



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



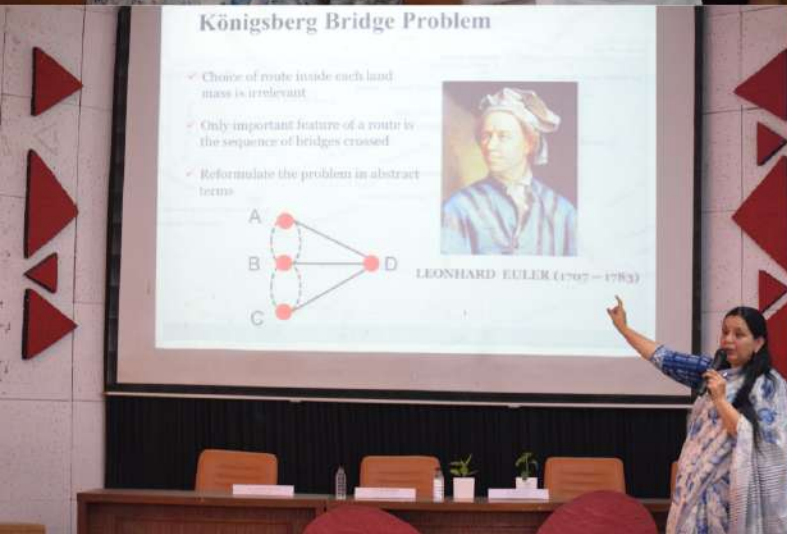
TEACHER IN-CHARGE
Dr Jeetendra Aggarwal

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PATRON
Prof Shiv Kumar Sahdev







Department of Mathematics

ANNUAL MATHEMATICS FESTIVAL - INFINITY'22

Dated : 11^h April, 2022

The annual fest "Infinity'22" of the Department of Mathematics was organized by Tesseract- The Mathematics Society of Shivaji College on April 11, 2022 in the college premises.

The festival began with two simultaneous competitions: Rangoli and Poster making. The participants created some incredible creations with a touch of mathematics in them.

The chief guest of the festival was Prof. Shobha Bagai, Cluster Innovation Centre, University of Delhi. The lamp lighting ceremony along with Goddess Saraswati vandana was held in the auditorium in the presence of all the faculty members and students of the department.

Prof. Shobha Bagai gave an insightful talk on a highly intriguing topic of graph theory called Road Colouring Problem which deals with synchronized instructions. The issue involves whether by using such instructions, one can reach or locate an object or destination from any other point within a network. The session was incredibly instructive and fascinating. Ma'am, discussed the issue using a variety of examples that made it much easier to comprehend. Students had questions at the end of the session, which were promptly addressed in the QnA round.

After the session, Principal, Prof. Shiv Kumar Sahdev graced the whole session with his presence, and TIC of Department of Mathematics- Dr. Jeetendra Aggarwal gave the esteemed guest a virtue of appreciation. It was a matter of pride for the department to launch the department's first annual newsletter *Read-O-Math* on this occasion. Students worked very hard to bring out this magazine.

Various activities such as the quiz competition, paper presentation, treasure hunt were held in which students participated with great zeal and enthusiasm. An amazing round of talent hunt was held where the students of the mathematics department showcased their talents such as singing, dancing, etc. All the winners of various competitions were then presented with the certificates and prizes at the end of the fest.

The event was a huge success due the combined efforts of the Student council and all the students of the department. Infinity'22 turned out to be an exemplary fest with a perfect ratio of knowledge, learning and fun.

**Report by
Dhruv**

Attendance List**Faculty Members**

S.No.	Name of the faculty	Designation	Department
1	Prof. Shiv Kumar Sahdev	Professor	Mathematics
2	Dr. Babita Gupta	Associate Professor	Mathematics
3	Dr. Aparna Jain	Associate Professor	Mathematics
4	Dr Mridula Budhraj	Associate Professor	Mathematics
5	Dr. Surbhi Madan	Associate Professor	Mathematics
6	Mr. Ashesh Kumar Jharwal	Assistant Professor	Mathematics
7	Dr Kumari Priyanka	Associate Professor	Mathematics
8	Dr. Shilpi Verma	Assistant Professor	Mathematics
9	Dr. Vandana	Assistant Professor	Mathematics
10	Mr Jitendra Singh	Assistant Professor	Mathematics
11	Mr Uttam Kumar Sinha	Assistant Professor	Mathematics
12	Mr Manish Kumar Meena	Assistant Professor	Mathematics
13	Dr. Neetu Rani	Assistant Professor	Mathematics
14	Dr. Jeetendra Aggarwal	Assistant Professor	Mathematics
15	Ms Deepti	Assistant Professor	Mathematics
16	Mr. Ankush	Assistant Professor	Mathematics
17	Mr. Mukesh Kumar	Assistant Professor	Mathematics
18	Mr. Nitesh Kumar	Assistant Professor	Mathematics
19	Ms. Soni	Assistant Professor	Mathematics
20	Ms. Sona Meena	Assistant Professor	Mathematics
21	Mr. Satish kumar	Assistant Professor	Mathematics
22	Dr Abdullah	Assistant Professor	Mathematics

Students

S.No.	Name of the Student	Course	Year
1	RAGHAV ANAND NATH	B.Sc.(H) Mathematics	I
2	PRANJALI AGGARWAL	B.Sc.(H) Mathematics	I
3	PRITESH KUMAR	B.Sc.(H) Mathematics	I
4	AARTI BAFILA	B.Sc.(H) Mathematics	I
5	GUNJAN MANRAL	B.Sc.(H) Mathematics	I
6	DEEPANSHU	B.Sc.(H) Mathematics	I
7	SIMRAN DAHIYA	B.Sc.(H) Mathematics	I
8	PRACHI BOHRA	B.Sc.(H) Mathematics	I
9	DEEPANSHU	B.Sc.(H) Mathematics	I
10	JISHAN	B.Sc.(H) Mathematics	I
11	AMIT	B.Sc.(H) Mathematics	I
12	ISHITA MISHRA	B.Sc.(H) Mathematics	I
13	RAKHI	B.Sc.(H) Mathematics	I
14	ARCHIT CHANDRA	B.Sc.(H) Mathematics	I
15	RUCHI PATEL	B.Sc.(H) Mathematics	I
16	NIKITA	B.Sc.(H) Mathematics	I
17	VIKASH	B.Sc.(H) Mathematics	I

18	KSHAMA PANDEY	B.Sc.(H) Mathematics	I
19	PRAYAG RAJ	B.Sc.(H) Mathematics	I
20	SHASHANK DANDRIYAL	B.Sc.(H) Mathematics	I
21	BHASKAR SWARUP	B.Sc.(H) Mathematics	I
22	ANKIT	B.Sc.(H) Mathematics	I
23	DEEPAK KUMAR	B.Sc.(H) Mathematics	I
24	ANKIT	B.Sc.(H) Mathematics	I
25	AMAN	B.Sc.(H) Mathematics	I
26	AMAY SHARMA	B.Sc.(H) Mathematics	I
27	SHIPRA MANGAL	B.Sc.(H) Mathematics	I
28	HARSHIT GAUR	B.Sc.(H) Mathematics	I
29	SURAJ YADAV	B.Sc.(H) Mathematics	I
30	KANIKA GUPTA	B.Sc.(H) Mathematics	I
31	VANSHIKA CHAUDHARY	B.Sc.(H) Mathematics	I
32	VISHAL	B.Sc.(H) Mathematics	I
33	TARUL	B.Sc.(H) Mathematics	I
34	PALAK JANGIR	B.Sc.(H) Mathematics	I
35	YUVRAJ	B.Sc.(H) Mathematics	I
36	HITESH	B.Sc.(H) Mathematics	I
37	KALIM AKHTAR	B.Sc.(H) Mathematics	I
38	VIKRANT GUSAIN	B.Sc.(H) Mathematics	I
39	ARYAN DEV	B.Sc.(H) Mathematics	I
40	TAMANNA	B.Sc.(H) Mathematics	I
41	SHALINI KUMARI KASHYAP	B.Sc.(H) Mathematics	I
42	TANYA	B.Sc.(H) Mathematics	I
43	ROHIT	B.Sc.(H) Mathematics	I
44	RAJNEESH KUMAR	B.Sc.(H) Mathematics	I
45	AKRIST OJHA	B.Sc.(H) Mathematics	I
46	PRABHAT KUMAR	B.Sc.(H) Mathematics	I
47	SHIVAM YADAV	B.Sc.(H) Mathematics	I
48	ADITYA KUMAR JEWLIYA	B.Sc.(H) Mathematics	I
49	SANVI RATHORE	B.Sc.(H) Mathematics	I
50	KALPAK PRASHANT KHOBRADE	B.Sc.(H) Mathematics	I
51	SACHIN KUMAR	B.Sc.(H) Mathematics	I
52	PRATHAM DEBBARMA	B.Sc.(H) Mathematics	I
53	RAVI KUMAR THAKUR	B.Sc.(H) Mathematics	I
54	SHIVAGYA SINGH SAINI	B.Sc.(H) Mathematics	I
55	YASH VERMA	B.Sc.(H) Mathematics	I
56	SRISHTI SINGH	B.Sc.(H) Mathematics	I
57	DHRUV ARORA	B.Sc.(H) Mathematics	I
58	HARIOM KUMAR SHARMA	B.Sc.(H) Mathematics	I
59	AYAN	B.Sc.(H) Mathematics	I
60	VAIBHAV BHATT	B.Sc.(H) Mathematics	I
61	TARANG SHARMA	B.Sc.(H) Mathematics	I

62	VISHWESH TIWARI	B.Sc.(H) Mathematics	I
63	SUMIT KUMAR	B.Sc.(H) Mathematics	I
64	NITISH KUMAR GUPTA	B.Sc.(H) Mathematics	I
65	MADHURI	B.Sc.(H) Mathematics	I
66	SUDHANSHU	B.Sc.(H) Mathematics	I
67	SATVIK RANA	B.Sc.(H) Mathematics	I
68	AYUSH GOYAL	B.Sc.(H) Mathematics	I
69	SAKSHI	B.Sc.(H) Mathematics	I
70	Anjali Upadhyay	B.Sc.(H) Mathematics	I
71	Shaurya Khetrapal	B.Sc.(H) Mathematics	I
72	Gaurabh Singh	B.Sc.(H) Mathematics	I
73	DISHA SHARMA	B.Sc.(H) Mathematics	I
74	CHINMAY SINGH	B.Sc.(H) Mathematics	I
75	AGAM KALRA	B.Sc.(H) Mathematics	II
76	AISHA CHOUDHARY	B.Sc.(H) Mathematics	II
77	AMAN	B.Sc.(H) Mathematics	II
78	AMAN KUMAR	B.Sc.(H) Mathematics	II
79	AMAN KUMAR	B.Sc.(H) Mathematics	II
80	AMAN NEGI	B.Sc.(H) Mathematics	II
81	AMIT GUPTA	B.Sc.(H) Mathematics	II
82	AMOGH KHANDELWAL	B.Sc.(H) Mathematics	II
83	AMRINDER SINGH	B.Sc.(H) Mathematics	II
84	ANAMIKA KUMARI	B.Sc.(H) Mathematics	II
85	ASHISH	B.Sc.(H) Mathematics	II
86	ASHUTOSH PANDEY	B.Sc.(H) Mathematics	II
87	BHAVISHYA PANGHAL	B.Sc.(H) Mathematics	II
88	BHUMIKA PANDEY	B.Sc.(H) Mathematics	II
89	CHETNA	B.Sc.(H) Mathematics	II
90	DAMINI YADAV	B.Sc.(H) Mathematics	II
91	DAVENDER	B.Sc.(H) Mathematics	II
92	DEEPAK UPADHYAY	B.Sc.(H) Mathematics	II
93	DEEPANSHU	B.Sc.(H) Mathematics	II
94	DHEERAJ KUMAR	B.Sc.(H) Mathematics	II
95	GREESHMA E	B.Sc.(H) Mathematics	II
96	HARSH GUPTA	B.Sc.(H) Mathematics	II
97	HARSH RAJ SONI	B.Sc.(H) Mathematics	II
98	HARSHITA KAUSHIK	B.Sc.(H) Mathematics	II
99	HARSHUL RATNOO	B.Sc.(H) Mathematics	II
100	HEMANT	B.Sc.(H) Mathematics	II
101	HIMANSHU	B.Sc.(H) Mathematics	II
102	HIMANSHU RAJ DIXIT	B.Sc.(H) Mathematics	II
103	ISHA	B.Sc.(H) Mathematics	II
104	ISHANT RAWAT	B.Sc.(H) Mathematics	II
105	JATIN PANWAR	B.Sc.(H) Mathematics	II

106	KAMAL NAYAN YADAV	B.Sc.(H) Mathematics	II
107	KANISHKA	B.Sc.(H) Mathematics	II
108	KASHIKA SATIJA	B.Sc.(H) Mathematics	II
109	KAVYA GANGWAR	B.Sc.(H) Mathematics	II
110	KHUSHBU ARORA	B.Sc.(H) Mathematics	II
111	KRISHAN KANHIYA	B.Sc.(H) Mathematics	II
112	KRITIKA SETHI	B.Sc.(H) Mathematics	II
113	KSHITIJ YADAV	B.Sc.(H) Mathematics	II
114	LAVANYA SHARMA	B.Sc.(H) Mathematics	II
115	MAHEK	B.Sc.(H) Mathematics	II
116	MAHIMA BAKSHI	B.Sc.(H) Mathematics	II
117	MANN CHAUDHARY	B.Sc.(H) Mathematics	II
118	MANPREET SINGH	B.Sc.(H) Mathematics	II
119	NEERU YADAV	B.Sc.(H) Mathematics	II
120	NIKHIL KUMAR	B.Sc.(H) Mathematics	II
121	PANKAJ KUMAR	B.Sc.(H) Mathematics	II
122	PARVEEN	B.Sc.(H) Mathematics	II
123	PARVESH	B.Sc.(H) Mathematics	II
124	PIYUSH TRIVEDI	B.Sc.(H) Mathematics	II
125	PRIYANSHU MEHTA	B.Sc.(H) Mathematics	II
126	RAHUL CHAURASIA	B.Sc.(H) Mathematics	II
127	RAHUL YADAV	B.Sc.(H) Mathematics	II
128	RAKESH RAJ	B.Sc.(H) Mathematics	II
129	RAKSHIT YADAV	B.Sc.(H) Mathematics	II
130	RITIKA KUSHWAH	B.Sc.(H) Mathematics	II
131	RIYA NAIN	B.Sc.(H) Mathematics	II
132	ROHIT KUMAR SAHU	B.Sc.(H) Mathematics	II
133	SHRESH SHARMA	B.Sc.(H) Mathematics	II
134	SHRUTI GUPTA	B.Sc.(H) Mathematics	II
135	SHUBH WALIA	B.Sc.(H) Mathematics	II
136	SHUBHAM KUMAR	B.Sc.(H) Mathematics	II
137	SIDHARTH	B.Sc.(H) Mathematics	II
138	SONU VERMA	B.Sc.(H) Mathematics	II
139	SOURAV BHARDWAJ	B.Sc.(H) Mathematics	II
140	VRITIKA	B.Sc.(H) Mathematics	II
141	YATIN JOHARWAL	B.Sc.(H) Mathematics	II
142	AASHISH	B.Sc.(H) Mathematics	III
143	ABHINAV SHUKLA	B.Sc.(H) Mathematics	III
144	ADARSH YADAV	B.Sc.(H) Mathematics	III
145	ADHYAN SAROJ	B.Sc.(H) Mathematics	III
146	AJAY BADHERA	B.Sc.(H) Mathematics	III
147	AJAY MALIK	B.Sc.(H) Mathematics	III
148	AMANPREET SINGH	B.Sc.(H) Mathematics	III
149	ANIMESH RANJAN	B.Sc.(H) Mathematics	III

150	ANITA	B.Sc.(H) Mathematics	III
151	ANKIT	B.Sc.(H) Mathematics	III
152	ANKIT KUMAR	B.Sc.(H) Mathematics	III
153	ANKIT YADAV	B.Sc.(H) Mathematics	III
154	ANKITA BHAT	B.Sc.(H) Mathematics	III
155	ANKITA SAINI	B.Sc.(H) Mathematics	III
156	ANMOL CHATURVEDI	B.Sc.(H) Mathematics	III
157	ANOMA BHARTI	B.Sc.(H) Mathematics	III
158	ANSH MISHRA	B.Sc.(H) Mathematics	III
159	ANSHAJ SRIVASTAVA	B.Sc.(H) Mathematics	III
160	ANUJ KUMAR	B.Sc.(H) Mathematics	III
161	ANUSHKA	B.Sc.(H) Mathematics	III
162	APURAV DAGAR	B.Sc.(H) Mathematics	III
163	ARUN KUMAR	B.Sc.(H) Mathematics	III
164	ARVIND	B.Sc.(H) Mathematics	III
165	ATUL YADAV	B.Sc.(H) Mathematics	III
166	AYUSHI MUDGAL	B.Sc.(H) Mathematics	III
167	BHAWNA	B.Sc.(H) Mathematics	III
168	BUNTY VERMA	B.Sc.(H) Mathematics	III
169	DARSHITA KUNIYAL	B.Sc.(H) Mathematics	III
170	DEV DUTT	B.Sc.(H) Mathematics	III
171	DHRUV PANDEY	B.Sc.(H) Mathematics	III
172	DILIP KUMAR	B.Sc.(H) Mathematics	III
173	DILKHUSH KUMAR YADAV	B.Sc.(H) Mathematics	III
174	DIVYANSH GUPTA	B.Sc.(H) Mathematics	III
175	GAURAV	B.Sc.(H) Mathematics	III
176	HIMANSHI SHADEJA	B.Sc.(H) Mathematics	III
177	ISHANA DHINGRA	B.Sc.(H) Mathematics	III
178	JUHI PANDEY	B.Sc.(H) Mathematics	III
179	JUMPI TASO	B.Sc.(H) Mathematics	III
180	JYOTI KHEDAR	B.Sc.(H) Mathematics	III
181	JYOTI SINGH	B.Sc.(H) Mathematics	III
182	KAILASH JANGIR	B.Sc.(H) Mathematics	III
183	KALPANA	B.Sc.(H) Mathematics	III
184	KHUSHBOO PANDEY	B.Sc.(H) Mathematics	III
185	KHYATI KUMAR	B.Sc.(H) Mathematics	III
186	KM. PRIYA JOSHI	B.Sc.(H) Mathematics	III
187	KRISHNAKANT BANJARE	B.Sc.(H) Mathematics	III
188	LAMNGANBA LOUREMBAM	B.Sc.(H) Mathematics	III
189	MAHI CHANDHOK	B.Sc.(H) Mathematics	III
190	MANSHI SHARMA	B.Sc.(H) Mathematics	III
191	NEERAJ MEENA	B.Sc.(H) Mathematics	III
192	NEHA	B.Sc.(H) Mathematics	III
193	NIKHIL KUMAR	B.Sc.(H) Mathematics	III

194	NILESH YADAV	B.Sc.(H) Mathematics	III
195	NISHANT JAWLA	B.Sc.(H) Mathematics	III
196	NITIN GUPTA	B.Sc.(H) Mathematics	III
197	PIKESH PANDEY	B.Sc.(H) Mathematics	III
198	PIYUSH CHAND	B.Sc.(H) Mathematics	III
199	PIYUSH DAHIYA	B.Sc.(H) Mathematics	III
200	PRADEEP SINGH	B.Sc.(H) Mathematics	III
201	PRIYA BENIWAL	B.Sc.(H) Mathematics	III
202	PRIYA KASHYAP	B.Sc.(H) Mathematics	III
203	PRIYAL	B.Sc.(H) Mathematics	III
204	PUNIT KUMAR	B.Sc.(H) Mathematics	III
205	RICHA	B.Sc.(H) Mathematics	III
206	RITIK	B.Sc.(H) Mathematics	III
207	RITIK	B.Sc.(H) Mathematics	III
208	RITU	B.Sc.(H) Mathematics	III
209	ROSHAN KUMAR	B.Sc.(H) Mathematics	III
210	SACHIN AZAD	B.Sc.(H) Mathematics	III
211	SAHIL KASHYAP	B.Sc.(H) Mathematics	III
212	SAHIL KHAN	B.Sc.(H) Mathematics	III
213	SAHIL KUMAR	B.Sc.(H) Mathematics	III
214	SAMRIDHI SALUJA	B.Sc.(H) Mathematics	III
215	SAMRITTE SHARMA	B.Sc.(H) Mathematics	III
216	SANIKA SUNIL	B.Sc.(H) Mathematics	III
217	SANJAY GULERIYA	B.Sc.(H) Mathematics	III
218	SARWAR JEPH	B.Sc.(H) Mathematics	III
219	SAURABH BRAR	B.Sc.(H) Mathematics	III
220	SHIWANGI GANGWAR	B.Sc.(H) Mathematics	III
221	SHREY MISHRA	B.Sc.(H) Mathematics	III
222	SHREYASH SINGH	B.Sc.(H) Mathematics	III
223	SHRUTI DUGGAL	B.Sc.(H) Mathematics	III
224	SOURABH KUMAR	B.Sc.(H) Mathematics	III
225	SUMESH GOSWAMI	B.Sc.(H) Mathematics	III
226	SUMIT KUMAR UPADHAYAY	B.Sc.(H) Mathematics	III
227	SUYESH PATHAK	B.Sc.(H) Mathematics	III
228	TILAK RAJ MEENA	B.Sc.(H) Mathematics	III
229	UJJWAL	B.Sc.(H) Mathematics	III
230	UMESH KUMAR	B.Sc.(H) Mathematics	III
231	VAISHNAVI RATHI	B.Sc.(H) Mathematics	III
232	VINAY RAWAT	B.Sc.(H) Mathematics	III
233	VIVEK RAJ EKKA	B.Sc.(H) Mathematics	III
234	VRINDA	B.Sc.(H) Mathematics	III
235	YOGESH	B.Sc.(H) Mathematics	III