

- 28-30 June 2021: Department of Mathematics organises workshop on Foundations of Mathematical Analysis

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BISHOP MOORE COLLEGE, MAVELIKARA
Workshop on Foundations of Mathematical Analysis

28-30 JUNE 2021

Day 1 - 28 - 06- 2021

Time- 2.30 P.M



Dr. Reji T
Associate Professor
Govt. College, Chittur

Talk - 1

"An Introduction to Mathematical Analysis"

Time - 4.30 P.M



Ms. Linet Roslin Antony
Assistant Professor
S.H College, Chalakudy

Talk - 2

"Sets and Functions"

Reji T is presenting

Foundations of Real Analysis. Calculus

$\mathbb{R} = \text{Rationals} \cup \text{Irrationals}$

76

2:58 PM | bzu-kkay-ktw

Turn on microphone (ctrl + d)

SHILPA G KRISHNAN 2:51 PM
Thank you so much sir

Yogesh Prasad 2:52 PM
Thank You sir...

Anuja Anil 2:52 PM
Thankyou sir

Athira G H 2:54 PM
Thank u so much sir

Athira G H 2:57 PM
5th sem sir

blessey ann chacko 2:57 PM
Ok sir

Athira G H 2:57 PM
Ok sir

Ys sir

Send a message to everyone

2:58 PM | bzu-kkay-ktw

Type here to search

30°C

14:58
28-06-2021

People 65

In call

Anjli Susan Ninan (You)

ABHIRAMI A

Abhirami P J

AISHWARYA A

Aiswarya B

Akhil Gangedharan

Aksa Mariam Sam

AKSHAY NARAYAN 18

Alena Clare Sebastian

Amala Ann Mathew

Ranjith Mathew Abraham

Ancy Coommen

Dr Jacob Chandy

Reji T

simili abraham

LEKSHMI MADHU

69 others

You

Turn on camera (ctrl + e)

2:52 PM | bzu-kkay-ktw

Type here to search

30°C

14:52
28-06-2021

Google Meet interface showing a video call in progress. The main window displays Dr. Jacob Chandy. The sidebar shows a list of participants, including You, Reji T, Ancy Oommen, and 75 others. The bottom status bar indicates the time is 2:40 PM and the meeting ID is bzu-kkay-ktw.

Participants list (from top to bottom):

- Deepa Joseph
- Delona Sebastian
- Devapriya M
- Devi A
- DEVIKA G
- Dr Jacob Chandy
- Elizabeth joy
- ELNA MATHEW
- FEBINA EBRAHIM
- G Kavya
- Gayathri S

2:40 PM | bzu-kkay-ktw

Google Meet interface showing a video call in progress. The main window displays Reji T. The sidebar shows a list of participants, including You, Dr Jacob Chandy, Ancy Oommen, and 74 others. The bottom status bar indicates the time is 2:43 PM and the meeting ID is bzu-kkay-ktw.

Participants list (from top to bottom):

- Delona Sebastian
- Devapriya M
- Devi A
- DEVIKA G
- Dr Jacob Chandy
- Elizabeth joy
- FEBINA EBRAHIM
- G Kavya
- Gayathri S
- Gopika G Nair
- Gouri Priya

2:43 PM | bzu-kkay-ktw

Meet - bzu-kkay-ktw

2:38 PM | bzu-kkay-ktw

People (65)

- Deepa Joseph
- Delona Sebastian
- Devapriya M
- Devi A
- DEVIKA G
- Dr Jacob Chandy
- Elizabeth Joy
- ELNA MATHEW
- FEBINA EBRAHIM
- G Kavya
- Gayathri S

Meeting details

28-06-2021

Meet - svg-usvs-moe

Didimos K. V is presenting

2:49 PM | svg-usvs-moe

Didimos K. V

SHILPA G KRISHNAN

Yogesh Prasad

simili abraham

sruthi susan george

Gopika G Nair

66 others

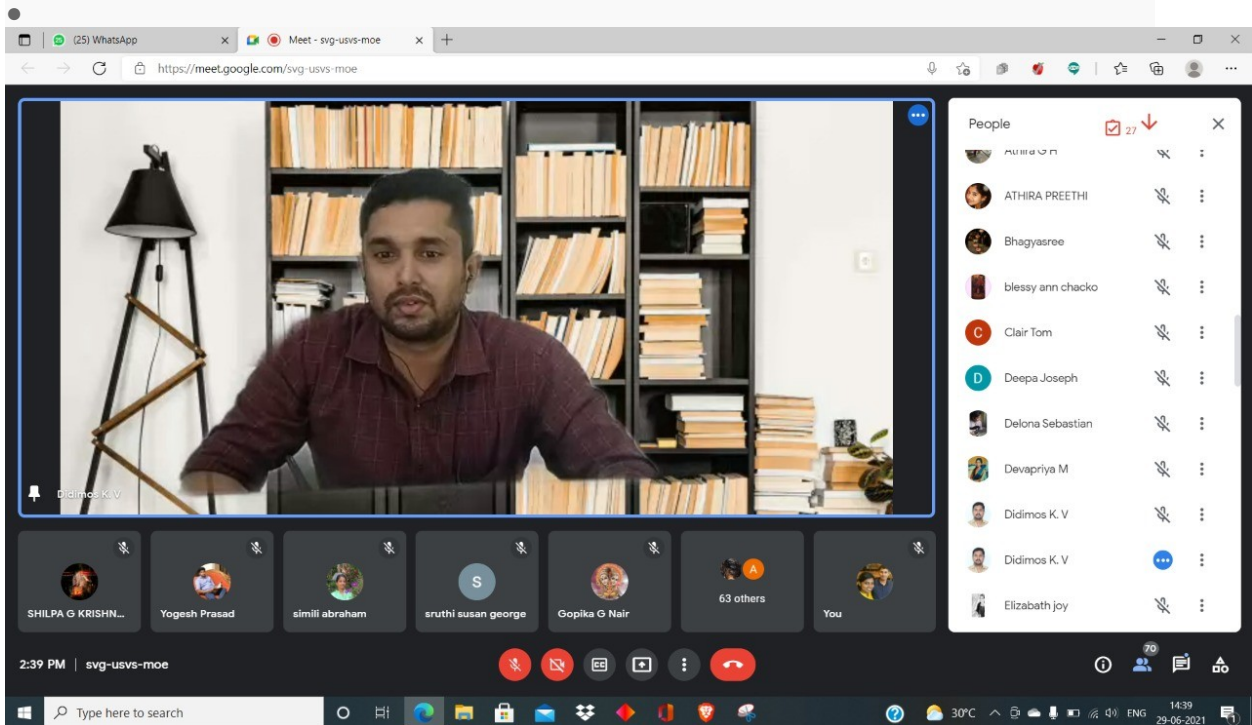
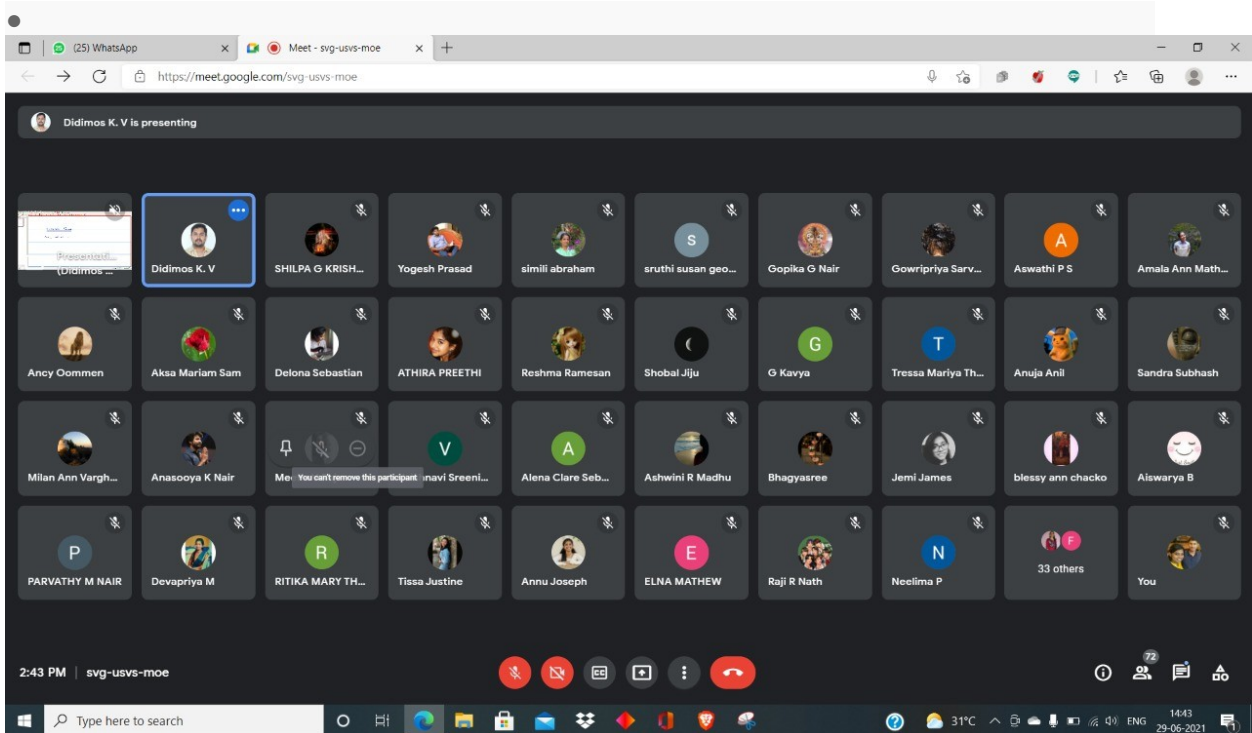
You

Visualizing Calculus

Limit, Continuity and differentiability

$\lim_{x \rightarrow c} f(x) = L$

Graphs illustrating the limit process.



BISHOP MOORE COLLEGE, MAVELIKARA

Workshop on Foundations of Mathematical Analysis

28 - 30 June 2021

Day 2 - 29 - 06 - 2021

Time - 2.30 P.M



**Dr. Didimos K V
Assistant Professor
Sacred Heart College
Ernakulam**

Talk 3 - Visualizing Calculus

Thomas Mathew is presenting

REAL SEQUENCES

SEQUENCES : FUNCTIONS FROM \mathbb{N} TO \mathbb{R}

4:37 PM | vqv-uzdc-xof

Liju Alex is presenting

INTRODUCTION TO LIMITS

- Motivation
- What is limits \rightarrow function
- How can find it?

People

In call

Anjli Susan Ninan (You)	
ABHIRAMI A	
Abhirami P J	
Akhil Gangadharan	
Aksa Mariam Sam	
AKSHAY NARAYAN 18	
Alena Clare Sebastian	
Amala Ann Mathew	
Anandhalakshmi	
Anasooya K Nair	

2:39 PM | vqv-uzdc-xof

BISHOP MOORE COLLEGE, MAVELIKARA
Workshop on Foundations of Mathematical Analysis

28-30 JUNE 2021

Day 3 - 30 - 06- 2021

Time- 2.30 P.M



Mr. Liju Alex
Assistant Professor
BCM College, Kottayam

Talk - 1
"Introduction to Limits"

Time - 4.30 P.M



Mr. Thomas Mathew
Assistant Professor
St. Thomas College, Kozhancherry

Talk - 2
"Real Sequences"

Browser tabs: (25) WhatsApp, Meet - vqv-uzdc-xof, joseph fourier - Bing

Address bar: <https://meet.google.com/vqv-uzdc-xof>

Video call interface:

- Participant: Liju Alex
- Time: 2:36 PM | vqv-uzdc-xof
- People list (62 total):
 - In call:
 - Anjli Susan Ninan (You)
 - ABHIRAMI A
 - Abhirami P J
 - Akhil Gangadharan
 - Aksa Mariam Sam
 - AKSHAY NARAYAN 18
 - Alena Clare Sebastian
 - Amala Ann Mathew
 - Anandhalakshmi
 - Anasooya K Nair

System tray: 36°C, 14:36, 30-06-2021

Browser tabs: (22) WhatsApp, Meet - vqv-uzdc-xof, 2021_06_17 8:44 am Office Lens

Address bar: <https://meet.google.com/vqv-uzdc-xof>

Video call interface:

- Participant: Thomas Mathew
- Time: 4:37 PM | vqv-uzdc-xof
- People list (62 total):
 - In call:
 - Anjli Susan Ninan (You)
 - ABHIRAMI A
 - Abhirami P J
 - Akhil Gangadharan
 - Aksa Mariam Sam
 - AKSHAY NARAYAN 18
 - Alena Clare Sebastian
 - Amala Ann Mathew
 - Anandhalakshmi
 - Anasooya K Nair

System tray: 37°C, 16:37, 30-06-2021

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BISHOP MOORE COLLEGE, MAVELIKARA

Department of Mathematics Workshop on Foundations of Mathematical Analysis Report

On behalf of Department of Mathematics, Bishop Moore College, Mavelikara, a Three day online Workshop on Foundations of Mathematical Analysis was organized for B.Sc. third year students from 28th to 30th June 2021. The workshop was handled by eminent college teachers in Kerala. Nearly 80 students from different colleges registered and actively participated in the workshop.

Inauguration

The inaugural ceremony was conducted on *28th June 2021*. Dr. Jacob Chandy sir, Principal of Bishop Moore College, preside the meeting and Dr. Renji Mathew Abraham sir, Vice Principal, felicitate the event. Dr. Reji T. Associate Professor, Govt College, Chittur, inaugurates the session.

Talks

In total there are 5 talks based on the Fundamental topics of Mathematical Analysis.

Talk 1- Dr. Reji T. Associate Professor, Govt. College Chittur (An Introduction to Mathematical Analysis)*

Talk-2- Ms. Linet Roslin Antony, Assistant Professor, S.H.College Chalakudy (Sets and Functions)*

Talk-3- Dr. Didimos K.V. Assistant Professor Sacred Heart College, Ernakulam (Visualising Calculus)*

Talk-4- Mr. Liju Alex, Assistant Professor, BCM College Kottayam (Introduction to Limits)*

Talk-5- Mr. Thomas Mathew, Assistant Professor St Thomas College Kozhancherry (Sequence of Real Numbers)*