

# ACADEMIC TALKS



## TESSERACT

The Mathematics Society

### SHIVAJI COLLEGE

(University of Delhi)

organises an academic talk on

## "FOURIER SERIES APPROACH TO THE ISOPERIMETRIC INEQUALITY"



Speaker :

### Dr Pratyosh Kumar

Associate Professor  
Department of Mathematics  
IIT Guwahati

October 09, 2021 | 12:00 Noon | M.S. Teams

For registration scan the QR code



Teacher In-charge  
Dr Jeetendra Aggarwal  
Department of Mathematics

Patron  
Prof. Shiv Kumar Sahdev  
Principal, Shivaji College





## TESSERACT- THE MATHEMATICS SOCIETY

### Shivaji College, University of Delhi

NAAC ACCREDITED GRADE 'A'

Organises

## National Webinar on

# SYMMETRY & PUZZLES

October 16, 2021 | 12:00 Noon | ZOOM Platform

**Speaker**  
Dr Amit Kulshrestha  
Associate Professor  
Department of Mathematical Sciences, BSER Mohali



**About the Talk**

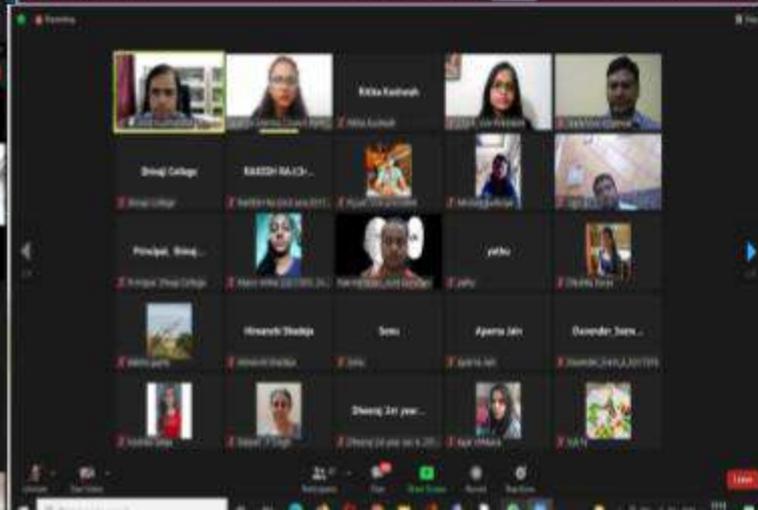
As children, we are made to learn numbers - from integers to reals to complex. We are also taught rules to compose numbers in a given context (addition, subtraction, multiplication, etc.). This serves as the foundation of most of the mathematics that we learn thereafter. Much before our encounter with numbers, we start observing symmetry in our toys and faces around us. Did we ever learn rules to compose symmetries? Perhaps we were waiting for a Group Theory course! Composing symmetries comes under the realm of Group Theory, a subject that engages us to play with symmetries in shapes and patterns, and also allows us to deal with some interesting puzzles. In short, this lecture is all about "multiplication table" of symmetries, and its applications.

Teacher in-charge:  
Dr Jeetendra Aggarwal  
Department of Mathematics

Link & QR code for registration:  
[Registration link](#)  
E-mail us at [mathsoc@shivajicollege.ac.in](mailto:mathsoc@shivajicollege.ac.in) for registered participants



Patron:  
Prof. Shiv Kumar Sahdev  
Principal, Shivaji College



# Webinars on Career Prospects



**TESSERACT**  
THE MATHEMATICS SOCIETY



**SHIVAJI COLLEGE**  
University of Delhi

In collaboration with  
**StepUp Analytics**  
is organising a webinar on

**HOW TO KICK START YOUR CAREER**  
using Advance **EXCEL AND TABLEAU**



## DISCUSSION AND INSIGHTS

- Business Analytics
- Industry Application
- Data Analysis

Platform - ZOOM  
Date - July 6, 2021  
Time - 5:00 p.m.

Organising Committee  
DEPARTMENT OF MATHEMATICS  
SHIVAJI COLLEGE

Teacher In-charge  
DR. JEETENDRA AGGARWAL

Patron  
PROF. SHIV KUMAR SARDEN  
Principal



**TESSERACT**  
The Mathematics Society



**SHIVAJI COLLEGE**  
(University of Delhi)

presents

**"SCOPE TILL INFINITY"**  
CHAPTER-I  
ALL ABOUT ACTUARIAL SCIENCES

Speaker:



**Mr. Rakesh Gupta**

Corporate Trainer, Faculty at Leading Actuarial  
Companies & Colleges,  
Career Ambassador for IFGAI(UK),  
Alumnus, Department of Mathematics, Shivaji College

November 27, 2021 | 11:00 a.m. | M.S. teams

Registration link: <https://forms.gle/ykVwPmymGWS3E1>

Teacher In-charge  
Dr Jeetendra Aggarwal  
Department of Mathematics

Patron  
Prof. Shiv Kumar Sardar  
Principal, Shivaji College





DEPARTMENT OF MATHEMATICS  
Shivaji College  
University of Delhi

*Organises*

# ALUMNI MEET'21

We may be far apart but the bond between a student and alma mater always remains strong.

*On*

*September 11, 2021*

🕒 11:00 a.m. 📍 ZOOM

CHIEF GUEST

**Prof. K.N. Singh**

Head, Division of Forecasting and Agricultural Systems Modeling,  
Indian Agricultural Statistics Research Institute, Library Avenue, PUSA

*Distinguished Alumnus*

*Department of Mathematics, Shivaji College*

Link & QR code for registration:

<https://forms.gle/g1WFjYVxsyRvfs3v9>

Last date of registration: 09.09.2021



For further queries contact: TESSERACT, The Mathematics Society

📷 📺 📧 @maths\_shivaji

✉️ [maths.shivajicollege@gmail.com](mailto:maths.shivajicollege@gmail.com)

**TEACHER IN-CHARGE**

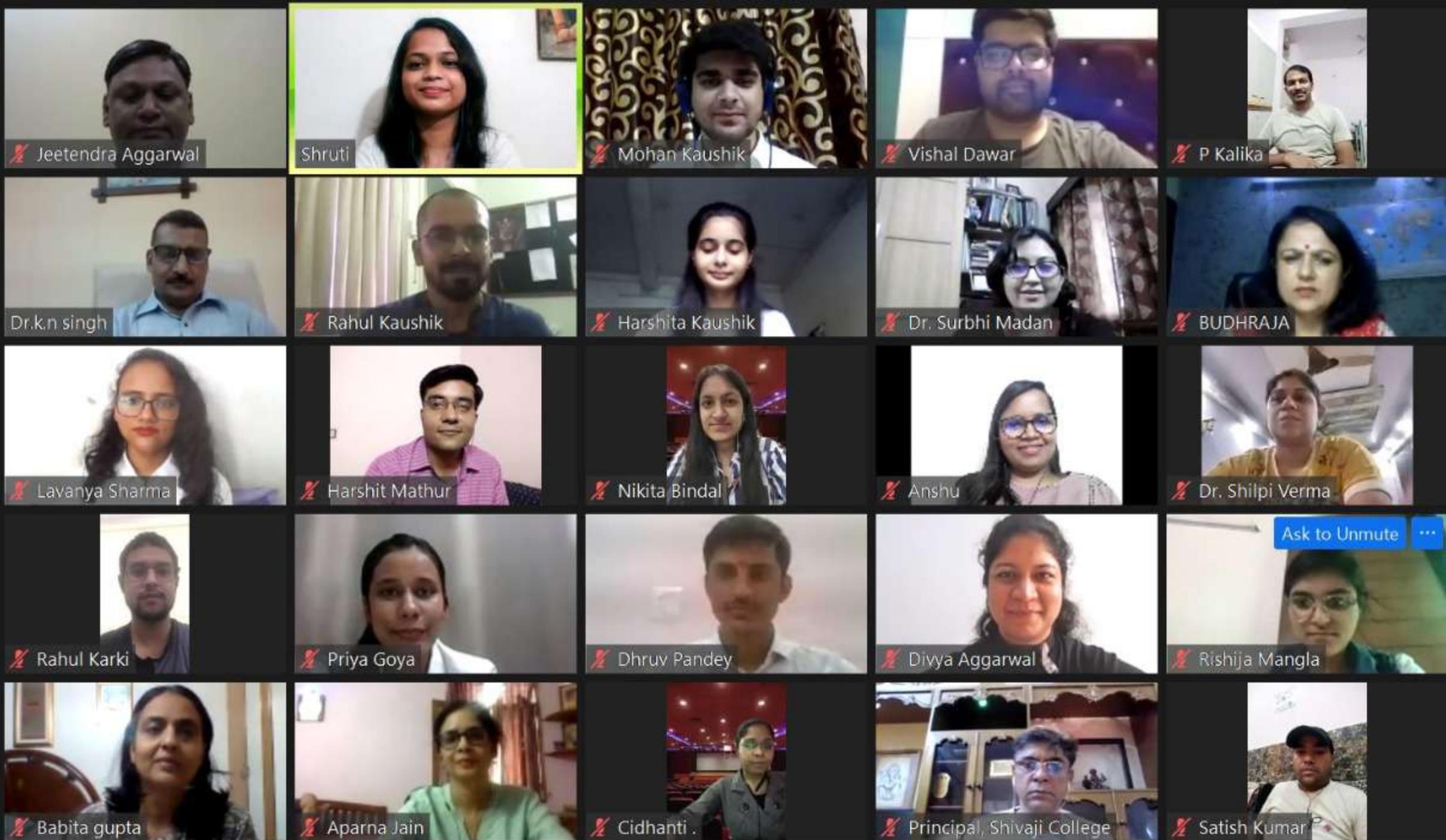
**Dr Jeetendra Aggarwal**

Department of Mathematics

**PATRON**

**Prof. Shiv Kumar Sahdev**

Principal, Shivaji College



Jeetendra Aggarwal

Shruti

Mohan Kaushik

Vishal Dawar

P Kalika

Dr.k.n singh

Rahul Kaushik

Harshita Kaushik

Dr. Surbhi Madan

BUDHRAJA

Lavanya Sharma

Harshit Mathur

Nikita Bindal

Anshu

Dr. Shilpi Verma

Rahul Karki

Priya Goya

Dhruv Pandey

Divya Aggarwal

Rishija Mangla

Babita gupta

Aparna Jain

Cidhanti

Principal, Shivaji College

Satish Kumar

Ask to Unmute



**DEPARTMENT OF MATHEMATICS**



**SHIVAJI COLLEGE**

NAAC Accredited 'A' Grade

**University of Delhi**

*invites you to*

**ORIENTATION PROGRAMME**

FOR FIRST YEAR STUDENTS

*on*

**November 18, 2021 | 3:00 p.m. | M.S. Teams**

Orientation Programme

24:05



Leave



Jeetendra (Guest)



MAHIMA BAKSHI



KUMARI PRIYANKA



SANSKRITI SINGH



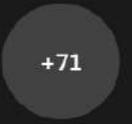
SHRUTI GUPTA



KHUSHBU



PRIYA BENI





# TESSERACT

The Mathematics Society  
Shivaji College  
(University of Delhi)



*presents*

## "SCOPE TILL INFINITY"

### CHAPTER-II

#### Road map to Data Science & Software Development



#### Ms Rishija Mangla

Software Development Engineer, Amazon

*Alumnus 2016, Department of Mathematics,  
Shivaji College (University of Delhi)*

#### Mr Vishal Dawar

Data Scientist, Amazon

*Alumnus 2016, Department of Mathematics,  
Shivaji College (University of Delhi)*



January 15, 2022 | 12 Noon | M.S. Teams

Registration link: <https://forms.gle/W4Kn6Q8Wr2C3SRfh6>

Teacher Incharge  
Dr Jeetendra Aggarwal  
Department of Mathematics

Student Co-ordinators  
Shruti Gupta  
Piyush Dahiya

Patron  
Prof. Shiv Kumar Sahdev  
Principal, Shivaji College



Leave

VRITIKA  
Vishal Dawar (Guest)  
KUMARI PRIYANKA  
SHRUTI GUPTA  
RAKSHIT YADAV  
MD AMIRKHUSROO  
RITIK  
JEETENDRA AGGARWAL  
KAMAL KUMAR CHAUDHARY  
YUVRAJ  
MADHURI  
HIMANSHI SHADEJA  
Gaurabh Singh  
Rishija Mangla (Guest)  
VRINDA  
AARTI BAFILA  
MUKESH KUMAR  
SURBHI MADAN  
THANGVANLALMUON GAN...  
ANKIT  
ANNU YADAV

Vishal Dawar (Guest)  
Rishija Mangla (Guest)  
V  
+117



TESSERACT- THE MATHEMATICS SOCIETY

# SHIVAJI COLLEGE

UNIVERSITY OF DELHI



*presents*

## INFINITY' 22

### CHIEF GUEST :



**Prof. Shobha Bagai**

Professor, Cluster Innovation Centre,  
University of Delhi

QR code for registration:



**April 11, 2022**



**10:00 am**



**College Auditorium**

**PAPER PRESENTATION**

**12:15 pm**

**QUIZ COMPETITION**

**2:15-3:30 pm**

**TALENT HUNT**

**3:30-4:30 pm**

**PRIZE DISTRIBUTION**

**4:30 pm onwards**



**TEACHER IN-CHARGE**

**Dr Jeetendra Aggarwal**

**FOR QUERIES CONTACT US:**

Priya: 9354719323

Anushka: 9071570333

Piyush: 8178203436



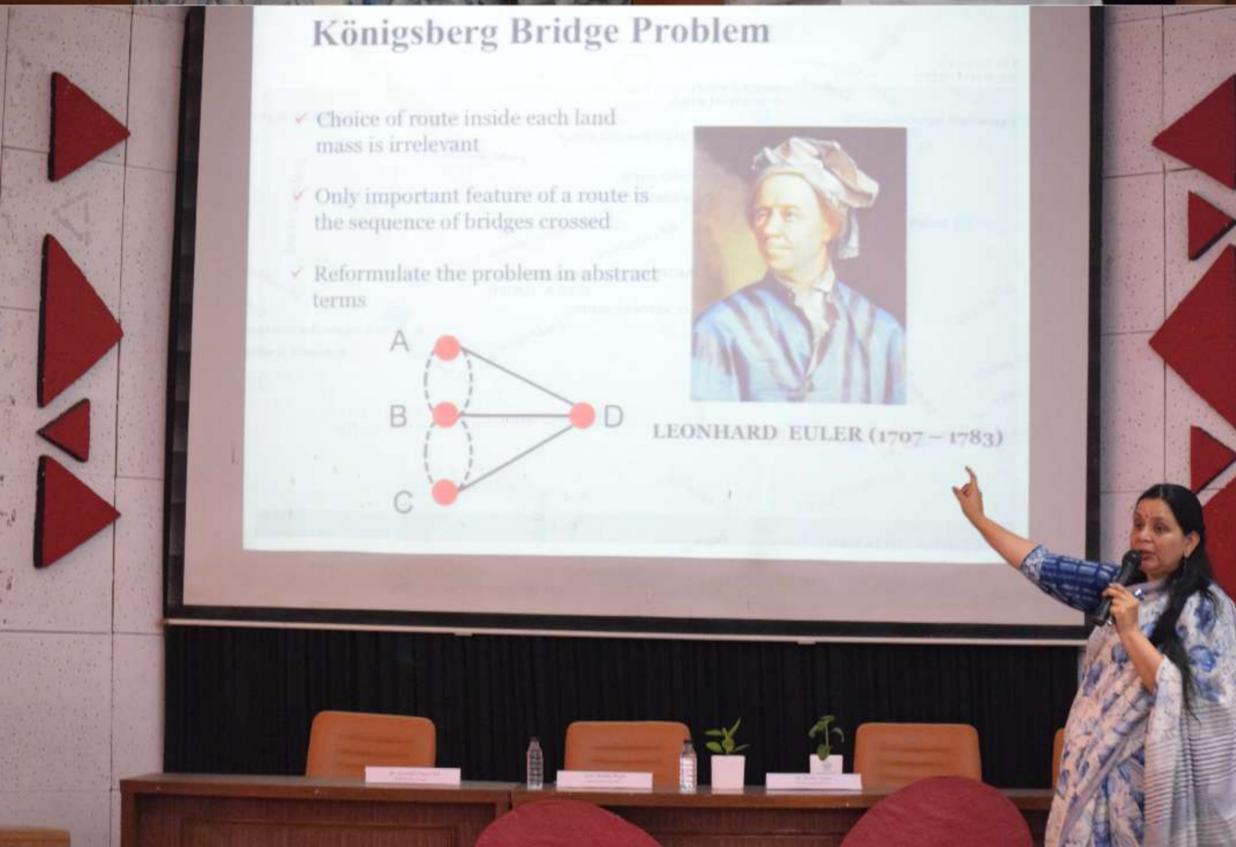
@mathsshivaji



@maths.shivajicollege@gmail.com

**PATRON**

**Prof Shiv Kumar Sahdev**





TESSERACT - THE MATHEMATICS SOCIETY  
SHIVAJI COLLEGE  
UNIVERSITY OF DELHI

present

# INFINITY '22

CHIEF GUEST:

Prof. Shobha Bagal  
Professor, Cluster Innovation Centre  
University of Delhi

April 11, 2022  
10:00 am  
College Auditorium



## RULES

Four questions per Team  
Five Marks for correct answer  
For wrong answer Two marks would be deducted  
Pass of question to other team is not allowed.



## INFINITY '22

CHIEF GUEST:

Prof. Shobha Bagal  
Professor, Cluster Innovation Centre  
University of Delhi

April 11, 2022  
10:00 am  
College Auditorium

Department of Mathematics  
Shivaji College  
University of Delhi

**DEPARTMENTAL ACTIVITIES**

S.No.	Date	Programmes/ Workshops/ Seminars	Resource Person
1	October 27, 2015	Mathematics and its Applications	Dr V.P Gupta, Department of Physical Sciences, JNU Dr Soumitra Sanadhya, IIT Delhi
2	September 27, 2017	A Vedic Approach to Mathematical Sciences	Mr. Maruti J.K. Sharma, Director Jagat kyoso management and science foundation
3	November 10, 2017	Mathematics: Historic and Current Perspectives	Prof. V. Ravichandran, HOD, Department of mathematics, University of Delhi Dr. Anju Gupta, Director, NCWEB, University of Delhi
4	March 12, 2018	Mathematics and Statistics	Dr. N. Shravan Kumar, IIT Delhi & Dr. Sudhir Kapoor, Department of Statistics, University of Delhi
5	February 19, 2018	Annual Festival, "Infinity"	Prof. Aparna Mehra, Department of Mathematics, IIT Delhi
6	January 20, 2018	Alumni Meet	
7	February 7, 2019	Social Science Networks	Prof. S. Arumugam, Adjunct Professor, Department of Mathematics, Amrita Vishwa Vidyapeetham, Coimbatore
8	February 25-26, 2019	Annual Festival, "Infinity"	Dr Atul Nischal, Founder- Director ICSL executive vice-president, S. Chand group

9	August 8, 2019	Role of Statistics in Big Data	Prof. Sudesh K Srivastava, Department of Global Biostatistics and Data Science, Tulane University, New Orleans, LA USA
10	September 9, 2019	Development of Mathematics through Generations	Prof. Hukum Singh, Former Dean Academics, Head, Department of Education in Science and Mathematics, Head-Division of Educational Kits, NCERT, New Delhi
11	January 22, 2020	Use of GIS, GPS and Remote Sensing in Precision Agriculture	Prof. K. N. Singh, Principal Scientist and Head, Division of Forecasting and Agricultural Systems Modeling, ICAR-Indian Agricultural Statistical Research Institute, New Delhi
12	October 4, 2019	Annual Festival, "Infinity"	Dr Rajeev Mehajan, Group Captain, Scientist 'G'/Adviser, Science & Engineering Research Board
13	March 1, 2021	Annual Festival, "Infinity"	Prof. Anuradha Devi, Dean Royal School of Applied & Pure Sciences, Assam Royal Global University