



**SRI VENKATESWARA COLLEGE**

**(UNIVERSITY OF DELHI)**

**EVENT REPORT**

<b>NAME OF THE EVENT: Mathematical Symposium with Prof. Brian Winkel</b>			
<b>DATE</b>	<b>DEPARTMENT</b>	<b>COMMITTEE/SOCIETY</b>	<b>COORDINATORS NAME</b>
11.01.2022	Mathematics	Trisectrix- The Mathematics Association	Mr. Anirban Chatterjee
<b>TIME</b>	<b>VENUE</b>	<b>NUMBER OF PARTICIPANTS</b>	<b>NATURE: Outdoor/Indoor;</b>
5:00 pm to 6:35 pm	Online  ( <a href="https://us06web.zoom.us/j/89439259585?pwd=ZlcybDRncVU1Qm8vNnVTRDU5K0h1Zz09">https://us06web.zoom.us/j/89439259585?pwd=ZlcybDRncVU1Qm8vNnVTRDU5K0h1Zz09</a> Passcode – 2022)	225	Online
<b>FINANCIAL SUPPORT/ASSISTANCE (if any):</b>	N/A		


**BRIEF INFORMATION ABOUT THE ACTIVITY**

<b>TOPIC/SUBJECT OF THE ACTIVITY</b>	<b>Mathematical Symposium: Be Prepared, Seize Opportunities, Take Reasonable Risks, Grow Professionally, Contribute and Be Happy.</b>
<b>OBJECTIVES</b>	The objective of the symposium was to interact with Emeritus Professor Brian Winkel about how to be prepared and seize every opportunity, and discuss the importance of mathematical modelling and its practices.
<b>METHODOLOGY</b>	Webinar and question & Answer session
<b>INVITED SPEAKERS</b>	Professor Brian Winkel (Emeritus Prof. of Mathematics, United States Military Academy, West Point, NY and Founder & Director, SIMIODE.
<b>OUTCOMES</b>	The participants were enlightened by Prof Winkel as he talked about his life journey and his contributions to the world of mathematics. Key take-away from the webinar is the understanding of the basic outline and working of mathematical modelling using Differential Equations. Attendees also learned about SIMIODE and SCUDEM.

**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/Mathematics06	Criterion No: III and V
Departmental file no: SVC/2021-22/Mathematics06	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 Practices
Criterion IV	Learning Resources and Infrastructure			

## **PROOFS**

### ➤ **Detailed report of the event:**

Trisectrix, The Mathematics Association of Sri Venkateswara College organized a webinar named 'Mathemagical Symposium' on January 11th, 2022 with the world-renowned personality, Professor Brian Winkel. The event catered to an overwhelming response with both students and faculty members all over India learning from his life experiences. The aura was indeed Mathemagical.

It commenced with Professor Winkel himself interacting with the fellow panellists and entertaining the crowd with amusing anecdotes. Following this, the hosts commenced the webinar by welcoming the speaker, faculty members and all the attendees. Our respected Vice-principal, Dr. S Venkata Kumar then addressed the crowd with his wise words. An esteemed Professor of Department of Mathematics, Prof. Swarn Singh, formally introduced Prof Winkel to the audience.

Just like SVC, Prof Winkel's professional journey also began 60 years ago. Through his experiences and self-learnings, he talked about how to "Be prepared, Seize Opportunities, Take Reasonable Risks, Grow Professionally, Contribute, and Be Happy". Apart from this, he also explained the beauty of mathematical modelling and gave a basic outline and understanding of modelling using differential equations. Making the webinar further resourceful, he explained the idea behind creating a community like SIMIODE and SCUDEM - an internationally-known competition wherein students from around the world can participate in solving real-life problems using differential equations and mathematical modelling. Moreover, using his mathematical skills, he ventured into varied fields proving that Maths is indeed a universal language. His life preachings are a guarantee that there is no growth in this field without making mistakes. 'Taking calculated risks and seizing opportunities is what pushes you forward and enables you to grow in life', he shared.

The talk was followed by an interactive Question-Answer session wherein hosts took up questions from the audience to ask the Professor. Finally, the event concluded with Mr. Anirban Chatterjee, the association-in-charge, presenting a vote of thanks to Prof Brian Winkel.

Lastly, the webinar was a huge success with a cumulative attendance of. Certificate of participation was awarded to all the attendees by Trisectrix, the Mathematics Association of Sri Venkateswara College.

➤ Permission Form:

Annexure I

SRI VENKATESWARA COLLEGE

(University of Delhi)

PERMISSION FOR ORGANIZATION OF EVENTS

EVENT DETAILS

1. Name of the Department/Association: **Mathematics/ Trisectrix, The Mathematics Association**
2. Name of the TIC/ Convenor (if any): **Mr. Anirban Chatterjee**
3. Nature of the Event: **Webinar**
4. Participants: **Student-centric**
5. Event Type: **Online**
6. Society or Diamond Jubilee: **Diamond Jubilee**
7. Collaborating Agency/Organisation : **SIMIODE**
8. Proposed Title of the Event: **Mathemagical Symposium with Dr. Brian Winkel**
9. Tentative List of Speakers: **Prof. Brian Winkel**
10. Duration & Date: **1 hour, 11<sup>th</sup> January 2022 , 5:00 pm**
11. Financial Assistance (if any): **NA**
12. Proposed Budget (with details): **NA**

*Anirban Chatterjee*  
Name & Signature of TIC/Convenor

Date: *31/12/2021*

*Allex*  
Signature of the Principal *3/1/22*

Date: *03.01.2022*

➤ Event Poster & Invitation:

**WEBINAR**

 **toisectrix**  
The Mathematics Association

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

**THE MATHEMATICS ASSOCIATION**  
**SRI VENKATESWARA COLLEGE**  
**UNIVERSITY OF DELHI**

presents

**MATHEMATICAL SYMPOSIUM:**  
**BE PREPARED, SEIZE OPPORTUNITIES, TAKE REASONABLE RISKS, GROW PROFESSIONALLY, CONTRIBUTE AND BE HAPPY**

Speaker

**PROF. BRIAN WINKEL**

- Emeritus Prof. of Mathematics, United States Military Academy, West Point, NY
- Founder and Director, SIMIODE
- Ph.D. Mathematics, Indiana University, USA
- 90+ Publications



**11th January, 2022**  
**5:00 pm onwards**  
**Platform: ZOOM**

Join the meet using the link provided.


In case of any queries, contact:	<b>Sejal Arora</b> +91 9501168019	<b>Jaskaran Singh</b> +91 8800141564
<b>Prof. C Sheela Reddy</b> Principal	<b>Thanks &amp; Regards</b> <b>Dr. Deepti Jain</b> Teacher-in-Charge	<b>Mr. Anirban Chatterjee</b> Association-in-Charge

➤ Photos from the day of the event:

Zoom Webinar You are viewing Brian Winkel's screen View Options

Recording

Brian Winkel



### Description of SIMIODE

- ▶ Community of Practice for students and teachers
- ▶ Resources for teaching differential equations through modeling
- ▶ ALL FREE as Open Education Resources (OER) - downloadable and modifiable
- ▶ Modeling Scenarios and Technique Narratives organized in tradition differential equations text book order
- ▶ Peer-reviewed, double-blind publication of teaching materials
- ▶ Many other resource materials to foster modeling
- ▶ Migrating to QUBES Hub - completed in June 2021

Audio Settings Chat Raise Hand 11-Jan-2022 17:23:37 pm Leave

(Prof. Winkel talking about SIMIODE during the webinar)

Zoom Webinar You are viewing Brian Winkel's screen View Options

Recording

Brian Winkel

### Model Analysis in Excel Using Solver

Data collected Friday, 5 August 2016 by Brian Winkel

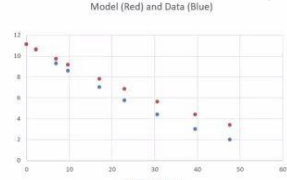
SOURCE for Data: <https://www.youtube.com/watch?v=NbH4DQ4OTE>

Radius of hole 11/64" = 0.21875 cm and radius of cylinder 4.17 cm

Model  $h(t) = -b \cdot \text{Sept}(\ln(t))$

Model  $h(t) = (-b \cdot \text{Sept}(\ln(t)) + h(0))/2 + h(0)^2/2P^2$   $b = 0.002$

Time (s)	Zeroed Time	Actual Height (cm)	Model	SSE
8.679	0	11.1	11.09995836	1.73426E-09
10.866	2.187	10.6	10.64844791	0.0023472
15.612	6.933	9.3	9.700871913	0.166969092
18.396	9.717	8.6	9.165570453	0.319869938
25.781	17.102	7	7.819152408	0.671076302
31.647	22.968	5.75	6.825923091	1.157610161
39.282	30.603	4.4	5.634134022	1.523086785
48.182	39.503	3	4.389102871	1.929606788
56.342	47.663	2	3.384036994	1.915503039
Total SSE				7.679799546

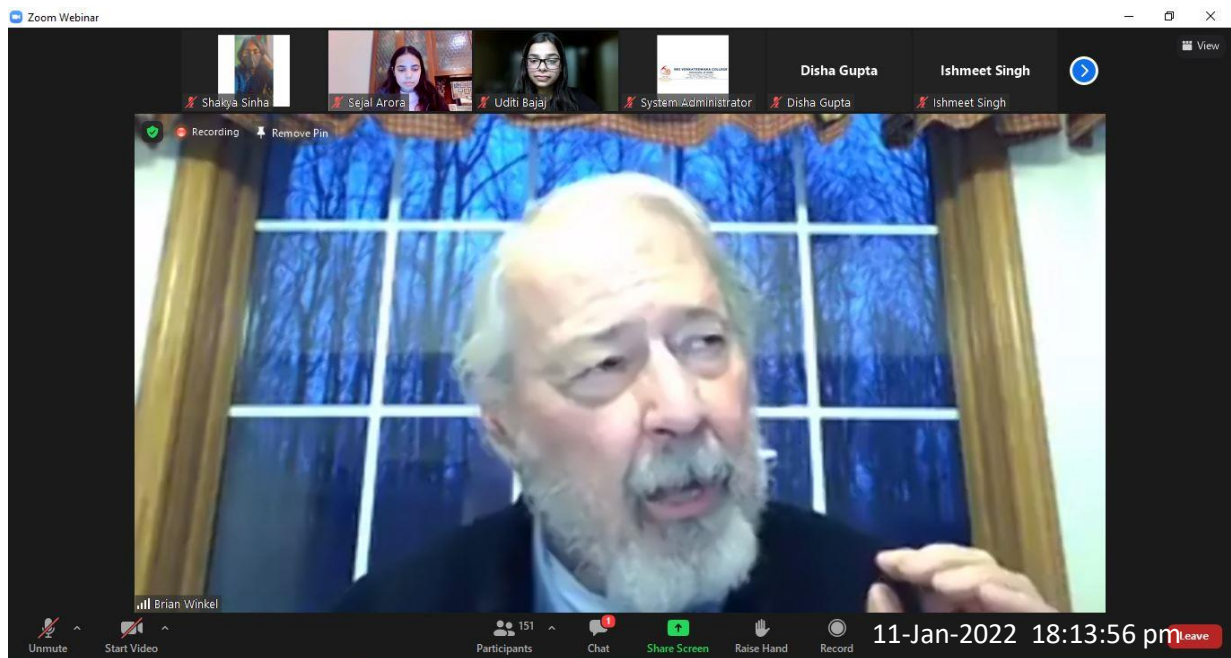


We can use Excel's Solver to minimize the TOTAL SEE or SSE which is currently 7.679799546 with parameter  $b = 0.002$  by asking Solver to minimize SEE or SSE as a function of  $b = 0.002$  cell.

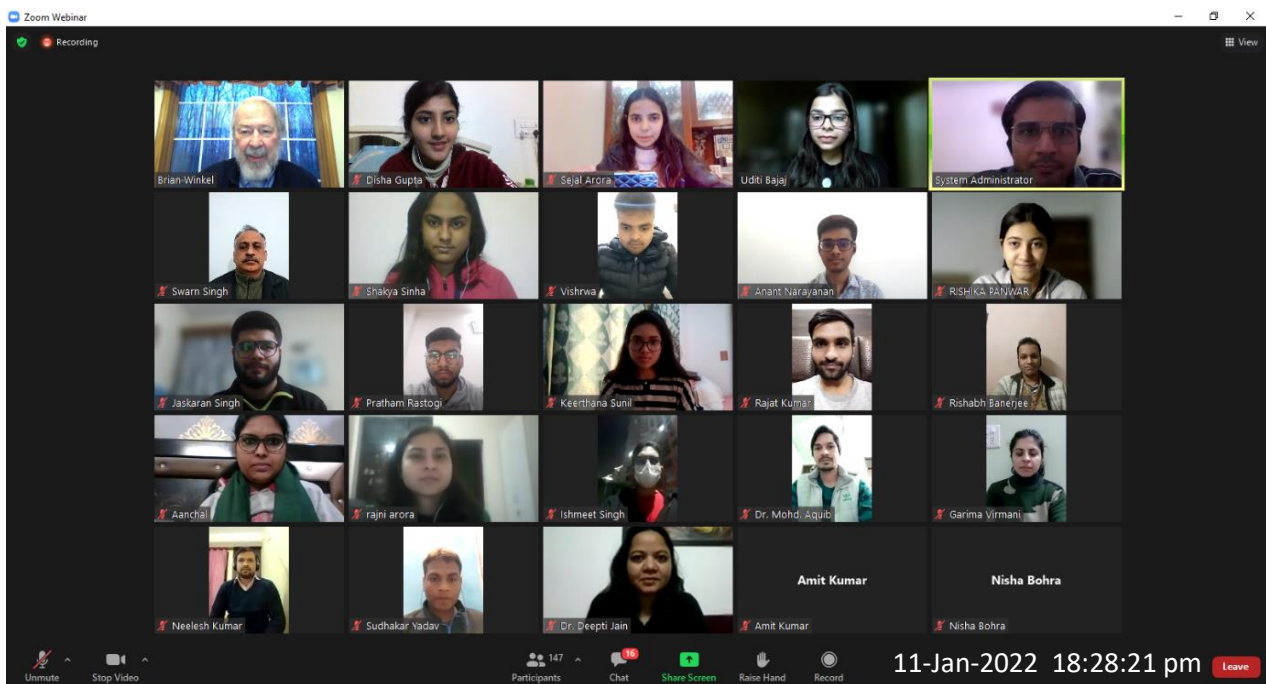
Audio Settings Chat Raise Hand 11-Jan-2022 17:46:19 pm Leave

(Prof. Winkel explaining how we could use Solver to model analysis during the webinar)





(Prof. Winkel answering one of the questions during the Q&A session)



(Group picture)

➤ **Sample Certificate:**



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

<https://youtu.be/NPMrSFDNH2E>

➤ **Schedule of the event:**

- 5:00 pm – 5:20 pm:- **Introduction**

Hosts welcomed everyone in the meeting and invited Vice Principal, Dr S Venkat Kumar, to address all the participants and Prof Swarn Singh cordially welcomed the speaker, Prof Winkel and formally introduced him.

- 5:20 pm – 6:00 pm:- **Presentation by Prof Brian Winkel**

Prof Winkel shared his PPT and gave a talk on how to be prepared to take reasonable risks and seize opportunities and embrace challenges. He further explained the working of mathematical modelling using differential equations and emphasized its importance in our lives.



- 6:00 pm – 6:35 pm:- **Question-Answer session followed by Vote of Thanks**

After the talk was over, questions from the audience were taken up by the hosts to ask Prof Winkel for the Q&A session following which the Association-in-charge, Mr. Anirban Chatterjee, presented a vote of thanks.

➤ **Attendees' Details:**

S.No.	Name	Student/Faculty	Email
1	Swarn Singh	Faculty	ssingh@svc.ac.in
2	Dr. Mohd. Aquib	Faculty	aquib80@gmail.com
3	Uditi Bajaj	Student	uditibajaj1811@gmail.com
4	Suruchi Singh	Faculty	ssuruchi2005@yahoo.co.in
5	Sejal Arora	Student	sejalarora@gmail.com
6	Disha Gupta	Student	eway2disha@gmail.com
7	Dr. Deepti Jain	Faculty	djain@svc.ac.in
8	Anant Narayanan	Student	mkanant17@gmail.com
9	rajni arora	Faculty	rajni@svc.ac.in
10	Vishrwa	Student	vishrwa04@gmail.com
11	Sudhakar Yadav	Faculty	sudhakarbh10@svc.ac.in
12	RISHIKA PANWAR	Student	rpanwar639@gmail.com
13	Venkat Kumar	Faculty	viceprincipal@svc.ac.in
14	Ishmeet Singh	Student	ishmeet.1606@gmail.com
15	Aanchal	Faculty	aanchal@svc.ac.in
16	Shakya Sinha	Student	shakya.sinha211@gmail.com
17	Garima Virmani	Faculty	garimavirmani86@gmail.com
18	Pratham Rastogi	Student	rpratham56@gmail.com
19	Nisha Bohra	Faculty	nishabohra@svc.ac.in
20	Rajat Kumar	Student	rajatsvc@gmail.com
21	Brian Winkel	Speaker	brianwinkel@simiode.org
22	Neelesh Kumar	Faculty	neeleshkumar@svc.ac.in
23	Jaskaran Singh	Student	email.jaskaransingh@gmail.com
24	Amit Kumar	Faculty	amitk@svc.ac.in
25	Keerthana Sunil	Student	keerthanadsunil23@gmail.com
26	Rishabh Banerjee	Student	rishabh.banerjee.108@gmail.com
27	ABHAY GUPTA	Student	python.code.fellex@gmail.com
28	Surabhi	Student	surabhiraw00@gmail.com
29	Aman Pratap Singh	Student	baisaman2002@gmail.com
30	Aarushi Jugran	Student	aarushi.jugran@gmail.com
31	Priyansh Mahesh Padmakar	Student	priyanshpadmakar@gmail.com
32	Saurabh Raj	Student	saurabhraj02022003@gmail.com
33	Anuj Agarwal	Student	anujagarwal11704@gmail.com
34	Khagesh kumar rathore	Student	manojkumarrathore805@gmail.com
35	Abhinav	Student	abhinavnirmal4@gmail.com
36	Bharat Lal Meena	Student	bharatlal10062003@gmail.com
37	Riton Talukdar	Student	ritontalukdar33@gmail.com
38	Anannya	Student	kanannya796@gmail.com
39	Dhruv Pandey	Student	kumarakshaysept2@gmail.com
40	Dolly Goyal	Student	2620dolly@gmail.com
41	ARUN VERMA	Faculty	arun6297@rla.du.ac.in
42	Srishti	Student	srishtikaushik237@gmail.com
43	SOURAV RAJORA	Student	gautambuddha6559240087@gmail.com
44	Mehak Rawat	Student	mehakrawat29957@gmail.com
45	Manish Kumar	Student	manishkumar09637@gmail.com

46	Rajesh Kumar	Student	rk4690801@gmail.com
47	Sanjh Solanki	Student	sanjhsolanki.lingoq@gmail.com
48	Aakanksha Rajhans	Student	aakanksharajhansl@gmail.com
49	Rahul	Student	rahulsharma27056@gmail.com
50	Kshitij Kumar	Student	kshitijpms@gmail.com
51	Jayati	Student	jayatisood9@gmail.com
52	Harsh Sharma	Student	harshsharmacs21@pgdav.du.ac.in
53	Urvashi IX G	Student	satvikyash990@gmail.com
54	Rahul Dey	Student	rdey4575@gmail.com
55	Neelu	Student	neeleshkr2012@gmail.com
56	kaarimah	Student	kaarimahnaqash46@gmail.com
57	Dr. Binay Kumar	Faculty	drbinaymaths@gmail.com
58	Deepak	Student	deepakyadav00102@gmail.com
59	Dishant Kaushik	Student	dishant1901@gmail.com
60	Sachin Kurmi	Student	sachinkurmi6582@gmail.com
61	Ankita Chakraborty	Student	ankitachak6000@gmail.com
62	Ayush Sambher	Student	ayush.20043@sscbs.du.ac.in
63	vibhav vatsa	Student	vibhavvatsa@gmail.com
64	Mihir Chandna	Student	chandnamihir8@gmail.com
65	BISHAL SARMA	Student	sarmab2017@gmail.com
66	Monu	Student	monuraj1820@gmail.com
67	Shivam Ahuja	Student	shivahuja234@gmail.com
68	Priyanka	Student	mostlysanePriyanka@gmail.com
69	Sujit Kumar	Student	kumarsujit29013@gmail.com
70	Roopam	Student	royalroopamtiwari9812612612@gmail.com
71	Jayesh Adhikari	Student	jayesh.adhikari001@gmail.com
72	Johan J C	Student	chirackeljohan@gmail.com
73	Pragya Pathak	Student	prason18915@gmail.com
74	Ashutosh Barkataky	Student	barkatakyashutosh@gmail.com
75	Chetan Singh	Student	chetan6311@rla.du.ac.in
76	Abhishek Yadav	Student	abhishek0117yadav@gmail.com
77	Ritu Yadav	Student	rituyadav3812@gmail.com
78	Mandavi Kumari	Student	mandvikum2623@gmail.com
79	Devanshi	Student	devanship1412@gmail.com
80	Kartik singh	Student	kartiksingh1947@gmail.com
81	Mansi	Student	mansi6295@rla.du.ac.in
82	rishabh Jakhmola	Student	rishabhjakhmola2002@gmail.com
83	sangeeta meena	Student	sangeeta200211@gmail.com
84	Vyapti	Student	vyaptijha@gmail.com
85	Muskan Alam	Student	muskan.maths6276@rla.du.ac.in
86	Sumit Yadav	Faculty	sumityadav.bca2020@imsuc.ac.in
87	Lavanya Saini	Student	lavsaini2004@gmail.com
88	Nandita garg	Student	nanditagarg2002@gmail.com
89	Vishal Kumar	Student	205701044@gkv.ac.in
90	Kishan Garg	Student	kishangarg2004@gmail.com
91	Arjun	Student	arjunchaudhary682@gmail.com
92	Dr. Mainak Mukherjee	Faculty	mmukherjee@svc.ac.in
93	Manisha Manda	Student	manishamanda4@gmail.com
94	Ananya Sinha	Student	cottoncandee86@gmail.com
95	Dr. Mamta	Faculty	verma.mamta6@gmail.com
96	AYUSH KUMAR	Student	ayush.maths6227@rla.du.ac.in
97	Lydia olabisi	Student	lydia.olabisi233@gmail.com
98	Pratibha	Faculty	pratibha@svc.ac.in
99	Dr Ram Kishore yadav	Faculty	macramkishore.yadav@gmail.com
100	Mohammad Numair 12-C	Student	numair14444@gmail.com
101	Abitha. A	Student	abivava308@gmail.com
102	Darius Singh	Student	darius2121.ds@gmail.com

103	Aayush Raj	Student	aayushraj132003@gmail.com
104	Aakash Singh	Student	aakashsinghe33@gmail.com
105	Jaya Bharadwaj	Student	bharadwaj.jaya2501@gmail.com
106	Komal Kapoor	Student	kapoor.komal2001@gmail.com
107	Prerna Dumka	Student	prernadumka13@gmail.com
108	Kuldeep sharma	Student	kuldeep8410mtr@gmail.com
109	Ananya	Student	ananyamalhotra1234@gmail.com
110	Raghav Agrawal	Student	raghav.agrawal12122003@gmail.com
111	Manisha Thapliyal	Student	manishathapliyal583@gmail.com
112	Sachin Kumar	Student	sk3604738@gmail.com
113	Jaishree Godge	Student	jaishreegodge@gmail.com
114	SUSHIL PATHAK	Faculty	p20210042@hyderabad.bits-pilani.ac.in
115	tanuj bansal	Student	tanujbansal700@gmail.com
116	Nandini Singh	Student	1singhnan@gmail.com
117	Kusum Sharma	Student	kusumsharma662003@gmail.com
118	Ananya Sinha	Student	ananyasinha01@gmail.com
119	Dyuti Bajpai	Student	dyutibajpai05@gmail.com
120	Raman ..	Student	ramanbrarrb06@gmail.com
121	Vaishali Gupta	Student	vaishaligupta617@gmail.com
122	Kewal Mohapatra	Student	amkewal2002@gmail.com
123	Bharti Meena	Student	bhartimeena1712@gmail.com
124	Pritisha	Student	prishaball12@rediffmail.com
125	Abhinandan Kumar	Student	singhabhinandan805@gmail.com
126	Akash Reji	Student	rejiakash02@gmail.com
127	Lawanya Sharma	Student	lawanyasharma000@gmail.com
128	Palak	Student	palakchaudhary8003@gmail.com
129	Palak Chaudhary	Student	palakchaudhary8003@gmail.com
130	Alice Manav	Student	manavalice@gmail.com
131	Mohit Upadhayay	Student	upadhyaymohit482@gmail.com
132	Anjani Malik	Student	aanjanimalik@gmail.com
133	Brijesh Kishore Mishra	Student	brijesh6294@rla.du.ac.in
134	Kanchi Gupta	Student	kanchi1038@gmail.com
135	Ashmi .	Student	yadavashmi77@gmail.com
136	Vanshika Sirohi	Student	vanshikasirohi39@gmail.com
137	NIKITA AGRAWAL	Student	agrawalnikita2003@gmail.com
138	Dr. Abhay Kumar	Faculty	abhaykumar288@gmail.com
139	Soham Sharma	Student	sharmasoham22@gmail.com
140	Ruchika Gogia	Student	ruchikagogia17@gmail.com
141	Shahana khan	Student	khan.shahana5@gmail.com
142	Madhav Gupta	Student	guptamadhav681@gmail.com
143	Mohit Kumar	Student	mohit6255@rla.du.ac.in
144	SANJH	Student	evesolanki01@gmail.com
145	Ankit Singh	Student	ankitsingh7186@gmail.com
146	24_Rahul Das	Student	rdthegreat226@gmail.com
147	Akanksha	Student	akankshachy21@gmail.com
148	Amrit Kumar	Student	amritkumar2823@gmail.com
149	Sakshi Mahajan	Student	sakshimahajan295@gmail.com
150	Medha	Student	medhapande303@gmail.com
151	Disha Dash	Student	dishadash2002@gmail.com
152	Siddhi Agarwal	Student	siddhiagarwal001@gmail.com
153	Nilabh Kumar	Student	nilabhishere@gmail.com
154	Bharat Meena	Student	bharatlalmeena264@gmail.com
155	Bharat Lal Meena	Student	bharatlalmeena264@gmail.com
156	Saurav Tanwar	Student	sauravrajputpc@gmail.com
157	Kishan singh kaurav	Student	kishankaurav08@gmail.com
158	Pradyumna Borphukon	Student	pradyumnaborphukon@gmail.com
159	Akanksha Yadav	Student	akanksharao803@gmail.com
160	RIDAM KAPOOR	Student	ridamkapoor2003@gmail.com

161	Pranav Mittal	Student	pranavmittalcool463@gmail.com
162	Tapshi Lal	Faculty	tapshisingh@ymail.com
163	Kritika Saluja	Student	kritikasuja01@gmail.com
164	Prassanna Nand Jha	Student	prassannanandjha1@gmail.com
165	Manoj Kumar	Student	manoj.maths6233@rla.du.ac.in
166	Karthik Varma Nadimpalli	Student	nkarthikvarma18@gmail.com
167	prachi gupta	Student	prachigupta161@gmail.com
168	Chhavi Yadav	Student	chhaviyadav3032@gmail.com
169	Kunal Tomar	Student	tomarkunal2004@gmail.com
170	Abhishek Gupta	Student	kehsihba044@gmail.com
171	Vardaan	Student	vkwardaan120304@gmail.com
172	JATIN MANCHANDA	Student	jatin.maths6232@rla.du.ac.in
173	Raj Kumar	Student	kraj72259@gmail.com
174	Lokesh Agrawal	Student	lokeshagrawal4403@gmail.com
175	Lakshay	Student	lakshaysharmacs21@pgdav.du.ac.in
176	Ravi Sharma	Student	ravirathoresharma786@gmail.com
177	Jitesh Rahi	Student	jiteshrahi2002.10@gmail.com
178	Krishna Threja	Faculty	kthrejamaths@gmail.com
179	Anshul Thakur	Student	anshult2002@gmail.com
180	Arjun Singh	Student	arjunsinghkarakoti6395@gmail.com
181	JYOTI YADAV	Student	yadavjyoti2706@gmail.com
182	R. K.Budhraja	Faculty	rkbudhraja@svc.ac.in
183	P Naveen	Student	roynaveen70@gmail.com
184	Ansh Rastogi	Student	anshrastogi543@gmail.com
185	Anand Kumar	Student	s4886469@gmail.com
186	Mahipal Chaurasiya	Student	yash7266032076@gmail.com
187	Niharika Garg	Student	cuteniharikagarg@gmail.com
188	Vandana Yadav	Student	akvandana28@gmail.com
189	Faraz Ahmed	Student	shomedplay@gmail.com
190	Zayn	Student	zaynmehra2003@gmail.com
191	Anisha	Student	anishagulati100@gmail.com
192	Priyanshu Raj	Student	priyanshuraj82857@gmail.com
193	priyanshu yadav	Student	priyanshu.maths6273@rla.du.ac.in
194	Ipshita Kashyap	Student	kipshita21@gmail.com
195	Kritika Sharma	Student	kritikasharma.02072004@gmail.com
196	Akanksha Singh	Student	akanksha15sdav@gmail.com
197	Tanmay Singh Juneja	Student	tanmaysinghjuneja@gmail.com
198	Shivani Yadav	Faculty	shivaniyadav93@gmail.com
199	Prashasti Sharma	Student	prashastisharma225@gmail.com
200	Shalki Kumar	Student	shalkichaudhary2411@gmail.com
201	Raunak Raj	Student	raunaksingh61345@gmail.com
202	Poonam Sharma	Student	poonamsharma182003@gmail.com
203	Arushi Gandhi	Student	arushigandhi21@gmail.com
204	Sanjay Singh	Faculty	sanjay.214004@sggsc.ac.in
205	Nikita Jain	Student	nikitajain4007@gmail.com
206	Kavya Tomar	Student	kavyatomar712@gmail.com
207	2064 Hitesh Kumar	Student	hiteshchahar905@gmail.com
208	Akshit Katoch	Student	akshit6288@rla.du.ac.in
209	Rahul Thakur	Faculty	rahularya140@gmail.com
210	Gagan Deep Singh	Student	gagan.gds1803@gmail.com
211	Hemakshi 12A	Student	hemakshirakheja2003@gmail.com
212	VIVEK KUMAR	Student	vivek.maths6291@rla.du.ac.in
213	Sharma	Student	sharma.subrat03q4@gmail.com
214	kashish sharma	Student	sharmakashish1522@gmail.com
215	Nimish Singh	Student	singhnimish88@gmail.com
216	Anurag Maurya	Student	anuragmaurya2719@gmail.com
217	Poorvi Agarwal	Student	agarwalpoorvi05@gmail.com

218	SUMIT CLASSES	Student	klakshmi.10apr@gmail.com
219	Aman Kumar	Student	amankumar785ms@gmail.com
220	Hemant	Student	kumarshishir0123@gmail.com
221	Sajal Shukla	Student	sajalshukla332@gmail.com
222	jyotsna	Student	jyotsna2909@gmail.com
223	Rishabh Ray	Student	rishabhrray2926ns@gmail.com
224	Ashwini Balesra	Student	ashwinibalesramath20@pgdav.du.ac.in
225	Anurag Singh	Student	anuragsinghraika@gmail.com

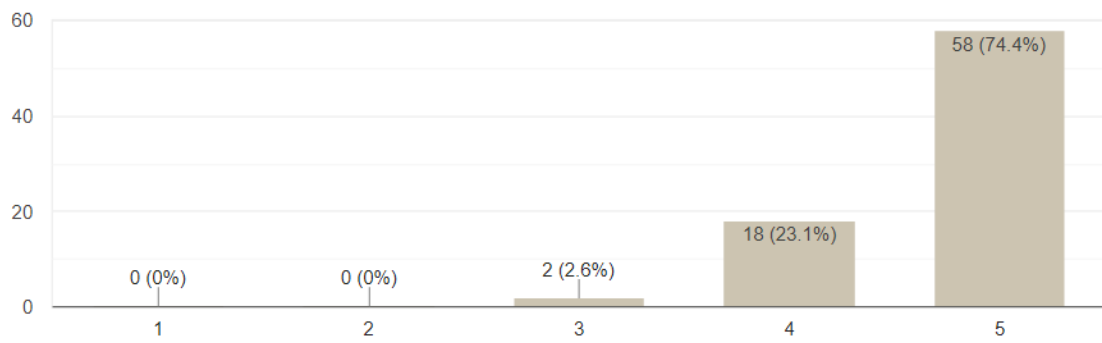
➤ **Feedback form analytics:**

- The feedback form was filled by **77** people which includes both students and faculty from different colleges and universities.
- **75.3%** gave the event a 5 out of 5 rating for their overall experience.
- **83.1%** of the respondents found the webinar to be immensely helpful by giving a 5 out of 5 rating.
- **75.3%** respondents found the event to be very interactive by rating it 5 out 5.
- **47.5%** respondents illustrated wrote about their learnings and take-aways from the webinar and also shared their experience in their own words.



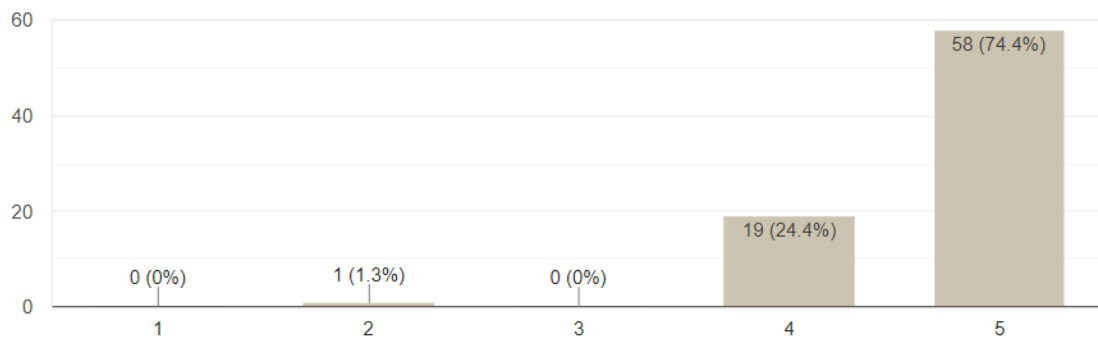
According to you, how much interactive was the webinar? (5 being the highest)

78 responses



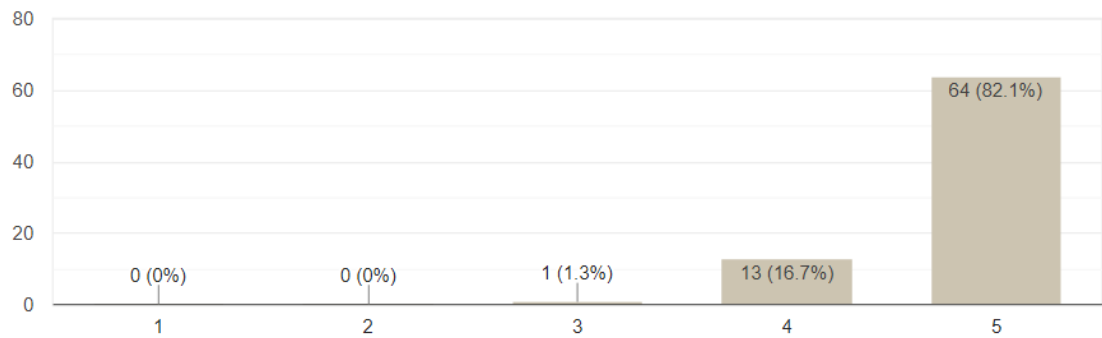
On a scale of 1 to 5 (5 being the highest), how was your overall experience?

78 responses



How helpful was the webinar? (5 being the highest)

78 responses





1961 - 2021

Himamala Tirupati Devasthanams

**Sri Venkateswara College**

(University of Delhi)

## **CERTIFICATE**

This is to certify that Mathemagical Symposium with Prof. Brian Winkel was successfully conducted on 11 January 2022 from 5:00 pm to 06:35 pm by Department of Mathematics in the Online mode and its event report has been submitted to IQAC for records.

*C. Gula Reddy*

**Principal**

PRINCIPAL  
Sri Venkateswara College  
Dhaura Kuan, New Delhi-110021

*Vaithyanathan*

**IQAC Coordinator**

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