

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 diverse range of fields like banking, civil services, corporate sector, actuarial sciences, teaching, research and many more. For the overall development of students, 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. Geeta , Dr. Rashmi Rani

Tenure : 2019-2021

Activities 2020-2021

Farewell 2021

The Department of Mathematics, Janki Devi Memorial College organized a Virtual **Farewell** for its graduating batch of 2021. The event was held on 28th June, 2021 on Zoom, an online platform. It was attended by the entire department, students as well as faculty.

The event started with a heartfelt farewell message by Dr. Sharda Sharma Gautam, Teacher In-charge, Department of Mathematics. The event was graced by Dr. Swati Pal, Principal, Janki Devi Memorial College who enlightened the students with her inspirational words and extended her best wishes to all the students. A lot of performances from both 2nd and 1st year students were displayed and much enjoyed by everyone.

The farewell was based on the theme “Olde Worlde” and was conducted in two parts. The entries for Round 1 were taken in advance and judged by the judges, Ms. Sonia and Ms. Chanpreet Kaur. Based on Round 1 results, entries of Round 2 were taken and the results were announced on the day of the farewell along with Round 3.

The results are as follows: -

Miss Farewell 2021- Megha Chauhan

First Runner Up- Nikita

Second Runner Up- Rishita

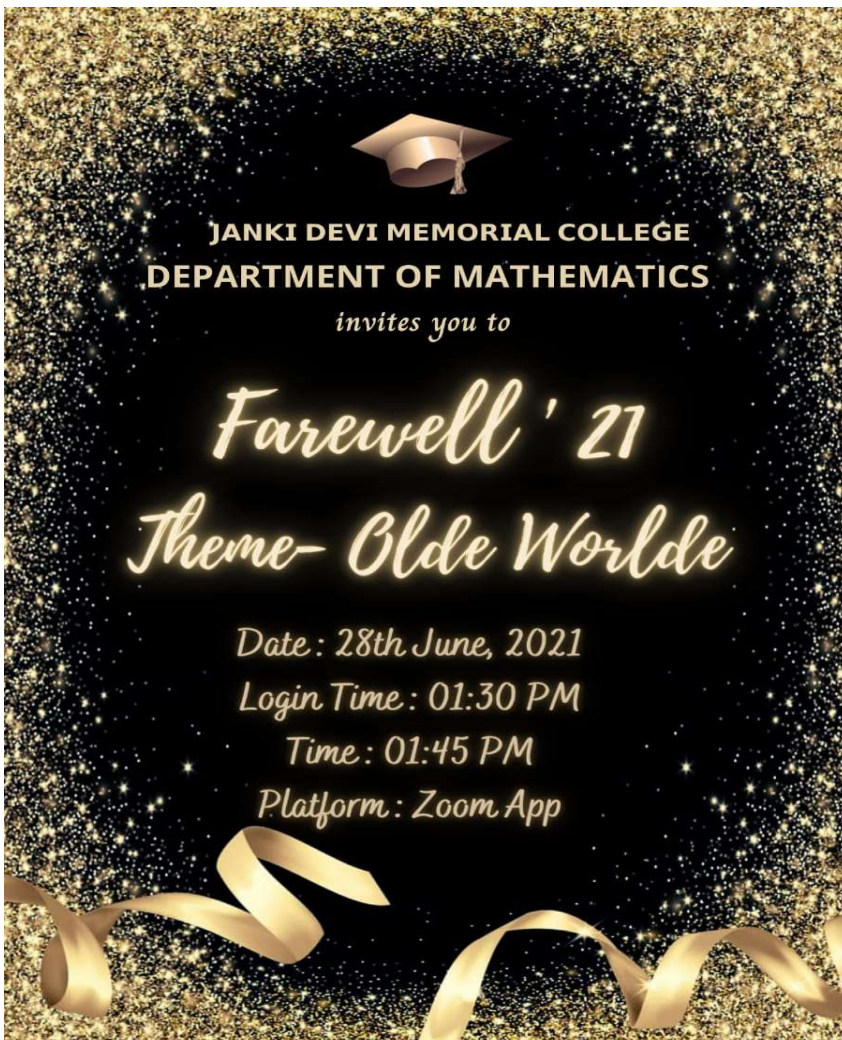
Ms. Fashion Plate- Renu Meghwal

Ms. Million Dollar Smile- Shubhica
Ms. Graceful- Athira Rajan
Ms. Nightingale- Priyanka Joshi
Gift vouchers were given to all the finalists.

Farewell speech was given by some students of 3rd year. A goodbye video was also displayed for the graduating batch at the end. Thereafter, Dr. Ritu Arora, gave a hearty and insightful farewell message to all the students.

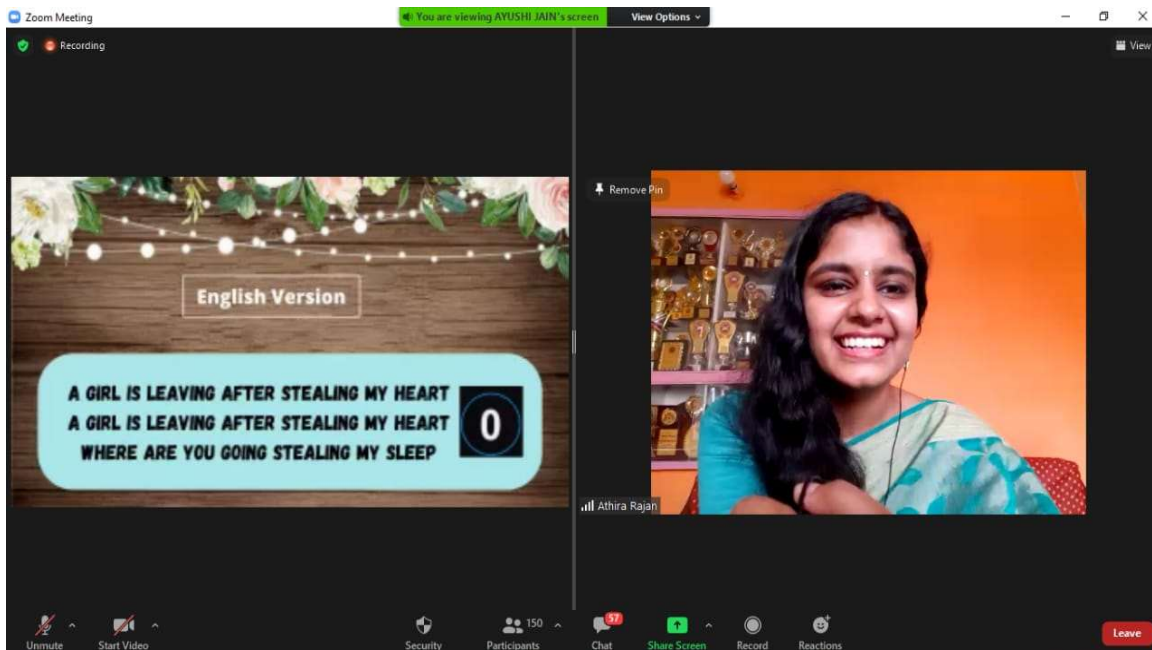
To conclude, Farewell 2021 was great, filled with nostalgia, fun and excitement.

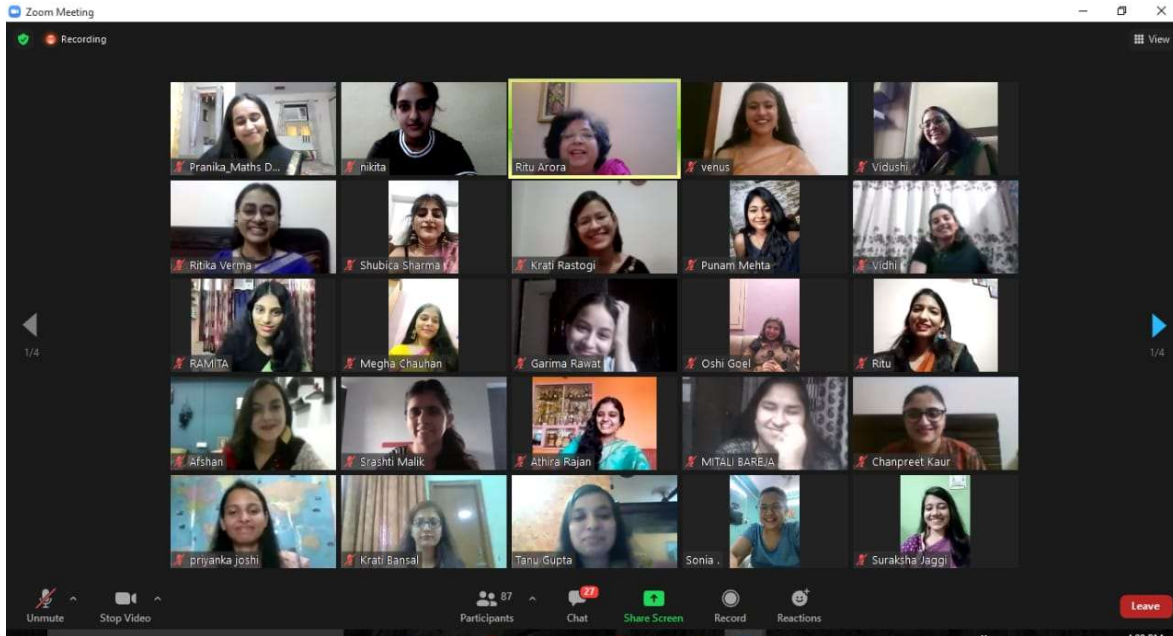
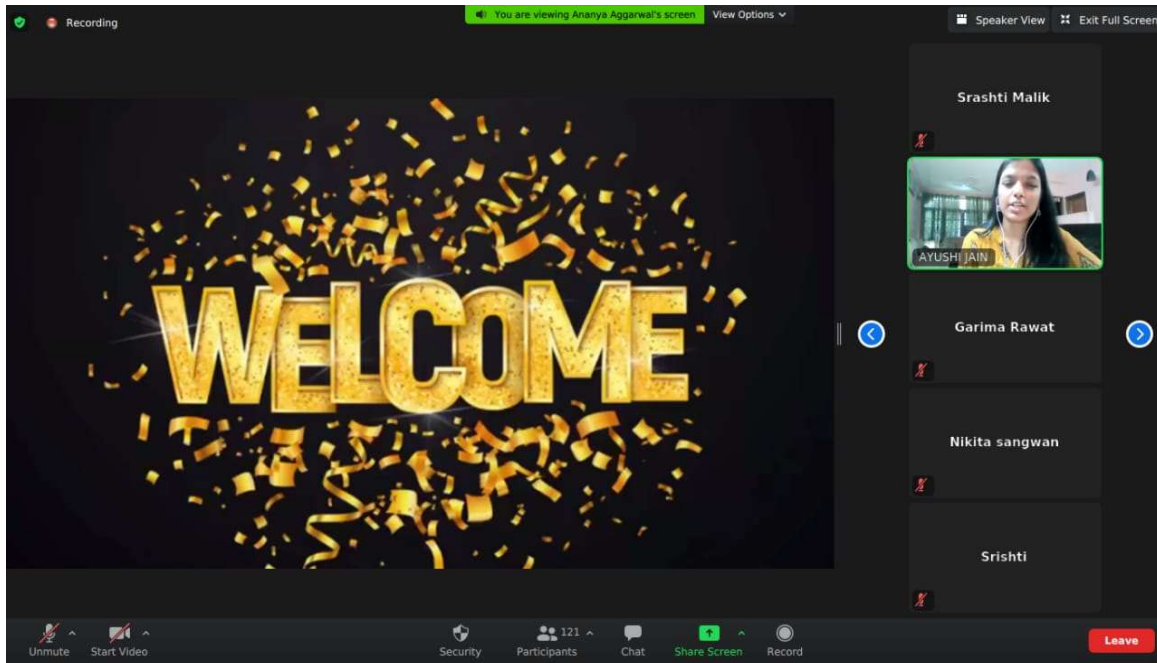
Poster of Farewell 2021





Pictures of Farewell 2021





National Webinar

On

“National Education Policy 2020 and Its Implications on Mathematics”

The Department of Mathematics, Janki Devi Memorial College, University of Delhi organized a national webinar on “**National Education Policy 2020 and Its Implications on Mathematics**”. The webinar was organized for all the students and faculty members of different universities and colleges on 16th April, 2021.

Objective of the webinar was to make participants familiar about National Education Policy 2020 and its significant provisions involving mathematics and how it provides a platform to build, nurture, foster, encourage and multiply mathematical thinking.

The webinar started with the welcome address proposed by Dr. Ritu Arora, Teacher In-charge, Department of Mathematics. She highlighted the importance of holistic approach, interactive teaching and research-oriented education needed in today’s world.

The resource person for the webinar was Prof. Shobha Bagai, Cluster Innovation Center, University of Delhi.

She explained the key points of National Education Policy (NEP) 2020 in detail. She elaborated the fundamental principles of NEP and simplified why we need NEP 2020. Prof. Bagai discussed about the previous NEPs and highlighted the changes in NEP 2020.

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 245 participants from different domains and colleges. The webinar ended with a vote of thanks proposed by Ms. Pranika, President, Students' Union (2020-21), Department of Mathematics.

Feedback, using Google form was also sought after the event. The analysis of the responses from the participants revealed that approximately **89.9% of the participants rated the webinar in the higher category** in the overall rating and **89.1% expressed their willingness to attend such programmes in future.**

Poster of the webinar on National Education Policy 2020 and Its Implications on Mathematics

Janki Devi Memorial College
(University of Delhi)

The Department of Mathematics
PRESENTS

NATIONAL WEBINAR
ON
**NATIONAL EDUCATION POLICY 2020 AND
ITS IMPLICATIONS ON MATHEMATICS**

Speaker: Prof. Shobha Bagai

Professor at Cluster Innovation Centre,
University of Delhi. Member of the
Vice-Chancellor nominated Empowered
Committee to formulate the syllabus of
B.Sc. (H) Mathematics, University of Delhi.

DATE: 16TH APRIL, 2021
LOGIN TIME: 10:30 AM
TIME: 11 AM-12 PM
PLATFORM: ZOOM APP

E-certificates will be provided to all the participants.

Registration Link: <https://forms.gle/PtjnCsXnupXw8j368>

Ms. Geeta & Dr. Rashmi
(Convenors) Dr. Ritu Arora
(Teacher In-charge) Prof. Swati Pal
(Principal)

For queries, contact: Pranika: 9910808602 | Srashti: 8171420207

Pictures of the webinar on National Education Policy 2020 and Its Implications on Mathematics

Zoom Meeting You are viewing shobhabagai's screen View Options

Recording...

NEP 2020 - Higher Education

- Integration of Humanities and Arts with STEM
- Imaginative and flexible curricular structures
- Include credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based education
- Undergraduate degree to be of either 3-or 4-year duration, with multiple exit options with appropriate certifications
- Academic Bank of Credit (ABC) to be established which would digitally store the academic credits earned

shobhabagai


Unmute Start Video Security Participants: 247 Chat Share Screen Pause/Stop Recording Reactions Leave

Type here to search 11:48 16-04-2021


Zoom Meeting You are viewing Srashti Malik's screen View Options

Recording... Oneplus8 entered the waiting room Admit View

Prof. Shobha Bagai
 Professor at Cluster Innovation Centre, University of Delhi



- ❖ Masters and PhD in Mathematics from Indian Institute of Technology (IIT) Delhi.
- ❖ Gold medalist, Punjab University for scoring 100% marks in Mathematics.
- ❖ Has been teaching in University of Delhi since 2001.
- ❖ Has been an active part of various research projects and has given various invited talks on several topics related to mathematics.
- ❖ She has published many papers in National and International journals.
- ❖ Author and Chief Editor of Book: Foundation Course - Building Mathematical Ability.
- ❖ Teaching Excellence Award for Innovation, University of Delhi.
- ❖ Presently, Professor at Cluster Innovation Centre, University of Delhi.
- ❖ Member of the Vice-Chancellor nominated Empowered Committee to formulate the syllabus of B.Sc. (Hons) Mathematics, University of Delhi.



shobhabagai


Unmute Start Video Security Participants 227 Chat Share Screen Pause/Stop Recording Reactions Leave

Type here to search 11:07 16-04-2021


Zoom Meeting You are viewing Srashti Malik's screen View Options

Recording... Prof. Shobha Bagai

Prof. Shobha Bagai
 Professor at Cluster Innovation Centre, University of Delhi



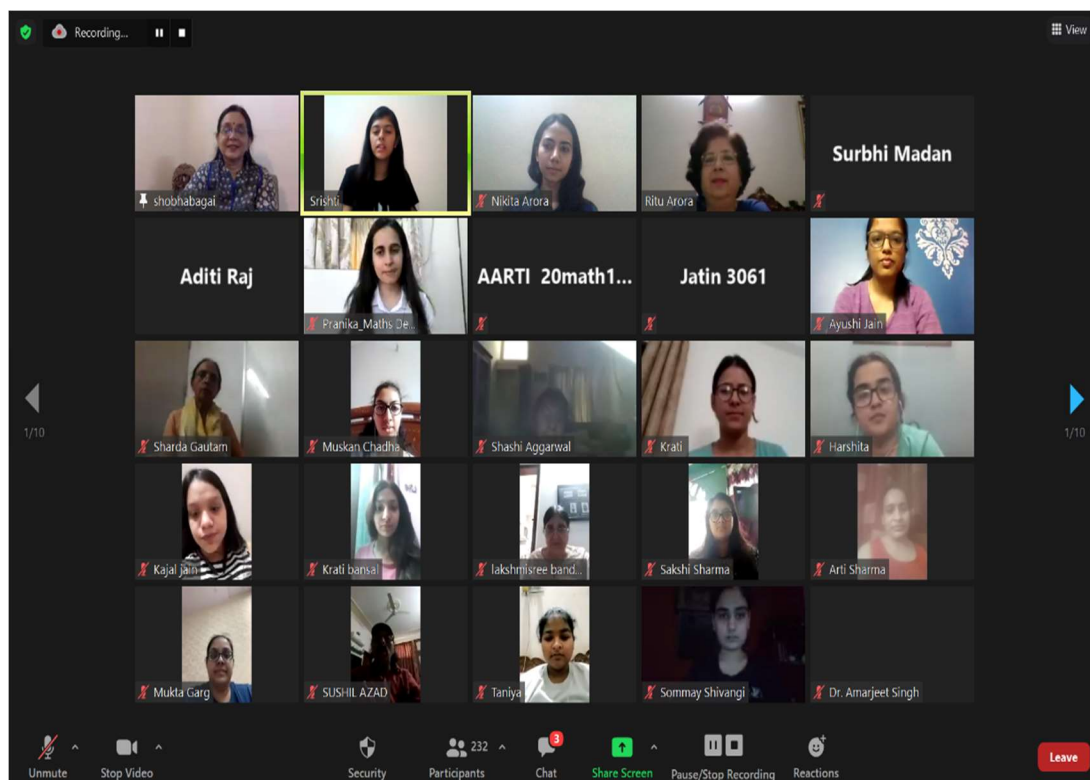
- ❖ Masters and PhD in Mathematics from Indian Institute of Technology (IIT) Delhi.
- ❖ Gold medalist, Punjab University for scoring 100% marks in Mathematics.
- ❖ Has been teaching in University of Delhi since 2001.
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Ritu Arora

Unmute Start Video Security Participants 219 Chat Share Screen Pause/Stop Recording Reactions Leave

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OBE Guidance session

The Department of Mathematics, Janki Devi Memorial College organized an informative session regarding OBE (Open Book Examination) for the 1st year students of the department. An online Zoom meeting was organized on March 12, 2021 to explain the procedure of OBE.

The total numbers of attendees including faculty members were more than 80. The students of third and second year who previously appeared for online examination shared their experience, provided guidance and useful tips regarding the exam. Queries regarding OBE examinations were addressed by faculty members and students familiar with OBE exams.

It turned out to be very helpful and informative session for the students. It also gave comfort and confidence to the students.

Pictures of OBE Session

Zoom Meeting You are viewing Event Coordinator- Srashti Ma... View Options

Answers for Question No:6

Sheet Number	View Answer Sheet	Uploaded At	Action
1	View	Dec 15, 2020 5:26:47 PM	Modify


The cheating, acting dishonestly and/or collusion in an examination is a serious disciplinary offence that result in disciplinary actions as per Ordinance of the University.

UNFAIRMEANS DECLARATION

I hereby confirm that the uploaded answer sheets are entirely my own work and I have not (i) used the services of any agency or person(s) providing specimen, model or ghostwritten work in the preparation of the answer sheets I submit for this open book examination (OBE); (ii) taken assistance in accessing this paper or in providing ghostwritten work to other students submitting for this open- book examination.

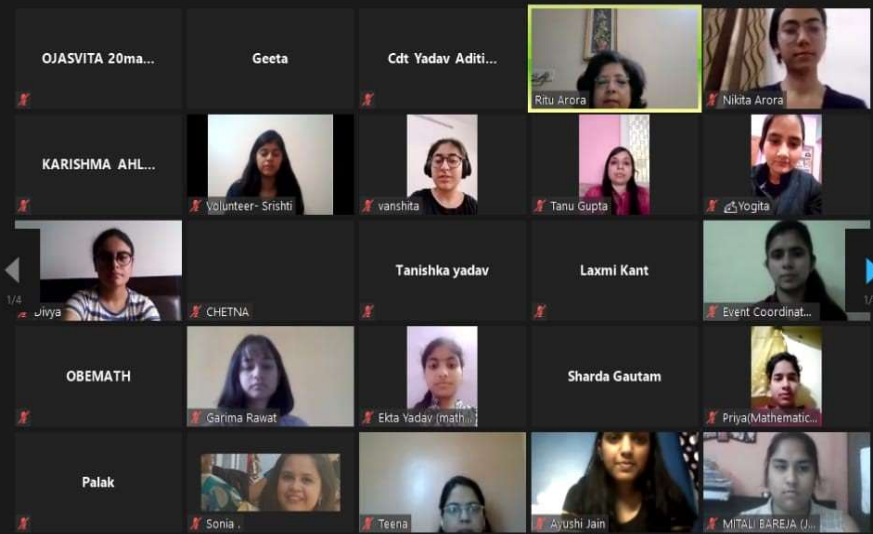
I Agree

[I Agree & Submit response](#)



Ritu Arora

Zoom Meeting View



Participants: OJASVITA 20ma..., Geeta, Cdt Yadav Aditi..., Ritu Arora, Nikita Arora, KARISHMA AHL..., Volunteer- Srishi, vanshita, Tanu Gupta, Yogita, Jiviya, CHETNA, Tanishka yadav, Laxmi Kant, Event Coordinat..., OBEMATH, Garima Rawat, Ekta Yadav (math), Sharda Gautam, Priya(Mathematic..., Palak, Sonia, Teena, Ayushi Jain, MITALI BAREJA, J...

Chat

From Anisha Yadav to Everyone:
hme ans pdf kis name s save krke upload krna h like name_examrollno. or ques no.?

From Aruni Saxena to Everyone:
what are the timings for exams

From Kritika Sethi to Everyone:
we have to write the registered phone number or our whatsapp number

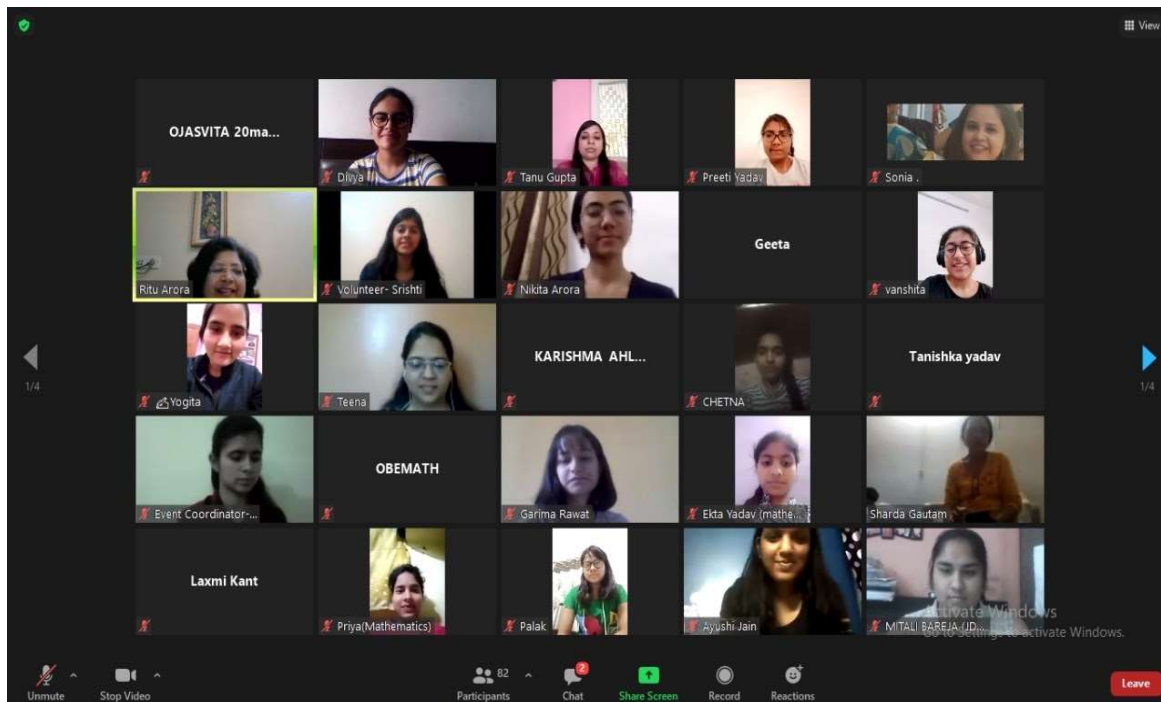
From Priya to Everyone:
which mail id we have to write clg or personal id??

From tannu to Everyone:
mam what about the mock test for obe?

To: Everyone File

Type message here...

Mute Start Video (Alt+V) Participants Chat Share Screen Record Reactions Leave



Alpana, Mathematical Rangoli Competition

Radian-ce, The Mathematics Society organized an inter-college Mathematical Rangoli Competition-*Alpana* from 1:30 pm to 3:30 pm on February 19, 2021 as a part of the annual college festival, Symphony 2021. Due to the pandemic situation of Covid-19, competition was held online on the Zoom platform.

Prof. Swati Pal, Principal, Janki Devi Memorial College welcomed the participants with her inspiring words and boosted their confidence.

The judges for the competition were Ms. Geeta Kwatra, Artist, Ms. Deepti Sethi and Dr. Tanu Gupta, Faculty, Janki Devi Memorial College. A total of 20 students from various colleges were shortlisted on the basis of first-cum-first serve for the competition, out of which 5 students appeared on the day of the competition. The students put their best foot forward and took part in the competition with zest. Innovation and creation are the words that best describes their efforts. Their respective combination of Maths and art were tempting.

The event was attended by more than 35 participants including students and faculty members.

Deepak, a student of Sarada Ukil School of Art, Delhi Polytechnic University was announced as the winner of the competition.

The prize winner was felicitated by cash prize of Rs. 2500 and certificates were given to the all the participants.

Poster of Alpana

RADIANCE-CE
THE MATHEMATICS SOCIETY
JANKI DEVI MEMORIAL COLLEGE

SYMPHONY 2021
presents
ALPANA
THE MATHEMATICAL RANGOLI

FEBRUARY 19, 2021 | LOGIN TIME - 01:00 PM | TIME - 01:30 PM |
PLATFORM - ZOOM APP

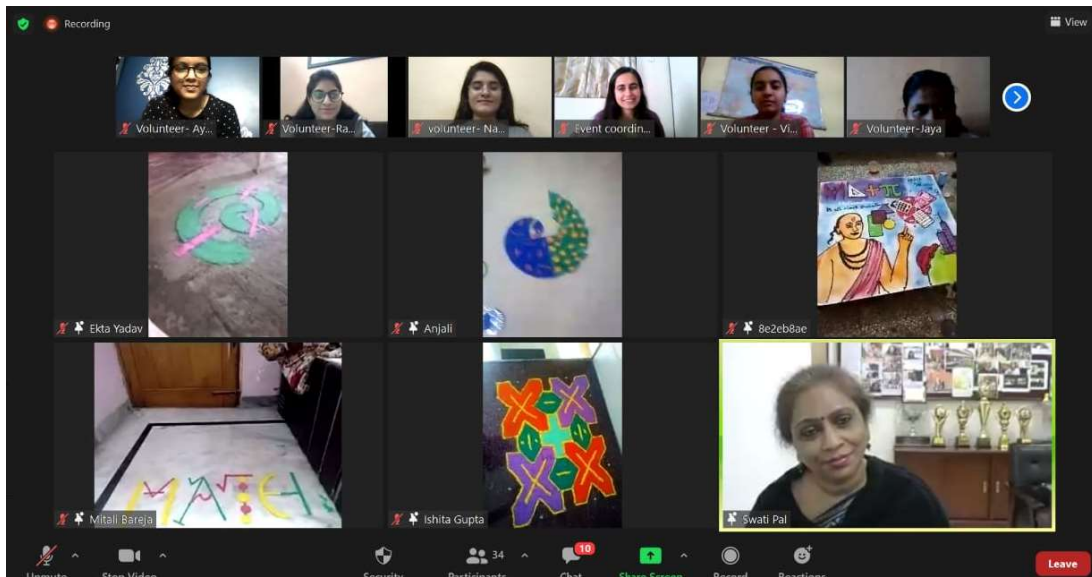
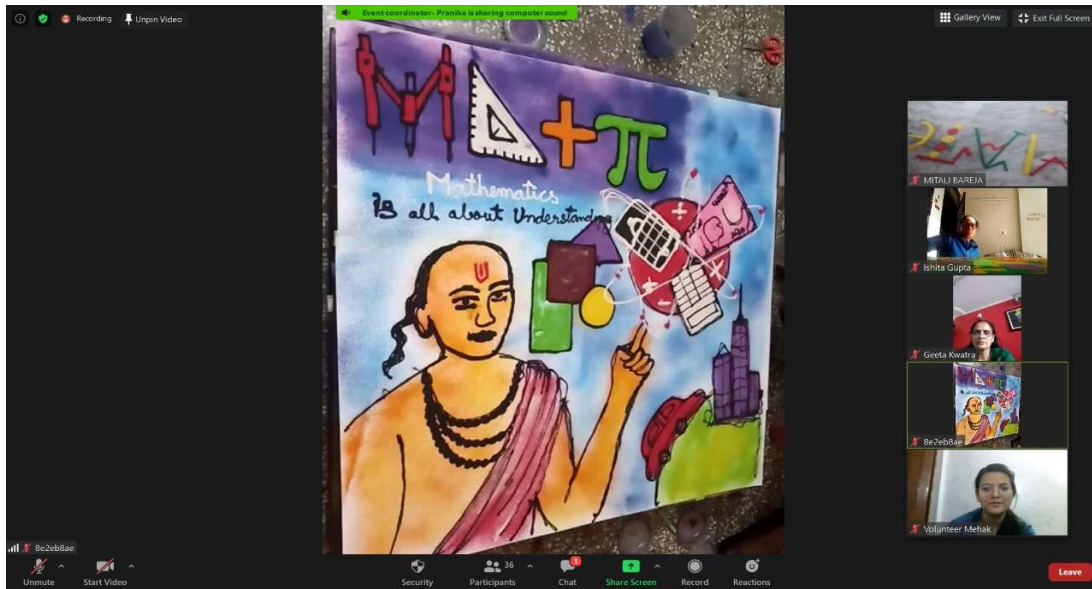
Registration Link: <https://forms.gle/2lJfHKNIzSrPBEVvZ>
REGISTRATION ENDS ON FEBRUARY 14, 2021
HURRY! SEATS BASED ON FIRST COME, FIRST SERVE BASIS.
Get a chance to win attractive cash prizes.

FOR QUERIES CONTACT,
:- jdm.maths@gmail.com
:- @jdmc.mathsdepartment
:- radiance_jdmc

PROF. SWATI PAL
(PRINCIPAL)

Pictures of Alpana





Unveiling Math- Paper Presentation Competition, Symphony 2021

Radian-ce, The Mathematics Society organized an inter-college Paper Presentation Competition from 11:30 am to 1:30 pm on February 17, 2021 as a part of the annual college festival, Symphony 2021. The theme of the competition was *Vedic Math*. Due to the pandemic situation of Covid-19, competition was held online on the Zoom platform.

The judges for the competition were Dr. Neha Agrawal, Faculty, Kiroli Mal College, Ms. Teena Kohli and Dr. Arti Sharma, Faculty, Janki Devi Memorial College. 8 students from various colleges participated in the competition and presented the concepts of Vedic Math including its origin, 16 Sutras, applications in different fields as well as benefits like increased concentration and innovation ability.

The event was attended by more than 70 participants including students and faculty members. During the competition a short video clip on *Vedic Math* was also shown.

The result of the event is as follows:

First prize- Ishita Pandey, Indraprastha College for Women, University of Delhi.

Second prize- Adityendra Tiwari, Hansraj College, University of Delhi.

Third prize- Simran Ahlawat, Janki Devi Memorial College, University of Delhi

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

Poster of Unveiling Math, Paper Presentation Competition

Radian-ce
THE MATHEMATICS SOCIETY
JANKI DEVI MEMORIAL COLLEGE

SYMPHONY 2021
Presents
Unveiling Math
Paper Presentation
THEME : VEDIC MATHS

FEBRUARY 17, 2021 | LOGIN TIME : 11:00 AM |
TIME : 11:30 AM | PLATFORM : ZOOM APP

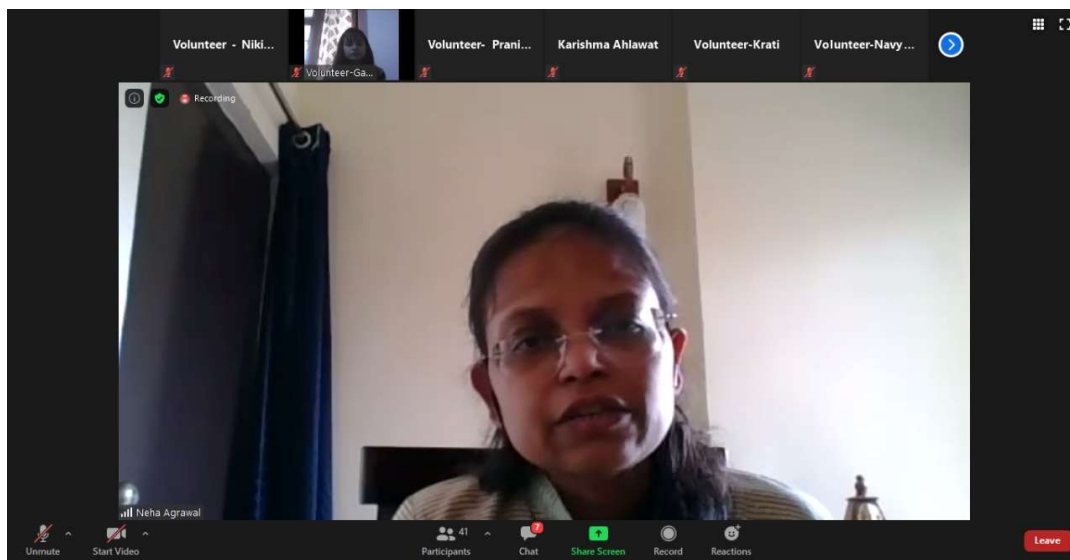
Last Date of Registration: February 12, 2021
Registration Link: <https://forms.gle/GjRpiepZ1beMGPSp9>

ATTRACTIVE CASH PRIZES!


For queries, Contact:
Email: jdm.maths@gmail.com
Instagram: [radiance_jdmc](https://www.instagram.com/radiance_jdmc)
Facebook: [@jdmc_mathsdepartment](https://www.facebook.com/jdmc_mathsdepartment)

Prof. Swati Pal
(Principal)

Pictures of Unveiling Math, Paper Presentation Competition



Recording

Vakrapaksa Shyena

Calculating the area of such a shape must be a challenging geometrical problem





















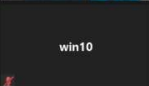




Area of the altar = 7.5 square Purushas



ISHITA PANDEY

Recording

Speaker View

 Mukta Garg	 Volunteer - Nikt...	 Karishma Ahlawat	 Volunteer-Navya...	 Event coordinato...
 Volunteer-Pranika	 Adityendra Tiwari	 ISHITA PANDEY	 Teena	 Volunteer-Vidushi
 Neha Agrawal	 Vishakha Singh	 Ritu Arora	 Volunteer-Garima R...	 Tanya
 Simran Ahlawat	 Volunteer-Krati	 Tanu Gupta	 Event coordinato...	 Volunteer_vanshita
 win10	 Arti Sharma	 Diksha sharma	 Sneha	 Volunteer - Diya

1/2

1/2

Unmute Stop Video Participants 36 Chat Share Screen Record Reactions Leave

International Webinar
On
“Image Compression and Linear Algebra”

The Department of Mathematics, Janki Devi Memorial College, University of Delhi organized an International Webinar on **“Image Compression and Linear Algebra”**. The webinar was organized for all the students and faculty members of different universities and colleges on 28th January, 2021.

Objective of the webinar was to showcase how Linear Algebra can make the Image Compression process faster and more efficient.

The webinar started with the welcome address proposed by Dr. Ritu Arora, Teacher In-charge, Department of Mathematics. She told how linear algebra comprises of methods which help a lot in real world especially in the study and manipulation of images.

This was followed by Principal Prof. Swati Pal; her enlightening words provided a necessary boost to the session.

The resource person for the webinar was Prof. Rekha Thomas, Walker Family Endowed Professor in Mathematics, University of Washington, Seattle.


She explained how SVD (Singular Value Decomposition) is extensively used in image compression process resulting in saving computer's memory. She also discussed the basic idea behind an pixel image and how linear algebra plays a role in it.

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 300 participants from different domains and colleges. The webinar ended with a vote of thanks proposed by Ms. Pranika, President, Students' Union, Department of Mathematics.

Feedback, using Google form was also sought after the event. The analysis of the responses from the participants revealed that approximately **94.7% of the participants rated the webinar in the higher category** in the overall rating and **90.6% expressed their willingness to attend such programmes in future.**

Poster of the webinar on "Image Compression and Linear Algebra"



Janki Devi Memorial College
(UNIVERSITY OF DELHI)
Department of Mathematics



presents

International Webinar on Image Compression and Linear Algebra

by
Prof. Rekha Thomas
(University of Washington)

28th January 2021, Thursday
Login Time: 09:30 AM (IST)
Time: 10:00 AM- 11:00 AM (IST)

Registration Link:
<https://forms.gle/dPfdUMuvzt9bFARt8>

E-certificates will be provided to all the participants.

Coordinators Ms. Geeta Dr. Rashmi Rani	Convener Dr. Ritu Arora (Teacher In-charge)	Principal Prof. Swati Pal
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For queries, contact : Pranika - 9910808602 | Srashti - 8171420207

ABOUT THE SPEAKER

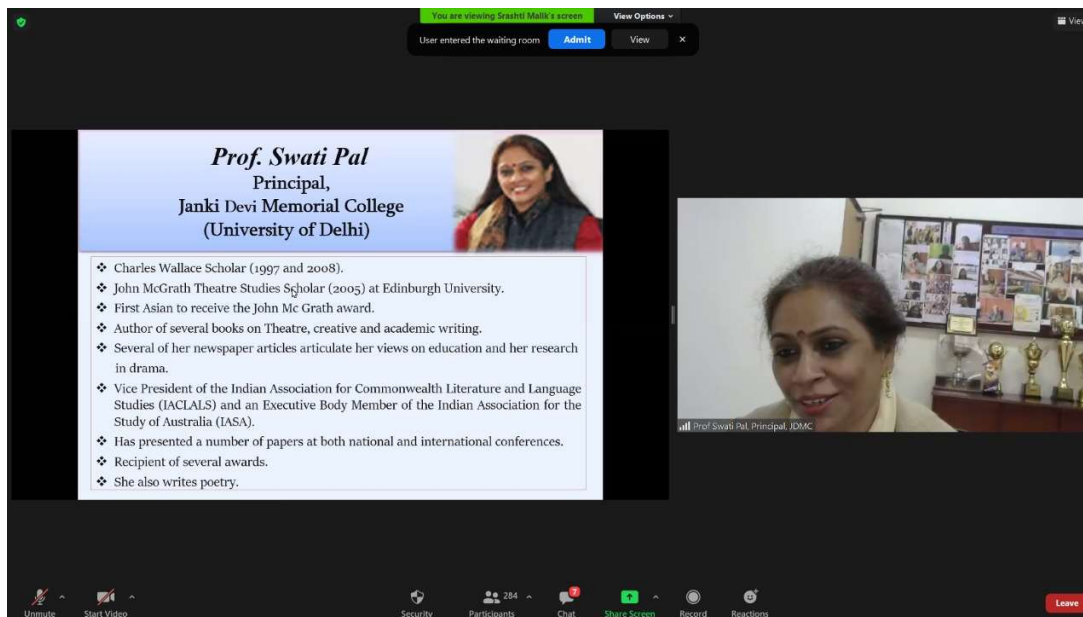


Prof. Rekha Thomas received her Ph.D. in Operations Research from Cornell University. One of her postdoctoral positions was at the Cowles Foundation for Economics at Yale University.

Her research interests are optimization and applied algebraic geometry.

She is a Professor of Mathematics at the University of Washington. She has been the Robert R. and Elaine F. Phelps Professor and she currently holds the Robert B. Warfield Jr. Faculty Fellowship.

Pictures of the webinar on "Image Compression and Linear Algebra"



Prof. Swati Pal
Principal,
Janki Devi Memorial College
(University of Delhi)

- ❖ Charles Wallace Scholar (1997 and 2008).
- ❖ John McGrath Theatre Studies Scholar (2005) at Edinburgh University.
- ❖ First Asian to receive the John Mc Grath award.
- ❖ Author of several books on Theatre, creative and academic writing.
- ❖ Several of her newspaper articles articulate her views on education and her research in drama.
- ❖ Vice President of the Indian Association for Commonwealth Literature and Language Studies (IACLALS) and an Executive Body Member of the Indian Association for the Study of Australia (IASA).
- ❖ Has presented a number of papers at both national and international conferences.
- ❖ Recipient of several awards.
- ❖ She also writes poetry.

Recording... 2 people entered the waiting room View

Not Secure | timbaumann.info/svd-image-compression-demo/

COMPRESSION RATIO
360000 / 108090 = 3.33

Show singular values

1 10 20 100 200 300 400 500 600

Unmute Start Video Security Participants 302 Chat Share Screen Pause/Stop Recording Reactions Leave

Recording...

Participants (267)

Find a participant

Waiting Room (3) Message Admit all

- Prakshi
- Aarna IV-A
- Prakriti Gupta

In the Meeting (267)

Invite Mute All

Chat

thank you so much maam, it's great session.

From Geeta to Everyone:

TYPE IN YOUR DETAILS AS THEY SHOULD APPEAR ON YOUR CERTIFICATE.

To: Everyone (in Waiting Room)

Type message here

Go to Settings to activate Windows.

Unmute Start Video Security Participants 306 Chat Share Screen Pause/Stop Recording Reactions Leave

Recording... You are viewing Rekha Thomas' screen View Options

Every black & white photo is an array of pixels
Grey scales in a pixel can be recorded by numbers from 0 → 255

black white

Example:

$$\begin{bmatrix} 30 & 87 \\ 128 & 150 \\ 246 & 57 \end{bmatrix} \sim \begin{pmatrix} 30 \\ 87 \\ 128 \\ 150 \\ 246 \\ 57 \end{pmatrix}$$

Every b/w photo is a matrix / vector

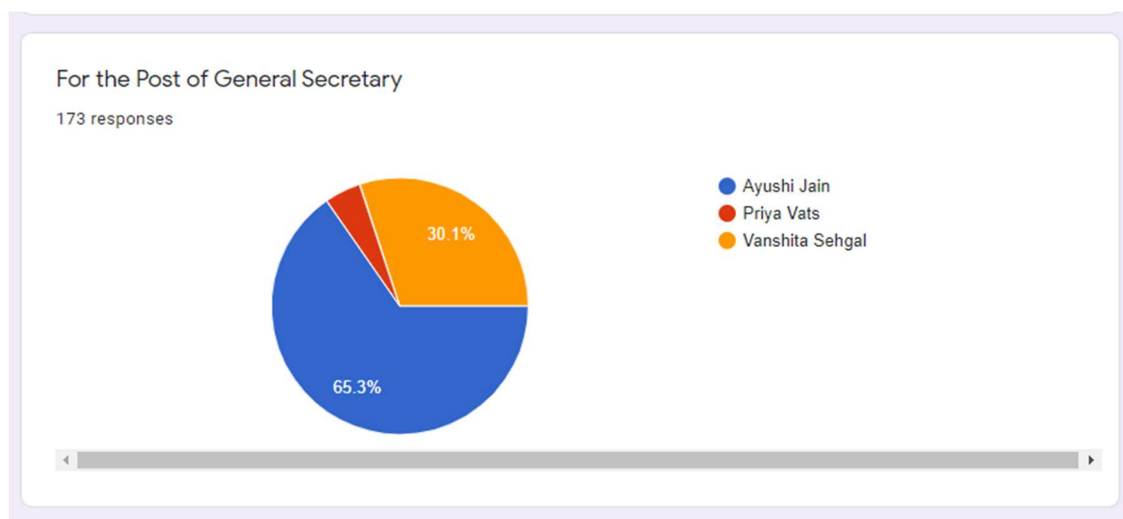
Unmute Start Video Security Participants 306 Chat Share Screen Pause/Stop Recording Reactions Leave

Departmental Elections for the Post of General Secretary

RADIAN-CE, The Mathematics Society conducted its annual Departmental Election for the academic year 2020-2021 to elect General Secretary from the 1st year students on 20th January, 2021. The entire department set out to vote digitally via Google forms on 20th January, 2021. The total number of votes casted by the students between 8:30 am – 11:15 am were 173. The results were declared via Google meet, an online platform at 12:00 pm on 21st January, 2021. Everything turned out to be so smooth, without any discrepancies and results were displayed with proper statistics as:

Ayushi Jain – General Secretary

Picture 1: Statistical view of results



Picture 2: Results declared via Google Meet

Students' Union Election 2020-21
Radian-ce, The Mathematics Society

Email address

Short answer text

For the Post of General Secretary *

Ayushi Jain

Priya Vats

Vanshita Sehgal

Meeting details ^

Meeting controls: Mute, Unmute, Video Off, Video On, Raise hand, Turn on captions, srashti 19math429 is presenting

Freshers' 2021

The Department of Mathematics, Janki Devi Memorial College organized its Virtual Freshers' Party on 12th January, 2021. The event was held on Zoom app, an online platform. It was attended by the entire department, students as well as faculty.

Dr. Ritu Arora, Teacher Incharge, Department of Mathematics, welcomed the students with her warm words. The event was graced by Prof. Swati Pal, Principal, Janki Devi Memorial College. Students felt motivated by her inspiring words. Ms. Teena Kohli and Dr. Arti Sharma were the judges of the Competition.

Theme of the Freshers' Party was 'Anyone But You'. The Miss Freshers' Competition was held in 3 round: Self Introduction, The Talent Hunt and The Questionnaire Round. Students were asked to send their freshly recorded videos in the first two rounds, prior to the event and the 3rd round was held live, which was further conducted in three different levels: Guess the movie by its dialogue, Guess the song by its music, The Questionnaire Level.

A lot of performances from 2nd and 3rd years, were enjoyed by one and all.

The three winners were felicitated by gift vouchers.

Miss Freshers': Vanshita Sehgal

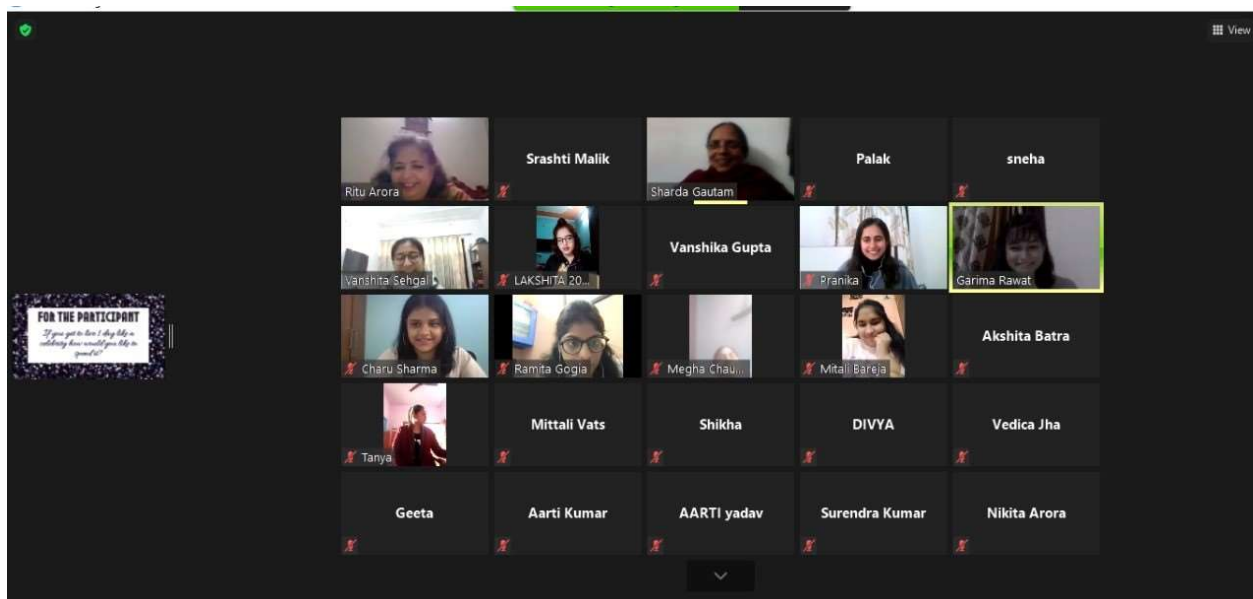
First Runner-up: Lakshita Madaan

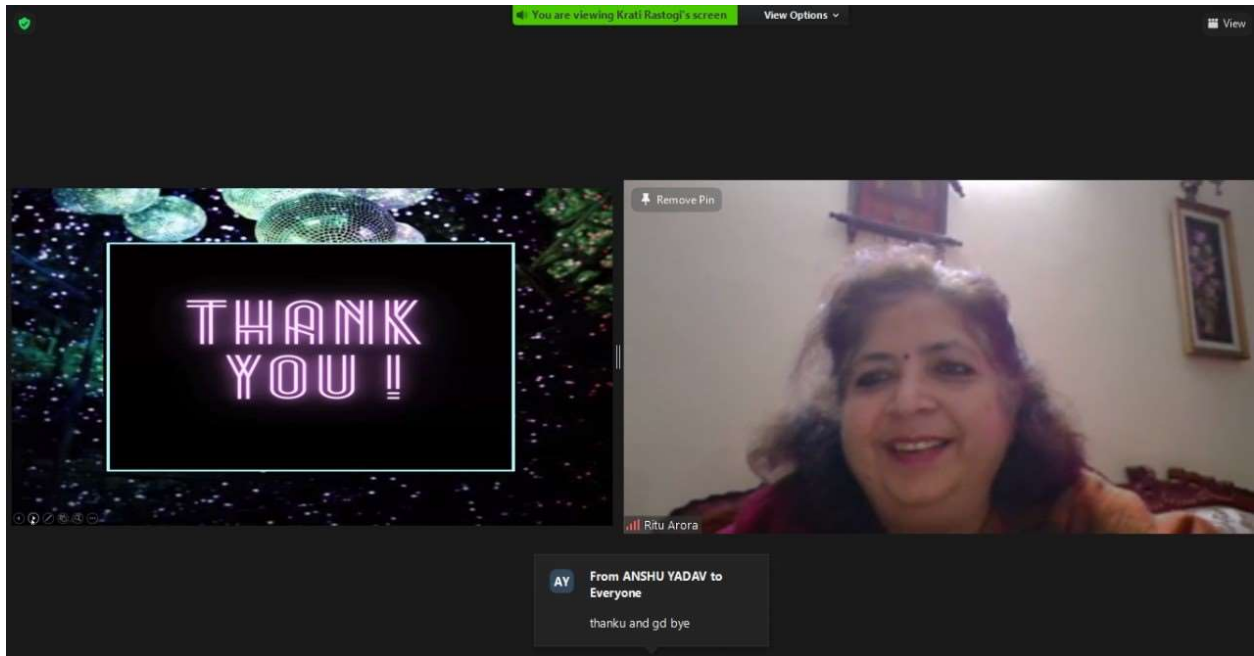
Second Runner-up: Akshita

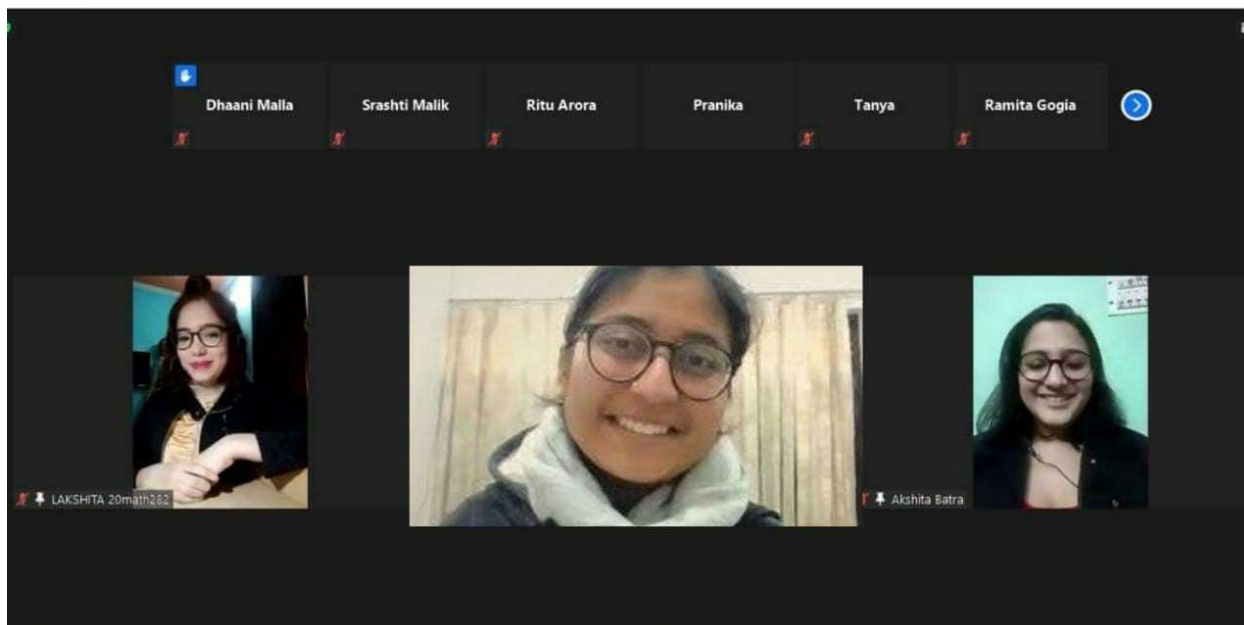
Poster of Freshers' 2021



Pictures of Freshers' 2021







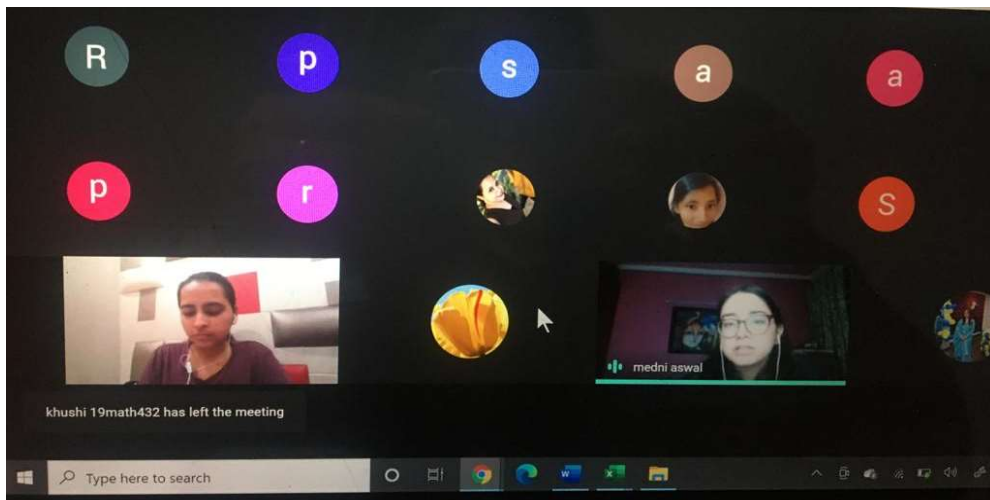
OBE Guidance Session

The Department of Mathematics, Janki Devi Memorial College organized an informative session regarding OBE (Open Book Examination) in December 2020 for the students of II and III years of the department. An online Google meet was organised on December 10, 2020 to explain the procedure of OBE.

There were two sessions and was attended by 200 students. Few Students of Batch 2020 who passed out by giving online examination were invited to share their experience, provide guidance and useful tips regarding the exam. Queries regarding OBE examinations were addressed by the faculty members and students familiar with OBE exams.

It turned out to be very helpful session for the students who had appeared for OBE in August. It gave comfort and confidence to the students.

Pictures of OBE Guidance Session



National Webinar
On
"How We Can Secure Our Online Communication"

The Department of Mathematics, Janki Devi Memorial College, University of Delhi organized a National Webinar on **"How We Can Secure Our Online Communication"**. The webinar was organized for all the students and faculty members of different universities and colleges on 19th November, 2020.

Objective of the webinar was to showcase the importance of cyber hygiene to protect ourselves from all types of cyber threats as the significance of online services has increased.

The webinar started with the welcome address proposed by Dr. Ritu Arora, Teacher In-Charge, Department of Mathematics. With growing Online Communication, Dr. Ritu Arora discussed the need to secure it. The resource person for the webinar was Dr. Dhananjay Dey, Associate Professor, Interim Dean (IPR) & Dean (A), IIIT, Lucknow (Former Scientist 'E', DRDO, Delhi).

Dr. Dey explained and elaborated about cyber attack and the role of cryptography to secure communication. He recommended some practices for safer internet banking and mobile device security. He also inspired us all to maintain good cyber hygiene by using anti-viruses, network firewalls, strong passwords, multi-factor authentication, device encryption and regular backups. The webinar was of utmost importance and aimed at spreading different practices to secure our Online Communication.

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

The programme consisted of over 220 participants from different domains and colleges. The webinar ended with a vote of thanks proposed by Ms. Pranika, President, Students' Union, Department of Mathematics.

Feedback, using Google form was also sought after the event. The analysis of the responses from the participants revealed that approximately **92% of the participants rated the webinar in the higher category** in the overall rating and **87% expressed their willingness to attend such programmes in future.**

Poster of the webinar on "How We Can Secure Our Online Communication"



Janki Devi Memorial College

(UNIVERSITY OF DELHI)

Department of Mathematics

presents



National Webinar

on

**How We Can Secure Our
Online Communication**



Dr. Dhananjoy Dey

Associate Professor,
Interim Dean (IPR) & Dean (A),
IIIT, Lucknow, India.

19th November 2020, Thursday

Login Time: 10:30 AM

Time: 11:00 AM- 12:00 PM

Platform: Zoom app

E-certificates will be provided to all the participants.

For queries, contact:

Pranika : 9910808602

Srashti : 8171420207

Prof. Swati Pal

(Principal)

Pictures of the webinar on "How We Can Secure Our Online Communication"

This screenshot shows a Zoom webinar in progress. The main video feed displays Dhananjay Dey, a man with glasses wearing a light blue shirt, speaking. The Zoom interface includes a top bar with a 'Recording' indicator and a 'Zoom Group Chat' window on the right. The chat window contains several messages from participants asking questions about online security, such as 'Detection of data ... what should we do then?' and 'if we will have so many different passwords then how will we remember them?'. The bottom toolbar shows 165 participants, a 'Share Screen' button, and a 'Leave' button.

This screenshot shows a Zoom webinar featuring Ritu Arora. She is a woman with glasses and dark hair, wearing a dark top, looking directly at the camera. The Zoom interface shows 137 participants and a 'Chat' button highlighted in orange. The background behind her includes a framed picture on the wall and a lamp.

Chrome File Edit View History Bookmarks People You are viewing Dhananjay Dey's screen View Options Thu, 19 Nov 11:17:58


drive.google.com/drive/u/0/recent

Secure Online Comm.pdf Open with Google Docs Attacks

Haldiram's Hit by Ransomware Attack

Haldiram's hit by ransomware attack, hackers asked for \$7.5 lakh

Shikha Salaria | TNN | Updated: Oct 17, 2020, 13:31 IST



NOIDA: Snacks manufacturer Haldiram's faced a ransomware attack on its servers by hackers who allegedly encrypted all its files, data, applications and systems and demanded a ransom of 7.5 lakh USD for giving access to the stolen data.

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complaint was filed to the cyber cell on

Join Audio Start Video Participants 222 Share Screen Chat More Leave

Zoom Meeting Recording View

Ritu Arora	sonali	Srishti gupta	Tanu Gupta	Teena
Dhananjay Dey	Rusheen khan	PSANIKA	Uzefa	Abha Jain
KIRTI	Prahlad Kumar	Archana A	Sharda Gautam	Khushboo
realme 7 pro	Srashi Malik	Charu Sharma	Ritu	Niki Sharma
Dr Prashobh Dsouza	lakshita, lidaan	Geeta	Grace	Palak

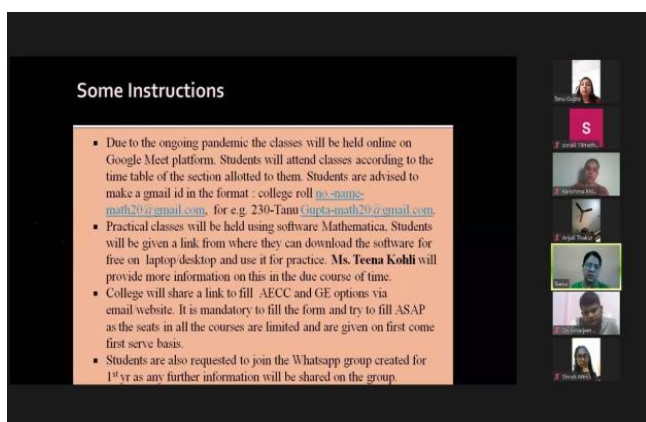
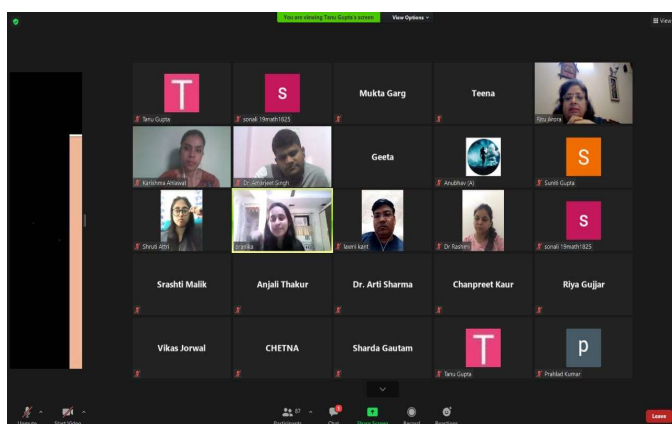
1/6 1/6

Orientation Program

The Department of Mathematics, Janki Devi Memorial College held its Departmental Orientation Program on 18th November, 2020. It was held virtually via Zoom app, an online platform. The program consisted of more than 80 attendees.

Newly admitted students were cordially welcomed by Dr. Ritu Arora, Teacher In-Charge of the department. Dr. Tanu Gupta introduced all the Faculty Members and Student Union Members to the freshers. The Faculty Members made the new students familiar to their respective subjects. Students were set free to ask their queries or doubts regarding the course and the college as well. All the queries were taken care of by the considerate faculty members.

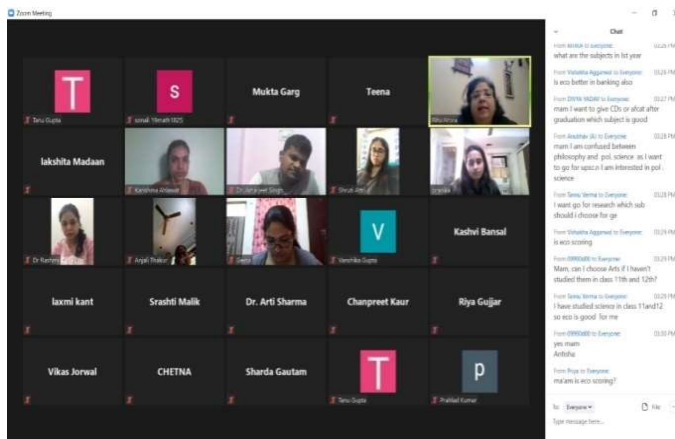
Pictures of Orientation

A screenshot of a Zoom meeting. On the left, a slide titled "Some Instructions" is displayed. On the right, a vertical list of participant thumbnails is visible. The slide content is as follows:

Some Instructions

- Due to the ongoing pandemic the classes will be held online on Google Meet platform. Students will attend classes according to the time table of the section allotted to them. Students are advised to make a gmail id in the format : college roll no -name-math20@gmail.com, for e.g. 230-Tanu Gupta-math20@gmail.com.
- Practical classes will be held using software Mathematica. Students will be given a link from where they can download the software for free on laptop/desktop and use it for practice. **Ms. Teena Kohli** will provide more information on this in the due course of time.
- College will share a link to fill AECC and GE options via email website. It is mandatory to fill the form and try to fill ASAP as the seats in all the courses are limited and are given on first come first serve basis.
- Students are also requested to join the Whatsapp group created for 1st yr as any further information will be shared on the group.

The vertical list of participants on the right includes: a woman, S (Sonal Thakur), a man, a woman, a man, and a woman.



Department Elections

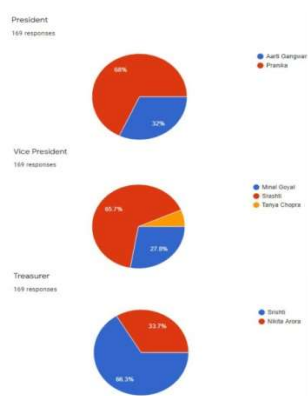
RADIAN-CE, The Mathematics Society conducted its annual departmental election for the year 2020-2021 on 6th November, 2020. The entire department set out to vote digitally (COVID times) via Google forms on 6th November, 2020 . The total number of votes casted by the students between 8:30 am – 11:45 am were 169. By 12:15 pm, the elections were concluded and the results were declared via Google meet, an online platform. Everything turned out to be so smooth, without any discrepancies and results were displayed with proper statistics as:

Pranika Batra - President

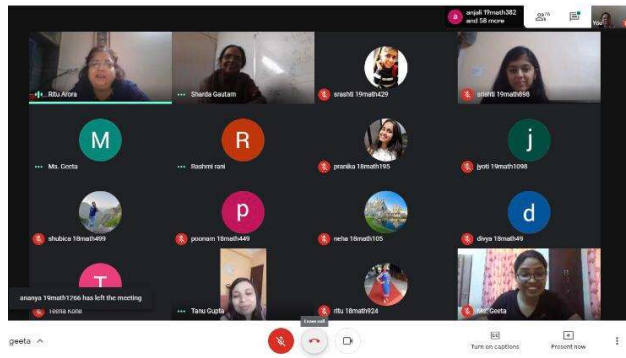
Srashti - Vice President

Srishti - Treasurer

Picture 1: Statistical view of results



Picture 2: Results declared via Google Meet



'Quizzard – The Game of General Trivia'

The Intra College level technical event "Quizzard" organised by Radian-ce, The Mathematics Society, Janki Devi Memorial College, University of Delhi, virtually via Zoom app on 31st October, 2020 in the presence of Dr Ritu Arora (Teacher In-Charge), Dr. Sharda Sharma Gautam and other faculty members of the Department of Mathematics.

The event is organised with the objective to provide platform for the students to showcase their talent with a competitive spirit.

The event was successful enough to attract as many as 75(approximately) registrations from various departments and attended by more than 85 students.

"Quizzard" was a general quiz competition where each student participated solely. The competition consisted of three rounds viz. Round 1(Elimination Round), Round 2 (Audio Visual Round) and Round 3 (Rapid fire Round). Round 1 was an online round through Google Form where the participants were given 30 multiple choice questions to be solved in 13 minutes. Total of 10 participants were selected to further compete in the Round 2. Round 2 was a 12 minutes round where a series of questions (based on Logos, Tag line of various companies and Puzzles) through images were given to the participants. In the final round i.e. Round 3, each of 6 shortlisted participant was given 35 seconds to answer a series of 5 questions. Based on this round, three participants were declared the winner of the event. The winners were encouraged with the gift vouchers worth Rs 1200, 1000 and 800.

The winners of the event are as follows:

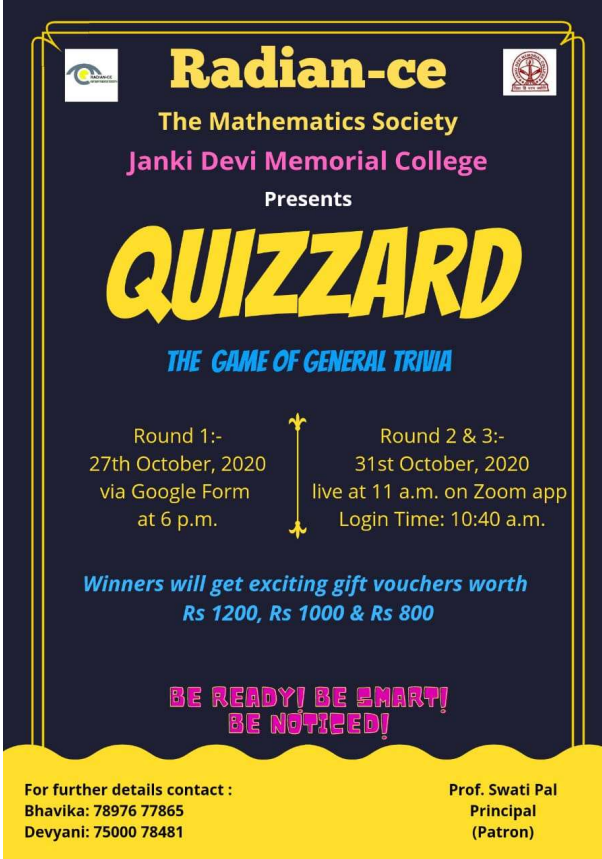
Winner- Aakanksha Singh

1st Runner-up- Jyoti

2nd Runner-up- Vidhi Mittal

The event turned out to be a great success with questions ranging from all spheres and was successful in keeping the audience engaged at all points.

Poster of the event.



The poster is for an event called "Radian-ce" presented by "The Mathematics Society" at "Janki Devi Memorial College". The event is "QUIZZARD" or "THE GAME OF GENERAL TRIVIA". It is divided into two rounds: Round 1 on October 27th via Google Form at 6 p.m., and Rounds 2 & 3 on October 31st live on Zoom at 11 a.m. with a login time of 10:40 a.m. Winners will receive gift vouchers worth Rs 1200, Rs 1000, and Rs 800. The poster includes logos for the Mathematics Society and the college, and contact information for Prof. Swati Pal, Principal (Patron).

Radian-ce
The Mathematics Society
Janki Devi Memorial College
Presents
QUIZZARD
THE GAME OF GENERAL TRIVIA

Round 1:-
27th October, 2020
via Google Form
at 6 p.m.

Round 2 & 3:-
31st October, 2020
live at 11 a.m. on Zoom app
Login Time: 10:40 a.m.

Winners will get exciting gift vouchers worth
Rs 1200, Rs 1000 & Rs 800

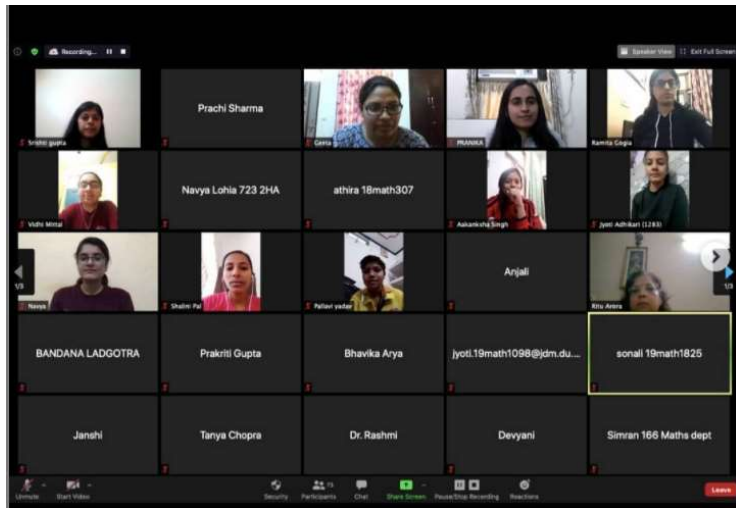
**BE READY! BE SMART!
BE NOTICED!**

For further details contact :
Bhavika: 78976 77865
Devyani: 75000 78481

Prof. Swati Pal
Principal
(Patron)

Pictures of Quizzard





National Webinar

on

"Impact of Diet on Health and Immunity"

Department of Mathematics in collaboration with the Internal Quality Assurance Cell (IQAC), Janki Devi Memorial College, University of Delhi organized a National Webinar for all the students, faculty and non-teaching staff on 08.10.2020. The topic of the webinar was **"Impact of Diet on Health and Immunity"**. The speaker of the day was Dr. Richa Garg, a renowned Dietician based in Delhi and Founder of Arogyam Nutrition.

Welcome note by Dr. Ritu Arora, Teacher In-charge, Department of Mathematics and introductory address by honorable Principal Prof. Swati Pal marked the beginning of the webinar. Dr. Shilpa Chaudhary (IQAC Coordinator) introduced the guest speaker.

Dr. Richa Garg explained in depth about the concept of a balanced healthy diet, its mental and physical outcomes. She recommended that we should include fresh fruits, vegetables, herbs, nuts and seeds in our daily diet to boost our immunity. She also touched upon the PMS and PCOD among teenage girls. The participants queries were answered towards the end of the session.

The programme saw an overwhelming response from the audience with over 375 attendees from different domains and colleges. The webinar ended with a vote of thanks proposed by Dr. Sharda Sharma Gautam.

Feedback, using Google form was also sought immediately after the event. The analysis of the responses from the participants revealed that **95% of the participants rated the webinar in the higher category** in the overall rating and **90% expressed willingness to attend such programmes in future.**

Poster of the webinar on "Impact of Diet on Health and Immunity".

JANKI DEVI MEMORIAL COLLEGE
(University of Delhi)

*IQAC and Department of Mathematics
invite
Students, Faculty and Non-Teaching staff to*

National webinar
on
**IMPACT OF DIET ON HEALTH AND
IMMUNITY**

Speaker
Dr. Richa Garg
(Nutrition and Wellness
Consultant)
Founder-Arogyam Nutrition
Since 2009

E-certificates will be provided to all the participants.

OCTOBER 8, 2020 | 12:00-01:00PM
LOGIN TIME-11:30AM | ZOOM APP

For queries, contact
Bhavika - 7897677865;
Devyani - 7500078481

Chief Patron
Prof. Swati Pal
(Principal)

Pictures of the webinar on "Impact of Diet on Health and Immunity".

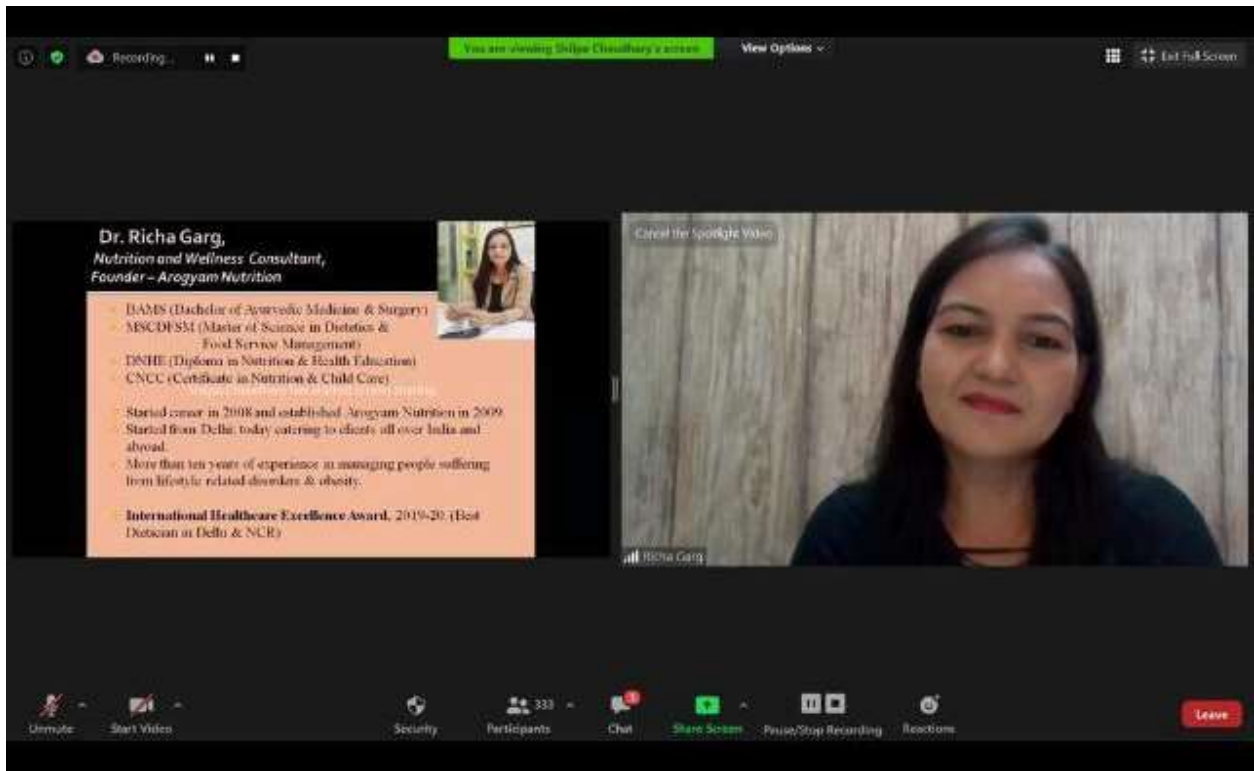
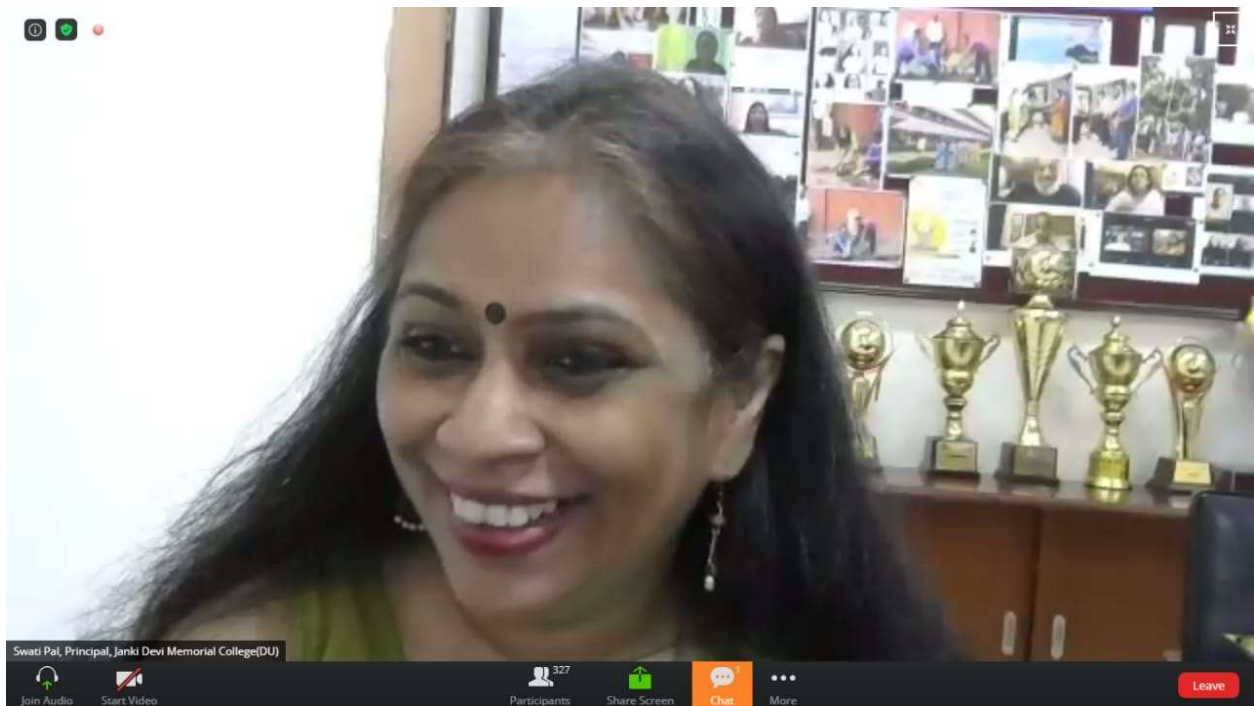
Recording You are viewing Tanu Gupta's screen View Options

Prof. Swati Pal,
Principal,
Janki Devi Memorial College (University of Delhi)

- Charles Wallace Scholar (1997 and 2008).
- John McGrath Theatre Studies Scholar (2005) at Edinburgh University.
- First Asian to receive the John Mc Grath award.
- Author of several books on Theatre, creative and academic writing
- Several of her newspaper articles articulate her views on education and her research in drama.
- Vice President of the Indian Association for Commonwealth Literature and Language Studies (IACLALS) and an Executive Body Member of the Indian Association for the Study of Australia (IASA).
- Has presented a number of papers at both national and international conferences.
- Recipient of several awards

Join Audio Start Video 283 Participants Share Screen Chat More Leave

Ritu Arora



Zoom Meeting

2 people entered the waiting room View

1/10

1/10

Unmute Stop Video Security Participants Chat Share Screen Record Reactions Leave

Type here to search

13:46 08-10-2020

You are viewing Richa Garg's screen View Options

SPECIFIC FUNCTIONS OF OMEGA-3 FATTY ACIDS-

- Prevents cancer by inhibiting tumor cell growth.
- Anti inflammatory effect especially in arthritis.
- Protects us by creating the healthy cell wall.
- Enhances brain function as 80% of the brain fat is omega-3.
- Prevents depression.
- Reduces the chances of getting Asthma.

Richa Garg

Join Audio Start Video Participants Share Screen Chat More Leave

Type here to search

13:46 08-10-2020

Zoom Meeting | You are viewing Richa Garg's screen | View Options

laxmi kant | arti 19math1151 | Bushra Saifi | Uzma Pthaan | noorafsa.polsci... | Prachi Sharma

ZINC

ANIMAL SOURCES

- Shellfish
- Oysters
- Seafood
- Dairy Products

PLANT SOURCES

- Wholegrains
- beans
- Kabuli Chana
- Cashew
- Pumpkin seeds
- Peanut butter
- Sesame seeds

Unmute | Start Video | Security | Participants (376) | Chat | Share Screen | Pause/Stop Recording | Reactions | Leave

Type here to search | 12:56 | 08-10-2020

Zoom Meeting | Speaker View

Participants (228)

Find a participant

Swati Pal, Principal, Ja...	devyani gusain	Shilpa Chaudhary	Richa Garg	Ritu Arora
Sushil	Surendra Kumar	Tanu Gupta	Teena	Dr. Sharda Sharma ...
Arav Bansal/08/...	Sonia Gandhi	Geeta	bhavika	Sushma bansal
Abha Jain	Muskan tanwar	Vidushi	Ananya Chandel	Pritika Goyal
Dr Rashmi	Muskan Chadha	Dr. Amarjeet Sin...	BANDANA LADG...	Isha gupta

Unmute | Stop Video | Security | Participants (228) | Chat (17) | Share Screen | Record | Reactions | Leave

Type here to search | 13:45 | 08-10-2020

The Department of Mathematics, Janki Devi Memorial College organized a first of its kind Virtual Farewell for its graduating batch of 2020. The event was held on 29th July, 2020 on Google Meet, an online platform. It was attended by the entire department, students as well as faculty.

The event was graced by Dr. Swati Pal, Principal, Janki Devi Memorial College who addressed the students and gave them a hearty farewell message. A lot of performances from both 2nd and 1st year students were displayed and much enjoyed by everyone.

The farewell was based on the theme “Bollywood Throwback” and was conducted in two parts. The entries for Round 1 were taken in advance and judged by the judges, Mr. Vikas Jorwal and Ms. Karishma Ahlawat. After the results were declared, Round 2 entries were taken and the results were announced on the day of the farewell along with Round 3.

Miss Farewell 2020- Nikita Kohli
First Runners Up- Ritika Jain
Second Runners Up- Juhi Jha

The event concluded with Dr. Ritu Arora, T.I.C giving a heartfelt farewell message to the graduating batch.

Farewell 2020



Picture 1: Farewell 2020 invitation.

Picture 2: The event being held on Google Meet.