Government Engineering College
Sector 28, Gandhinagar - 382028

Report

MATHS E-TALK SERIES

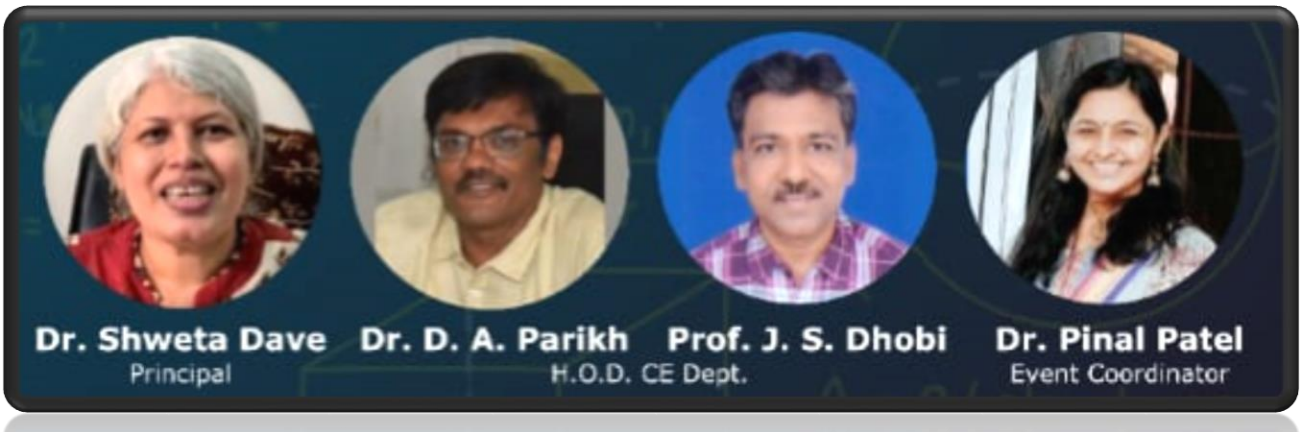
19 – 26 February 2020

Organized by
Department of Computer Engineering
Government Engineering College
Gandhinagar

Table of content

Behind the Scenes

People who handled…



Student coordinator

Ayushi Patel
CE-Sem 6

Akhil Jethva
CE- Sem 8

Pratik Shah
CE-Sem 6

We made mistakes as “To err is human” …

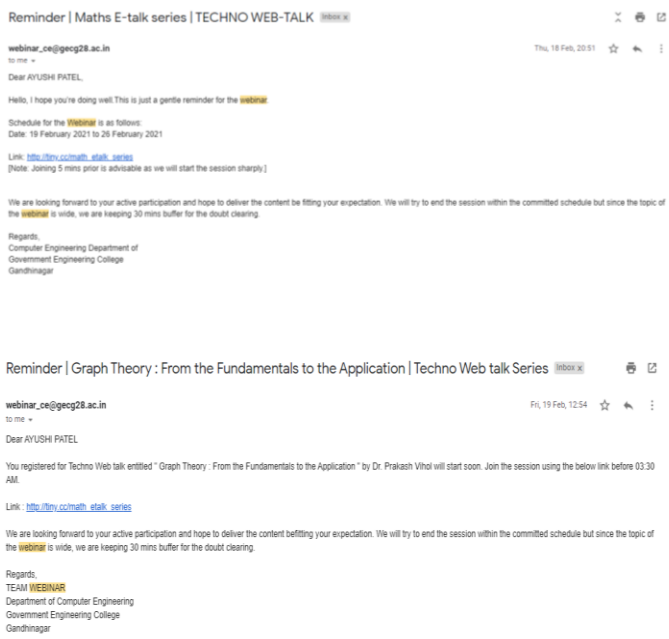
```
C:\Users\Ayushi\Desktop\Certificates\Important>python reminder.py
Traceback (most recent call last):
  File "reminder.py", line 49, in <module>
    Link: '''+ web_link +'''
NameError: name 'start_time' is not defined
```

Our desktop in process of generating mails…

```
C:\Windows\System32\cmd.exe

C:\Users\Ayushi\Desktop\Certificates\New folder>python Mail.py
MIHIR MODI
PATEL RAHULKUMAR SUNILBHAI
KUKADIYA DHRUV HASMUKHBHAI
PATEL YASH AMITBHAI
SURELA DHAVALKUMAR MANISHBHAI
JATIN SANJEEV PANDIT
SHIROYA JAY SURESHBHAI
CHAUHAN DHRUVILSINH AJAYSINH
RAGHVANI MEHUL KHIMABHAI
PRAJAPATI JAY BHARATBHAI
ZINZUVADIYA RAJ HITESHKUMAR
TUKADIYA RAJ JAYESHBHAI
PANDYA JALSHREE SANJAYKUMAR
SURYADIPSINH VAGHELA
SOLANKI KIRTIKUMAR R.
ARDESHANA KAVAN R.
PATEL PRAGNESHBHAI HARESHBHAI
YASHKUMAR NIRANJANBHAI MAHESHWARI
KARAN PAREKH
DODIYA PARANJAY
DAKSH PATEL
```

Mails we sent…



Reminder | Maths E-talk series | TECHNO WEB-TALK Inbox x

webinar_ce@gecg28.ac.in Thu, 18 Feb, 20:51

to me

Dear AYUSHI PATEL,

Hello, I hope you're doing well.This is just a gentle reminder for the webinar.

Schedule for the Webinar is as follows:
Date: 19 February 2021 to 26 February 2021

Link: http://tiny.cc/math_etalk_series
[Note: Joining 5 mins prior is advisable as we will start the session sharply.]

We are looking forward to your active participation and hope to deliver the content be fitting your expectation. We will try to end the session within the committed schedule but since the topic of the webinar is wide, we are keeping 30 mins buffer for the doubt clearing.

Regards,
Computer Engineering Department of
Government Engineering College
Gandhinagar

Reminder | Graph Theory : From the Fundamentals to the Application | Techno Web talk Series Inbox x

webinar_ce@gecg28.ac.in Fri, 19 Feb, 12:54

to me

Dear AYUSHI PATEL

You registered for Techno Web talk entitled " Graph Theory : From the Fundamentals to the Application " by Dr. Prakash Vihol will start soon. Join the session using the below link before 03:30 AM.

Link : http://tiny.cc/math_etalk_series

We are looking forward to your active participation and hope to deliver the content befitting your expectation. We will try to end the session within the committed schedule but since the topic of the webinar is wide, we are keeping 30 mins buffer for the doubt clearing.

Regards,
TEAM WEBINAR
Department of Computer Engineering
Government Engineering College
Gandhinagar

Our registrations

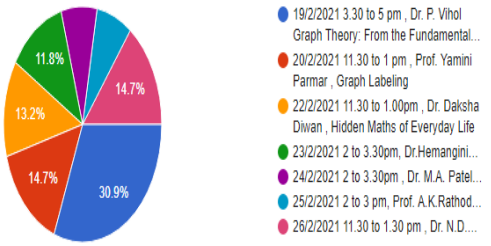
Name

57 responses

Dhruv Parmar
Deep
PATEL MEETKUMAR
Jasoliya Parth Mukeshbhai
Pinal J Patel
PANDYA JALSHREE SANJAYKUMAR
Anubhav Jain
VishalSingh Khati
Jaivik Mungara

Talk on ...

68 responses



19 February, 2021 (Friday)

Day 1: Graph Theory: From Fundamentals to the Application

Name of Presenter	Dr. P. Vihol
Start Time	3:30 PM
Duration	1 hour 30 minutes
Registration Link	https://forms.gle/LrxRApUjo7b8corZA
Count of Registration	68
Webinar Link	http://tiny.cc/math_etalk_series
Count of Participation	44
Feedback Link	https://forms.gle/k9r8VpjjT6mKmBuP9
Count of Feedback	8

Glimpse of event

Certificate

Government Engineering College
Gandhinagar

Certificate of Participation

This is to certify that

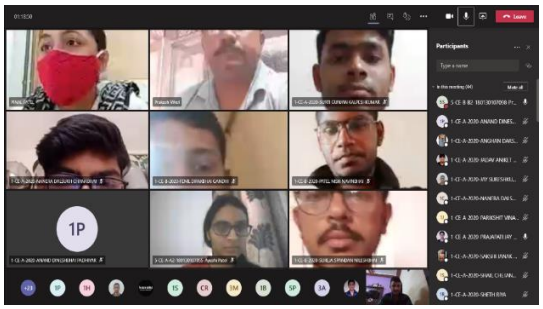
has actively participated in LIVE WEBINAR on
GRAPH THEORY : FROM THE FUNDAMENTALS TO THE APPLICATION
on 19th February Presented by Dr. P.Vihol
organized by Department of Computer Engineering
Government Engineering College, Gandhinagar.

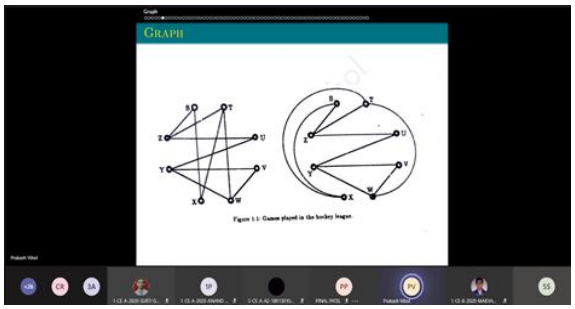
Sweta Dave
Principal

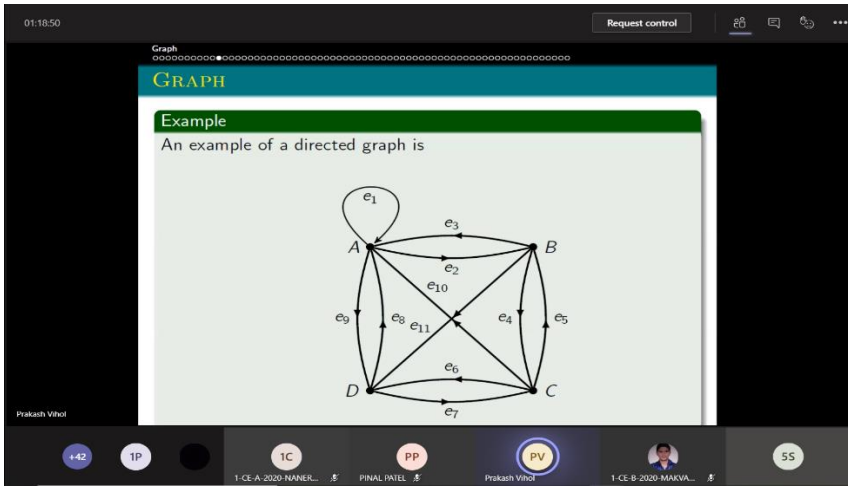
Prof. Pinal Patel
Faculty Coordinator

Prof. D. A. Parikh
Head Of Department

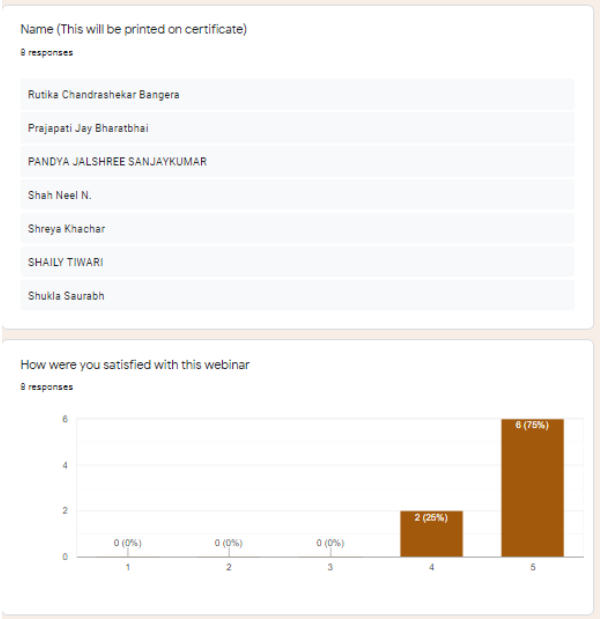
Screenshot



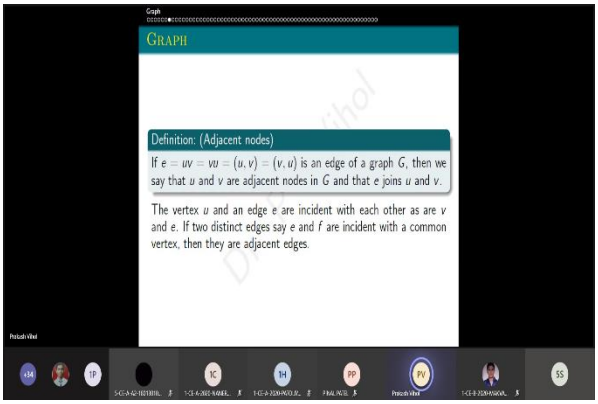


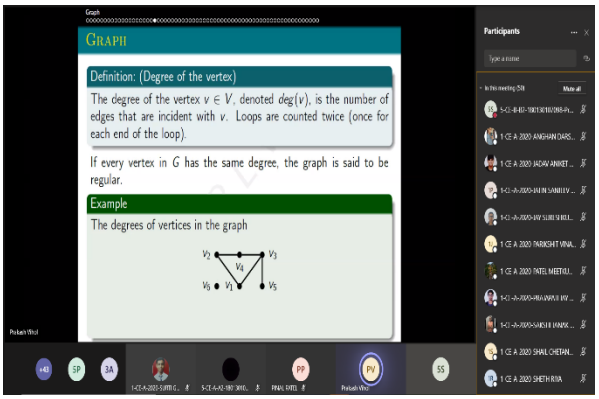


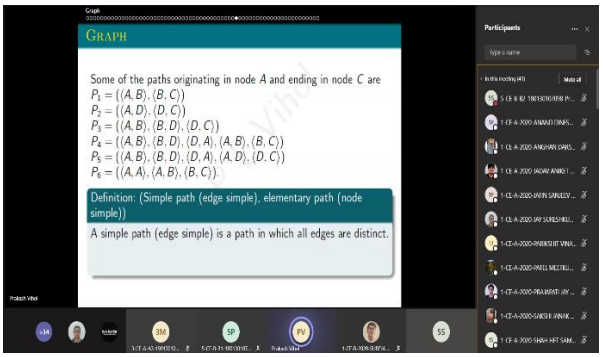
Some of the feedback

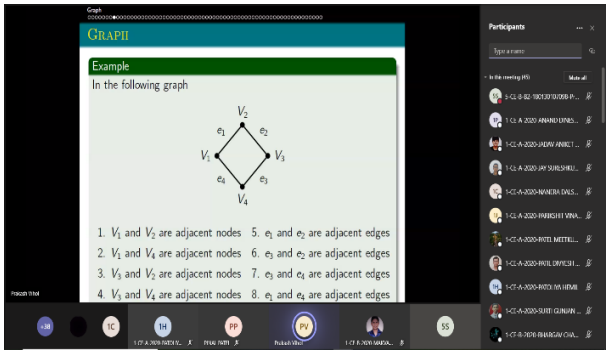


Some of the snapshot









20 February,2021 (Saturday)

Day 2: Graph Labeling

Name of Presenter	Prof. Yamini Parmar
Start Time	11:30 Am
Duration	1 hour 30 minutes
Registration Link	https://forms.gle/LrxRApUjo7b8corZA
Count of Registration	68
Webinar Link	http://tiny.cc/math_etalk_series
Count of Participation	23
Feedback Link	https://forms.gle/XhWJ6MLs3xwzeLKD8
Count of Feedback	20

Glimpse of event

Certificates


Government Engineering College
Gandhinagar

Certificate of Participation

This is to certify that

has actively participated in LIVE WEBINAR on

GRAPH LABELING

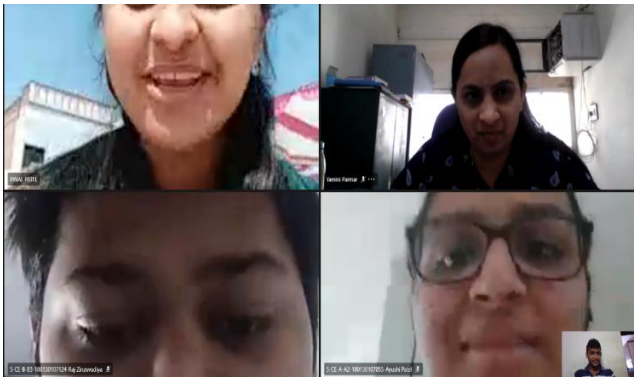
on 20th February Presented by Prof. Yamini Parmar
organized by Department of Computer Engineering
Government Engineering College, Gandhinagar.

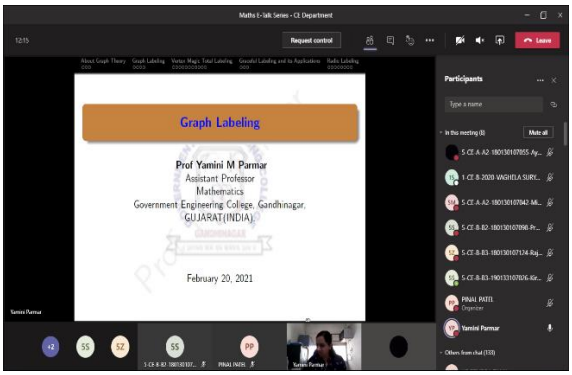
Sweta Dave
Sweta Dave
Principal

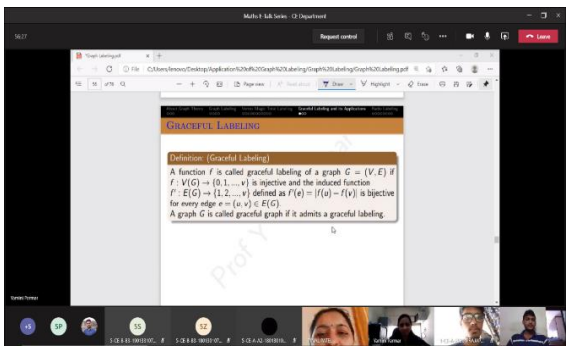
Prof. Pinal Patel
Faculty Coordinator

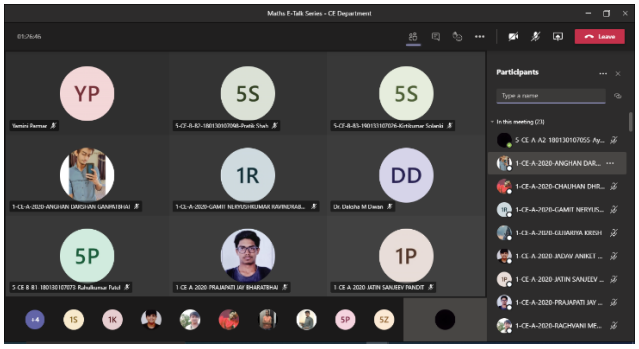
D A Parikh
Prof. D. A. Parikh
Head Of Department

Screenshot









Some of the feedback

Name (This will be printed on certificate)

20 responses

Mihir Modi

Patel RahulKumar Sunilbhai

KUKADIYA DHRUV HASMUKHBHAI

Patel Yash Amitbhai

Surela Dhavalkumar Manishbhai

Jatin Sanjeev Pandit

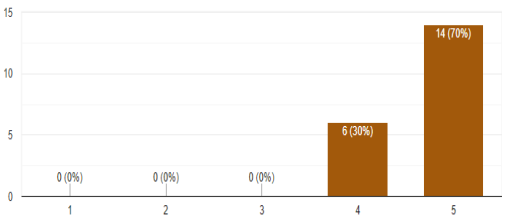
Shiroya Jay sureshbhai

CHAUHAN DHRUVILSINH AJAYSINH

RAGHVANI MEHUL KHIMABHAI

How were you satisfied with this webinar

20 responses



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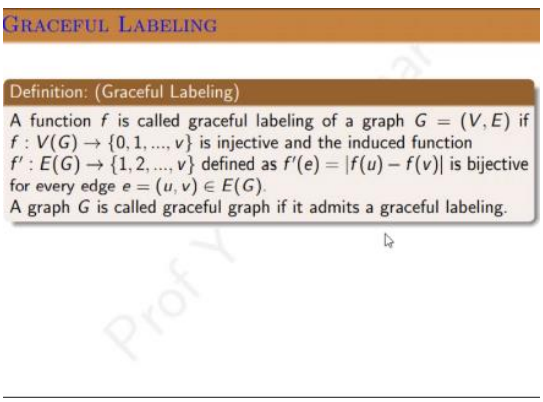
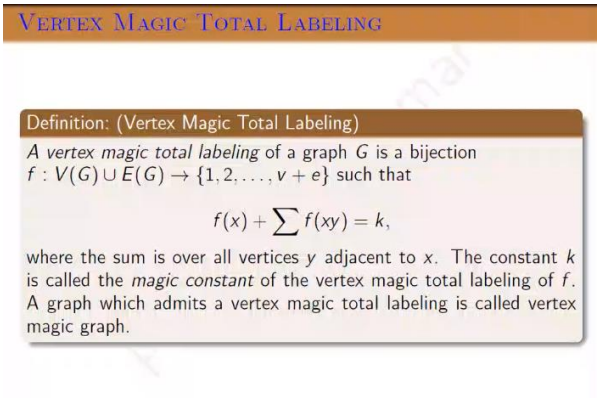




22 February,2021 (Monday)

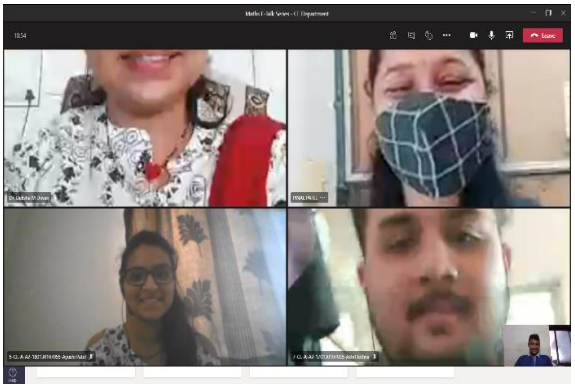
Day 3: Hidden Maths of Evreyday

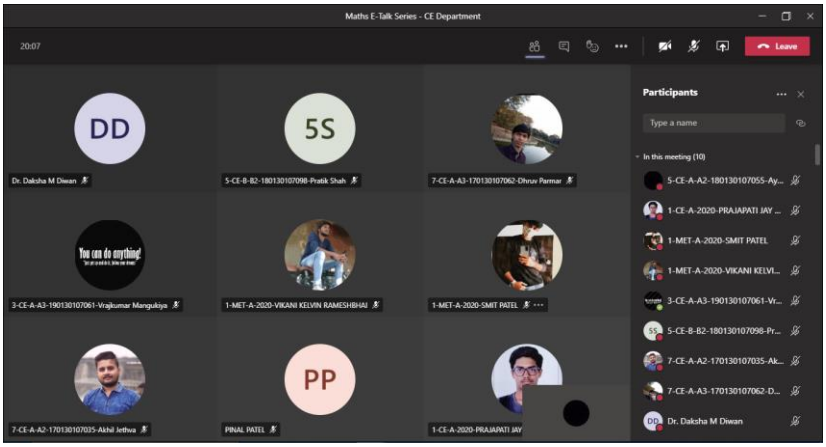
Name of Presenter	Dr. Daksha Diwan
Start Time	11:30 AM
Duration	1 hour 30 minutes
Registration Link	https://forms.gle/LrxRApUjo7b8corZA
Count of Registration	68
Webinar Link	http://tiny.cc/math_etalk_series
Count of Participation	14
Feedback Link	https://forms.gle/49ygtZgVu2kQFjcGA
Count of Feedback	11

Glimpse of event

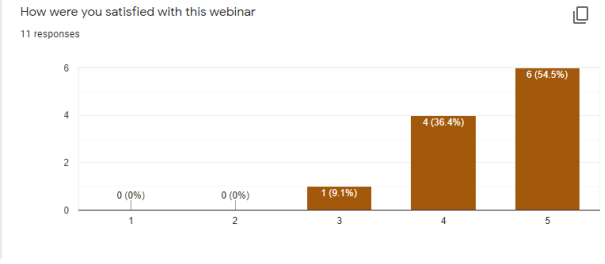
Certificate

Screenshot





Some of the feedback



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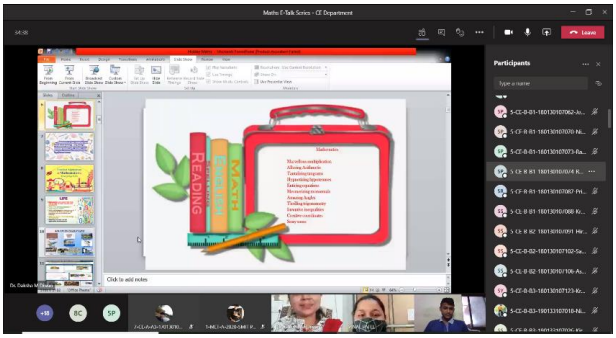
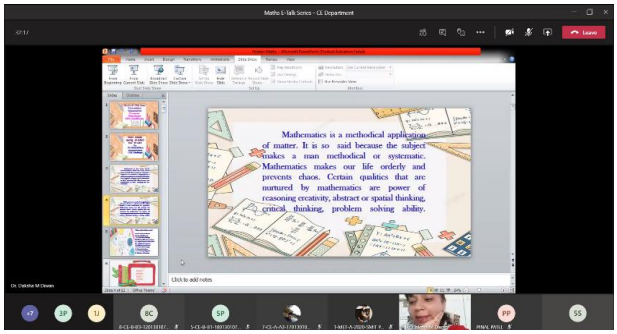




23 February,2021 (Tuesday)

Day 4: Linear and Non Linear Transformation for Computer

Name of Presenter	Dr. Hemangini Shukla
Start Time	2:00 PM
Duration	1 hour 30 minutes
Registration Link	https://forms.gle/LrxRApUjo7b8corZA
Count of Registration	68
Webinar Link	http://tiny.cc/math_etalk_series
Count of Participation	12
Feedback Link	https://forms.gle/z1Nkrb6PLbhUoaDq6
Count of Feedback	12

Glimpse of event

Certificate

Government Engineering College
Gandhinagar

Certificate of Participation

This is to certify that

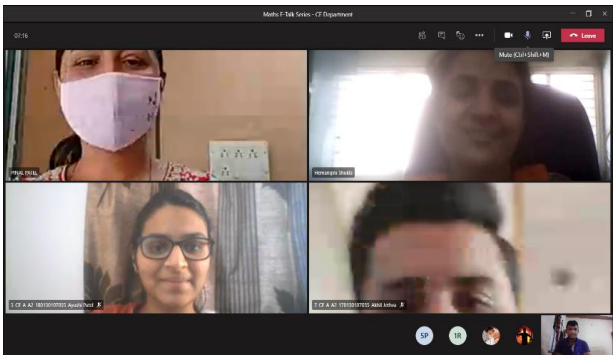
has actively participated in LIVE WEBINAR on
LINEAR AND NON-LINEAR TRANSFORMATIONS FOR COMPUTER
on 23th February Presented by Dr. Hemangini Shukla
organized by Department of Computer Engineering
Government Engineering College, Gandhinagar.

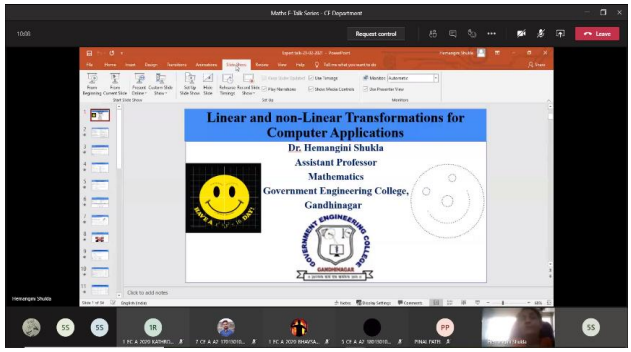
Sweta Dave
Principal

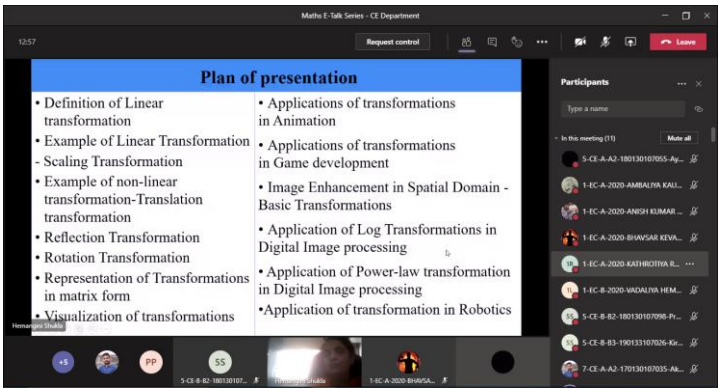
Prof. Pinal Patel
Faculty Coordinator

D A Parikh
Prof. D. A. Parikh
Head Of Department

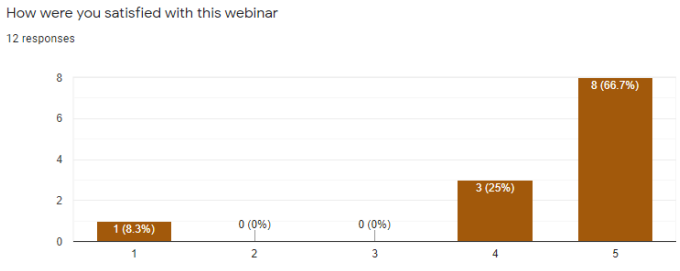
Screenshot







Some of the feedback



Some of the snapshot

Example of non-linear transformation- (Translation transformation)

Example: $T: R^3 \to R^3, T(x, y, z) = (x + 1, y + 1, z + 1)$

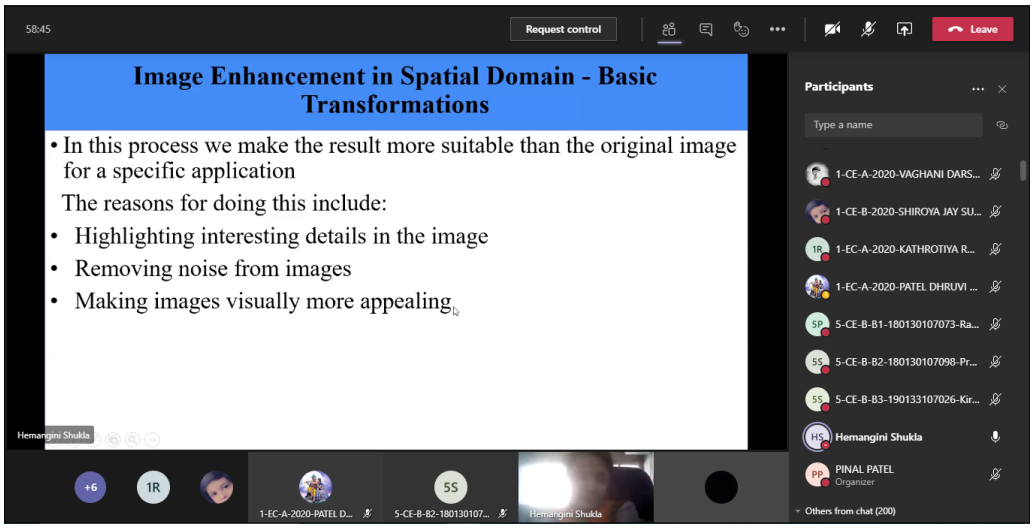
Is T linear transformation ?

Solution: Let $\bar{x} = (x_1, x_2, x_3)$ and $\bar{y} = (y_1, y_2, y_3) \epsilon\ R^3$, $\alpha \epsilon R$

$$T(\bar{x} + \bar{y}) = T(x_1 + y_1, x_2 + y_2, x_3 + y_3)$$
$$= (x_1 + y_1 + 1, x_2 + y_2 + 1, x_3 + y_3 + 1)$$
$$T(\bar{x}) + T(\bar{y}) = (x_1 + 1, x_2 + 1, x_3 + 1) + (y_1 + 1, y_2 + 1, y_3 + 1)$$
$$= (x_1 + y_1 + 2, x_2 + y_2 + 2, x_3 + y_3 + 2)$$

Plan of presentation

- Definition of Linear transformation
- Example of Linear Transformation
- Scaling Transformation



24 February,2021 (Wednesday)

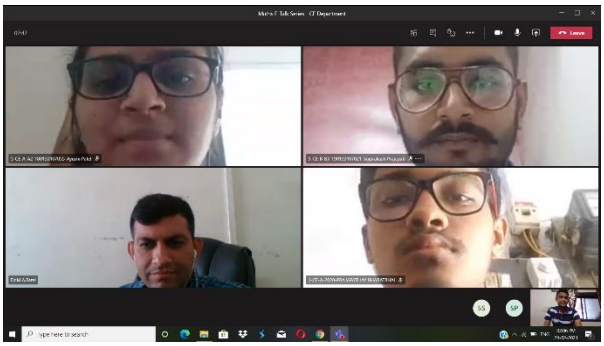
Day 5: Application of Laplace

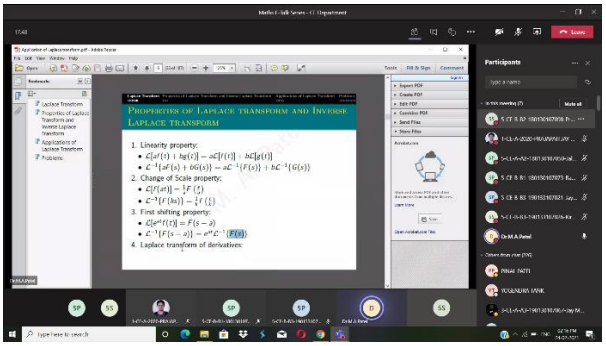
Name of Presenter	Dr. M. A. Patel
Start Time	2:00 PM
Duration	1 hour 30 minutes
Registration Link	https://forms.gle/LrxRApUjo7b8corZA
Count of Registration	68
Webinar Link	http://tiny.cc/math_etalk_series
Count of Participation	20
Feedback Link	https://forms.gle/GH5vnZcpUJpN9tAs7
Count of Feedback	18

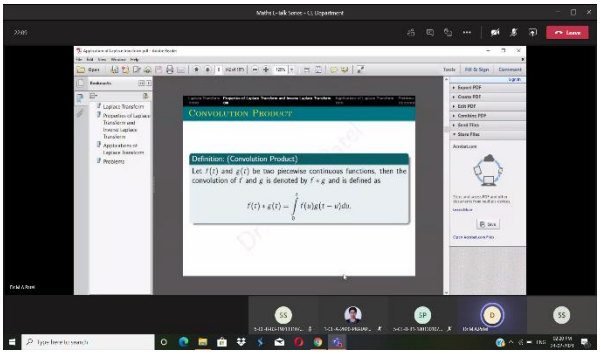
Glimpse of event

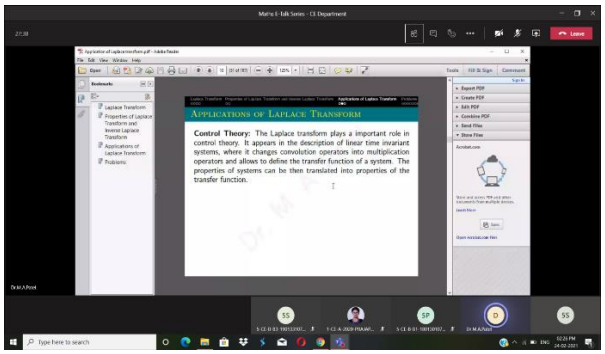
Certificate

Screenshot

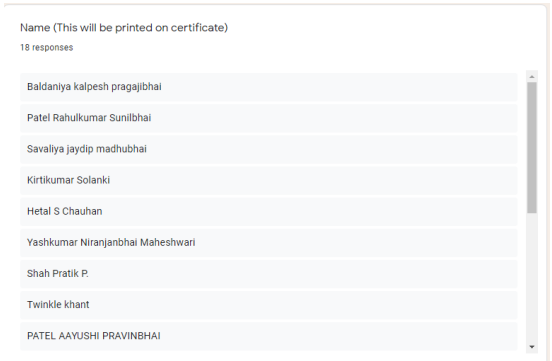


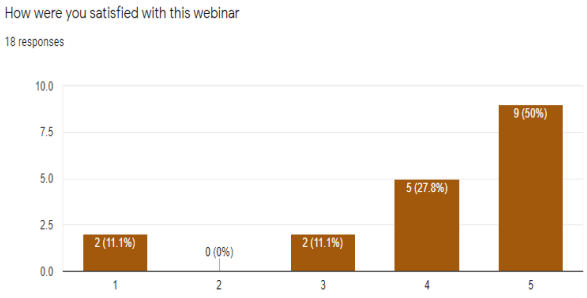




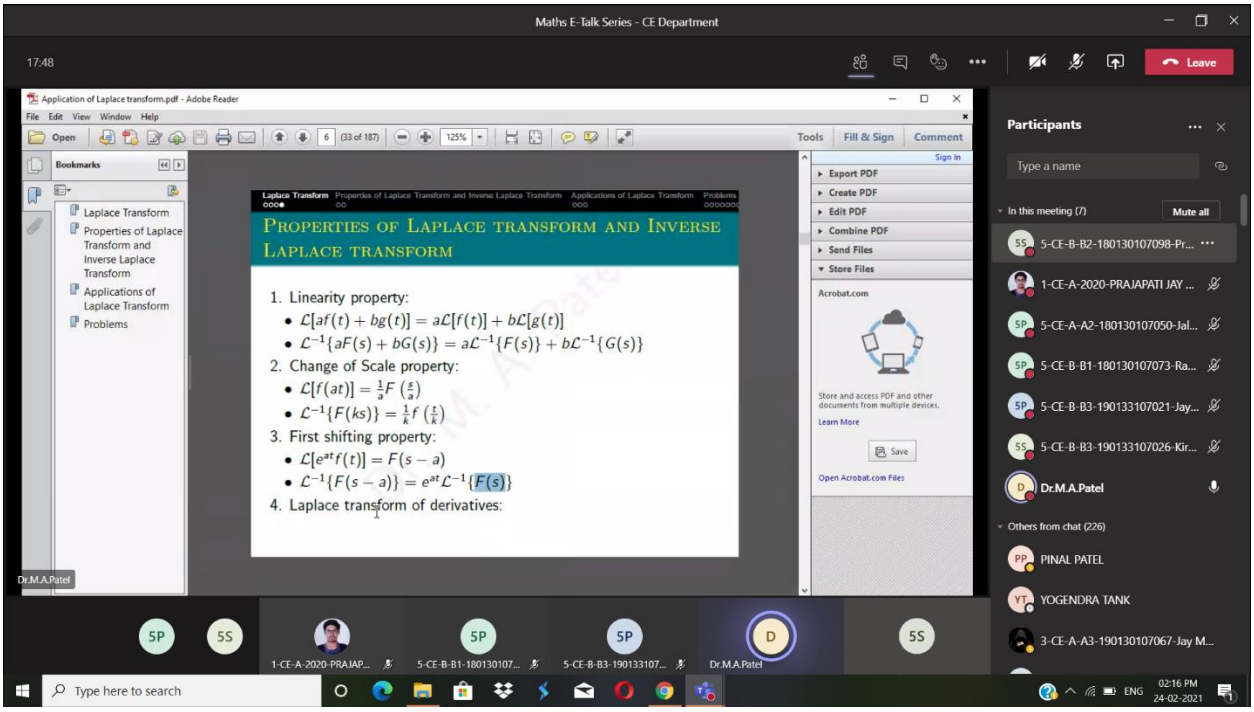


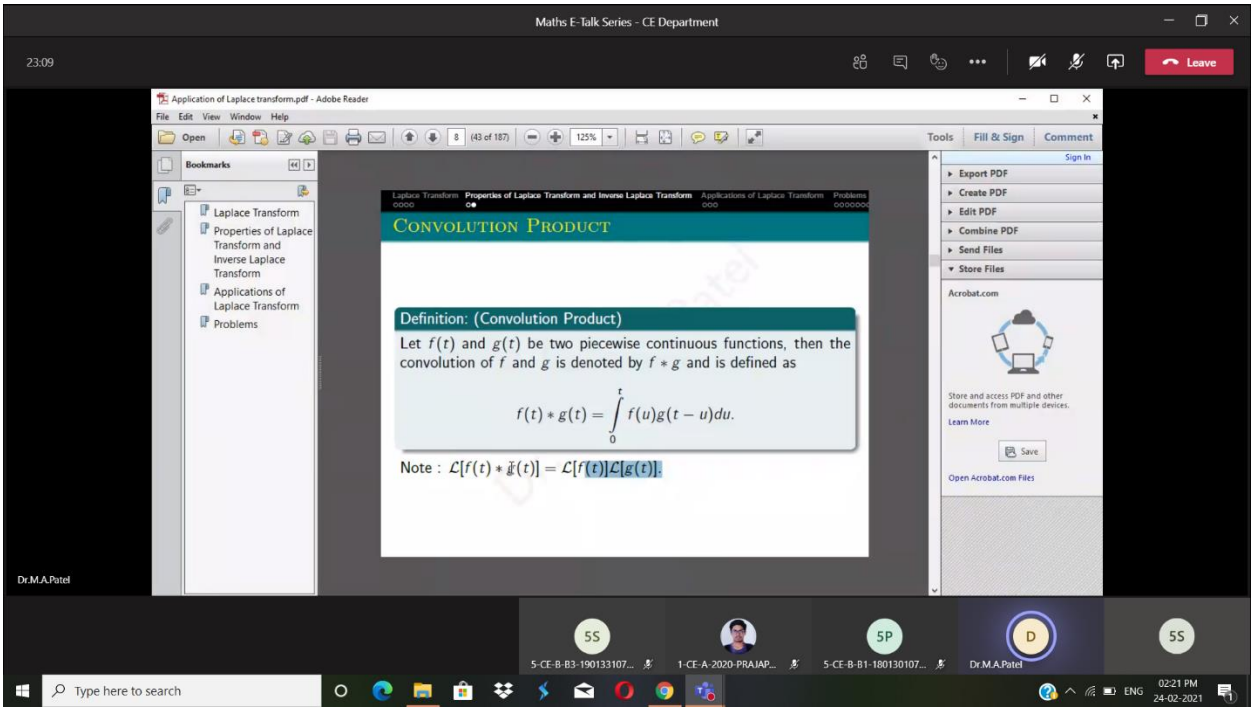
Some of the feedback





Some of the snapshot





25 February,2021 (Thursday)

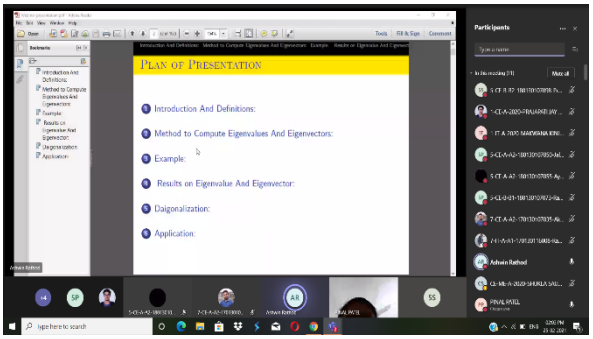
Day 6: Basic Concept of Eigenvalue and Eigenvector

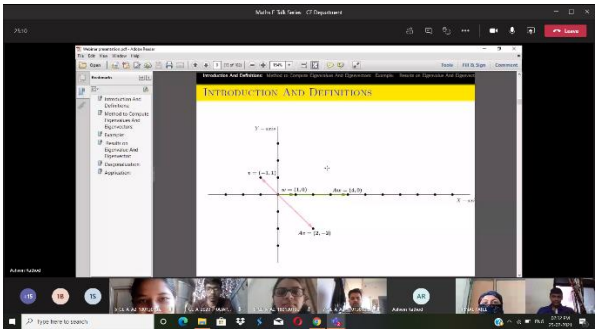
Name of Presenter	Prof. A. K. Rathod
Start Time	2:00 PM
Duration	1 hour
Registration Link	https://forms.gle/LrxRApUjo7b8corZA
Count of Registration	68
Webinar Link	http://tiny.cc/math_etalk_series
Count of Participation	12
Feedback Link	https://forms.gle/BTzqqNv9cmWsavqJA
Count of Feedback	10

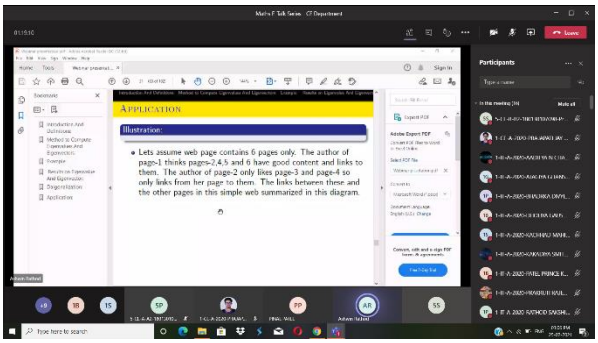
Glimpse of event

Certificate

Screenshot







Some of the feedback

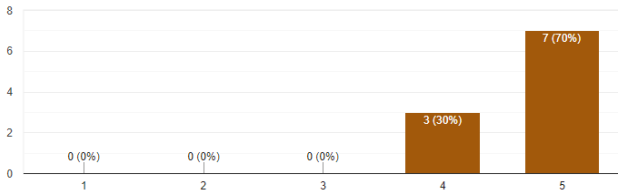
Name (This will be printed on certificate)

10 responses

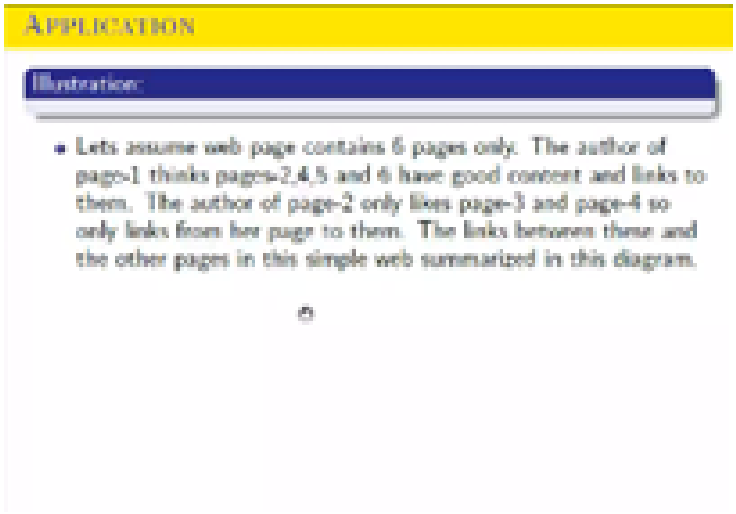
- Patel RahulKumar Sunilbhai
- Aaditya Chaturvedi
- KOTHARIYA FAIZAN YAKUBBHAI
- Prajapati Jay Bharatbhai
- Dobariya Yakshit Mukeshbhai
- Dholiya Gaushalkumar Bharatbhai
- Yugen Dobariya
- Jatin Sanjeev Pandit
- Twinkle khant

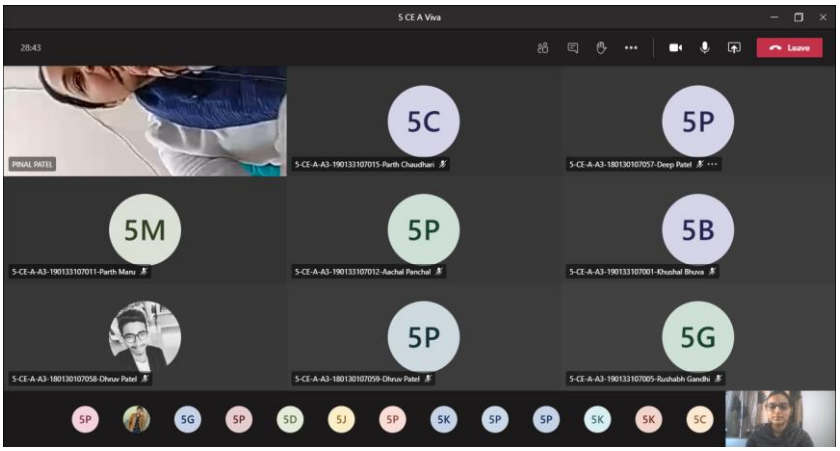
How were you satisfied with this webinar

10 responses



Some of the snapshot





26 February,2021 (Friday)

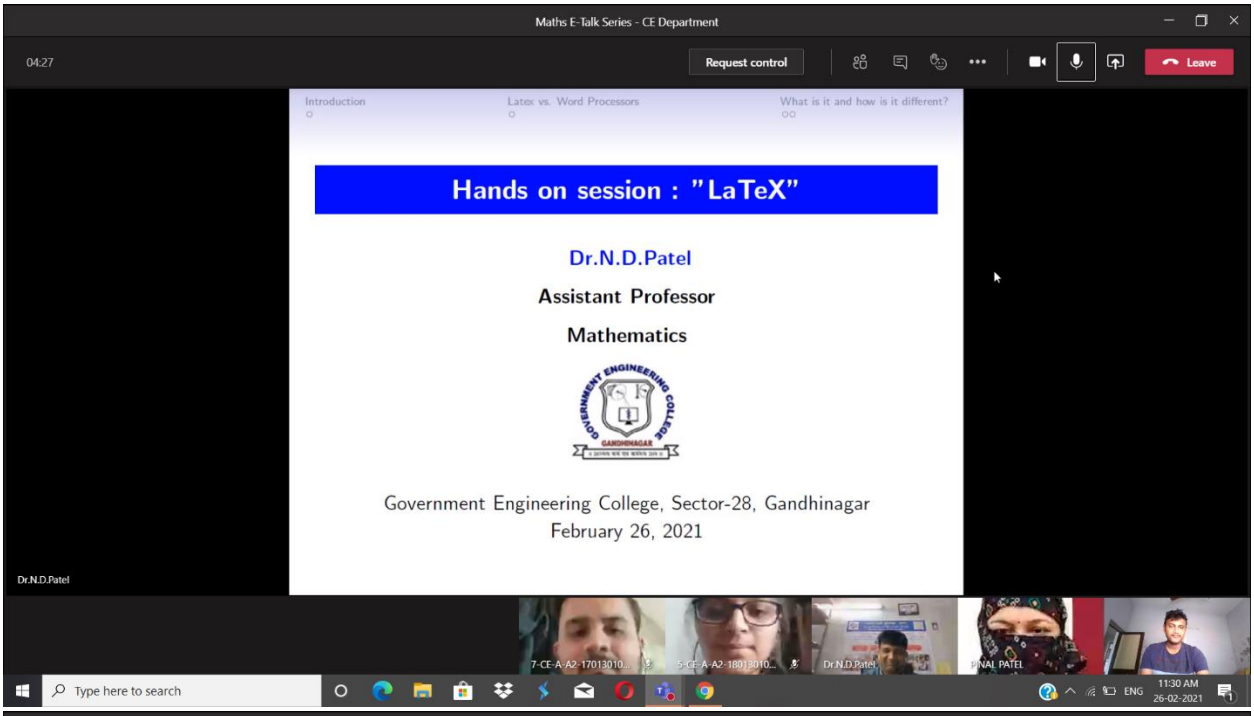
Day 7: Hands on Session: “LATEX”

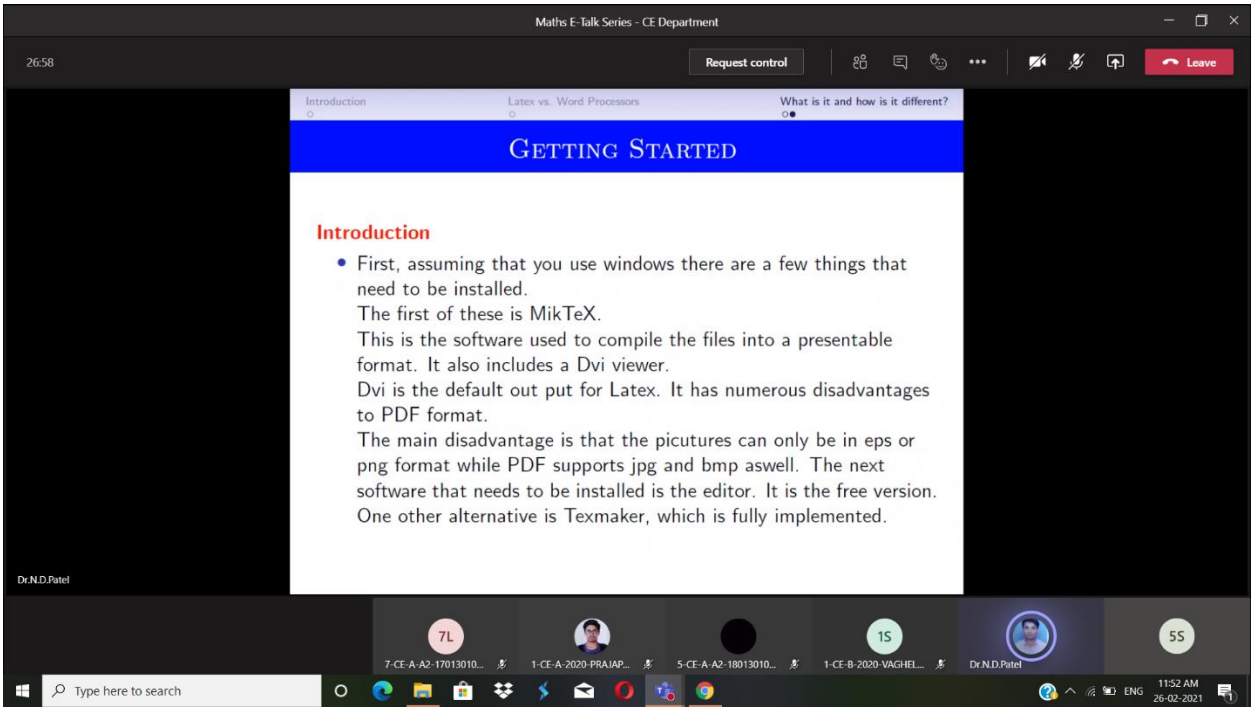
Name of Presenter	Dr. N.D. Patel
Start Time	11:30 AM
Duration	2 hours
Registration Link	https://forms.gle/LrxRApUjo7b8corZA
Count of Registration	68
Webinar Link	http://tiny.cc/math_etalk_series
Count of Participation	15
Feedback Link	https://forms.gle/yVxiXbGVU6Khh3SEA
Count of Feedback	13

Glimpse of event

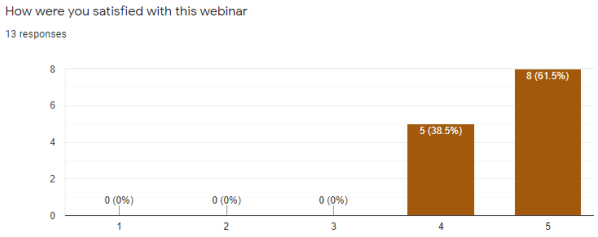
Certificate

Screenshot


Maths E-Talk Series - CE Department
04:27
Request control
Leave
Introduction
Latex vs. Word Processors
What is it and how is it different?
Hands on session : "LaTeX"
Dr.N.D.Patel
Assistant Professor
Mathematics
Government Engineering College, Sector-28, Gandhinagar
February 26, 2021
Dr.N.D.Patel
Type here to search
ENG
11:30 AM
26-02-2021


Maths E-Talk Series - CE Department
26:58
Request control
Leave
Introduction
Latex vs. Word Processors
What is it and how is it different?
GETTING STARTED
Introduction
First, assuming that you use windows there are a few things that need to be installed.
The first of these is MikTeX.
This is the software used to compile the files into a presentable format. It also includes a Dvi viewer.
Dvi is the default out put for Latex. It has numerous disadvantages to PDF format.
The main disadvantage is that the picutures can only be in eps or png format while PDF supports jpg and bmp aswell. The next software that needs to be installed is the editor. It is the free version. One other alternative is Texmaker, which is fully implemented.
Dr.N.D.Patel
Type here to search
ENG
11:52 AM
26-02-2021

Some of Feedback



Some of the snapshot