



**SRI VENKATESWARA COLLEGE**

**(UNIVERSITY OF DELHI)**

**EVENT REPORT**

**BRIEF INFORMATION ABOUT THE ACTIVITY**


NAME OF THE EVENT: Exponent 2022			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS NAME
11 – 12.03.2022	Mathematics	Trisectrix, the Mathematics Association	Mr. Anirban Chatterjee
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor;
9:30 am – 5:30 pm (both days)	Online (MS Teams, Zoom, GMeet)	205	Online
FINANCIAL SUPPORT/ ASSISTANCE (if any):	Rs. 31,000/-		

TOPIC/SUBJECT OF THE ACTIVITY	<b>EXPONENT'22: The Annual Fest of the Department of Mathematics, Sri Venkateswara College, University of Delhi</b>
OBJECTIVES	The main objective of the annual departmental fest of department of mathematics is to encourage students to find mathematics beyond their textbooks in their day-to-day life, the purpose was further explained really well in the webinar after the inauguration ceremony.
METHODOLOGY	Webinars and Question & Answer sessions and interactive mathematical games.
INVITED SPEAKERS	Prof. M. M. Pant
OUTCOMES	The participants of various events learnt skills like coordination, sportsmanship. Many participants from non-mathematical background performed really well and appreciated the existence of mathematics in our surroundings.

**PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):**

1 Notice & Letters  ✓	2 Number of Participants & Name of participants  ✓	3 Event Report*  ✓	4 Photos  ✓	5 Feedback Form & Analysis  ✓
6 News clip with details	7 Sample copy of the Certificate	8 Posters/ Invites  ✓	9 Event Report attested by Event Coordinator & IQAC Coordinator	10 Any other document

IQAC Document No: IQAC/SVC/2021-22/Mathematics08	Criterion No: III and V
Departmental file no: SVC/2021-22/Mathematics08	IQAC file No: IQAC/SVC/2021-22

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Mr. Anirban Chatterjee	Mr. Anirban Chatterjee  	

**FOR REFERENCE**

Criterion I	Curricular Aspects (planning)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best
Criterion IV	Learning Resources and Infrastructure			

**PROOFS**

## ➤ **Schedule of the events:**

### **DAY 1: 11th March 2022, Friday**

9:30 am - 10:00 am: **Inauguration**

Platform: MS Teams

10:00 am - 11:00 am:

**Webinar** by the chief guest, **Prof. MM Pant**, on the topic 'The Language of Mathematics'.

Platform: MS Teams

11:30 am onwards: **Paper Presentation**

Budding researchers will be showcasing their research papers on interesting topics which will be followed by an open house Q&A round.

Platform: MS Teams

2:00 pm onwards: **Mathematical Tambola**

Evergreen game shuffled mathematical twists awaits you to take a chance on your logic and luck.

Platform: Google Meet

<https://meet.google.com/uca-ukgg-sqf>

3:30 pm onwards: **Coded Decoded**

The game of wits invites you to come along and unlock the twists at each level.

Logic-Barter-Auction

Platform: Google Meet

<https://meet.google.com/raa-rkve-xuh>

### **DAY 2: 12th March 2022, Saturday**

10:00 am onwards: **Math-e-Charades**

Presenting a remarkable duo of Math & Bollywood, with a mathematical twist in the most famous game of dumb charades.

Platform: Zoom

Meeting ID: 838 0413 2152

Passcode: 12345

12:30 pm onwards: **Mictionary**

Inculcating mathematics with art involved in the original Pictionary game led to the creation of this game. Math + Pictionary = Mictionary

Platform: Zoom

Meeting ID: 853 9760 6174

Passcode: 12345

3:00 pm onwards: **Hunt in the House**

The Classic Treasure Hunt that will make you discover every overlooked corner of your house


Platform: Zoom

Meeting ID: 892 4854 0328

Passcode: 12345

11:59 pm (deadline to submit entries): **Clickathon**, the online photography competition.

Annexure I

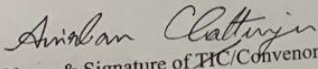


1961 - 2021  
Sri Venkateswara College  
University of Delhi

**SRI VENKATESWARA COLLEGE**  
(University of Delhi)

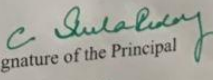
PERMISSION FOR ORGANIZATION OF EVENTS  
EVENT DETAILS

1. Name of the Department/Association:	Trisectrix, The Mathematics Association
2. Name of the Convenor (if any):	Mr. Anirban Chatterjee
3. Nature of the Event:	Annual departmental cultural fest
4. Participants:	Student-centric
5. Event Type:	Online
6. Society or Diamond Jubilee:	Diamond Jubilee
7. Collaborating Agency/Organisation:	NA
8. Proposed Title of the Event:	Exponent'22
9. Tentative List of Speakers:	NA
10. Duration & Date:	2 days, <sup>11<sup>th</sup></sup> March 2022 - <sup>12<sup>th</sup></sup> March 2022 9:30am - 4:30pm 10:00am - 3:30pm
11. Financial Assistance (if any):	NA
12. Proposed Budget (with details):	₹31,000



Name & Signature of HC/Convenor


Date: 21.02.2022





Signature of the Principal

Date: 3/3/22


➤ Event Poster & Invitation:

 1961 - 2021  
Tremula Timpali Divyathasams  
Sri Venkateswara College  
(University of Delhi)


 The Mathematics Association



Media Partners



Associate Sponsors



GeeksforGeeks

*presents*

# Exponent '22

The annual cultural fest of Department of Mathematics, SVC

**11th & 12th March 2022**  
**9:30 a.m. onwards**  
**Mode: Online**

**Paper Presentation**

**Mathematical Tambola**

**Coded Decoded**

**Math-e-Charades**

**Mictionary**

**Hunt in the House**

**Clickathon**

Principal  
Prof. C Sheela Reddy


Teacher-in-Charge  
Dr. Deepti Jain

Association-in-Charge  
Mr. Anirban Chatterjee

➤ Photos from the day of the event:

00:45:11

CELL PHONE COMMUNICATION



Making efficient use of the broadcast spectrum for mobile phones uses linear algebra and information theory. Assigning frequencies so that there is no interference with nearby phones can use graph theory or can use discrete optimization.

RS

SEJAL ARORA

RK

RIDAM KAP...

MA

MAI AGGARWAL

MJ

MUKUL KUM...

MM

MANNAK M...

➤ Traffic congestion results into unnecessary delays and reduction in speed.

➤ It has resulted into high rate of road traffic fatalities, making travelling and driving very unsafe in Delhi. Traffic congestion has also led to an increase in the number of accidents on the roads. In fact, Delhi has the highest accident rate in India and third-highest in the world.

➤ The road accident trend has been shown in the figure:

➤ **Road Accidents Trends on Delhi roads**

➤ Traffic rules, red lights, lane driving are not followed which are both the causes and effects of traffic congestion in Delhi.

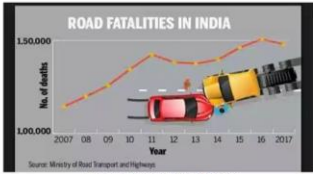
➤ Traffic congestion leads to obvious wastage of fuel which further adds in pollution and gives rise to myriad of diseases.

➤ Increased traffic congestion also leads to increased road rage.

➤ Traffic congestion also interferes with the passage of emergency vehicles etc.

➤ The total number of motor vehicles in the Delhi NCR roads was 109.86 lakh on March 31, 2018, showing growth per cent of 5.81 to the previous year.

➤ Due to population explosion, the no. of vehicles has surged unexpectedly;



Source: Ministry of Road Transport and Highways

Road Accidents Trends on Delhi roads

**OUTCOMES**

S.No.	City	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1.	Delhi	3635	3699	3971	4237	4186	4487	5492	5899	6302	6747	7228	7350	7785	8293	8851

(In thousands)

Mukhar Shandag (Guest)

RK

RIDAM KAP...

RAJAT KUM...



Pratham Rastogi

Dyuti Bajpai

Akash Tripathi

Swarn Singh

Janvi Aggarwal

Sejal Arora

Shakti Chaudhary

47 others

You

Infinite Series

• An infinite series is a sum of infinitely many terms and is written as. Eg  $1 + \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \dots$

$\infty$

RK

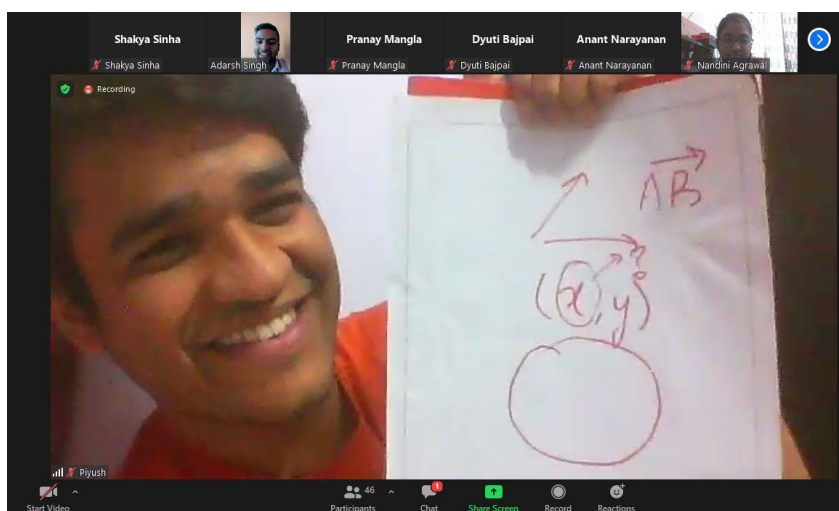
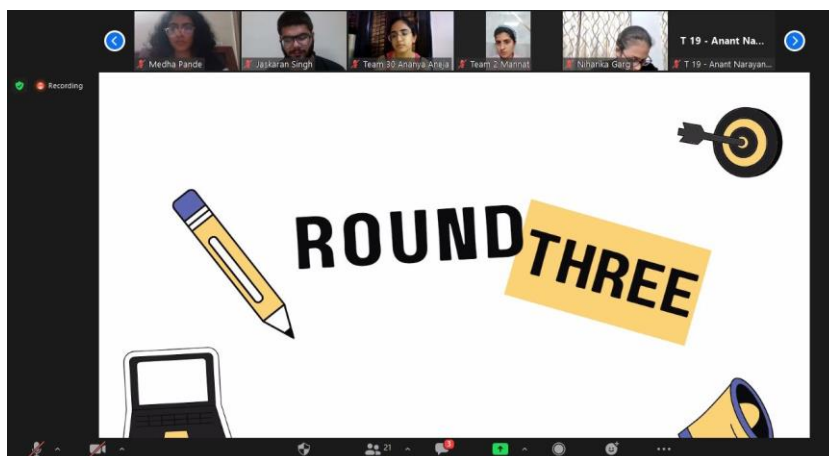
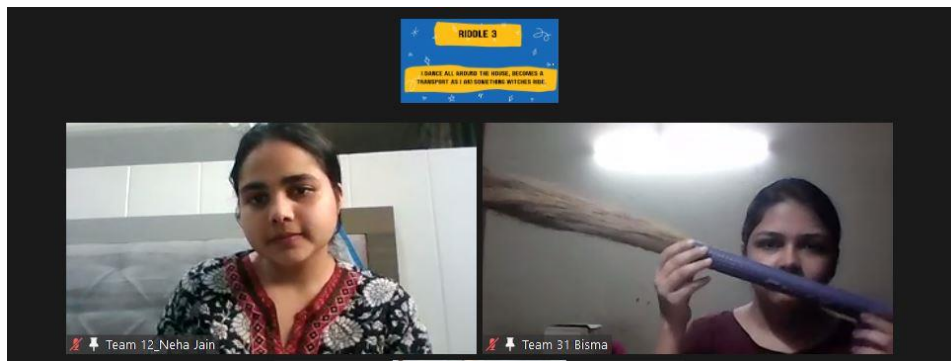
A

RIDAM KAP...

AKANKSH...

SEJAL ARORA





### ➤ Attendees' Details:

S. No.	Participant's Name	College/Institution
--------	--------------------	---------------------

1	Sanjh Solanki	Sri Vekatesawara College
2	Khushpreet Kaur	Sri Venkateswara College University of Delhi
3	Shrishti Sharma	Atma Ram Sanatan Dharma College
4	Mukhar Bhardwaj	Netaji Subhas University of Technology
5	Rajendra kumar Singh	Motilal nehru college Du
6	Ashish S	The National Institute of engineering
7	Agrima Tewari	Jesus and Mary College, Delhi university
8	Kewal Mohapatra	Ram lal anand
9	Swapnil Verma	DAV Public school
10	ABHIRAM LOKANATHAN	SHRI RAM COLLEGE OF COMMERCE, NEW DELHI
11	Himanshu Shah	SCMHRD
12	Shubham Jha	CUSAT
13	Mohit Kumar Jain	P.G.D.A.V. College
14	Pranay Mangla	SSCBS
15	Piyush Kapil	SGGSCC
16	Anjali Kumari	Svc
17	Chaitanya Singhal	SSCBS
18	Anmol Gupta	Shaheed Sukhdev College of Business Studies
19	Muskan Bhola	IIM Rohtak
20	Rishabh Banerjee	Sri Venkateswara College, DU
21	Niharika Garg	Sri Venkateshwara College
22	Suryapratap Khuntia	Shaheed Sukhdev College of Business Studies
23	Anushka Gupta	SSCBS
24	Sonia Yadav	Sri Venkateswara College
25	Vyapti Jha	SVC, DU
26	Karan Narang	Motilal Nehru College
27	Neha Jain	Gokhale Institute of Politics and Economics
28	Megh Shah	Poornima College of Engineering
29	Sejal	SVC
30	Kopal Agrawal	Shaheed Sukhdev College of Business Studies
31	Lavisha bageja	Hansraj College
32	Shivam Mehra	Deen Dayal Upadhyaya college
33	Naveen Tomar	Ramjas College
34	Priyanka Suri	Svc ,du
35	Tiasha Halder	IIM RANCHI
36	NITYA TANWAR	HANSRAJ COLLEGE
37	Tamanna Jangid	Gargi College
38	Payal Kushwaha	B. k Birla College
39	Ishika Roy	Bharti College, Delhi University
40	Vineet sharma	SRCC
41	Siddhi Agarwal	Sri Venkateswara College, Delhi and
42	Swati Saini	Kendriya Vidyalaya gurugram
43	Mohit Kumar Jain	P.G.D.A.V. College
44	Ayush Sahu	Sri Venkateswara College
45	Prashansa Raj	Sri venkateswara college
46	Utsav Raj	Sri Venkateswara College
47	Likesh	National Rail and Transport institute
48	Himanshu Gupta	Lcit college of commerce and science
49	Himanshu Sahu	Chandigarh university
50	P NAVEEN	roynaveen70@gmail.com
51	Parul Yadav	pyom006@gmail.com



52	Sweta Sharma	Sri Venkateswara College, University of Delhi
53	Arpan Chaudhary	Punjab Engineering College
54	Sagarnil Chakraborty	NIT Rourkela
55	Sejal Arora	SVC
56	Shalki	Sri Venkateswara College
57	Monika Gokul	sona college of technology
58	Adithya gupta	Vivek vidyalaya and junior college
59	Princy Dhillon	Institute of Management Nirma University
60	Shreya Garg	Hindu College
61	Isha	University of delhi
62	Priyanshu Raj	Sri Venkateswara College
63	Priyanka Suri	Svc, Du
64	K. Tulasi kumar	SRKR Engineering college
65	Kopal Agrawal	Shaheed Sukhdev College of Business Studies
66	Aditya Raman	Hindu College
67	Namrata Rani	Gargi College
68	Kanika	Lakshmibai college
69	ADARSH PANDEY	ATMA RAM SANATAN DHARMA COLLEGE
70	Gautam Joshi	Sri Venkateswara College
71	PEDAPUDI HARIKA	VELAGAPUDI RAMAKRISHNA SIDDHARTHA COLLEGE
72	Lavisha Bhatia	Kalindi college, Delhi University
73	Aman Madan	MLnc
74	Medha Pande	Venky
75	Suhani Kanhaiyalal Gore	Atma Ram Sanatan Dharma College, Delhi University
76	LAKSHMI	Sri Venkateswara
77	Anshika Singh	Maitreyi college
78	Niharika Garg	Sri Venkateshwara College
79	Amrit Kumar	Venky
80	Aryan Murghai	Sri Venkateswara College
81	S Skanda	Sri Venkateswara College
82	Shubh Agarwal	Ram Lal Anand College
83	Amir Rayeen	FEROZE GANDHI POLYTECHNIC
84	Tanmay Tiwari	Sri venkateswara college
85	Vineet Lodhi	Sri venkateswara college
86	Kunal Tomar	Sri Venkateswara College
87	Sakshi garg	Shri Venkateswara college
88	Tarun Kumar Rai	Sri Venkateshwara College
89	Palak	Indraprastha College for Women
90	Aryan Panwar	Sri Venkateswara College, University of Delhi
91	Samanwaya Datta	St. Patrick's Higher Secondary School, Asansol
92	Kashish singhal	Ramanujan college
93	Adarsh Baranwal	St. Patrick's H. S. School
94	Richa	Shivaji College
95	Piyush Kapil	SGGSCC
96	Gautam Arora	Sri Guru Gobind Singh College of Commerce
97	Kushal Chaurasia	Sri Vankateshwara college
98	Muskan Yadav	Gargi College
99	Hajra Ashraf	Jamia Millia Islamia
100	Manish Chauhan	IIT Delhi
101	Abhishek Kumar Singh	PGDAV (EVE) DELHI UNIVERSITY
102	Anjali	Sri Venkateshwara College

103	Krishaanth Arun	Vellore Institute of Technology, Chennai
104	Vibhav vatsa	Sri venkateswara college
105	Aneesh Chatterjee	Sri Venkateswara College
106	Ojasvi Yadav	Maitreyi college
107	Swati	J.C Bose University Of Science And Technology, YMCA
108	Dev Sharma	VIT Chennai
109	Aastha gupta	Sri Venkatwshwara College
110	Akshat Bansal	Deshbandhu College
111	Dyuti Bajpai	Sri Venkateswara College
112	Riya Joshi	Dit University
113	Shivam Garg	IIT roorkee
114	Disha Dash	Sri venkateswara College
115	Jahanvi	Sri Venkateswara College University of Delhi
116	Romana Ruqia	Sri Venkateswara
117	Yaah Gupta	Sri Venkateswara College
118	Shivanshi Mishra	Ramjas College
119	Amartya Barman	Sri Venkateswara College, University of Delhi
120	Bhaktima Bharali	Sri Venkateswara college
121	Shankar ganesh.s	Dr.sns rajalakshumi college of arts and science
122	Harshika Raj	National Rail and Transportation Institute
123	Arihant Kamde	LNCTE Bhopal
124	Gagan Deep Singh	Sri Venkateswara College
125	Vanshika Sirohi	Sri Venkateswara College
126	Rajesh.R	Dr Sns college of arts and science
127	Gurleen Kaur	Sri Guru Gobind Singh College Of Commerce
128	Sumit Kumar Sinha	Op Jindal University
129	Aman Gupta	Sri Venkateswara College
130	Kaneez Fatima	Lady shri ram College for Women
131	Harmeet Kaur	Dyal Singh College
132	Akash Batbyal	SHAHEED BHAGAT SINGH COLLEGE
133	kommidi poojitha	malla reddy engineering college for women, autonomous
134	Tavishi	Lady Shri Ram College for Women
135	Gaurav Sharma	Sri Venkateswara College
136	Muskaan jain	Ramjas du
137	shantnu	icfai business school
138	Samay Varshney	IIT Guwahati
139	Ishita garg	SVC
140	Abhishek Gupta	AITH Kanpur
141	Jayanth Y C	Karnataka State Open University, Mysuru
142	Mannat	Kirori Mal College
143	Vasu Agrawal	BMSCE, BANGALORE
144	Nandini Agarwal	Sri venkateswara college
145	Pratham Rastogi	Sri Venkateswara
146	Sakshi Goel	Indian Institute of Management, Rohtak
147	Sanskriti Srivastava	Indian Institute of Technology, Varanasi -IIT(BHU)
148	Harshita Rao	Sri Venkateswara College
149	Vansh Bansal	Sri venketeswara college
150	Mamta Jimiwal	Venky
151	Soumya Jain	Sri Venkateswara College
152	Richa Chaudhary	Vivekananda college
153	Aakanksha Rajhans	SVC

154	Mehak Rawat	Sri Venkateswara College
155	Sanskar	srm university
156	Saurabh Joshi	Deshbandhu College
157	Kashvi chhabra	DAULAT RAM COLLEGE
158	P NAVEEN	Shri Venkateshwara college
159	Anubhav Shukla	PGDAV College
160	Satyavrat bishnoi	Swami shraddhanand college
161	Anshula Gupta	Dyal Singh College, Delhi University
162	KIA HAJELA	St. Joseph's College
163	RITU DAGAR	Delhi University
164	ATIFA KHAN	Vivekanand college (w), Delhi university
165	SOUNDER M	BANNARI AMMAN INSTITUTE OF TECHNOLOGY
166	VIDHI JAIN	Kalindi College
167	SUHANA JAIN	Gargi college
168	LOKNATH ROY	IEST
169	Alok Singh Yadav	Sainik school ambikapur
170	Yuvraj Singh	Sri Venkateswara College
171	SAMIK SARKAR	IHM Kolkata
172	DURGESH CHOUDHARY	IPCW
173	ESHAAN PANDEY	Indian Institute of Information Technology, Pune
174	KIRTI MUNDHRA	Indraprastha college for women
175	SHUBHRO JYOTI DEY	Shaheed Sukdev College of Business Studies
176	RAVEENA RAWAT	Arsd,du
177	MIMANGSHA KUMARI	Dyal Singh College
178	KYRA HAJELA	St. Joseph's College (Autonomous) Bangalore
179	VASHISHTHA TIWARI	Lucknow university
180	ABHISHEK KUMAR	ARSD, DU
181	ABHINAV RATHORE	Shaheed sukhdev college of business studies
182	SHUBHANGI JAIN	Sri Venkateswara College
183	ANJALI YADAV	Sri Venkateswara College
184	SHREYA GUPTA	Sri Venkateshwara College
185	ABHISEK ROY	Maulana Abul Kalam Azad University Of Technology
186	VASUDEEP CHAUDHARY	Shaheed Sukhdev college of buisness studies
187	SHIVANI MAURYA	Kalindi college
188	HIMANSHU RAJAWAT	JC BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY
189	VANI	Sri Venkateswara College
190	HARSH SRIVASTAVA	Shri Aurobindo College, University of Delhi
191	ARNAV GUPTA	SSCBS
192	TANISHQ GUPTA	Indian Institute of Photography
193	TANYA SHREE	Kalindi College, University of Delhi
194	Praveen Singh	Sri Venkateswara College
195	SUGANDHA KHURANA	Jamia Millia Islamia
196	BJ Rishit	Vellore Institute of Technology
197	AMAN MADAN	Motilal Nehru College
198	VISHAL YADAV	Ramanujan College
199	ANIMA SHRI	Janki Devi Memorial College
200	Satyam Kumar Jaiswal	Dyal Singh College,DU
201	Pranav Sharma	Pusa institute of technology
202	KASHISH GUPTA	Swami Shraddhanand College
203	ASHU KUMAR	Dyal Singh College (Day)
204	JASKARAN SINGH	Sri Venkateswara College

➤ **Links to the recording of the event:**

<https://youtu.be/5mddpzUjccl>

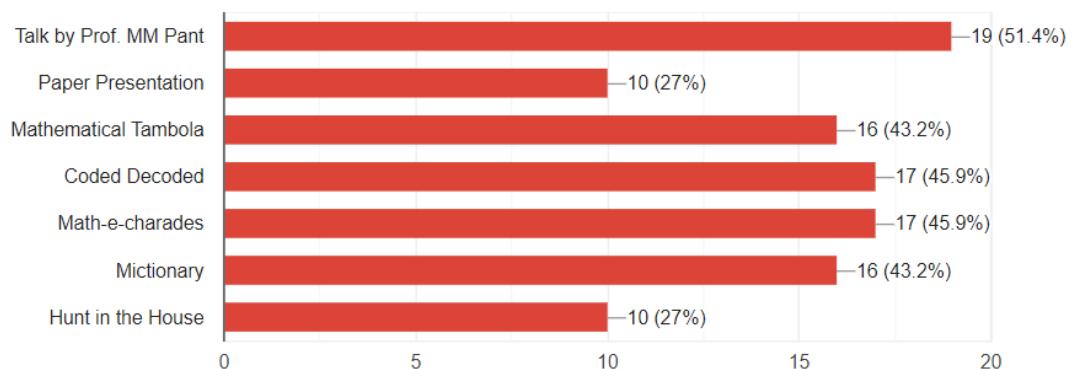
➤ **Feedback forms analytics:**

- The number of people who filled the Feedback Form were **37** including the organising team and participants.
- **51%** of the respondents attended the talk by Prof. M. M. Pant and liked it.
- **Maximum participation** was seen in the Coded Decoded event.
- **94.6%** of the respondents gave a rating of 4 out of 5 to the overall management of the events.
- **83.8%** of the respondents are most likely to attend Exponent'23 too.

Tick the event(s) you participated/attended as audience.

 Copy

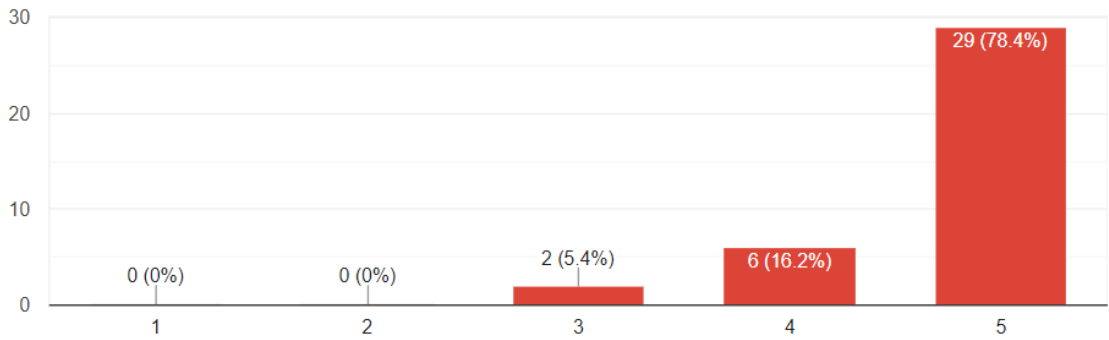
37 responses



Rate the level of organisation and overall mangement. (5 being the highest)

 [Copy](#)

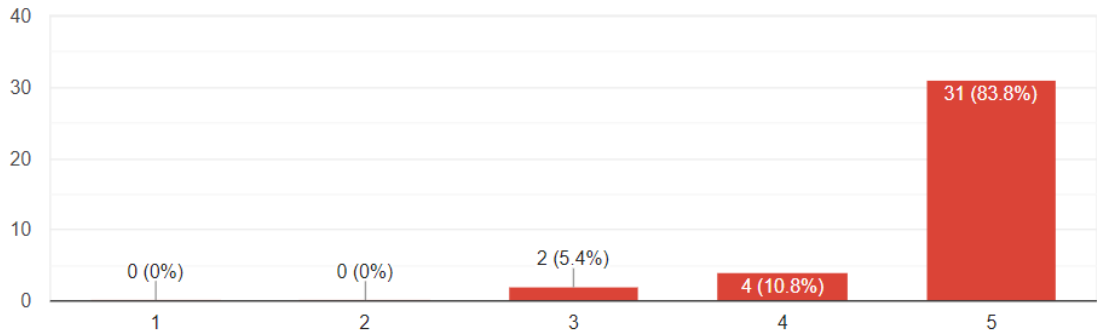
37 responses



How likely are you going to participate in these events next year? (5 being the highest)

 [Copy](#)

37 responses





1961 - 2021  
Tirumala Tirupati Devasthanams  
**Sri Venkateswara College**  
(University of Delhi)

## **CERTIFICATE**

This is to certify that the Exponent'22: The Annual Fest of the Department of Mathematics was successfully conducted on 11-12<sup>th</sup> march 2022 from 9:30 AM – 5:30 PM (both days) by the Department of Mathematics in the Online mode and its event report has been submitted to IQAC for records.

  
IQAC Coordinator  
Coordinator, IQAC  
Sri Venkateswara College  
(University of Delhi)  
Dhaura Kuan, New Delhi-110021

  
Principal  
PRINCIPAL  
Sri Venkateswara College  
Dhaura Kuan, New Delhi-110021