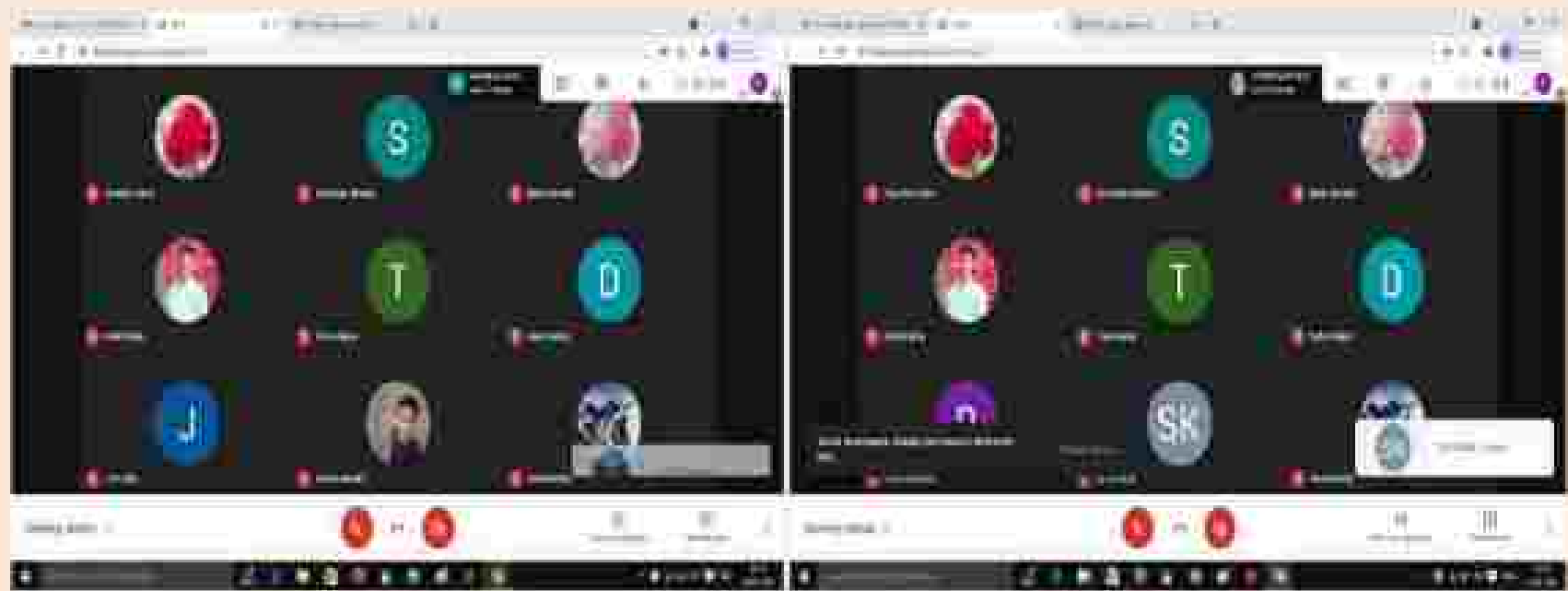
Poly Karmakar took class through Google Meet on 15.05.2021.

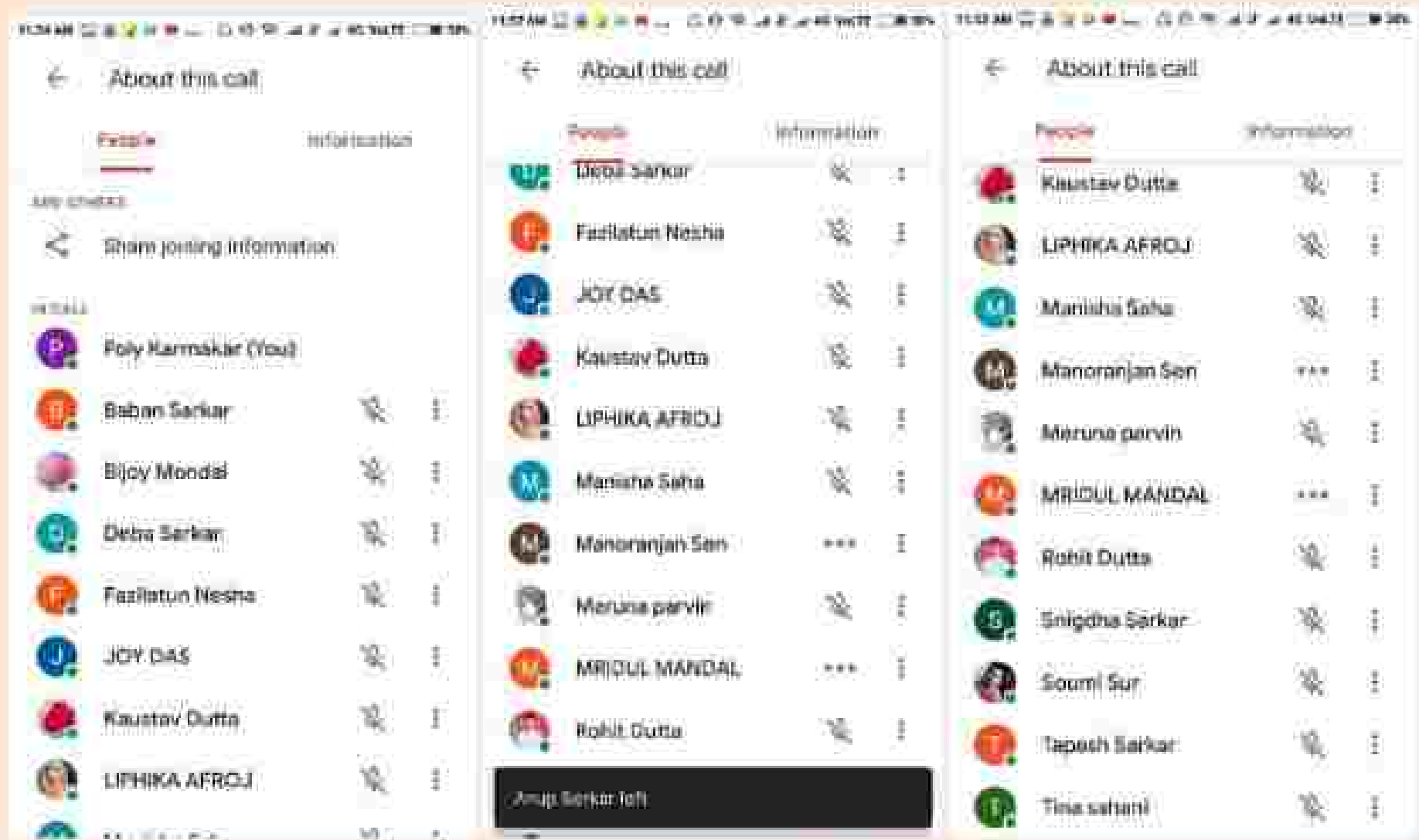
PowerPoint presentation slide titled "Paper SEC-02 Relation".

The slide content includes:

- A blue header box with the text: "Paper SEC-02 Relation".
- Text: "SEC-02 is related to".
- Text: "Poly Kattmanar".
- A photograph of a large, modern building with a glass facade, likely a university or research facility.
- Text: "Date-21/08/2021".

The slide is displayed within a presentation software window, with a Windows taskbar visible at the bottom.





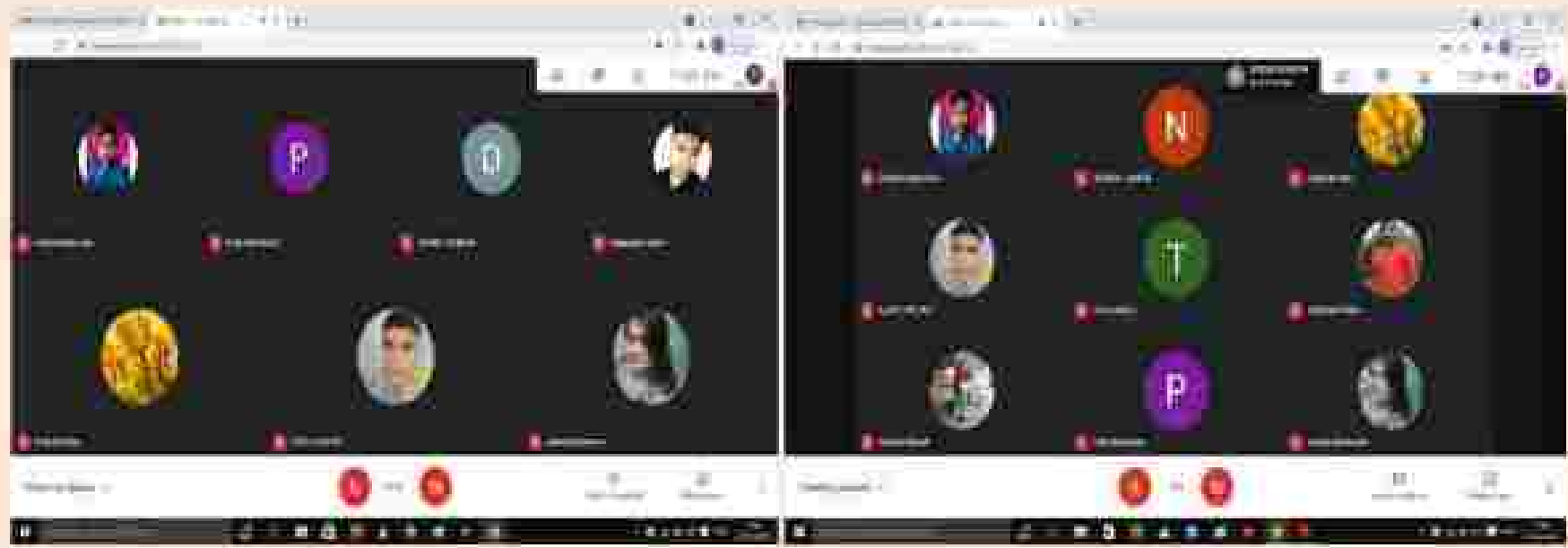
Poly Karmakar took class through Google Meet on 21.05.2021.

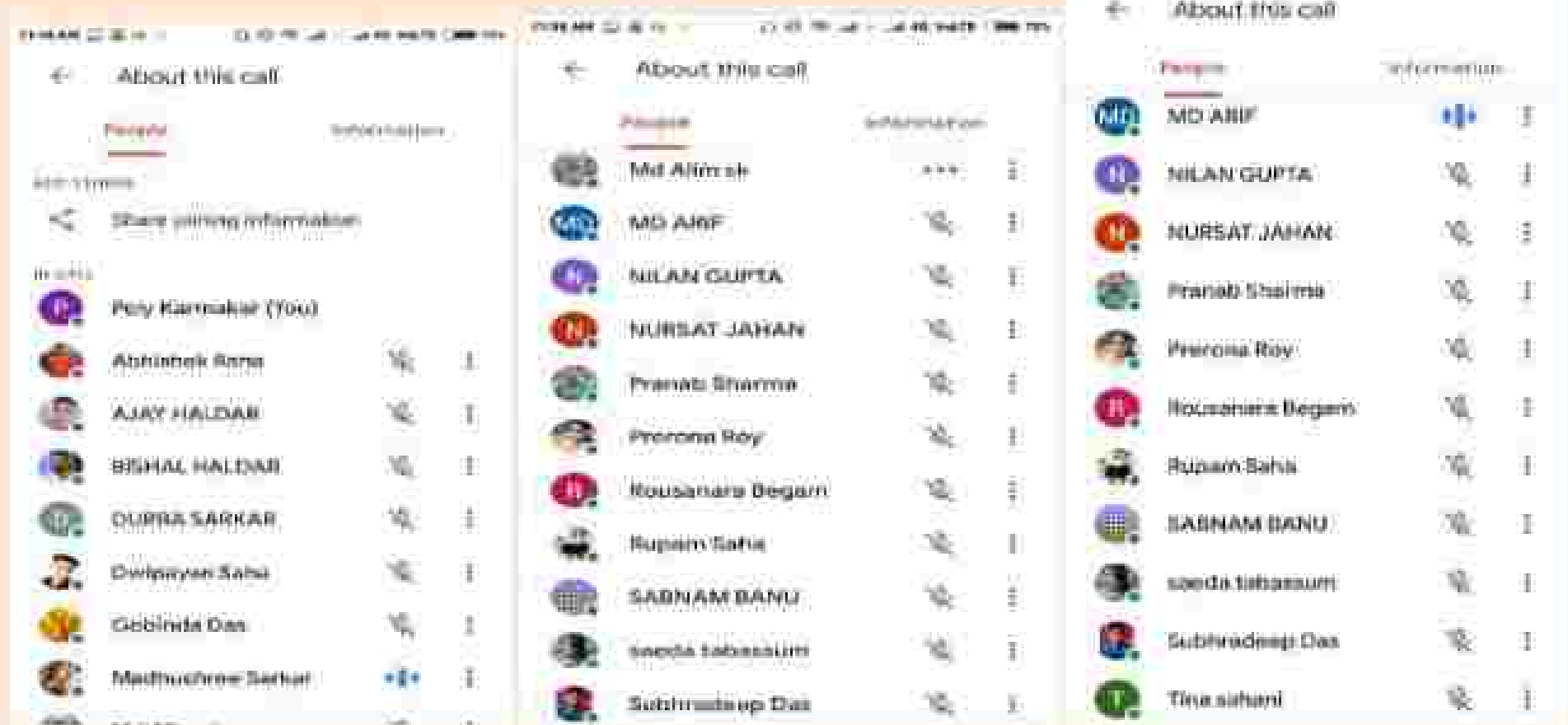
DISCIPLINE CORE COURSE-04(DC-04)
Differential Equations
Unit-4

Content developed
by
Poly Karmakar
Professor of Mathematics
Cau. Edu. Society
Date- 22/05/2021



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International License.





Poly Karmakar took class through Google Meet on 22.05.2021.

Rakesh Samra
27. 05. 2021

Tilak Kumar Pal
27/05/2021

Poly Karmakar.

27.05.2021

Md Sabirul Alam

27.05.21

