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. Sharda Sharma Gautam

Association In-Charges: Dr. Amarjeet Singh, Dr. Mukta Garg

Tenure: 2021-2023

Activities 2021-2022

3-DAY WORKSHOP ON MS WORD, MS EXCEL AND MS POWERPOINT

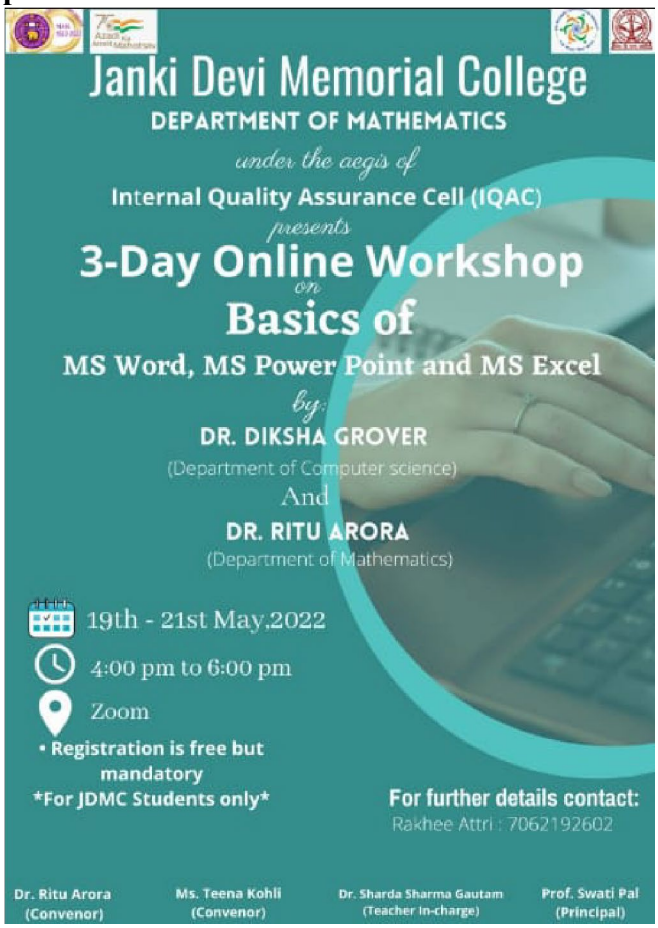
Convenors:

- Dr. Ritu Arora
  Department of Mathematics
  Janki Devi Memorial College
  University of Delhi
- Ms. Teena Kohli
  Department of Mathematics
  Janki Devi Memorial College
  University of Delhi

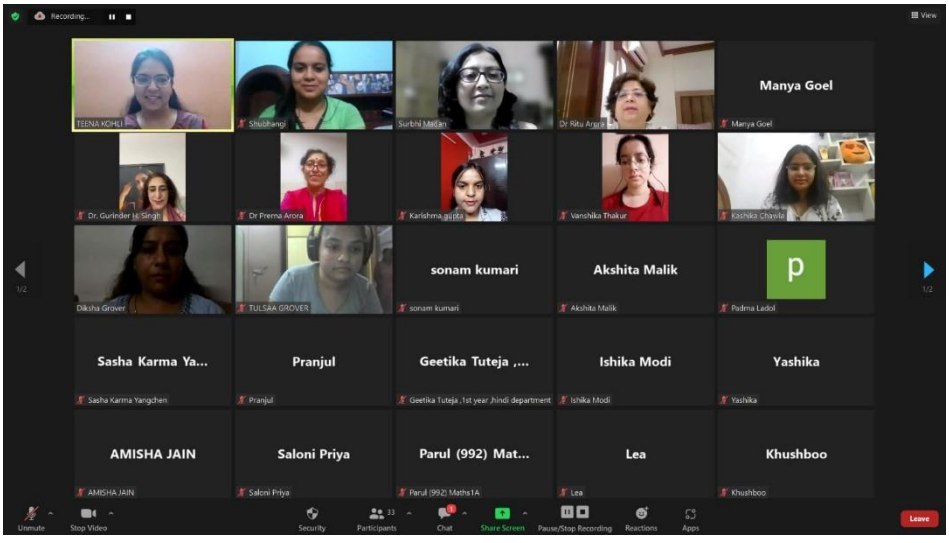
Department of Mathematics, Janki Devi Memorial College, University of Delhi organized a 3-Day Online Workshop under the aegis of IQAC on the topic "Basics of MS Word, MS PowerPoint and MS Excel" from 19th May to 21st May, 2022. The workshop began with an inauguration ceremony on 19th May 2022 with a welcome address by Dr. Sharda Sharma Gautam, Teacher In-Charge, Department of Mathematics. The resource persons for the workshop were Dr. Diksha Grover and Dr. Ritu Arora. Dr. Diksha explained about MS Word and MS PowerPoint efficiently and Dr. Ritu Arora explained about MS Excel and it's working. It was concluded with a vote of thanks by Ms.

Teena Kohli, Convenor of the workshop on a valedictory ceremony held on 22nd May 2022. The workshop was a great success and was well attended by more than 50 participants.

Poster of the workshop

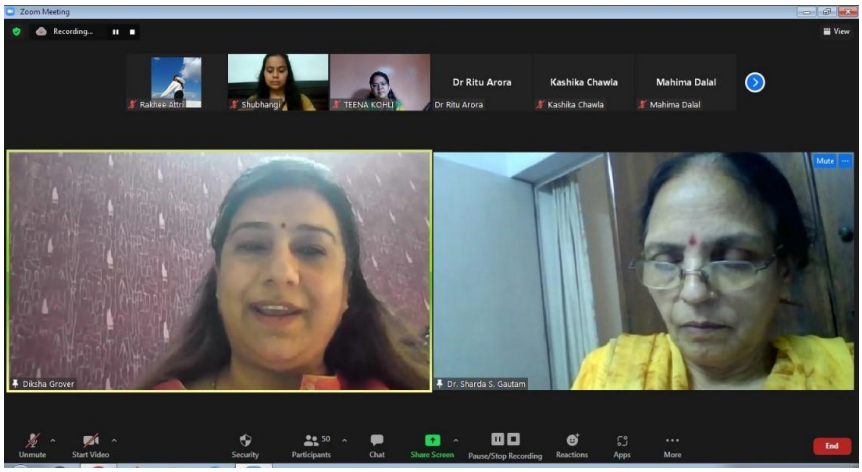


Some glimpses of the workshop

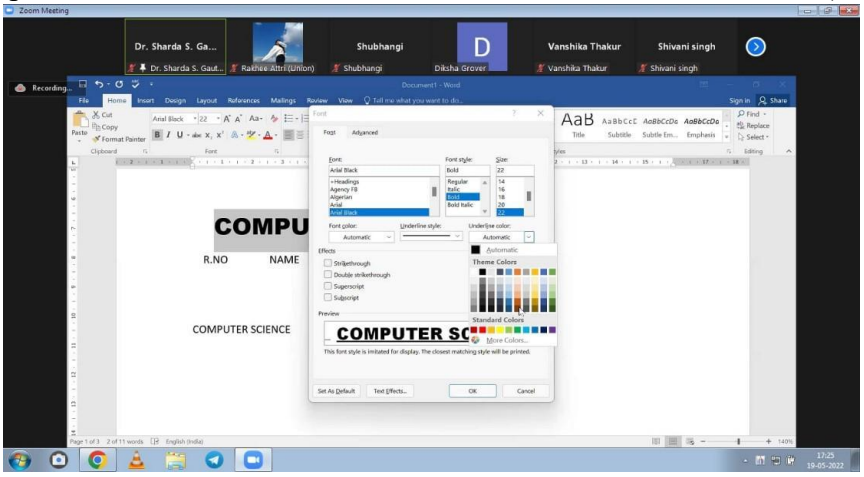


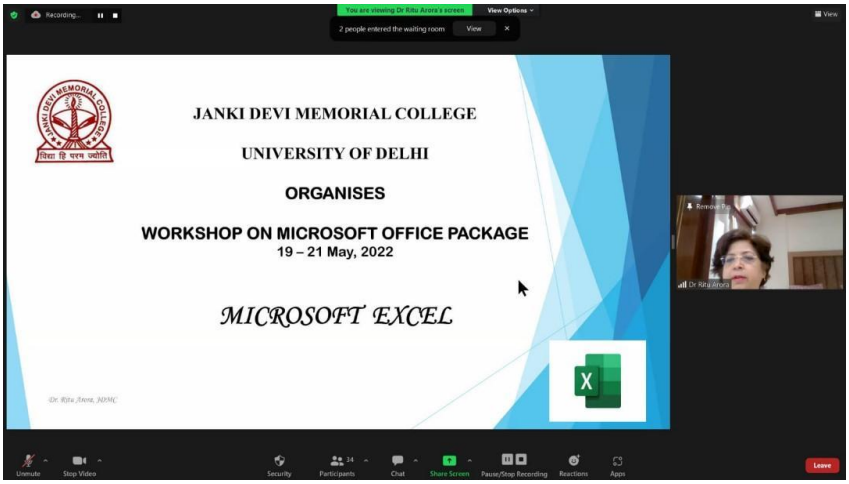
Gathering at the workshop(22-05-2022)

Convenors of the workshop Dr. Ritu Arora and Ms. Teena Kohli



Speaker-Dr. Diksha Grover and TIC-Dr. Sharda Sharma Gautam(19-05-2022)





Speaker-Dr. Ritu Arora explaining about MS Excel(22-05-2022)

Departmental Farewell' 2022

The Department of Mathematics, Janki Devi Memorial College successfully organized its offline Farewell' bidding on 27th April 2022 at 9:00 A.M. It was attended by all students and faculty from the Mathematics Department of JDMC.

The competition started with the best wishes of honorable Principal Prof. Swati Pal. She enlightened everyone with her warm words, which was followed by the welcome speech from our anchor Ms. Shubhangi, a 1st year student. She introduced the theme of the Farewell 22 that was "Red Carpet ''. For the title of MISS FAREWELL', 26 students participated. The Miss Farewell' Competition was held in 3 Rounds.

The first round of the competition was Ramp Walk, from which 10 contestants advanced to the second round. We were ecstatic with the degree of confidence and skill displayed by each participant. The second phase was the Talent Hunt, in which contestants were required to perform a creative act or dance based on the emotion they were given. The Questioner Stage was the third and final round of the competition, for which five students were chosen. Based on all the rounds, three students were crowned MISS FAREWELL, 1ST RUNNER UP, and 2ND RUNNERS UP and were rewarded with exciting prizes.

Intermittently, students from the first and second years performed dances and songs that were loved by everyone. In addition, our esteemed female teachers delivered a beautiful dance performance, and our dearest principal, Prof. Swati Pal, led a ramp walk of teachers. Ms. Nikita, vice-president of the mathematics department, addressed the seniors with a poem she had written herself to conclude the final bidding. Everyone had a great time dancing for approximately thirty minutes to the DJ's music. Following this, a delicious lunch was organized in the Girls Common Room.

Poster:

Pictures of the event:

MS. FARE

Webinar on “Domestic Violence"

The Department of Mathematics, Janki Devi Memorial College, University of Delhi successfully organized a webinar on “Domestic Violence” on 7th April, 2022 at 4 p.m. on Zoom Platform.

Objective of the webinar was to make participants aware about domestic violence and that we should stand against it.

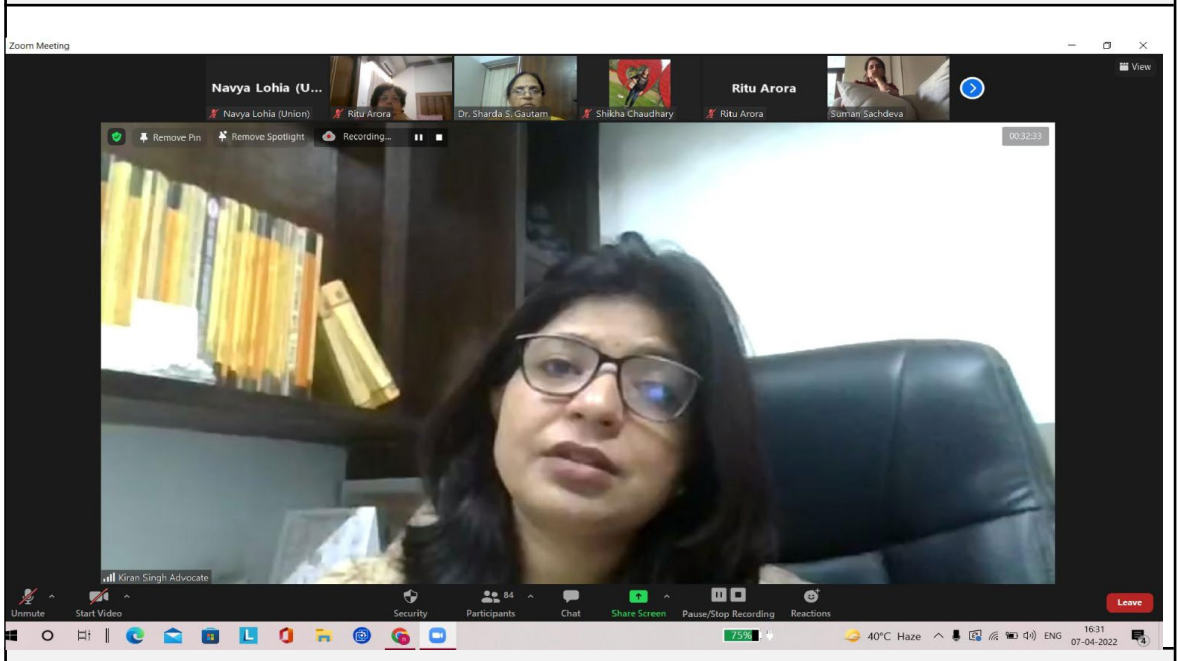
Shikha Chaudhary, Treasurer, Mathematics Association (2021- 22) welcomed everyone in the webinar. Afterwards, Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics, addressed the audience and highlighted the importance of speaking against Domestic Violence. She further introduced the speaker of the webinar Advocate Kiran Singh.

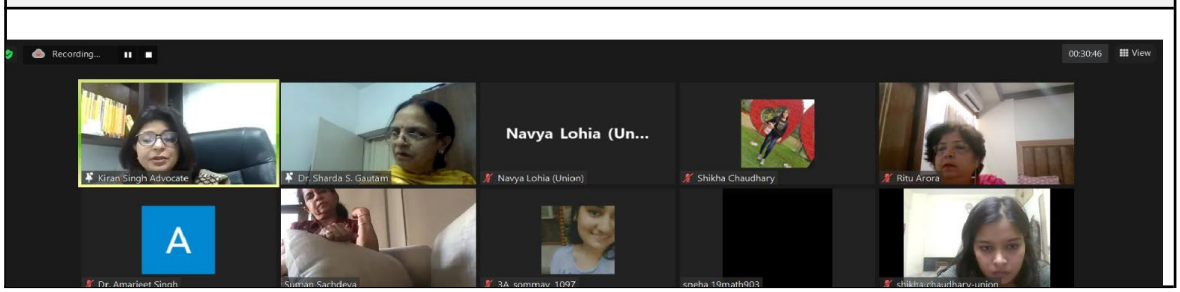
The speaker of the webinar, Advocate Kiran Singh explained the importance and need to speak and take a stand against domestic violence, she also shared some of her cases without disclosing the identity of the victim. She inspired everyone to raise their voice against domestic violence if they see someone suffering from it. She also informed the audience that Delhi Legal Service Authority provides legal support and takes care of the expenses of the victim. Also, Dr. Ritu Arora put forward the question of the participants and Adv. Kiran Singh answered all the questions with patience.

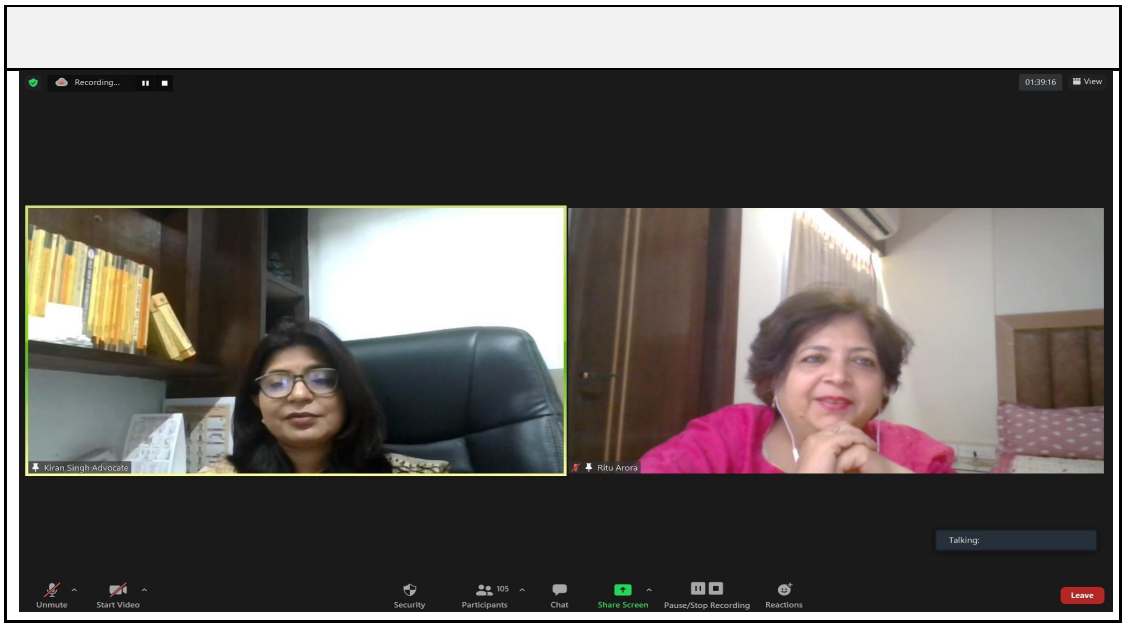
The webinar was well attended by more than 105 participants from different colleges and universities. There was an overwhelming response from the audience and the session turned out to be very interactive. At the end, Niki Sharma, Creative Head, Mathematics Association (2021-22) proposed vote of thanks to the speaker and audience.

Poster:

Recording...
00:23:43
View
Shikha Chaudhary
Dr. Sharda S. Gautam
Kiran Singh Advocate
Talking: Dr. Sharda S. Gautam
Unmute
Start Video
Security
74
Participants
Chat
Share Screen
Pause/Stop Recording
Reactions
Leave


Zoom Meeting
Navya Lohia (U...
Navya Lohia (Union)
Ritu Arora
Dr. Sharda S. Gautam
Shikha Chaudhary
Ritu Arora
Suman Sachdeva
View
Remove Pin
Remove Spotlight
Recording...
00:32:33
Kiran Singh Advocate
Unmute
Start Video
Security
84
Participants
Chat
Share Screen
Pause/Stop Recording
Reactions
Leave
75%
40°C Haze
ENG
16:31
07-04-2022


Recording...
00:30:46
View
Kiran Singh Advocate
Dr. Sharda S. Gautam
Navya Lohia (Un...
Navya Lohia (Union)
Shikha Chaudhary
Ritu Arora
A
Dr. Amarjeet Singh
Suman Sachdeva
3A_sommay_1097
sneha.19math903
shikha.chaudhary-union



"Comedy Hours with Radian-ce"- The Mathematics Meme making Competition, Symphony 2022

Radian-ce, The Mathematics Society, Janki Devi Memorial College organized an inter-college Mathematics Meme making Competition **"Comedy Hours with Radian-ce**" as a part of the annual college festival, Symphony 2022. The competition was held online on the Zoom platform at 2 p.m. on 17 February 2022.

The judges for the competition were Dr. Arvind Kumar, Faculty, Dayal Singh College and Ms. Karishma Ahlawat, Faculty, Janki Devi Memorial College. Ten students from various colleges participated in the competition and the event was well attended by more than 130 participants including students and faculty members.

Ayushi, student, B.Sc. (H) Mathematics welcomed everyone and introduced the Principal Prof. Swati Pal and then Ananya, student, B.Sc. (H) Mathematics introduced the judges of the event. Afterwards, Divisha Joshi, student, B.Sc. (H) Mathematics made all the participants familiar with the rules of the competition. In the first round, Participants were given 20 minutes to make the Meme on the theme "Mathematics in Real Life" and 10 minutes for uploading their entries. In the second round participants were asked to choose any random card out of given three which had some elements associated with mathematics and they had to use it in their meme. They were given 40 minutes for making the meme and 10 minutes to send their entries. Every participant completed their Meme and uploaded them on time. A fun mathematics quiz for Audience was also held via google form whose link was shared in the chat box.

Further, meanwhile judges were analyzing the result, the memes from Round 1 and 2 made by participants were displayed and to make sure the competition was held in a fair manner. The students gave their best

and the combination of mathematics and memes which are the major source of entertainment nowadays was tempting.

Three participants were declared as the winners of the event and the result of the event is as follows:

Winner: Nikita Arora, Janki Devi Memorial College, DU

1st Runner- Up: Mitali Bareja, Janki Devi Memorial College, DU

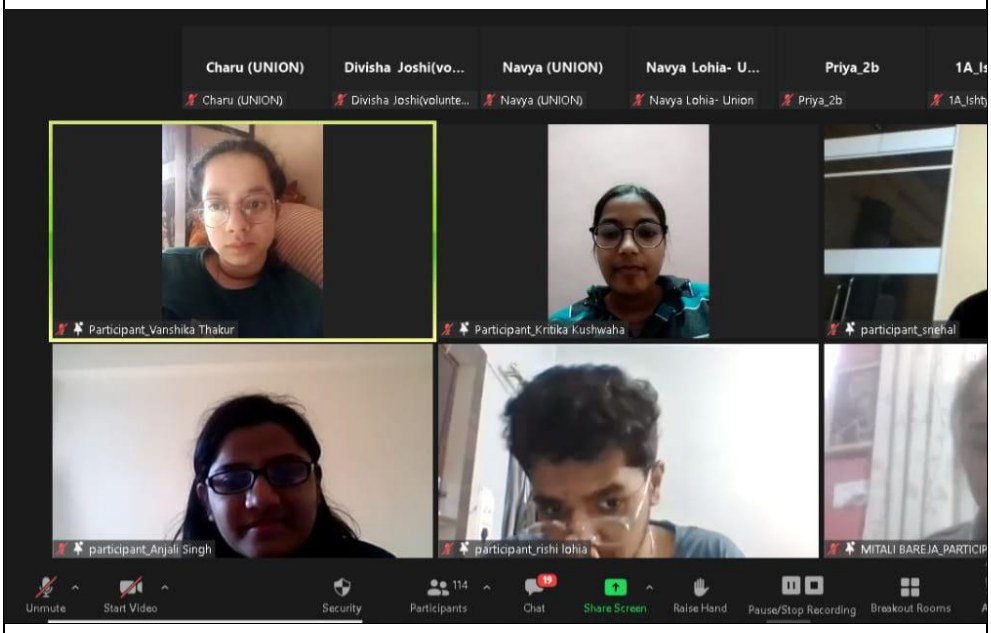
2nd Runner- Up: Rishi Lohia, Chandigarh University

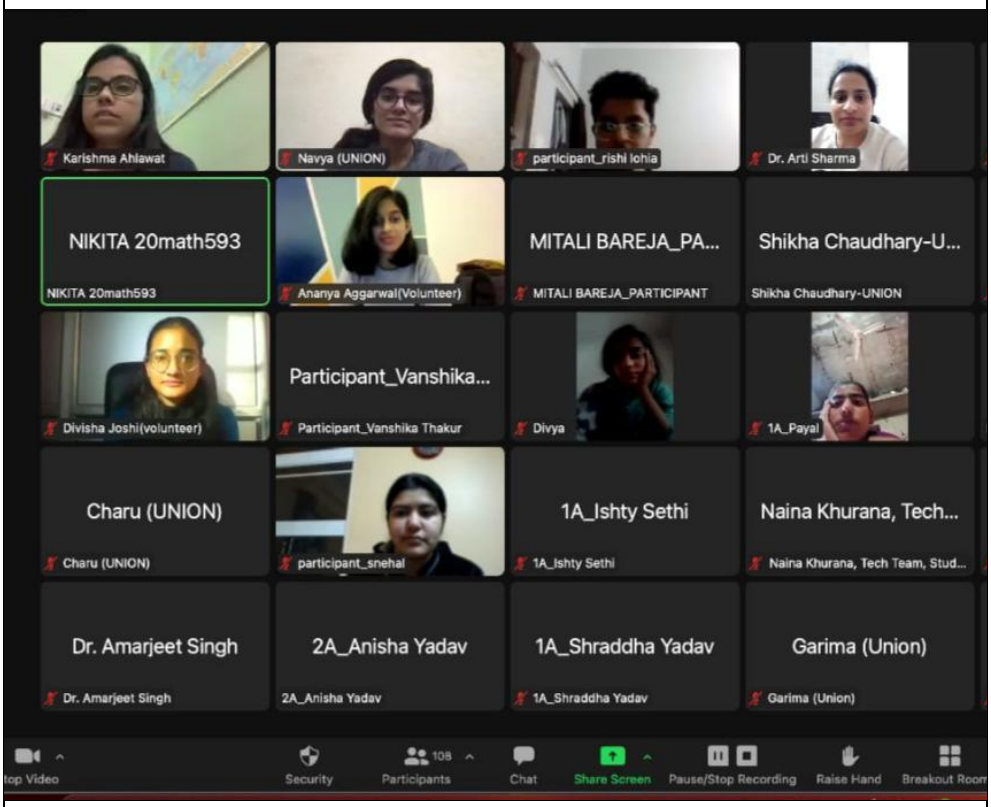
The winners were felicitated by cash prizes of Rs. 2500, Rs 2000, Rs 1500 respectively. Moreover, gift vouchers and certificates were given to all the participants.

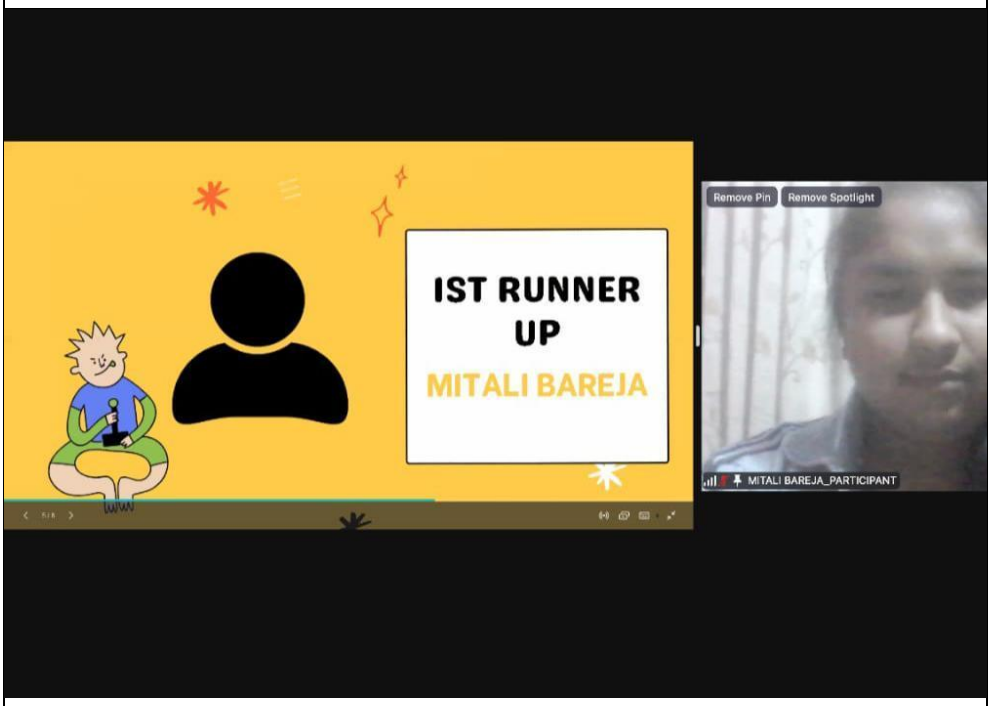
At the end vote of thanks was proposed by Shikha Chaudhary, Treasurer, Student's Union of Mathematics Association. The event turned out to be a great success and everyone enjoyed the Meme made by the participants.

Poster:

JANKI DEVI MEMORIAL COLLEGE
UNIVERSITY OF DELHI
RADIAN-CE
THE MATHEMATICS SOCIETY
SYMPHONY 2022
AZADI KA AMRIT MAHOTSAV
COMEDY HOURS WITH RADIAN-CE
(THE MATHS MEME MAKING COMPETITION)
Date: February 17, 2022
Time: 2:00 p.m.
Platform: Zoom App
REGISTER NOW
Get a chance to win exciting Cash Prizes !!
For queries, contact:
jdm.maths@gmail.com
@radiance_jdmc
PROF. SWATI PAL
(PRINCIPAL)


Charu (UNION)
Divisha Joshi(vo...
Navya (UNION)
Navya Lohia- U...
Priya_2b
Participant_Vanshika Thakur
Participant_Kritika Kushwaha
participant_snehal
participant_Anjali Singh
participant_rishi lohia
MITALI BAREJA_PARTICIP
Unmute
Start Video
Security
Participants
Chat
Share Screen
Raise Hand
Pause/Stop Recording
Breakout Rooms


Karishma Ahlawat
Navya (UNION)
participant_rishi lohia
Dr. Arti Sharma
NIKITA 20math593
NIKITA 20math593
Ananya Aggarwal(Volunteer)
MITALI BAREJA_PA...
MITALI BAREJA_PARTICIPANT
Shikha Chaudhary-U...
Shikha Chaudhary-UNION
Divisha Joshi(volunteer)
Participant_Vanshika...
Participant_Vanshika Thakur
Divya
1A_Payal
Charu (UNION)
Charu (UNION)
participant_snehal
1A_Ishty Sethi
1A_Ishty Sethi
Naina Khurana, Tech...
Naina Khurana, Tech Team, Stud...
Dr. Amarjeet Singh
Dr. Amarjeet Singh
2A_Anisha Yadav
2A_Anisha Yadav
1A_Shraddha Yadav
1A_Shraddha Yadav
Garima (Union)
Garima (Union)
Security
Participants
108
Chat
Share Screen
Pause/Stop Recording
Raise Hand
Breakout Room


IST RUNNER UP
MITALI BAREJA
Remove Pin
Remove Spotlight
MITALI BAREJA_PARTICIPANT

“Wing of Words”- The Mathematics Poetry/Rap Competition, Symphony 2022

The Department of Mathematics, Janki Devi Memorial College organized an inter-college Mathematical Poetry/ Rap Competition **"Wings of Words”** as a part of the Annual College Festival, Symphony 2022. The competition was held online on the zoom platform on 16 February 2022 at 10 a.m.

The judges for the competition were Dr. Nirmal Yadav, Faculty, Cluster Innovation Centre and Dr. Tanu Gupta, Faculty, Janki Devi Memorial College. Seven students participated from various colleges in the competition and the event was well attended by more than 166 participants including students and faculty members.

Aarshi, a student of B.Sc.(H) Mathematics, welcomed everyone and introduced the judges for the event. Afterwards, Lakshita Madaan, student of B.Sc.(H) Mathematics made participants familiar with the rules and regulations of the competition. Participants were given 30 minutes to write the poetry/rap and 15 minutes for uploading it. They were given 5 elements (words) from mathematics and they had to add at-least one element in their poetry/rap. Every participant completed their poetry/rap on time and uploaded them successfully.

Further, Rakhee Attri, General Secretary, Students’ Union of Mathematics Association (2021-2022) called each participant to recite their poetry/rap. Students gave their best and the combination of mathematics and poetry/rap was really interesting.

The results of the event are as follows:

Winner: Priya Chikkara, Shyama Prasad Mukherjee College, University of Delhi

1st Runner- Up: Archana Aggarwal, Bharti College, University of Delhi

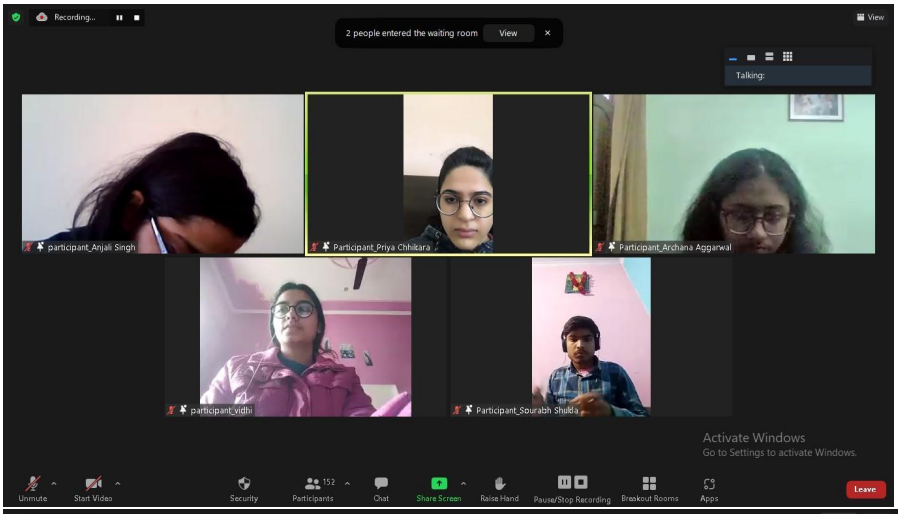
2nd Runner- Up: Mehak Aggarwal, Kalindi College, University of Delhi

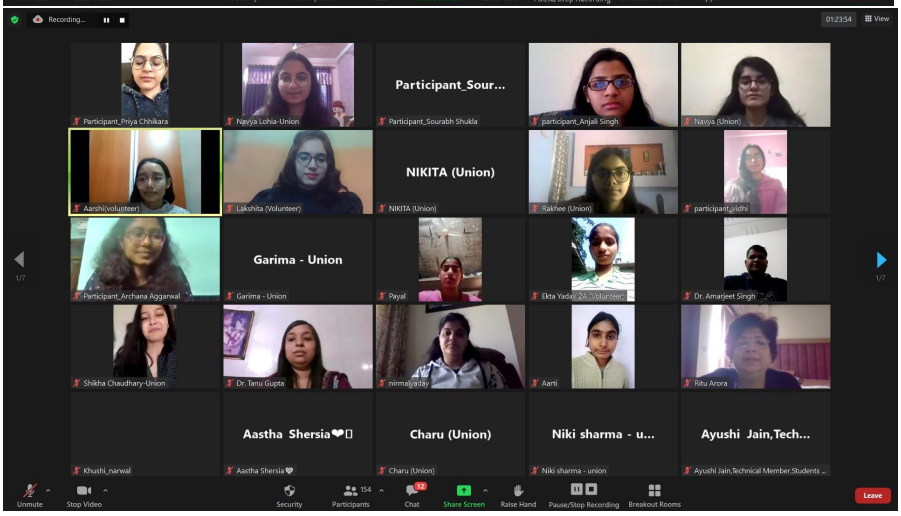
The winners were felicitated by cash prizes of Rs 2500, Rs 2000 and Rs 1500 respectively. Moreover, gift vouchers and certificates were also given to all the participants.

The event turned out to be a great success and everyone enjoyed the poetries/raps presented by the participants.

Poster

Pictures of the event





National Webinar on "Intellectual Property Rights"

The Department of Mathematics, Janki Devi Memorial College, University of Delhi successfully organized a National Webinar on "Intellectual Property Rights" on 28th January 2022 at 11 a.m. on zoom platform.

Objective of the webinar was to make participants aware about Intellectual Property Rights and the importance of Patent Filing in Academics. There were two speakers for the webinar, Dr. Govind Sharma, Registered Patent Agent, Ex-chief and Mrs. Pooja Kumar, Founder; Director of Innove Intellects LLP.

In the beginning, Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics, addressed everyone and highlighted the importance of Patent Filing in academics. She also introduced the first speaker of the webinar, Dr. Govind Sharma.

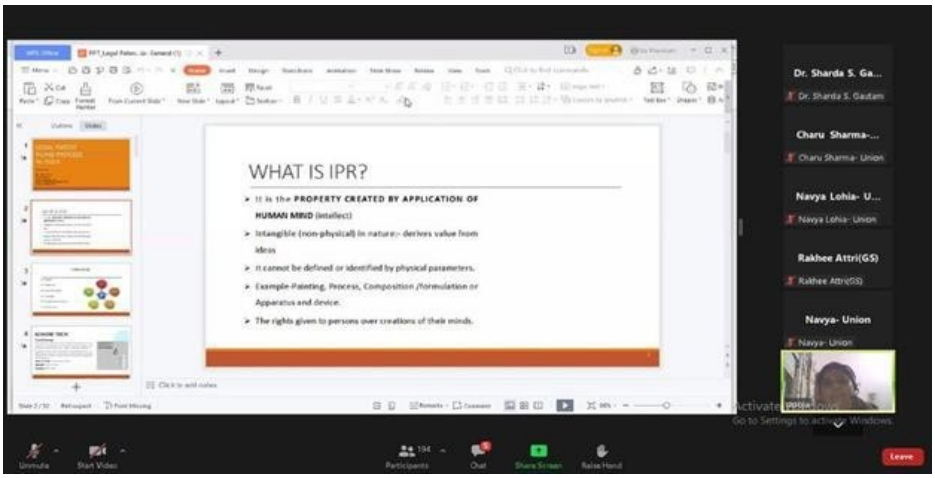
Dr. Govind Sharma explained about Rationale for IP protection, history of Intellectual Property Rights, Copyrights and related rights. He also shared his life experiences and gave various innovative ideas which can be filed as a patent. Moreover, he addressed questions of the participants at the end of his talk.

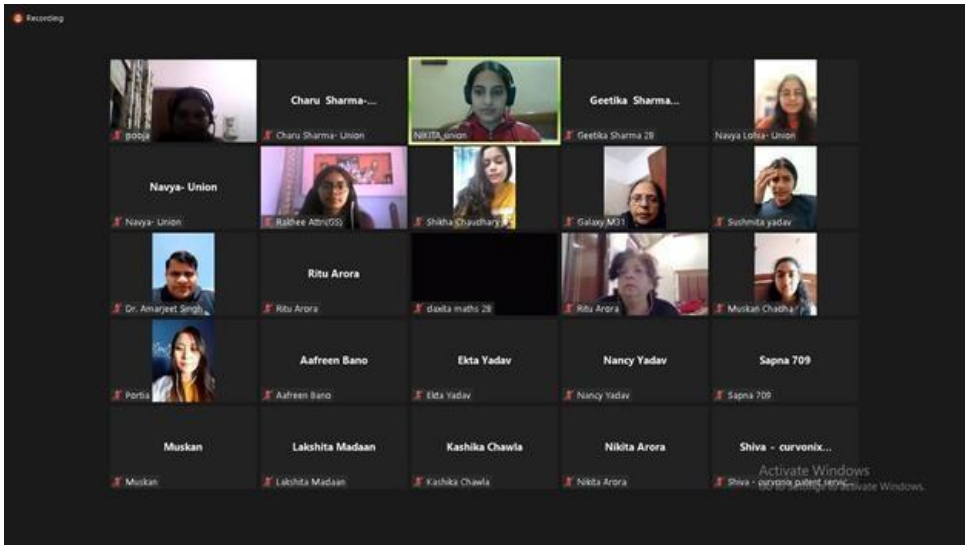
There was an overwhelming response from the audience and the session turned out to be very interactive. The webinar was well attended by more than 210 participants from different colleges. The next speaker, Mrs. Pooja Kumar explained about the benefits of owning a patent, where to file a patent and the procedure for filing a patent.

There was an overwhelming response from the audience and the session turned out to be very interactive. The webinar was well attended by more than 210 participants from different colleges. There was an overwhelming response from the audience and the session turned out to be very interactive. The webinar was well attended by more than 210 participants from different colleges.

Poster of the Webinar:

Pictures of the Event:





Departmental Freshers' 2021

The Department of Mathematics, Janki Devi Memorial College successfully organized its Virtual Freshers' Welcome on 18th January 2022 at 1:00 P.M. It was attended by 165 people from the Mathematics Department including students and teachers.

The theme of the Freshers' Welcome was "MASQUERADE – FORMALS WITH A TWIST". For the title of MISS FRESHERS', 15 students participated. Miss Freshers' Competition was held in 5 Rounds. Students were asked to send their recorded videos in the first 3 Rounds as per the requirement of the round, prior to the event, whereas Round 4 and Round 5 were conducted live.

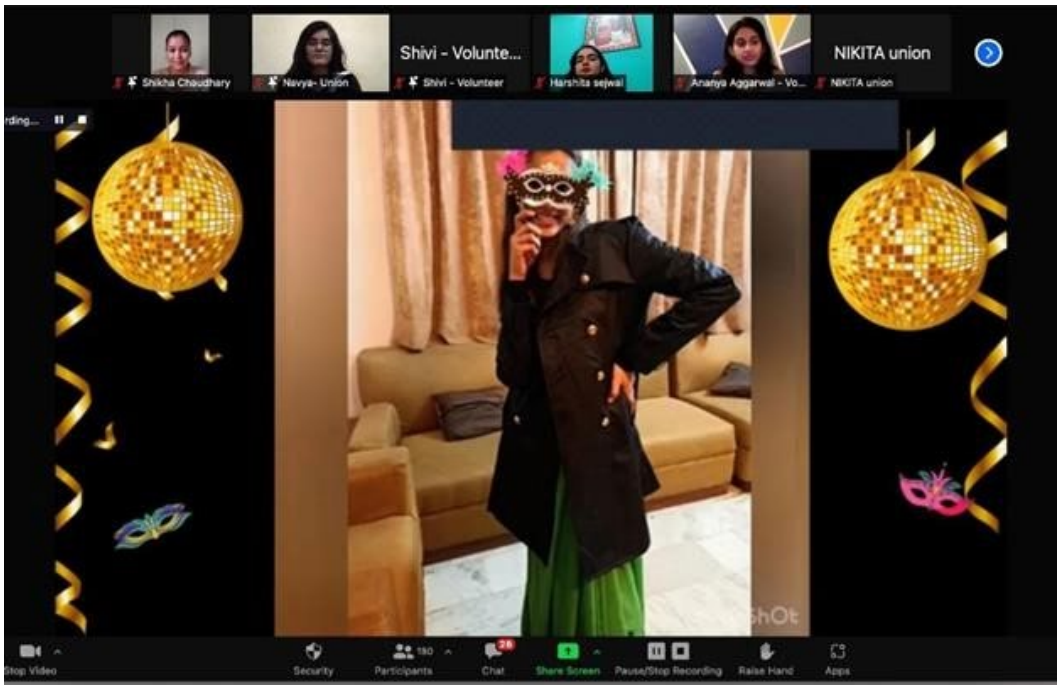
The competition started with the best wishes of honorable Principal Prof. Swati Pal. She enlightened everyone with her warm words, which were followed by some inspiring words of Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics. The judges for this event were Dr. Tanu Gupta and Mr. Vikas Jorwal, Faculties of Mathematics Department.

Round-1 was a "Villainous Round" in which participants were supposed to enact any famous villain and dress according to their Character. Round-2 was based on "Handmade Mask Making" and Round-3 was a "Ramp Walk Round". In the Round-4, participants were assigned with some random situation and character and they were asked to act according to it. Finally, Round-5 was a "Questionnaire" round.

Based on all the rounds, the title of Miss Freshers' is won by Shubhangi Verma of B.Sc.(H) I year SectionA.

The Result was announced by Dr. Ritu Arora, Senior Faculty, Department of Mathematics. The whole event turned out to be very interactive and a fun session for all the freshers as well as the seniors.

Poster:


Shikha Chaudhary
Navya- Union
Shivi - Volunte...
Shivi - Volunteer
Harshita sejwal
Ananya Aggarwal - Vo...
NIKITA union
NIKITA union
Stop Video
Security
Participants
Chat
Share Screen
Pause/Stop Recording
Raise Hand
Apps

Zoom Meeting
Navya- Union
Shivi - Volunteer
Ayushi Jain_Volunteer
Garima-Union
NIKITA union
Shikha Chaudhary
Remove Pin
Recording...
From Pragya tiwari to Everyone
ishity good job
Shubhangi
Stop Video
Security
Participants
Chat
Share Screen
Pause/Stop Recording
Raise Hand
Apps

<u>"2 ♾ & BEYOND"- The Maths Quiz</u>

The Department of Mathematics, Janki Devi Memorial College, University of Delhi virtually organized an Inter-college quiz competition "2 ♾ & BEYOND" for the students of all courses.

The objective of the quiz was to showcase the talents of participants and to increase their inquisitiveness in mathematics on the occasion of National Mathematics Day, 22nd December 2021.

In the quiz competition, 240 students participated from different colleges and different universities. The competition consisted of two rounds. First Round was conducted through Google Forms on 20th December 2021 at 6p.m. in which participants were given 15 minutes to solve 30 questions. Top 10 participants were selected to compete in the Second Round (Final Round). It was conducted virtually on Zoom platform on 22nd December 2021 (National Mathematics Day) at 4p.m.

The competition started with the best wishes of honorable Principal Prof. Swati Pal through a message sent by her as she was not able to come due to some important work which provided a boost to the competition.

This was followed by some motivational words of Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics. Afterwards Navya, President, Students' Union of Mathematics Association (2021-22), welcomed all the participants and the audience. Second Round of the quiz was conducted by Tanya, Gunjan Chugh and Tanisha who are students of B.Sc. (H) Mathematics 1st year.

We were compelled to conduct a 'Tie-Breaker Round' as there was a tie for the 1st position. This round was anchored by Rakhee Attri, General Secretary, Students' Union of Mathematics Association (2021-22).

Based on the final round, three participants were declared as the winners of the event. The results were announced by Dr. Sharda Sharma Gautam. The winners were awarded with cash prices of Rs 1200 (1st), Rs 1000 (2nd) and Rs 800 (3rd).

The winners of the event are as follows:

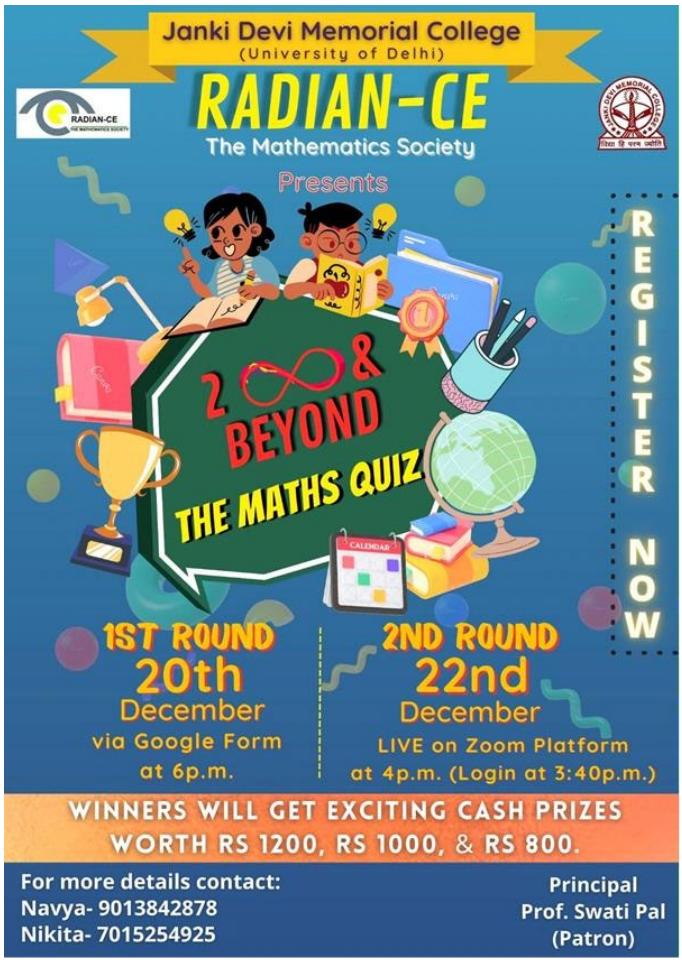
Winner: Manish Chauhan from IIT Delhi (M.Sc. Mathematics).

1st Runner-up: Abhishek Ranjan Pandey from Motilal Nehru College, University of Delhi (B.Sc. (H) Mathematics).

2nd Runner-up: Deepanshi from Lady Shri Ram College, University of Delhi (B.Sc. (H) Mathematics).

The whole event turned out to be very informative and knowledge enriching for both participants and the audience.

Poster of the Quiz Competition:



Pictures of the Quiz Competition:

Poster of Results:

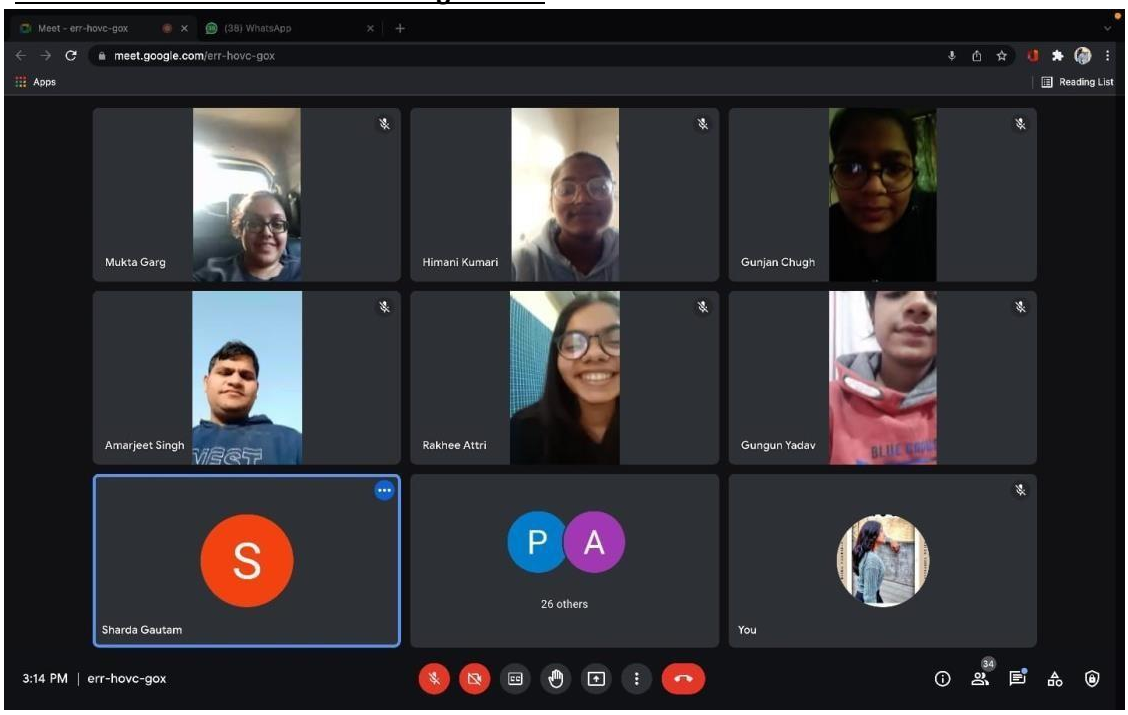
Departmental Elections for the Post of General Secretary

RADIAN-CE, The Mathematics Society conducted its annual Departmental Election for the academic year 2021-2022 to elect General Secretary from the 1st year students on 10th December, 2021. The entire department set out to vote digitally via Google forms on 10th December, 2021. The total number of votes casted by the students between 8:30 am – 11:45 am were 142. The results were declared via Google meet, an online platform at 3:00 pm on 11th December, 2021. Everything turned out to be so smooth, without any discrepancies and results were displayed with proper statistics as:

Rakhee Attri– General Secretary

Picture 1: Statistical view of results

Picture 2: Results declared via Google Meet



"OBE Guidance Session"

The Department of Mathematics, Janki Devi Memorial College, University of Delhi successfully organized an introductory session of OBE (Open Book Examination) for all second- and third-year students of B.Sc. (Hons.) Mathematics on 27th November, 2021 at 4:00 p.m. It was held virtually via Zoom app, an online platform.

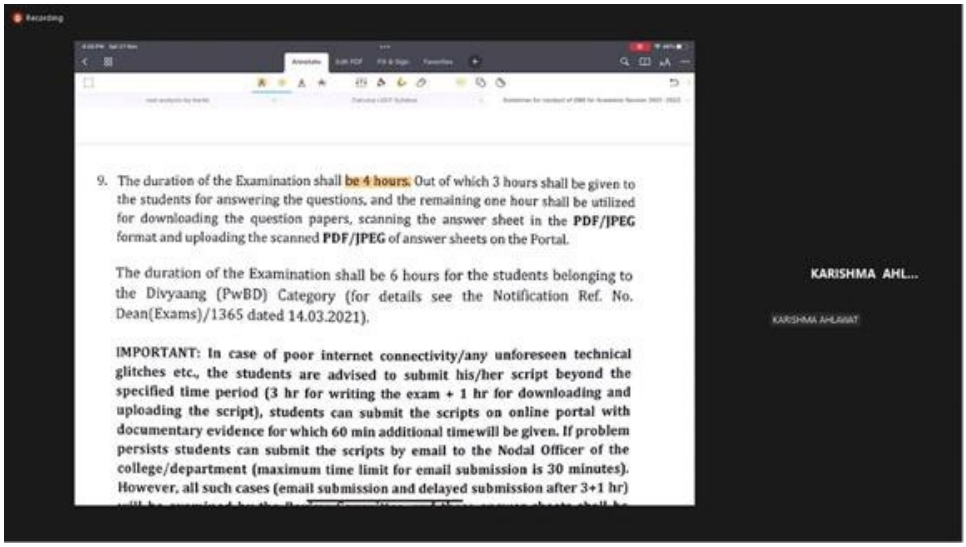
The objective of this session was to make students understand the process of downloading the question paper from the portal, submitting the answer scripts and to understand the rules and regulations regarding the online examinations according to the guidelines of the University of Delhi, so that the exams can be conducted smoothly.

The session started with a welcome speech by Ms. Nancy, Class Representative, B.Sc.(H) Mathematics 2nd year. The session was further carried forward by Mrs. Karishma Ahlawat, faculty, Department of Mathematics who explained all the rules and regulations regarding the Open Book Examinations in detail. Furthermore, she explained the process of downloading the question paper from the portal and also the method of submitting the answer scripts. Students were also made aware of the situation if their answer script is not getting uploaded on the portal, in case of any technical glitch, it could be sent to the University directly through an e-mail.

The session turned out to be very informative. All the participants asked their queries which were well answered by Dr. Sharda Sharma Gautam, Teacher In-Charge, Dr. Ritu Arora, Senior Faculty, Mrs. Karishma Ahlawat, Faculty and other faculty members of the Department of Mathematics.

The session ended with a vote of thanks proposed by Ms. Nikita Sangwan, Vice President, Students' Union of Mathematics Association (2021-2022) and some motivational words by the faculty members of the department, which encouraged the students to appear for their examinations in a fair manner.

Pictures of the OBE Guidance Session-



"Orientation Program"

The Department of Mathematics, Janki Devi Memorial College, University of Delhi organized its "Orientation Program" for B.Sc.(H) Mathematics, first year students (batch 2021-24) on 22nd November 2021 at 10:00 a.m. It was held virtually via Zoom app, an online platform.

The objective of this session was to make freshers of Department of Mathematics familiar with the department and the college.

Newly admitted students were cordially welcomed by Ms. Nikita Sangwan, Vice-President, Students' Union of Mathematics Association (2021-22) and Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics.

Afterwards Dr. Tanu Gupta, faculty of Department of Mathematics made students' familiar with the other faculty members of the department. She also discussed the curriculum to be followed in the first year, different societies of the college, Students' Union members of the Department of Mathematics for the session 2021-22. Moreover, she gave some important information regarding online platform and e-mail ids to the students.

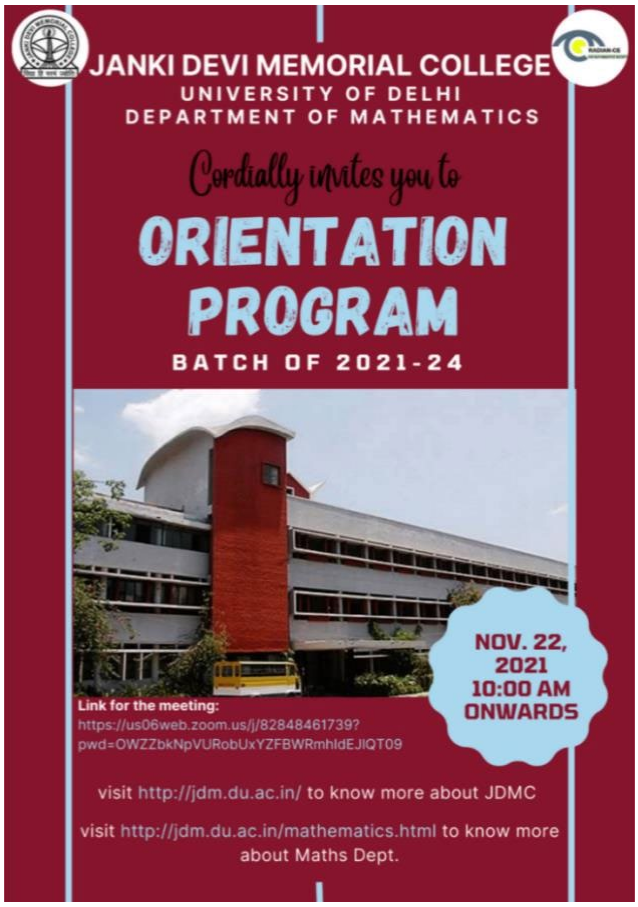
Furthermore, Students' Union of the Department of Mathematics elaborated about the open posts regarding Class Representative, Discipline In-Charge and General Secretary for the Students' Union, Department of Mathematics to be selected from the first-year batch.

Students were set free to ask their queries regarding their subject, college, societies and hostel. All the participants (students as well their parents) eagerly asked their queries about the college at the end of the session. Then their queries were successfully taken care by Dr. Sharda Sharma Gautam, Teacher Incharge, Department of Mathematics, Dr. Ritu Arora, senior faculty, Department of Mathematics and other faculty members of the department.

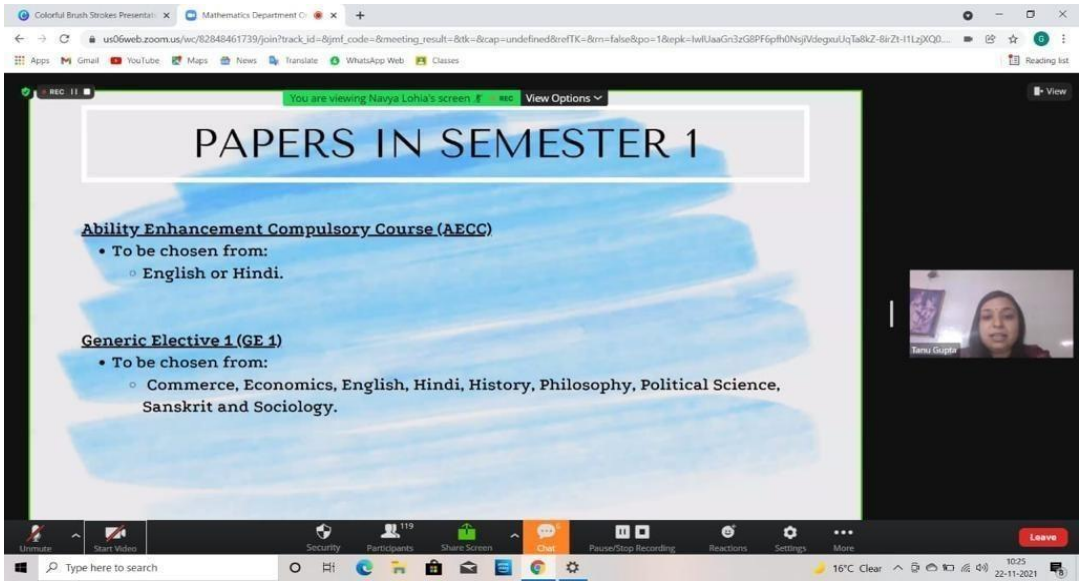
The session turned out to be very interactive. It was well attended by 120+ participants. The session ended with a vote of thanks proposed by Ms. Navya, President, Students' Union of Mathematics

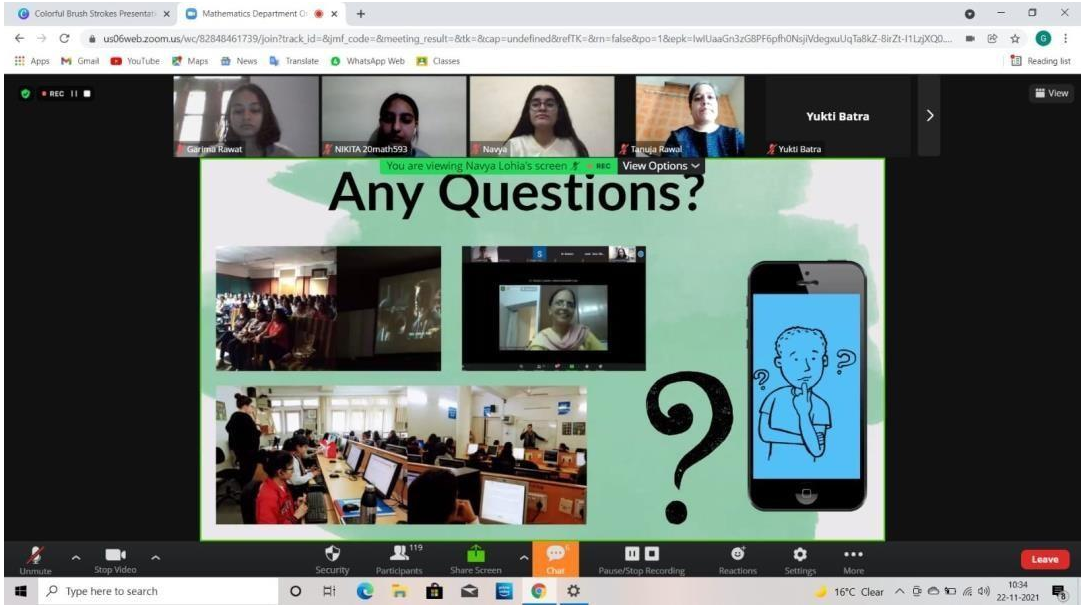
Association (2021-22).

Poster of Orientation Program-



Pictures of Orientation Program-





Awareness Session On "Health and Hygiene"

The Department of Mathematics in collaboration with NSS Unit, Janki Devi Memorial College, University of Delhi successfully organised an awareness session on "Health and Hygiene". The session was organised for the slum children of Shadipur on the occasion of 'Joy of Giving Week' (2nd October 2021 – 8th October 2021) on 5th October, 2021 at 7:00 p.m. via Google meet.

objective of this session was to spread awareness about the importance of Personal hygiene, Food hygiene, Environmental hygiene, Communicable diseases and Healthy lifestyle in our daily life for the slum children.

The session started with the blessings of honourable Principal Prof. Swati Pal through a message sent by her as she was not able to come due to some important work which provided boost to the session.

This was followed by some motivational words by our program co-ordinators of NSS Unit and mathematics department which encouraged all the volunteers as well as the slum children.

Afterwards the introductory address was given by Shikha Chaudhary, Treasurer, Student's Union of Department of Mathematics. Further she welcomed all the participants and the five speakers who voluntarily participated to aware the children and to promote the need of standing up for social cause.

Our first speaker Ms. Binita Behura of NSS Unit, JDMC explained everyone about 'Personal Hygiene' and its importance. She also gave tips to keep ourselves personally hygienic in different ways. The second speaker Ms. Shivi Mehandirata of 2nd year Maths (H) described the topic 'Food Hygiene' which included the importance of healthy food and balanced diet. She also explained the reasons to avoid junk food. Third speaker was Ms. Priya of 2nd year Maths (H) who simplified the meaning of 'Environment Hygiene', which included the ways in which we can keep our surroundings clean. Our fourth speaker Ms. Charu Sharma of 2nd year Maths (H) clarified the doubts of the children on 'Communicable Diseases' followed with a brief explanation of communicable diseases like Covid-19, Hepatitis A, etc. which included their symptoms and the preventions from these diseases. Our last speaker Ms. Ayushi Jain of 2nd year Maths (H) threw light on 'Healthy lifestyle' who concluded with clarifying all the doubts of the children about health and the daily activities that can help us to live a healthy life.

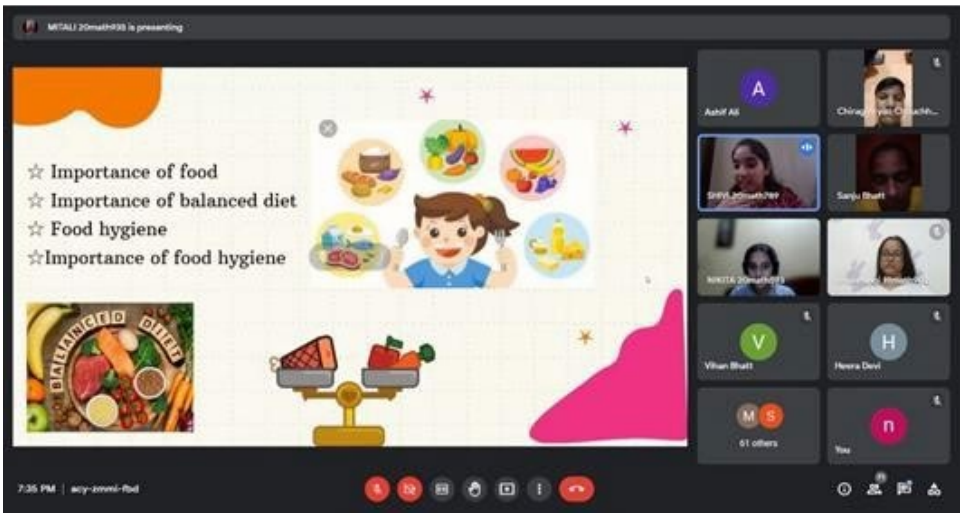
The session turned out to be very interactive. All the participants cooperated sincerely and actively by answering the questions asked by the speakers.

After that Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics interacted with the slum children to which they responded very energetically. She took feedback from them related with the session and encouraged them to apply these activities in their routine life. It was followed by an inspiring speech from Dr. Mukta Garg, Association In-charge, Department of Mathematics.

The session was well attended by 70+ participants and it ended with a vote of thanks proposed by Ms. Nikita, Vice President, Student's Union of Mathematics Association (2021-22) on behalf of Department of Mathematics and NSS Unit, Janki Devi Memorial College.

POSTER OF HEALTH AND HYGIENE

PICTURES OF HEALTH AND HYGIENE


MITALI 20math930 is presenting
☆ Importance of food
☆ Importance of balanced diet
☆ Food hygiene
☆Importance of food hygiene
BALANCED DIET
7:35 PM | acy-zmmi-fbd

MITALI 20math935 is presenting
take necessary rest
cut your nails
Regularly
comb your
hairs
7:27 PM | acy-zmmi-fbd

MITALI 20math935 has left the meeting
8:26 PM | acy-zmmi-fbd

Department Elections

RADIAN-CE, The Mathematics Society conducted its annual departmental election for the year 2021-22 on September 1, 2021. The entire department set out to vote digitally (COVID times) via Google Forms on September 1, 2021. The total number of votes casted by the students between 8:30 am to 11:30 am were 148. By 12 pm, elections were conducted and the results were declared by the teacher in charge of department of mathematics, Dr. Sharda Sharma Gautam via Google meet, an online platform. Everything turned out to be so smooth, without any discrepancies and results were displayed with proper statistics as: Navya - President

Nikita - Vice President

Shikha Chaudhary - Treasurer

Picture 1: Statistical view of results

1. President

RESULTS

Options	%	Count
900 Khushi 3A	32.43	48
973 Navya 3B	66.89	99
No Answer	0.68	1

2. Vice President

RESULTS

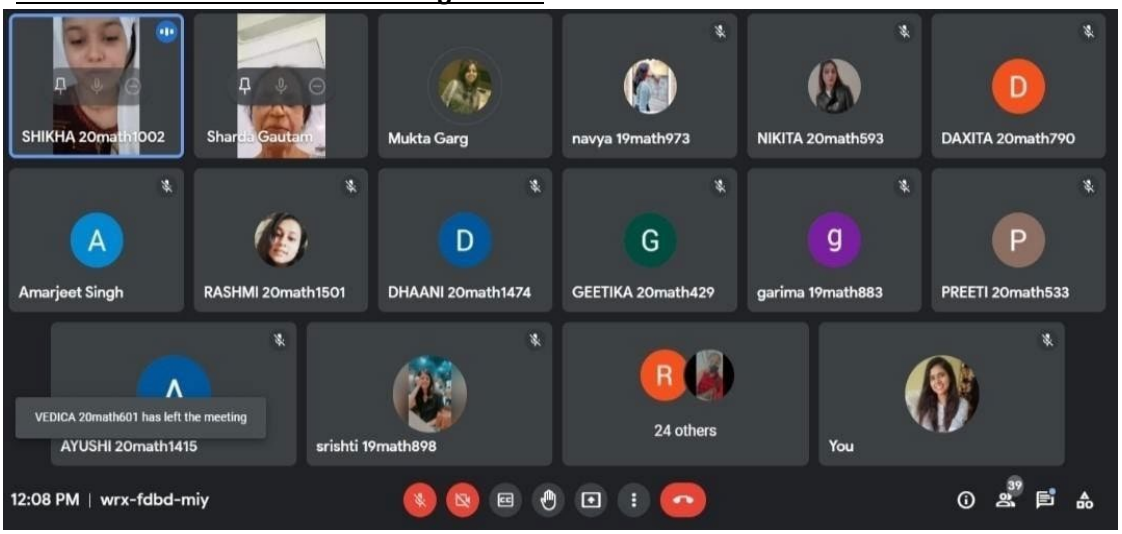
Options	%	Count
593 Nikita 2A	**69.59**	103
1370 Priya 2B	**30.41**	45

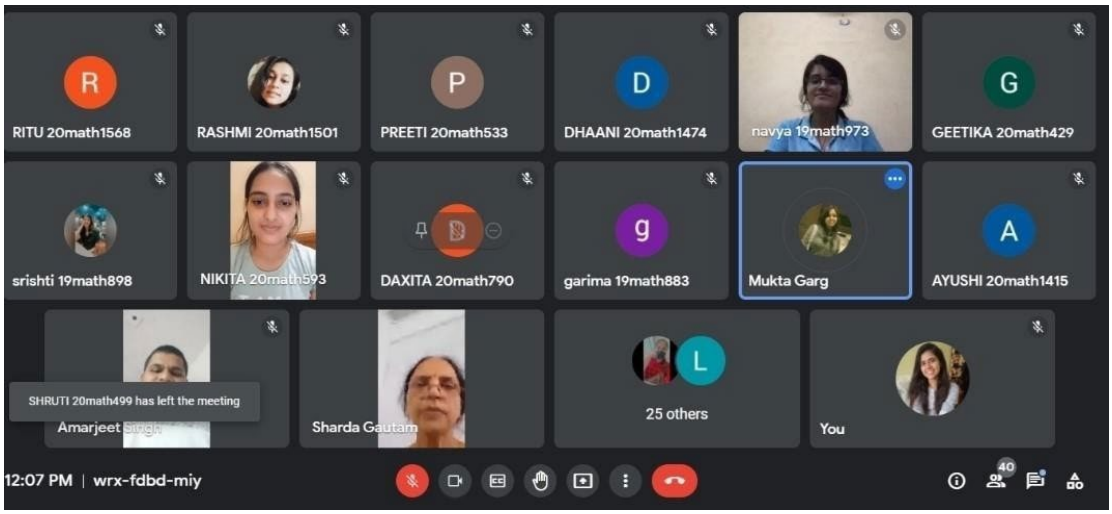
3. Treasurer

RESULTS

Options	%	Count
987 Tanya Sharma 2B	**46.62**	69
1002 Shikha Chaudhary 2A	**52.70**	78
No Answer	**0.68**	1

Picture 2: Results declared via Google meet





National Webinar On "Recent Trends In Statistical Research"

The Department of Mathematics, Janki Devi Memorial College, University of Delhi successfully organized a national webinar on **"Recent Trends in Statistical Research".** The webinar was organized for all the students and faculty members of different universities and colleges at 11:00 am on 27th August, 2021 via Zoom handle.

Objective of the webinar was to make participants familiar with various statistical trends in the current data-driven era

The webinar started with the welcome address proposed by honorable Principal Prof. Swati Pal; her enlightening words provided a necessary boost to the session.

This was followed by an introductory address by Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics. She highlighted the importance of various statistical models and further welcomed the speaker.

The resource person for the webinar was Prof. Somesh Kumar, Department of Mathematics, IIT-Kharagpur.

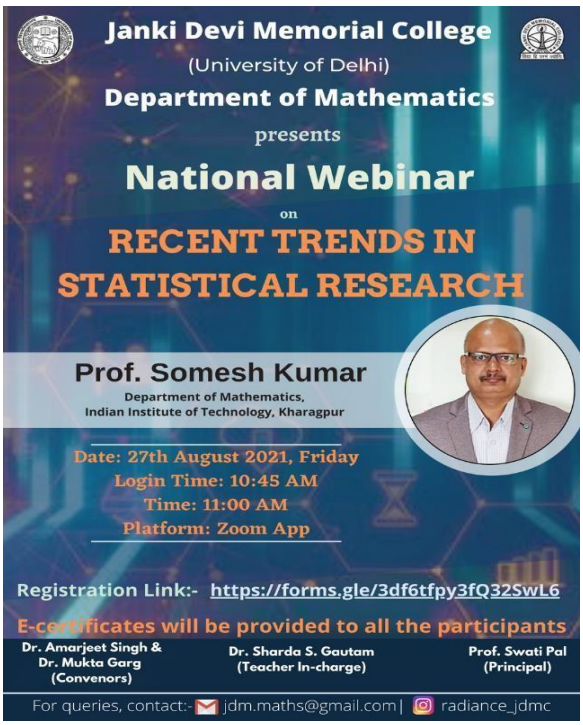
He explained the importance of various statistical tools and their usage. He talked about Sampling, Sample Mean, Sample Variance, Chi Square Test, Student's t-Distribution, Fischer's Distribution and other statistical techniques that are used nowadays. He also talked about data analytics and how is it an emerging career option.

There was an overwhelming response from the audience which was extremely interactive throughout the Q&A round and proved to be yielding.

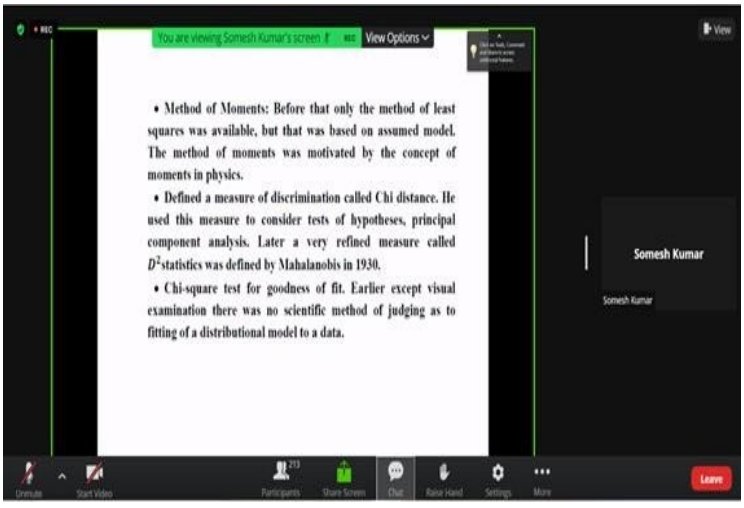
The webinar was attended by 210+ participants from different domains and colleges. The webinar ended with a vote of thanks proposed by Ms. Ayushi Jain, General Secretary, Students' Union of Mathematics Association (2020-21) on behalf of Department of Mathematics.

Feedback, using Google form was also sought after the event. The analysis of the responses from the participants revealed that approximately **91.6% of the participants rated the webinar in the higher category** in the overall rating and **98.2% expressed their willingness to attend such programs in future.**

Poster of Recent Trends in Statistical Research:



Pictures of Recent Trends in Statistical Research



National Webinar On "Use of Modern Optimization Techniques to Solve Real Life Problems"

The webinar started with the welcome address proposed by Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics. She highlighted the importance of optimization techniques in today's world.

The resource person for the webinar was Prof. Kusum Deep, Department of Mathematics, IIT- Roorkee.

She explained the optimization problems and its local and global optimal solutions. She discussed various nature inspired optimization techniques such as random search technique, genetic algorithm, particle swarm optimization, artificial bee colony, firefly algorithm, ant colony optimization and many more. She further explained applications of optimization techniques to real life problems such as air defense systems, radiation treatment using circle packing, forecasting of avalanches etc. She illustrated everything beautifully with the help of some video clips.

There was an overwhelming response from the audience which was extremely interactive throughout the Q&A round and proved to be yielding.

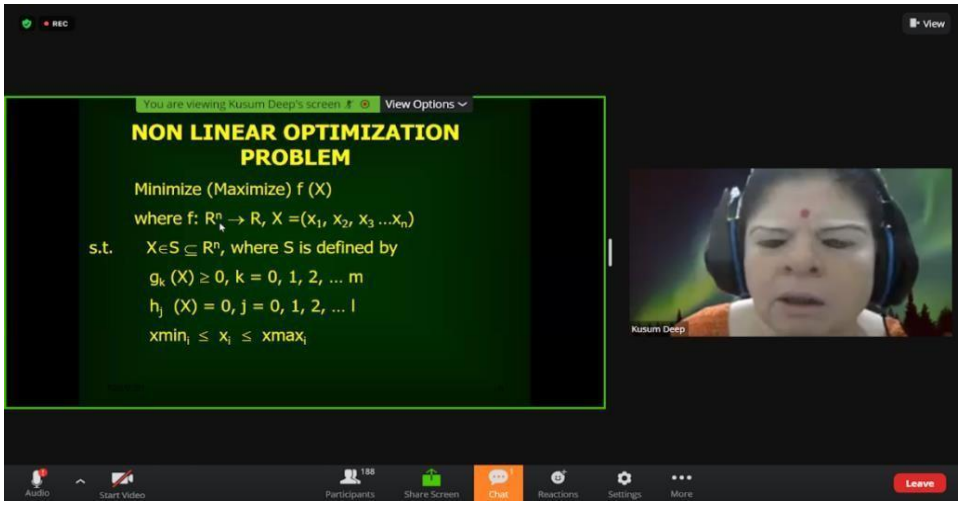
The webinar was attended by more than 190 participants from different domains and colleges.

Feedback, using Google form was also sought after the event. The analysis of the responses from the participants revealed that approximately **94.3% of the participants rated the webinar in the higher category** in the overall rating and **97.2% expressed their willingness to attend such programs in future.**

Poster of Modern Optimization Techniques to Solve Real Life Problems:

Nikita Arora
Nikita Arora
AYUSHI JAIN
Kusum Deep
Shanti Gautam
View
REC
Anupama Kasto... To Everyone
well explained session. Thanks
Prof Swati Pal, Principal
Unmute
Start Video
Participants
164
Share Screen
Chat
Reactions
Settings
More
Leave

View
REC
Ritu Arora
Dr. Shilpi Verma
Anupama Kasto...
Shanti Gautam
Unmute
Start Video
Participants
118
Share Screen
Chat
Reactions
Settings
More
Leave


REC
View
You are viewing Kusum Deep's screen
View Options
NON LINEAR OPTIMIZATION PROBLEM
Minimize (Maximize) f (X)
where f: $R^n \rightarrow R$, $X = (x_1, x_2, x_3 \ldots x_n)$
s.t. $X \in S \subseteq R^n$, where S is defined by
$g_k(X) \geq 0$, k = 0, 1, 2, ... m
$h_j(X) = 0$, j = 0, 1, 2, ... l
$xmin_i \leq x_i \leq xmax_i$
Kusum Deep
Audio
Start Video
Participants
188
Share Screen
Chat
Reactions
Settings
More
Leave

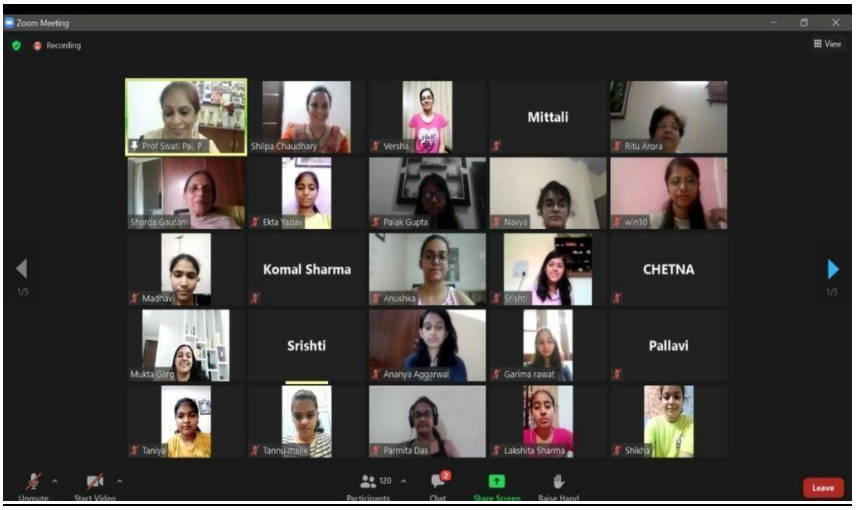
Mentoring Session

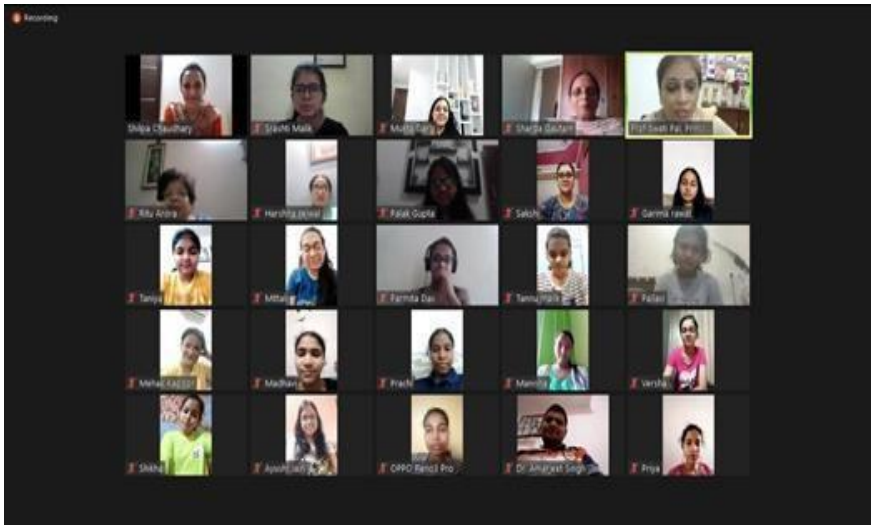
The IQAC and Department of Mathematics, Janki Devi Memorial College, University of Delhi organized a mentoring session with Prof. Swati Pal, Principal of JDMC at 10:00 am on 15th July, 2021. It was organized for all the students of the mathematics department.

The session commenced with the Principal, Prof Swati Pal reiterating the importance of integrity among everyone. She talked about various add-on courses being organized by different departments of our college and threw light on the importance of such courses in our personality development. She guided the students to identify their interests and encouraged them to come up with their own add on courses. She also advised them to work on a research project and to write some research papers. Moreover, She told all the faculty members of the department to together write a book by December.

The session was attended by around 125 participants. It was very informative and enriching for all the students.

Pictures of Mentoring Session:


Zoom Meeting
Recording
View
Prof Swati Pal. P
Shilpa Chaudhary
Versha
Mittali
Ritu Arora
Sharda Gautam
Ekta Yadav
Palak Gupta
Navya
win10
Madhav
Komal Sharma
Anushka
Srishti
CHETNA
Mukta Garg
Srishti
Ananya Aggarwal
Garima rawat
Pallavi
Taniya
Tannu malik
Parmita Das
Lakshita Sharma
Shikha
1/5
1/5
120
Leave


Recording
Shilpa Chaudhary
Srishti Malik
Sharda Gautam
Prof Swati Pal. Prof
Ritu Arora
Palak Gupta
Sakshi
Garima rawat
Taniya
Parmita Das
Pallavi
Madhav
Priya