

DEPARTMENT OF MATHEMATICS

About the Department

The Department of Mathematics aims at providing in-depth knowledge of the subject which enables students to pursue their career in a diverse range of fields like banking, civil services, corporate sector, actuarial sciences, teaching, research and many more. For the overall development of students, a varied range of activities are organized which includes talks, seminars, workshops, quizzes, field visits, excursions and fun events.

Teacher In-Charge: Dr. Ritu Arora

Association In-Charges: Ms. Geetanjali Raiya, Mr. Shankar

Activities 2023-2024

Orientation Session for B. Sc. (Hons.) Mathematics I Year

The Department of Mathematics, Janki Devi Memorial College, University of Delhi organized its "Orientation Programme" for the first-year students of B.Sc. (H) Mathematics (Batch 2023–2027) on August 17, 2023, at 10:00 A.M. in Room No. 14.

The orientation commences with a brief video showcasing highlights of the college and department's activities. All the students were briefed about the department's faculty members and different college societies by Student's Union Members.

Dr. Sharda Sharma Gautam, our senior faculty member, and Dr. Ritu Arora, the Teacher-in-Charge of the Department of Mathematics, provided students with crucial information regarding the college's rules and regulations. Dr. Tanu Gupta and Ms. Sonia explained the framework of the National Education Policy (NEP) to students and encouraged students to ask questions, and the Mathematics Department's faculty members were available to address their queries.

The first-year students received a warm welcome from both their peers and the faculty members, who extended their heartfelt greetings and best wishes for a fulfilling experience in the Mathematics department at Janki Devi Memorial College.

The orientation saw active participation from 55 students and proved to be highly engaging and interactive.

Objective - The objective of first-year orientation is to help new students transition smoothly into college life by providing essential information, resources, and support to ensure their academic and personal success.

Learning Outcome - The learning outcome of the first-year orientation is to equip students with essential information, resources, and a sense of belonging to successfully navigate their academic journey and campus life.

Janki Devi Memorial College
(University of Delhi)

Accredited with Grade A+ by NAAC

Department of Mathematics

Cordially invites you to

Orientation Program
(Batch of 2023-2027)

17th August, 2023 (Thursday)

10:00 AM Onwards

Room No. 14

Mandatory for First Year Students

Ms. Geetanjali Raiya
Mr. Shankar
(Association Incharge)

Dr. Ritu Arora
(Teacher-In-Charge)

Prof. Swati Pal
(Principal)

जानकी देवी मेमोरियल कॉलेज
(दिल्ली विश्वविद्यालय)

नैक द्वारा ए+ प्रत्यायित

गणित विभाग

आपको सादर आमंत्रित करता है

उन्मुखीकरण कार्यक्रम
(2023-2027 बैच)

17 अगस्त, 2023 (गुरुवार)

सुबह 10 बजे से

कमरा नंबर 14

*** प्रथम वर्ष की छात्राओं के लिए अनिवार्य ***

सुश्री गीतांजलि रैया
श्री शंकर
(संगठन प्रभारी)

डॉ. ऋतु अरोड़ा
(प्रभारी शिक्षिका)

प्रो. स्वाति पाल
(प्राचार्या)





Attendance Sheet

BSc (Hons) Mathematics (1st Year)

Serial No.	Section A	signature
1	Suhani Goel	Suhani
2	Varshika Gousin	Varshika
3	Priyanka Sharma	Priyanka
4	Rohini Bansal	Rohini
5	Sarika Yadav	Sarika
6	Sakshi Sharma	Sakshi
7	Saswati Priyadarshini Bank	Saswati
8	Isha Kumari	
9	Aprajita Gupta	
10	Khushboo Saugat	
11	Priya Datta	
12	Nandni	Nandni
13	Garima Singh	
14	Shweta Devi	
15	Shreya Chaurasia	
16	Vaishnavi	
17	Sakshi Singh	
18	Hemlata yadav	
19	Lavanya R	
20	Gaurangi sharma	
21	Pratinya Khaterpa	
22	Kanika Aggarwal	
23	Simran	
24	Ayushi Pal	
25	Shatakshi	
26	Aparna Rana	
27	Kritika Pant	
28	Anushka gupta	
29	Tejshri Yadav	
30	Mehak Taktar	
31	Kanchan	
32	Yamini Sharma	
33	Arkita Sharma	
34	Parisha Sharma	
35	Anamika Kumari	
36	Swasti Sharma	
37	Archi Bhatia	
38	Khushi Sahni	
39	Nishi Chaudhary	
40	Srishti Chaudhry	
41	Khushboo	
42	Aashi	

- 43 Raveena Nigam
- 44 Astha Divedi
- 45 Khushi Sonkar
- 46 Sukanya Chakraborty

Khushi

Serial No.	section B	signature
1	Vanshika Pal	Vanshika
2	Shivani Pandey	
3	Priyanka Joshi	Priyanka
4	Muskan	
5	Faria Aziz	
6	Tamanna	Tamanna
7	Himanshi Rohra	Himanshi
8	Jyoti Pradhan	
9	Ashmita	Ashmita
10	Varnika Sharma	
11	Diya Yadav	
12	Priya Kumari	
13	Tuba Parvez	Tuba Parvez
14	Sajal Yadav	
15	Khushi Rawat	Khushi
16	Disha Bansal	
17	Maanya Khanna	
18	Rishita Gupta	Rishita
19	Palak	
20	Meenal Agrawal	
21	Manisha Poonia	
22	Ruhanika	Ruhanika
23	Aashi Mittal	Aashi
24	Jannat batra	
25	Swamanki Das	Swamanki
26	Archita	Archita
27	Pragya Arora	
28	Prakriti	Prakriti
29	Chahek	Chahek
30	Manisha Gupta	Manisha
31	Deepa	
32	Shafaq Yousuf	Shafaq
33	Vamit Jain	Vamit
34	Tanisha Sharma	Tanisha
35	Kirti Singh	
36	Anshika Sharma	Anshika
37	Suchitra Arora	Suchitra Arora
38	Danica Ahluwalia	
39	Ananya	Ananya
40	Kirtika rai	Kirtika
41	Harshita	
42	Komal Yadav	Komal

43	Khushi Saini	Khushi
44	Lakshita	Lakshita
45	Nidhi	
46	Priya Sharma	

Extension and Outreach Activities

A sum of 2500 Indian Rupees was transferred to Avani - The Environment Club as a contribution from the Mathematics Department for the Flood Relief Drive. This initiative was organized by Avani - The Environment Club in partnership with GOONJ. The collection drive continued until July 31, 2023.

Proof of transaction

[← Back](#)

Transaction details



AVANI

8594101053236@CNRB0008594.ifsc.n

pci

SUCCESS

₹2500.00

Transaction ID:	321111758114
Customer name:	AVANI
Date:	30th Jul 2023
Time:	11:47 AM
Remarks:	Maths Department JDMC
Debit account:	XXXXXX0117

Extension and Outreach Activities

A sum of Rs. 2000 was allocated to Vendor Deepak Gupta as a contribution from the Mathematics Department toward the Community First Initiative, which falls under the purview of the IQAC at JDMC and is facilitated by the Centre for Extension and Outreach Activities. This initiative was carried out in partnership with the Robin Hood Army and was part of the Mission Swadesh campaign. The distribution drive continued until February 14, 2023.

Proof of transaction

4:47 12%

[Back](#) Transaction details

 DEEPAK KUMAR GUPTA
02822191012642@PUNB0028210.ifsc.
npci
SUCCESS ₹2000.00

Transaction ID:	321016233024
Customer name:	DEEPAK KUMAR GUPTA
Date:	29th Jul 2023
Time:	04:47 PM
Remarks:	Mathematics Department JDMC
Debit account:	XXXXXX0117



Orientation Session for B. Sc. (Hons.) Mathematics I Year (For Electives of Semester III NEP)

Department of Mathematics, Janki Devi Memorial College, University of Delhi in collaboration with the NEP Implementation Committee under the aegis of IQAC organized an Orientation programme on 04-07-2023 at 12 noon for II year students of B.Sc.(H) Mathematics in room no. 14 to apprise students about the papers offered as DSE, GE, SEC, and VAC in 3rd semester.

At the beginning of the event, students were informed about the structure of the 3rd semester under UGC scheme by our TIC Dr. Ritu Arora, Dr. Tanu Gupta and Ms. Sonia. They were also informed about the pool of DSE, GE, SEC and VAC papers available to them in 3rd semester. After that Mr. Laxmi Kant, Mr. Vikendra Singh and Mr. Shankar gave brief descriptions about DSE papers and Dr. Rakesh, Ms. Geetanjali Raiya, Dr. Anuradha, Mr. Vikendra Singh, Dr. Manish Chauhan and Dr. Narayan Singh explained about SEC and VAC options. The session was attended by 51 students.

At the end, students addressed the concerned teacher with their concerns over the available papers. It ended up being an engaging session.

Objective - To give students a brief description about options in subjects of DSE, SEC and VAC so that they can choose papers after analyzing their importance and significance for them in the future.

Learning Outcome - Students got a clear understanding of the subjects to choose in 3rd semester.

Poster

Janki Devi Memorial College
(UNIVERSITY OF DELHI)
Accredited with Grade A+ by NAAC

Department of Mathematics
in collaboration with the
NEP Implementation Committee
under the aegis of IQAC
Presents

Orientation Program
(Batch of 2022-2026)

For the upcoming
Second Year under NEP

4th July, 2023 (Tuesday)
12:00 PM
Room No. 14

***Mandatory for First Year Students ***

Ms. Teena Kohli
Ms. Geetanjali Raiya
(Association Incharge)

Dr. Ritu Arora
(Teacher-In-Charge)

Prof. Swati Pal
(Principal)

जानकी देवी मेमोरियल कॉलेज
(दिल्ली विश्वविद्यालय)
नैक द्वारा ए+ प्रत्यायित

आई क्यू ए सी के तत्वाधान में
गणित विभाग
एन ई पी कार्यान्वयन समिति
के सहयोग से
प्रस्तुत करता है

उन्मुखीकरण कार्यक्रम
(2022-2026 बैच)
एन ई पी के तहत आगामी
द्वितीय वर्ष के लिए

4 जुलाई, 2023 (मंगलवार)
दोपहर 12 बजे
कमरा नंबर 14

***प्रथम वर्ष की छात्राओं के लिए अनिवार्य ***

सुश्री टीना कोहली
सुश्री गीतांजलि रैया
(एसोसिएशन प्रभारी)

डॉ. ऋतु अरोड़ा
(प्रभारी शिक्षिका)

प्रो. स्वाति पाल
(प्राचार्या)

Attendance Sheet

ORIENTATION PROGRAM			
4th July 2023			
SECTION A			
SNO.	Name	Roll no.	Attendance
1	Khushboo	5	Khushboo
2	Prakriti	31	Prakriti
3	Ekta	183	Ekta
4	Shreya Priy	203	Shreya
5	Anshika verma	260	Anshika
6	Sukanya Datta	417	Sukanya
7	Shailvi	442	Shailvi
8	Ridhima Chaudhary	446	Ridhima
9	Shivangi	511	Shivangi
10	Shivani	570	Shivani
11	Nidhi Patel	591	Nidhi
12	Swati Kumari	740	Swati
13	Bhavna	754	Bhavna
14	Himanshi	757	Himanshi
15	Sneha narula	764	Sneha
16	Diksha	770	Diksha
17	Kajal saini	775	Kajal
18	Aruna	1017	Aruna
19	Khushi kaintura	1300	Khushi
20	Ruwab	1304	Ruwab Ansi
21	Pragati Thakur	1306	Pragati
22	Rubi	1307	Rubi
23	Sanskriti	1317	Sanskriti
24	Deepti	1392	Deepti
25	Yashvi Mandloi	1399	Yashvi
26	Astha singh	1425	Astha
27	Pooja kumari	1474	Pooja
28	Shuva Chakraborty	1492	Shuva
29	Disha Pawar	1495	Disha
30	Dhilna nasrin	1496	Dhilna
31	Shruti rawat	1520	Shruti
32	Anjali kumari	1521	Anjali
33	Anjali	1522	Anjali
34	Nitika	1563	Nitika
35	Jyoti	1606	Jyoti
36	Shruti Kumari	1620	Shruti
37	Riddhi	1633	Riddhi
38	Nawa Arshad	1634	Nawa
39	Taniya Tomar	1636	Taniya
40	Pari Singhal	1638	Pari
41	Sakshi	1669	Sakshi
42	Sweety	1698	Sweety
43	Ayushi	1783	Ayushi
SECTION B			
44	Priyanka	10	
45	AKANKSHA RAWAT	21	
46	ISHAKA BHATI	181	
47	SHALU	280	Shalu
48	Pari khanna	445	Pari

49	Manya Tandon	447	Manya
50	Vanshika Jain	484	Vanshika
51	Shalini	496	Shalini
52	SHWETA VERMA	584	
53	Shruti Gaur	588	Shruti
54	Shivanshi Dey	727	Shivanshi
55	SOMYA BHATIA	739	
56	PRIYA RANI	752	Priya
57	JYOTI	762	
58	HARSHITA BHARDWAJ	769	
59	Artee Singh	772	Artee
60	Layna Parihar	949	Layna
61	KAAVYA KHURANA	1015	
62	ASRA MIRZA	1028	
63	SHRADDHA SINGH	1062	Shraddha
64	Aparna Kumari	1084	
65	Anshika Yadav	1287	
66	Sonal Bansal	1298	
67	Anushri Saxena	1305	Anushri
68	HIMANSHI	1313	
69	YASHVI	1318	
70	Rashmi Singh	1339	Rashmi Singh
71	Sanya sharma	1405	
72	ROSHNI ZAKARIA	1407	
73	Himanshi sahu	1447	
74	Khushboo Singh	1448	
75	Aditi Bisht	1466	
76	Khushi Tiwari	1470	
77	KALPANA SINGH	1502	Kalpana Singh
78	KHUSHI KUMARI	1507	Khushi
79	Anjali Yadav	1597	
80	NUKTA KAUSHAL	1607	
81	ANJALI GUPTA	1635	Anjali Gupta
82	Rahima	1654	
83	PRIYANKA	1655	
84	TANZIL JAIN	1660	
85	AFIFA KHALID	1696	Afifa
86	UARVASHI	1697	Uarvasi
87	KAPHEE	1657	Kaphee
88	PREETY OJHA	1713	
89	Sneha Kumari	1773	Sneha Kumari

Some Glimpses of the Orientation Program





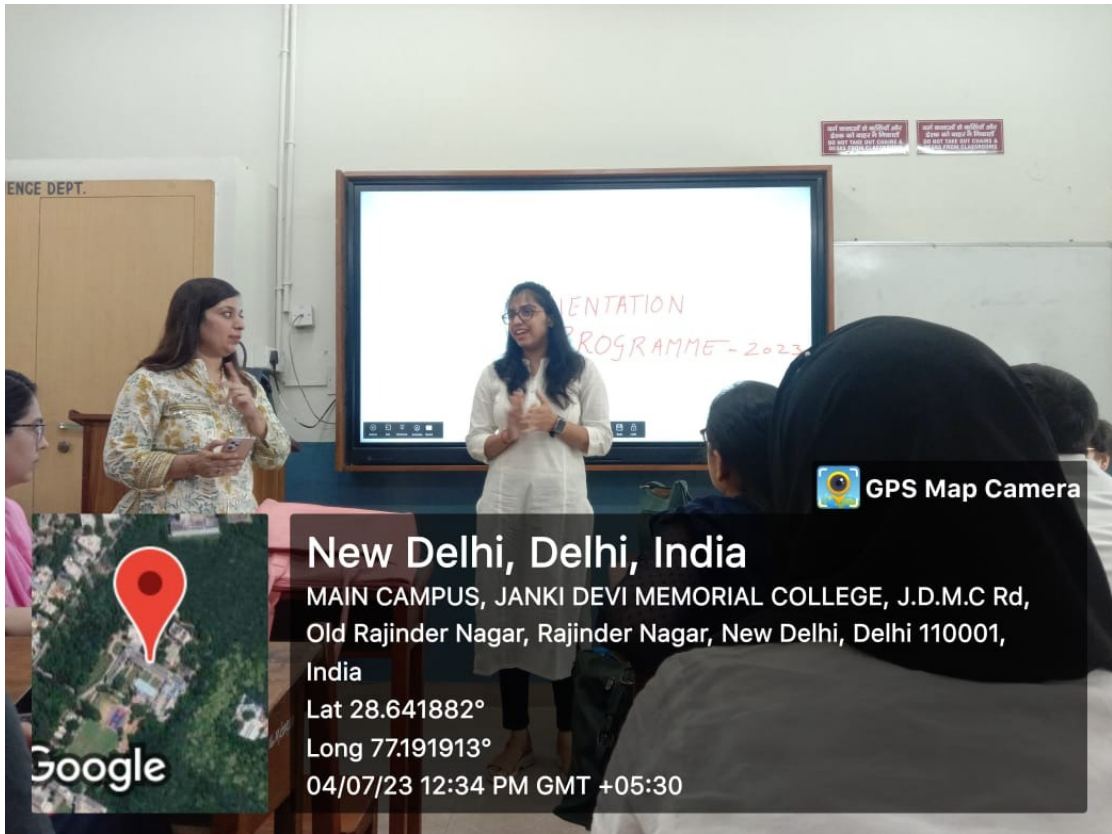
New Delhi, Delhi, India

ADMIN BLOCK, JANKI DEVI MEMORIAL COLLEGE, Old
Rajinder Nagar, Rajinder Nagar, New Delhi, Delhi 110001,
India

Lat 28.641493°

Long 77.192072°

04/07/23 12:15 PM GMT +05:30



Orientation Session for B. Sc. (Hons.) Mathematics III Year (For DSE options in Semester V)

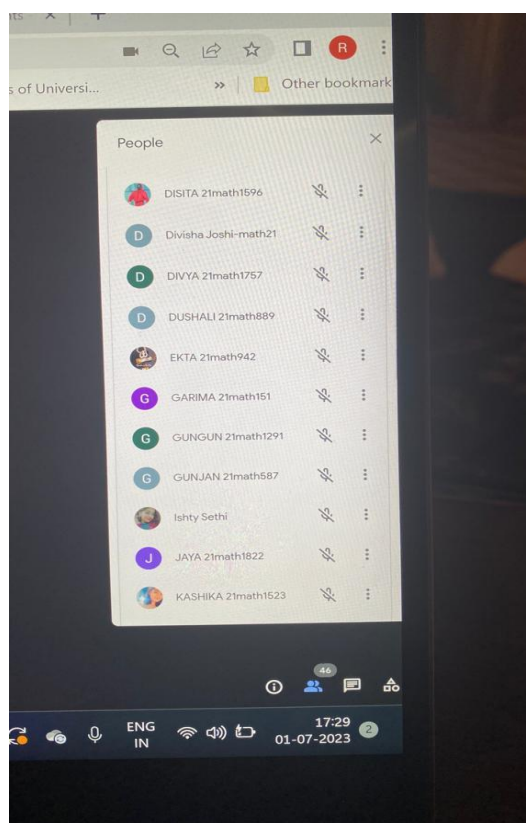
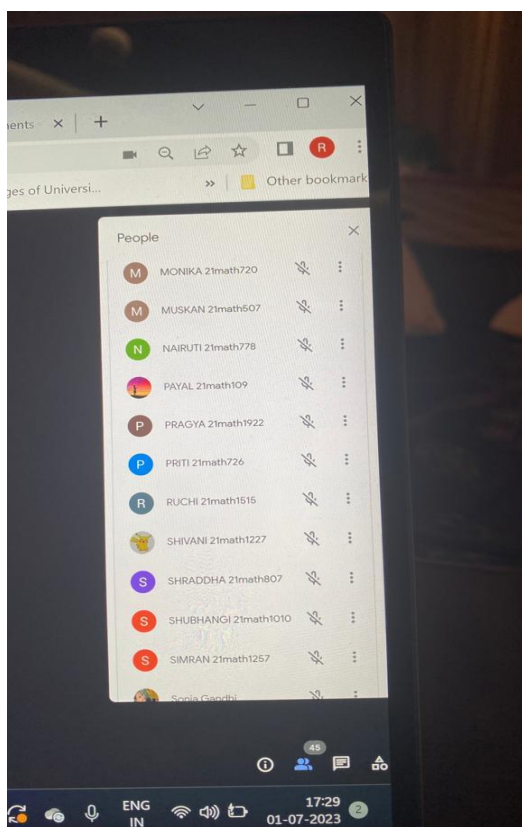
An online meeting to apprise students of B.Sc. (Hons) Mathematics II year about the DSE options in Semester 5 was held on July 1, 2023 at 5 PM. Dr. Ritu Arora, Ms. Teena Kohli, Mr. Laxmi Kant, Dr. Tanu Gupta, Ms. Sonia and Ms. Chanpreet Kaur informed students about the papers offered as DSE-1 and DSE- 2 options and explained in detail the contents of the papers offered.

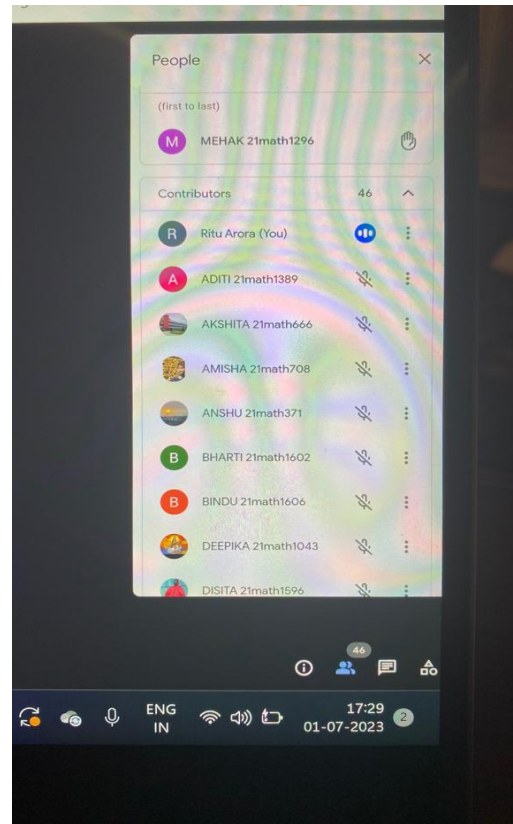
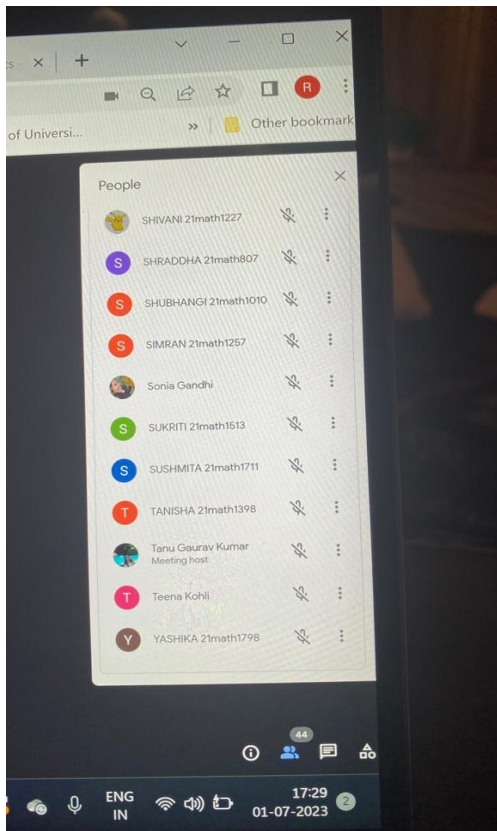
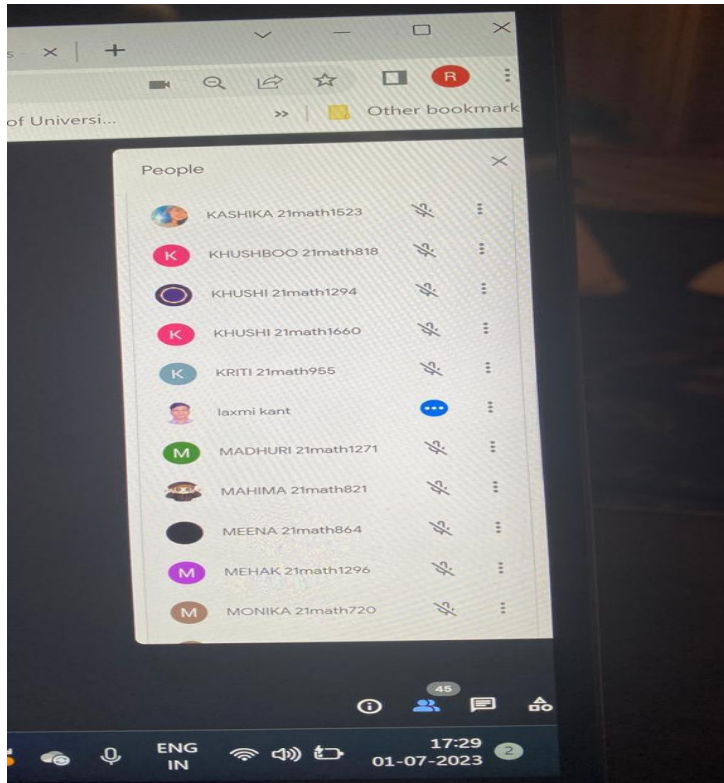
At the end, queries of the students were solved and a link of DSE option form was floated after the meeting.

The meeting was attended by about 50 students.

Objective - To give students a brief description about options in subjects of DSE-1 and DSE-2 options.

Learning Outcomes - Students have some clear understanding of the DSE subjects to choose in next semester.





Online Talk - Maryam Mirzakhani some glimpses for her life, work and Applications in Mathematics

Department of Mathematics, Janki Devi Memorial College, University of Delhi in collaboration with Indian women and Mathematics (IWM) and CWM (Committee for Women in Mathematics) successfully organized an online talk on "Maryam Mirzakhani: Some glimpses of her life, work and applications in Mathematics" to celebrate women in Mathematics on 12th May, 2023 at 2:00 p.m.

At the beginning of the event, all the participants were motivated by our TIC Dr. Ritu Arora. Participants were apprised about Maryam Mirzakhani, the first woman Field's medal winner and her work, life etc. by our speaker Prof. Geetha Venkataraman from Dr. B. R. Ambedkar University Delhi. Around 80 participants attended this event.

At the end, students asked their queries which were taken care of by Prof. Geetha Venkataraman. It turned out to be an interactive and informative session.

Objective: to reminisce about Maryam Mirzakhani - her life, work and Applications in Mathematics.

Mathematical applications: the applications of mathematics in real life like the CT scan, the radon transformation, Schema of encryption and decryption, Key exchange and cryptography

Learning outcome: we learned about Maryam Mirzakhani's life, her work and the Applications of Mathematics.

Poster of the event

JANKI DEVI MEMORIAL COLLEGE
(UNIVERSITY OF DELHI)
Department of Mathematics
Presents an online talk on
Maryam Mirzakhani
Some Glimpses of her life, work and Applications of Mathematics

to celebrate Women in Mathematics

Resource Person
Prof. Geetha Venkataraman
Dr B. R. Ambedkar University Delhi

12th May, 2023 2:00 pm
(Login time : 1:45)

<https://us06web.zoom.us/j/83063010806?pwd=Sm5ER1A1dHo0UnRZ21PbUZlWVNNdz09>

Ms Teena Kohli
Dr. Arti Sharma
(Co-ordinators)

Dr. Ritu Arora
(Teacher In-charge)

Prof. Swati Pal
(Principal)

जानकी देवी मेमोरियल कॉलेज
(दिल्ली विश्वविद्यालय)
गणित विभाग
एक ऑनलाइन वार्ता प्रस्तुत करता है
मरियम मिर्ज़ाकानी
उनके जीवन, कार्य और गणित में अनुप्रयोगों की कुछ झलकियाँ

गणित में महिलाओं का उत्सव मनाने के लिए

विशेषज्ञ
प्रो. गीता वेंकटरमन
डॉ. बी.आर. अम्बेडकर विश्वविद्यालय, दिल्ली

12 मई, 2023 2:00 बजे
(प्रवेश समय : 1:45)

<https://us06web.zoom.us/j/83063010806?pwd=Sm5ER1A1dHo0UnRZ21PbUZlWVNNdz09>

सुश्री टीना कोहली
डॉ. आरती शर्मा
(समन्वयक)

डॉ. ऋतु अरोड़ा
(प्रभारी शिक्षिका)

प्रो. स्वाति पाल
(प्राचार्या)

Glimpses of the programme:



Prof. Geetha Venkataraman explaining about contributions of Maryam Mirzakhani in Mathematics



Prof. Geetha Venkataraman explaining about the importance of women in Mathematics



Prof. Geetha Venkataraman taking up queries of the participants



The gathering at the online talk on Maryam Mirzakhani