

**GOVERNMENT ENGINEERING COLLEGE
SECTOR-28, GANDHINAGAR-382028**



REPORT

Webinar on

APPLICATION OF MATHEMATICS

Organized by

Mathematics Section, General Department

G.E.C Gandhinagar

July 2, 2022

- The event was being organized by Government Engineering College, Gandhinagar. The main topic of the event was to give knowledge to the students about the application of mathematics in real/practical life, and how mathematics plays an important role in our day-to-day life. The event lasted two hours, and two respected experts were invited to deliver the live sessions and share their knowledge and expertise in the field of mathematics with GEC Gandhinagar students.

Webinar on **Application Of Mathematics**

● **live**

• Get ready to make dive into math knowledge

ON 2/7/2022

Experts

DR. DEVSI BANTVA
On Application of Math in Real Life
At 11 am to 12 pm

DR. DIPAK PRAJAPATI
On Harmonic Analysis using Fourier Series
At 12 pm to 1 pm

Event coordinator

DR. M A PATEL **PROF. Y M PARMAR**

DR. S P DAVE **DR. N K ARORA**
Principal HOD,
General Department

For Registration:
<https://forms.gle/hr7P1vQxVhxy1BeTA>

E-CERTIFICATE WILL BE PROVIDED

**Organized by Mathematics Section ,
General Department ,G.E.C. Gandhinagar**

**GOVERNMENT ENGINEERING COLLEGE
GANDHINAGAR**
॥ वास्तव्यं ज्ञानं एव उत्तमं वास्तव्यं ॥

Flyer of the Event

EXPERT SESSION 1

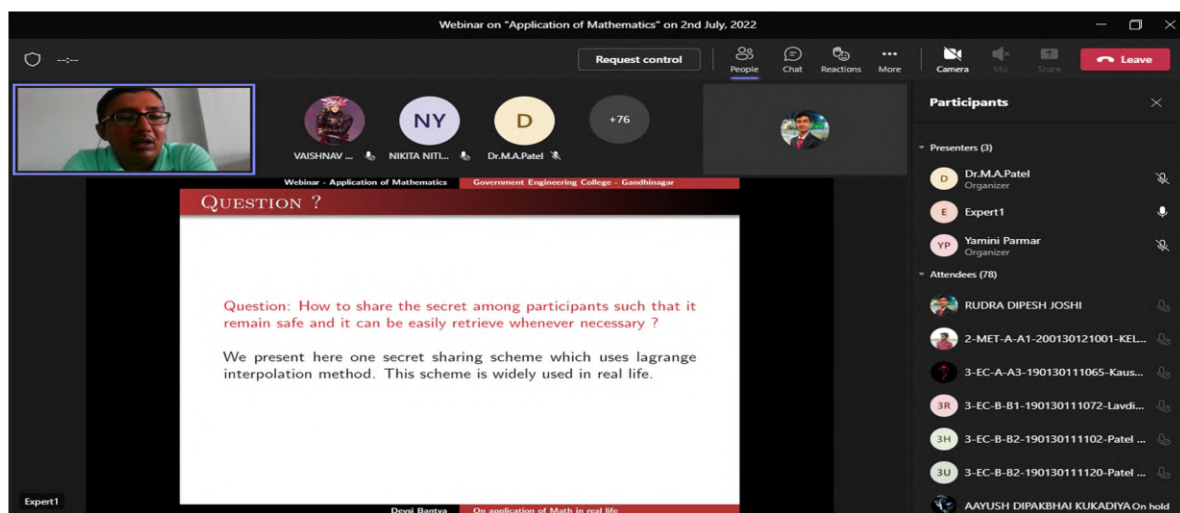
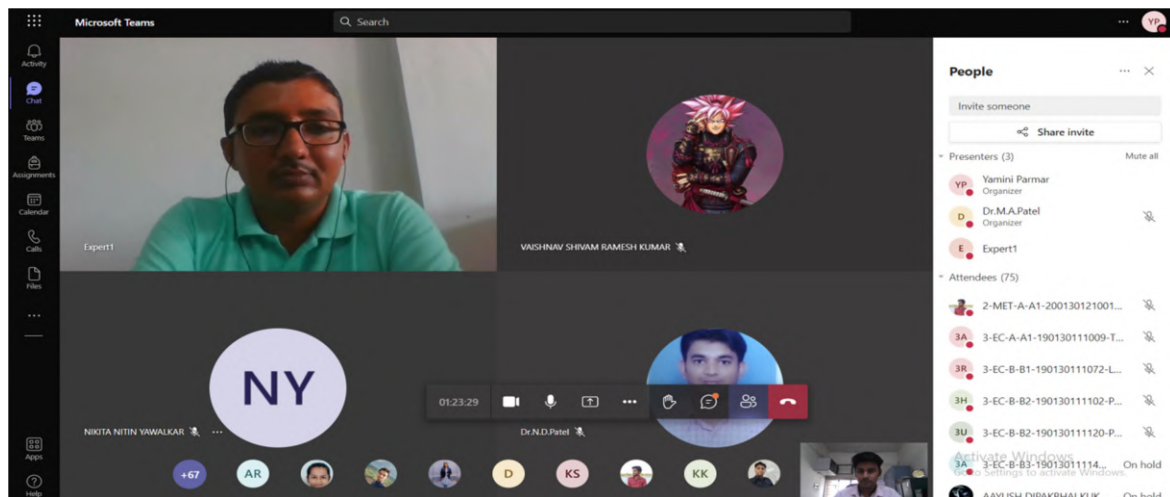


Name of the expert	DR. DEVSI BATVA
Topic of presentation	Math in Real Life
Timing of the session	11:00AM-12:00PM
No. of attendees	115
Meeting Id	494 481 460 220
Feedback Form link	https://forms.gle/XpvwdowUHcWSiMGC7

➤ About the expert:

Dr. Devsi Bantva is currently working as an Assistant Professor in Mathematics at L. E. College, Morbi since 2011. He has completed his M.Sc. (University first rank), M.Phil., and Ph.D. from Saurashtra University, Rajkot. He has published 22 research papers in various reputed Scopus Indexed Journals. For a research project he also received an award from GUJCOST and Education Department, Govt. of Gujarat.

- The session began at 11:00 AM and the introduction of the expert was given by the host of the event. Then the session was taken over by the expert himself. He firstly started the session by giving the introduction about himself and started by giving some of the basic examples related to the application of mathematics in real life. Like, what we see around us is all nothing but the application of mathematics, the road we use, the building we live in, any type of financial transaction these all includes mathematics in it by one or the other way. Then, the expert also shared his own experience and research point of view on the use of mathematics. Then he explained by some examples about application and calculation. At the end, he also answered the questions or doubts of the students and gave some final thoughts on the topic, then wrapped up the session.



EXPERT SESSION 2

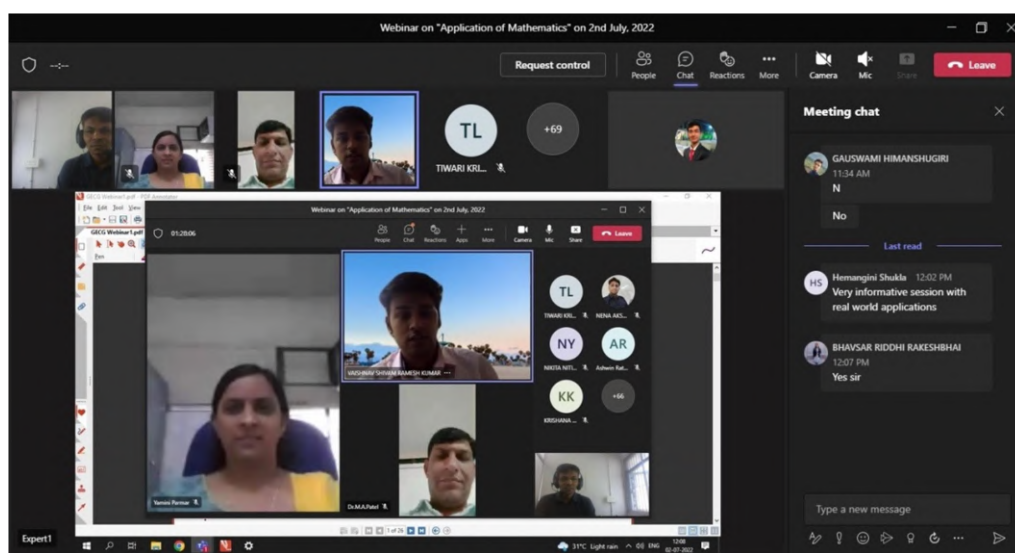
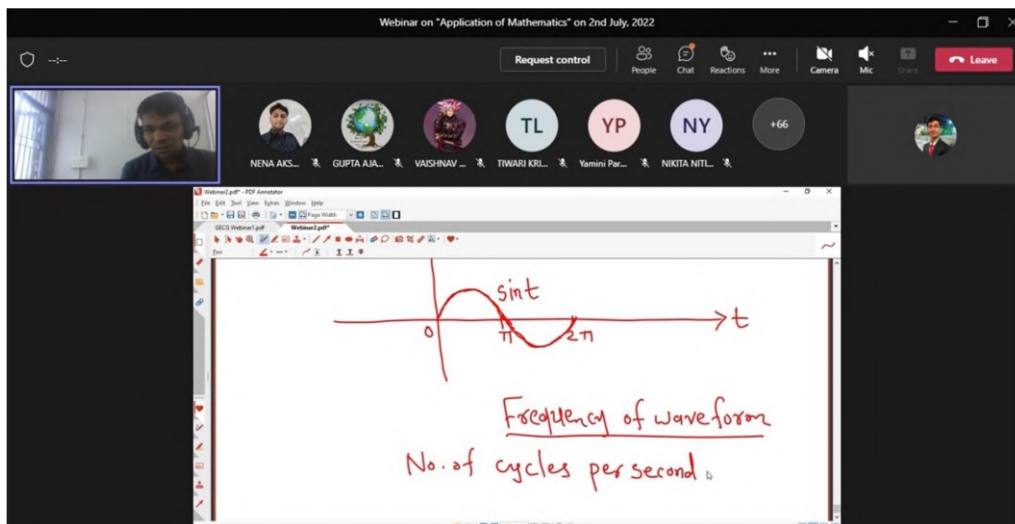


Name of the expert	DR. DIPAK PRAJAPATI
Topic of presentation	Harmonic Analysis using Fourier Series
Timing of the session	12:00-1:00PM
No. of attendees	119
Meeting Id	494 481 460 220
Feedback Form link	https://forms.gle/XpvwdowUHcWSiMGC7

➤ About the expert:

Dr. Dipak J. Prajapati is currently working as an Assistant Professor in Mathematics at Government Engineering College, Modasa, Gujarat. He has completed his B.Sc. (2004), M.Sc. (2006), M.Phil. (2008) from Sardar Patel University and Ph.D. (2018) from GTU. He is teaching Engineering Mathematics since 2007. His research area is Mathematical Modeling in Fluid Flow through Porous Media. He has published 7 research papers in different international journals along with that also published one book Complex Variables and Partial Differential Equations in Techknowledge Publication in 2020.

- Session 2 started with the warm welcome of the second expert who joined this event. The expert starts with the fundamental concept of what the Fourier series is, how it is calculated, and why it is used. Then, he shifted to the main topic, which was harmonic analysis with the help of the Fourier series. He talked about the definition of harmonics and how they work for different waveforms with different frequencies. Then he was also given some examples on that topic, which was quite interesting for the students. There was a lot of Q & A that happened between students and the expert, which was fun. Then the session ended with an interesting topic and a good question from one of the students.
- In this way, the whole event ended successfully with so much fun and knowledge gained from both the experts.



EVENT ORGANIZED BY



Dr. S. P. Dave
Principal



Dr. N. K. Arora
HOD, General Department



Dr. M. A. Patel
Event Coordinator



Prof. Y. M. Parmar
Event Coordinator

STUDENT COORDINATORS



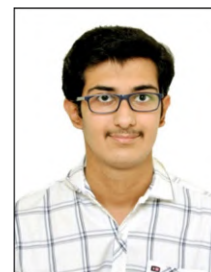
KEVIN JADAV
CE SEM-2



AKSHAY NENA
CE SEM-2



KRISHNA TIWARI
CE SEM-2



RUDRA JOSHI
CE SEM-2



SHIVAM VAISHNAV
CE SEM-2



SUJAL PADHARA
CE SEM-2



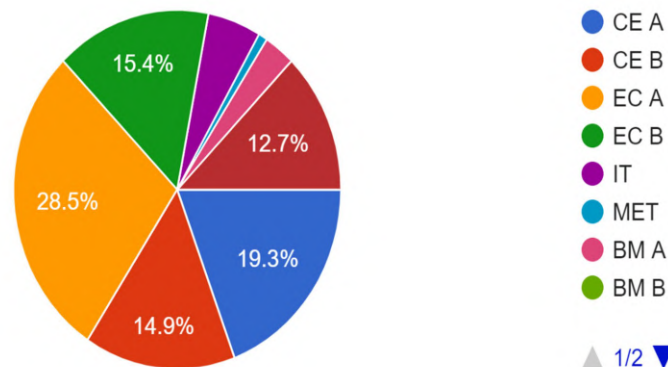
NIRAV BAROT
CE SEM-2

Behind the scenes

- The event was scheduled for July 2nd, 2022. Then all the things began for the preparation of the webinar. The flyer was created. Then, as it was being shared by the event coordinator with the students, the registration began on June 21, 2022.
 - Registration Link: <https://forms.gle/hr7P1vQxVhxy1BeTA>
 - The total number of registrations: 228.

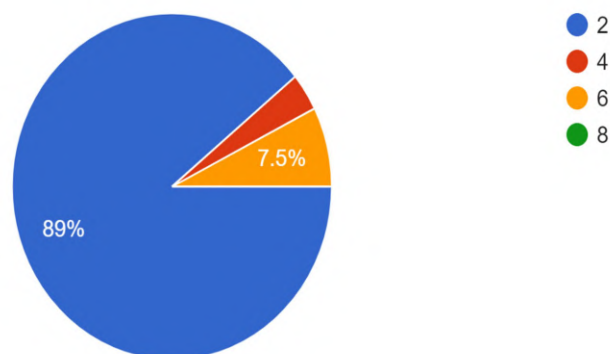
Branch and Division:

228 responses



Semester:

228 responses



Student's Full Name:

228 responses

Tanti Avinash Satyendra Prasad

BARAIYA ANUJKUMAR MALAVBHAI

Sehul patel

Vraj Barot

Kelvin vikani

Tiwari Krishnakumar Lallanbhai

Darshil R Shah

Chikani Meet Ketankumar

Shaikh MohammadMaruf Munaf

FEEDBACK OF THE EVENT

There were total 61 feedbacks received for the event and to those all students the certificates were provided.

Full Name(For Certificate purpose):

61 responses

CHAUHAN TRUSHKUMAR ARVINDKUMAR

KAPADIYA NIYATI DILIPBHAI

DIMPAL RATHOD

PARMAR BRIJESH RAJESHBHAI

SOLANKI RUSHIKKUMAR PRATAPBHAI

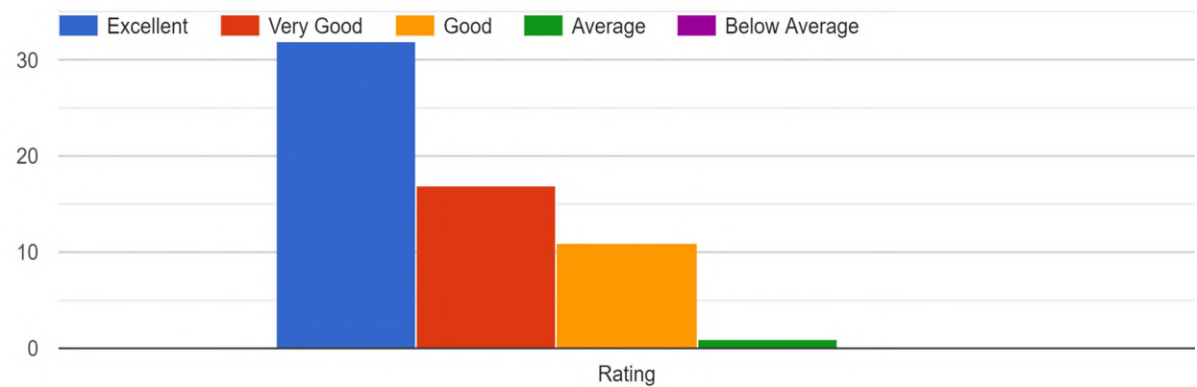
Nena Akshay Ashokbhai

Shreyanshi Dipinkumar Bhatt

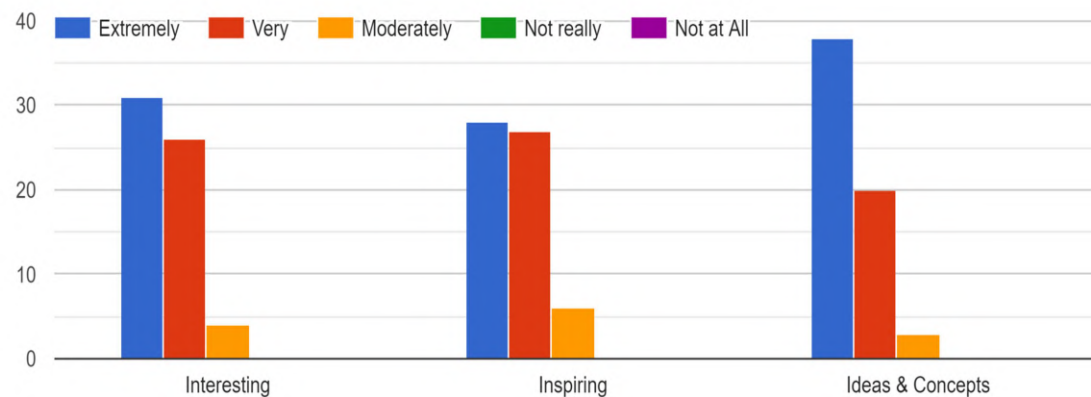
Shah Krina Paragbhai

SAHANI AKASH RAMUPRASAD

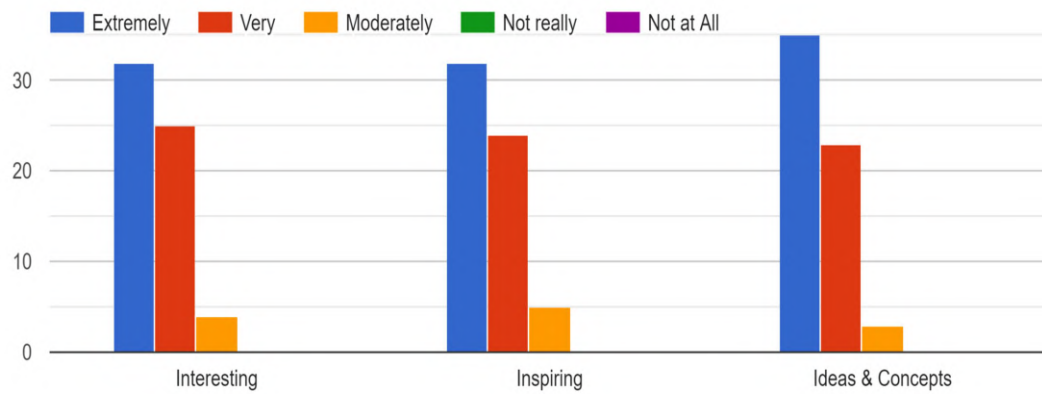
How Interesting was The Webinar ?



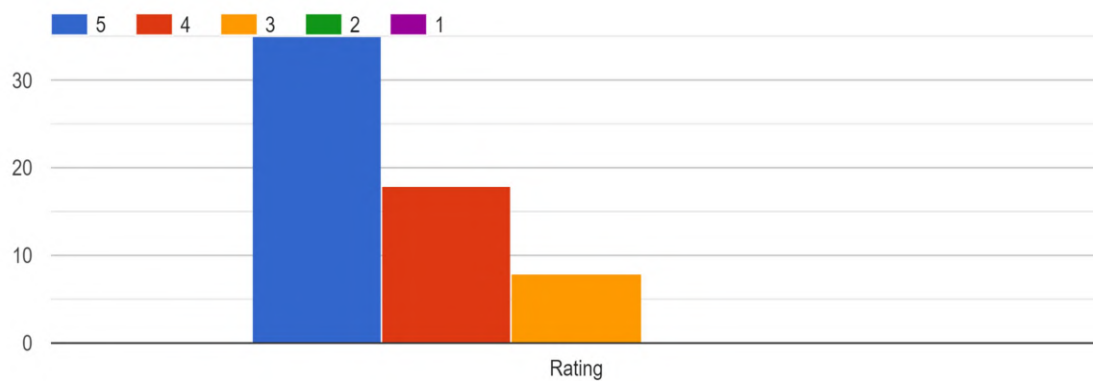
The Presented by DR. DEVSI BANTVA:



The Presented by DR. DIPAK PRAJAPATI:



Overall Rating:



CERTIFICATE FOR THE EVENT

This is the certificate provided to the students for participation in the event.

