

Details of Events organized by Mathematics Department

Mathematics society of Bharati College "*The Exponents*" organized various events in a span of three years (2017-20). The details of the events along with the photographs are as follows:

(2017-2018)

1. Activity no: 01/Maths dons/17-18

Activity Name: Intra College Quiz Competition

Date: 14th October 2017

Duration: 2-3 hours

No of Participants: 40





Intra College Quiz Competition was organized by the students of the maths department. This was the Inaugural event of Mathematics department. Student from various other courses of the college were part of this competition. Winners were awarded with cash prizes and certificates.

(2018-2019)

2. **Activity no:** 02/Maths honours/18-19
Activity Name: Excursion
Venue: Adventure Island, sector-10, Rohini
Date: 6th February 2018
Duration: 1 day
No of Participants: 67



A one day recreational trip to Adventure Island was organized by the union of the maths department. This trip was only for the students of mathematics department. Student were accompanied by the teachers of mathematics department.



3. **Activity no:** 03/Maths hons/18-19
Name of the Event: Seminar on Actuarial Sciences
Venue: Seminar Room, Bharati College
Date: 7th February 2018
Duration: 2 hours
No of Participants: 67



A seminar on Actuarial Sciences was organized with the aim to enlighten students about the field of actuarial science. **Mr. Manish Malik** from Alpha Plus Academy was invited to deliver a lecture regarding the same. Various aspects like preparation strategy for the exam, job market afterwards etc. were discussed. Students of B.Sc. (H) Mathematics and B.Com (H) attended the seminar.



4. **Activity no:** 04/Maths hon's/18-19
Activity Name: Comprehensive Dental Health Checkup program
Venue: Seminar Room, Bharati College
Date: 22nd February 2018
Duration: 5 hours
No of Participants: 30

A Comprehensive Dental health checkup program was organized by mathematics department in collaboration with “**Clove Dental- India’s Largest Dental Chain**”. The purpose of the event was to teach the attendees about basic dental health and to share some tips regarding maintainence oral hygiene. A free dental checkup was also available for the students.

A Gorgeous Smile, Now at Your Doorstep

COMPREHENSIVE DENTAL HEALTH CHECKUP PROGRAM
 Clove Dental - India's Largest Dental Chain
 210+ Clinics | 580+ Dental Experts
 ☎ 011 3355 3232 (Delhi NCR)

Re-650 Clove Dental Comprehensive Dental Health Check™ & Diagnostic RVG X-Ray COMPLEMENTARY	Flat Rs. 500/- Instant Cashback on all treatments (Excluding Implants, Dentures & Braces)
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*Terms and Conditions apply

Date : Thursday, 22nd February 2018
 Time : 10:00 am to 03:00 pm
 Venue: Bharati College Janakpuri

Nearest Clove Clinics
 Clove Dental (Janakpuri) : 61 - A, Block A-56A-5C, Mata Charman Devi Hospital Road, Janakpuri, New Delhi 110058
 Clove Dental (Janakpuri Hill Road) : No. 3, 2nd Floor, Next to Dominion, BF Block, Janak Puri, New Delhi - 110058





5. **Activity no:** 05/Maths hons/18-19
Activity Name: MATH-O-PEDIA 2018 FEST
Venue: Bharati College
Date: 27th February 2018
Duration: 6-7 hours
No of Participants: 45

The Mathematics Society of Bharati College

EVENTS :-

- Polynomial Operators
- Pirates On The Go
- Tattoo That Logic
- Majestic Suduko
- Exciting Fun Events

Win Cash Prizes & Exciting Gifts

The Exponents : Full of Power

Presents

The Much Awaited

MATH-O-PEDIA

Date : 27th February 2018
10 am onwards

Sponsored By :-

- Bharti tanejas
- clove: DENTAL
- Alpha Plus



CHIEF GUEST – Dr. Mukti Sanyal

The annual fest of the mathematics department for the year 2018 was organized under the name MATH-O-PEDIA by the students of the department. The event lasted for one day and was open to all, regardless of the course and college. A total of four events were organized which were as mentioned below-

1. Polynomial Operators- The fest started with a maths quiz named as “Polynomial operators” and was attended by students from across the university. Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.



2. Pirates on the go-The second event of the day was “Pirates on the go” which was a fun game that received a lot of attention. Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.



3. Tatto That Logic- The third and the seocnd last event of the power packed day was named as “Tattoo that Logic” ,which was a blend of mathematics and some fun games.The event received a lot of love and cheering form the attendees. . Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.



4. Majestic Sudoku- Finally the eventful day came to an end with the last event “Majestic Sudoku”, which was a sudoku competition with a lot of fun twists and turns. The event gained a lot of attention and loved by all the attendees. . Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.

6. **Activity no:** 06/Maths honours/18-19
Activity Name: Seminar on Civil Services Examination
Venue: Seminar Room, Bharati College
Date: 3rd September 2018
Duration: 2 hours
No of Participants: 76



A seminar on the topic “How to prepare for civil services examination effectively” was organized for the students of B.Sc. (H) Mathematics. The aim was to enlighten civil services aspirants about some basic tips and tricks that are required to crack the exam.

7. **Activity no:** 07/Maths honours/18-19
 Activity Name: Intra College Quiz Competition
 Venue: Seminar Room, Bharati College
 Date: 20th September 2018
 Duration: 2-3 hours

 No of Participants: 24

An Intra College Quiz Competition was organized by the students of the department. The theme of the quiz was based on the history and application of Mathematics. Students from all the courses participated in large number. Winners were awarded with cash prizes and certificates.



8. Activity no: 08/Maths hons/18-19

Activity Name: Workshop on LateX (Part I,II,III)

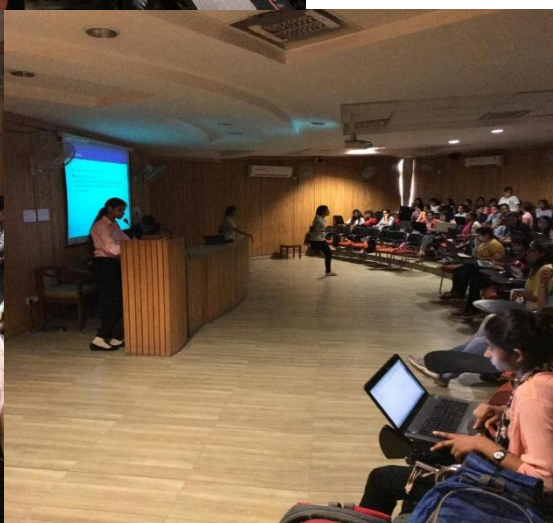
Venue: Seminar Room, Bharati College

Date: 24th September 2018, 11th Oct 2018, 26th October, 2018

Duration: 2 hours

No of Participants: 94

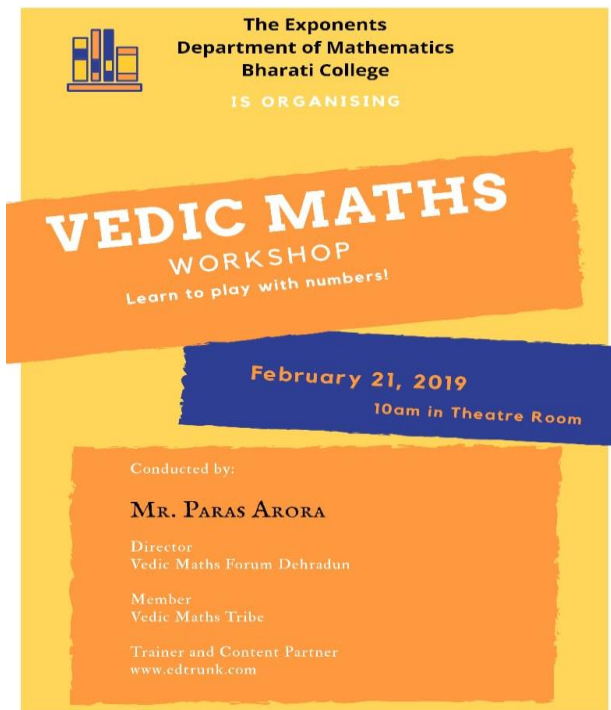
The department organized a series of workshop on typesetting Language LateX. The workshop was conducted in three parts. In the first part, students were given a brief idea about the language, its installation technique, its running, its application and extensive use. In second part demonstration on how to write a paper using LateX was covered. In third part, how to write a book was demonstrated. Along with that practice and problem solving sessions were also conducted. The aim of the workshop was to give better understanding of the language and software to the students. This workshop was very helpful as the topics covered were a part of course curriculum of B.Sc. (H) Maths. The workshop was conducted by the students of the department for their peer group with the help of teachers of the department.



(2019-2020)

9. **Activity no:** 09/Maths hons/19-20
Activity Name: Workshop on Vedic Maths
Venue: Seminar Room, Bharati college
Date: 21st February 2019
Duration: 2 hours

No of Participants: 117



A workshop on Vedic Maths was organized by the students of the maths department. Students from various other courses attended the workshop. The aim of the workshop was to teach students some tips and tricks to solve mathematics problems faster. The workshop was conducted by **Mr. Paras Arora** from **Vedic Maths Forum**





10. Activity no: 10/Maths hons/19-20
Activity Name: MATH-O-PEDIA 2019 Fest
Venue: Seminar Room, Bharati College
Date: 7th March 2019
No of Participants: 150(tentative)

CHIEF GUEST – Mr. Raj Kumar Solanki





The annual mathematics department fest for the year 2019 was organized under the name MATH-O-PEDIA 2019. It was a one day event and the event grabbed a lot of eyeballs. An impressive number of students from various different courses and from across the university attended the event. A total of six events were organized out of which two were online and the other four were offline. The events were as follows-

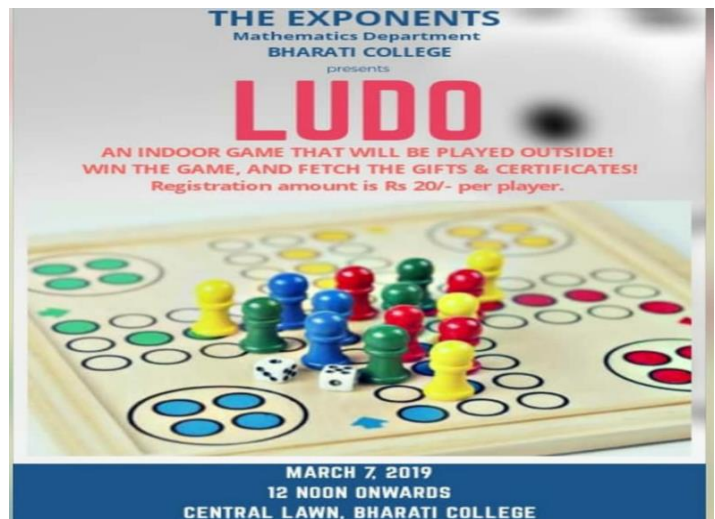
1. Mathematics wizard- The exciting day started with a unique maths quiz which was named as the "Mathematic Wizard". A good number of students from maths as well as other courses and colleges participated in the event. Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.



2. Picasso- The day went forward with the next event named as "Picasso", which was a tattoo making competition. The event became the showstopper with a maximum number of students registering for the event. Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.



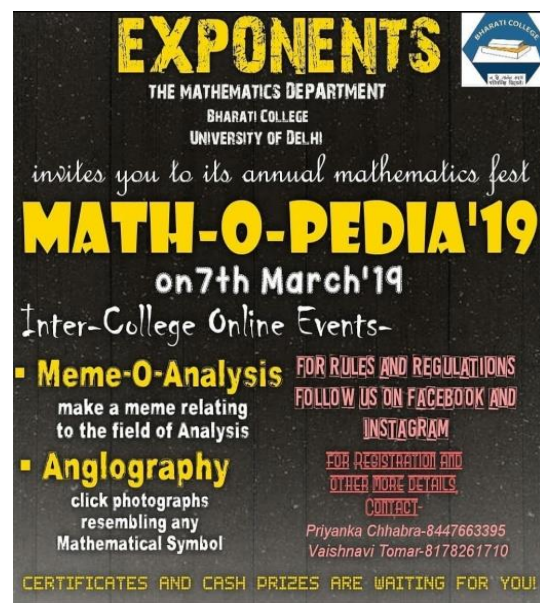
3. Ludo- The third event of the day was “Ludo” but with a twist, the game which is usually played indoor was made much more enjoyable by shifting it outdoors. This variation of ludo was enjoyed by all the participants and became a center of attraction. Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.



4. The Bond Affair- The Last offline event of the fest was “The Bond Affair”, which gave the participants a platform to showcase their logical thinking skills .The event gained a lot of attention and was successful in getting a good number of registrations. Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position. With this the fun-packed day came to an end.



5. Meme-o-Analysis- Unlike the offline events, the two online events continued for one full day, the first of which was named as “Meme-O Analysis”, in which the participants had to make online memes related to mathematics. The competition became quite a sensation on online platforms like instagram and facebook. Participation certificates were given to all the participants. Cash prizes and winning certificates were given to students who secured 1st, 2nd and 3rd position.



6. Anglography- The second online event was a photography competition named as “Anglography”, which required participants to click photographs resembling mathematical symbols. The competition became an instant hit on social media platforms like instagram and attracted a hefty number of participants.

11. Activity no: 11/Maths hons/19-20

Name of the Event: Wolfrom Mathematica Seminar

Venue: Seminar room

Date: 25th Sept 2019

Duration: 2 hours

No of Participants: 58

A seminar on Wolfram Mathematica was organized by the students of mathematics department .The seminar was of great help to the students as wolfram mathematica is a part of the syllabus of B.Sc.(H) Mathematics.



12. Activity no: 12/Maths hon/19-20

Activity Name: Movie Screening [GIFTED]

Venue: Seminar Room

Date: 5th November 2019

Duration:3 hours



A Special screening of the movie "Gifted" was organized by the students of the department. This movie is based on the girl which extra ordinarily excellent in mathematics.

13. Activity no: 13/Maths hons/20-21

Activity Name: Trip to Camp Deva farms

Date: 24th January 2020

Duration: 1 day

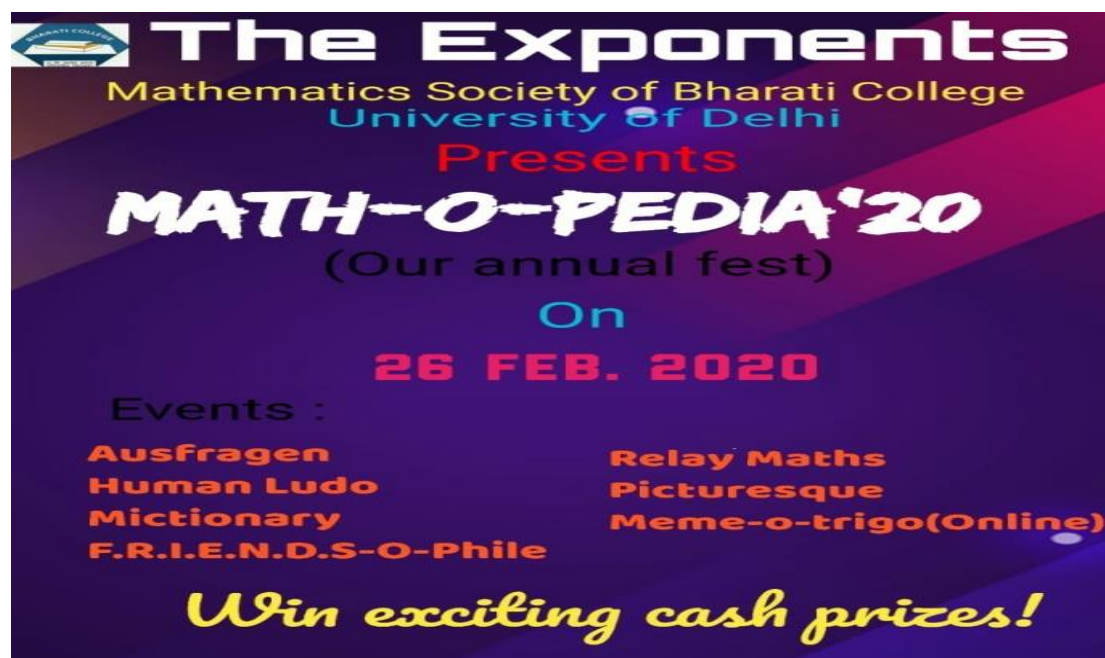
A one day short trip to the Deva Farms was organized by the students of the mathematics department. The students were accompanied by the teachers of the mathematics department. Students enjoyed various activities like camel ride, pottery, rock climbing, and cherished delicious meals cooked in authentic village style by the locals themselves.



Activity Name: MATH-O-PEDIA 2020 Fest

Date: 26th February 2020

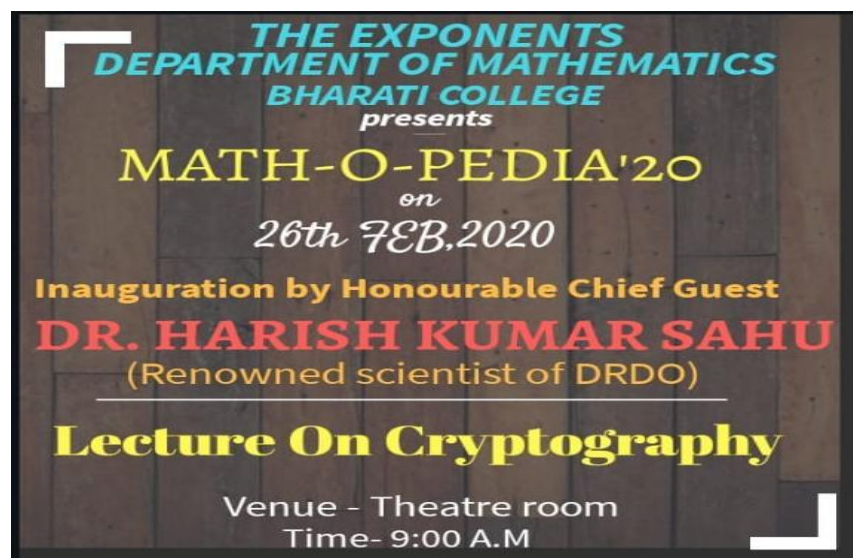
Duration: 1 day

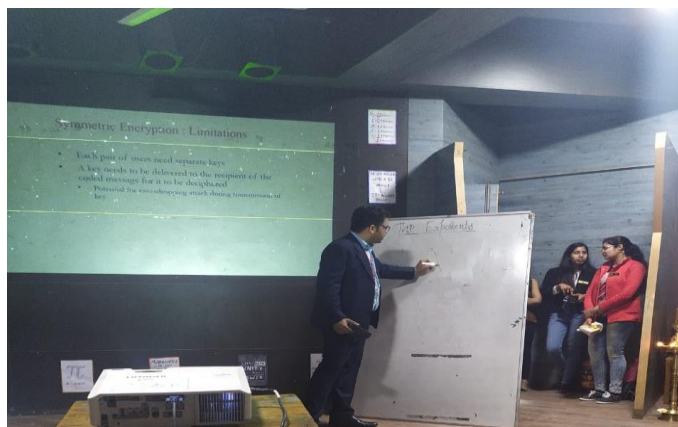


CHIEF GUEST – DR. HARISH KUMAR

On the day of Fest one small seminar was conducted by maths department on the topic “Cryptography” (protecting information and the method of communication through codes) by the speaker and our chief guest Dr. Harish Kumar Sahu. He enlightened us with his immense knowledge.

The seminar was so helpful and interesting that everyone start getting curious about the topic. At the end of the seminar each one of us know the importance and use of cryptography.



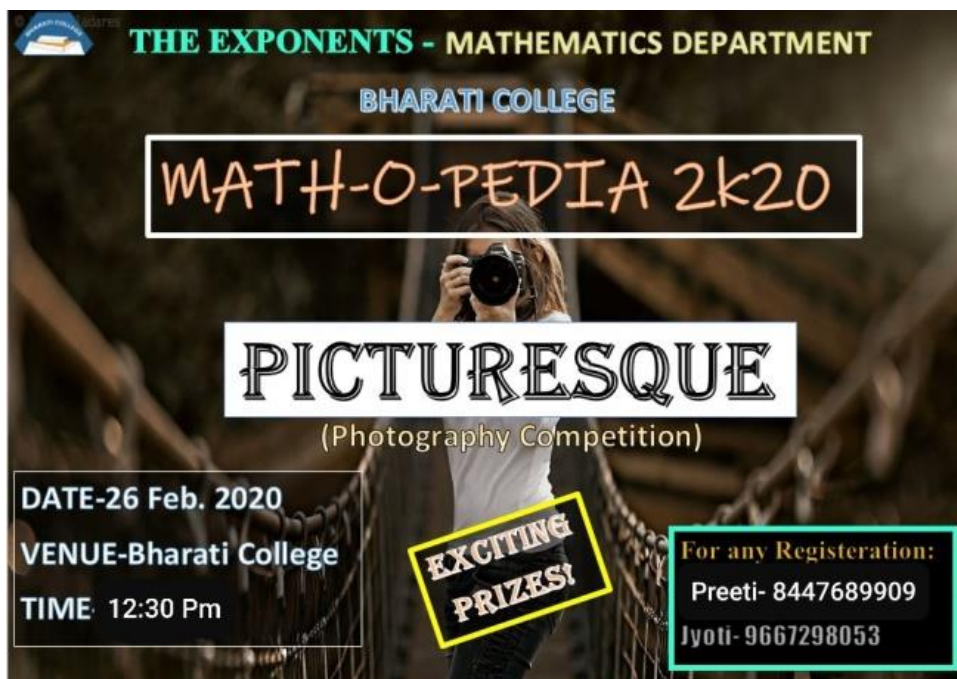


The annual fest of the mathematics department for the year 2020 was organized under the name MATH-O-PEDIA by the students' union along with the help of students of the maths department. Seven events were conducted on the day of the fest out of which two events were online and the other five were offline events.

The events were open to students of all courses from across the university.

The two online events lasted for one full day. The online events that gained great popularity on social media platform and managed to get a good number of registrations were as follows-

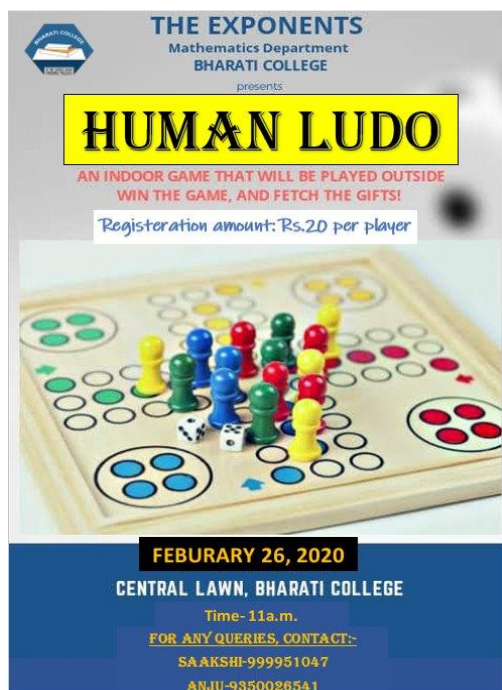
1. Picturesque- The "Picturesque" was an online photography competition which required participants to click pictures resembling mathematical symbols. Participation certificates were given to every participant and cash prizes and winning certificates were given to students who secure 1st, 2nd and 3rd, position.



2. Meme-O-Triogo - "The Meme-o- Trigo", was an online meme competition in which participants were required to make meme relating to trigonometry. Participation certificates were given to every participant and cash prizes and winning certificates were given to students who secure 1st, 2nd and 3rd, position.
3. Relay Maths – The series of offline events started with a fun sporty game named as "Relay Maths". The event provided a great punch of excitement and enthusiasm for the participants and received large number of registrations. Participation certificates were given to every

participant and cash prizes and winning certificates were given to students who secure 1st, 2nd and 3rd, position.

4. Human ludo-Second event in line was the “Human ludo”, which was an interesting and power packed variation of the general ludo which is played indoors. The event was one of the most talked about events of the fest due to its uniqueness. Participation certificates were given to every participant and cash prizes and winning certificates were given to students who secure 1st, 2nd and 3rd, position.



5. Mictionary- The third offline event was the “Mictionary”. The event saw a huge number of participants and was highly successful. Participation certificates were given to every participant and cash prizes and winning certificates were given to students who secure 1st, 2nd and 3rd, position.

6. Friends-O-Phile -The second last event of the day was “friends -O-Phile”, the event was a treasure hunt with some exciting maths twists. The event was liked and appreciated by all the participants. Participation certificates were given to every participant and cash prizes and winning certificates were given to students who secure 1st, 2nd and 3rd, position.



15. Activity no: 15/Maths honours/20-21

Activity Name: Paper Presentation (online)

Date: 13th May 2020

Duration: 2 hours

No of Participants: 98

To ensure that the students remain engaged in some fun activities while sitting in their homes, The mathematics department organized an online paper presentation on the topic -a. Application of real Analysis and b. Application of mathematics in the real world. The activity was loved by the students of the department as it encouraged them to be creative in a time of stress and despair.



16. Activity no: 16/Maths honors/20-21

Name of the Event: Webinar on trends in IT

Date: 15th May 2020

Duration: 2-3 hours

No of Participants: 125

A webinar session was organized by the students of the department in the period of lockdown when offline activities were not allowed. It provided students with all the necessary and relevant information regarding Information technology. The main guest speaker of the session was Dr. Richa Bhargava, supported by Dr. Aruna Jain, Dr. Sarita Kadian and Dr. Anubha Bhargava.



Department of Computer Science
In collaboration with
Department of Mathematics
Bharati College
Presents



WEBINAR
On
CURRENT TRENDS IN INFORMATION TECHNOLOGY
Date : 15 May 2020 | Time : 12 : 00 pm | Venue : Google meet
SPEAKER : DR. RICHA BHARGAVA
Adjunct Faculty (Associate), ICFAI Business School (IBS) Gurugram
E - Certificate will be provided to the attendees

Convenor : Dr. Aruna Jain	For any query contact :
Co-Convenor : Dr. Sarita Kadian	Dr. Garima Yadav - 8130144333
Dr. Anubha Bhargava	Ms. Meenakshi Gupta - 9717390370
Organising : Dr. Garima Yadav	
Committee Ms. Meenakshi Gupta	

17. Activity no: 17/Maths hons/20-21

Activity Name: Webinar on Brain Training in math

Date: : 24th May 2020

Duration: 2-3 hours

No of Participants: 167

A webinar session was organized by the department to keep students involved and active during the lockdown period .The topic of the session was Brain training with math exercise .The speaker of the session was Neelakantha Bhanu Prakash who is also known as the fastest human calculator. The session was loved by all the attendees.



18. Activity no: 18/Maths honours/20-21

Activity Name Webinar on Applications of mathematics

Date: 29th May 2020

Duration: 2-3 hours

No of Participants: 250

A webinar session on the topic “Applications of mathematics” was organized by the department to keep students engaged in the lockdown period. The speaker was Professor Leopoldo Eduardo Cardenas- Barron, From the Department of Industrial and Systems Engineering, School of Engineering and Sciences, Mexico. The session was attended by a good number of attendees and appreciated by all.

Department of Mathematics
BHARATI COLLEGE
UNIVERSITY OF DELHI
Presents
WEBINAR
on
Some Applications of Mathematics to Analyze
and Solve Problems of Real Life
DATE : MAY 29, 2020 | TIME : 9:00 AM | VENUE : GOOGLE MEET
Speaker : **Professor Leopoldo Eduardo Cárdenas-Barrón**
(Department of Industrial and Systems Engineering, School of
Engineering and Sciences, Tecnológico de Monterrey,
Monterrey, Nuevo León, México)
E-Certificate will be provided to all the participants.
Convenor : Dr. Aruna Jain
Co-convenor : Dr. Ankit Gupta
Co-ordinator : Ms. Meenakshi Gupta
For any query :
E-mail: meenakshi.gupta@bharati.du.ac.in
Dr. Ankit Gupta : 9999379515
Ms. Meenakshi Gupta : 9717390370

19. Activity no: 19/Maths honours/20-21

Activity Name: Meme Battle

Date: 18th - 22th May 2020

Duration: 4 days

No of Participants: 22

A meme battle in which memes on online classes were posted on social media handles. And the winner is decided on the basis of: Originality, Theme orientation, humour/Sarcasm, Maximum Numbers of Likes and comments (Total of Instagram and Facebook handles). The one with maximum no. of points will win (1 like=1 point and 1 comment =2 points). E-certificates were given to the winners on 23rd Oct, 2020. The participation was quite nice.



20. **Activity no:** 20/Maths honours/20-21

Activity Name: Movie screening

Date: 3rd Dec, 2020

Duration: 2-3 hours

No of Participants: 100

A Special screening of the movie "Gifted" was organized by the students of the department in order to welcome freshers. The movie was 'The Pursuit of Happiness', Will Smith stars in this moving tale inspired by the true story of Chris Gardner, a San Francisco salesman struggling to build a future for himself and his 5-year-old son Christopher (Jaden Smith).

EXPONENTS

presents

The screening of



Date: December 3, 2020
Time: 03:00pm

Google meet link will be shared

21. Activity no: 21/Maths hors/21-22


Activity Name: Webinar on Vedic Mathematics

Date: 3rd Feb, 2021

Duration: 1 hour

No of Participants: 250

This webinar was organized by Dr. Anuradha Gupta to highlight the benefits of Vedic Mathematics as it helps in making calculations faster and easy. Its was organized on a google meet on 3rd February, 2021. Sessions was very interactive students enjoyed and gain knowledge at the same time. E-certificates were provided for the participation.



Bharati College
University of Delhi

The Exponents
Mathematics Society
Presents
WEBINAR BY
Dr. Anuradha Gupta
(Principal, Delhi College of Arts and Commerce)
(Speaker)

Topic : Vedic Mathematics

Date: 3rd February, 2021 **Time: 10am -11:30am.**

Dr. Rekha Sapra
(Officiating Principal)

Convenor
Dr. Aruna Jain
(TIC, Department Of Mathematics)
(Associate Professor)

Co-Convenors
• **Ms. Meenakshi Gupta**
(Assistant Professor)
• **Dr. Anubha Bhargava**
(Assistant Professor)

Organising Committee Members

- **Dr. Ankit Gupta**
(Assistant Professor)
- **MS. Pooja Khoda**
(Assistant Professor)
- **Dr. Anuj Kumar**
(Assistant Professor)
- **Palak Pandey**
- **Sanjana Sengar**

GOOGLE MEET LINK:
<https://meet.google.com/ohd-gcho-hxd>

For other queries contact:
Palak: 9971067462
Sanjana: 6388294101. **E-CERTIFICATES WILL BE PROVIDED**

22. Activity no: 22/Maths hons/21-22

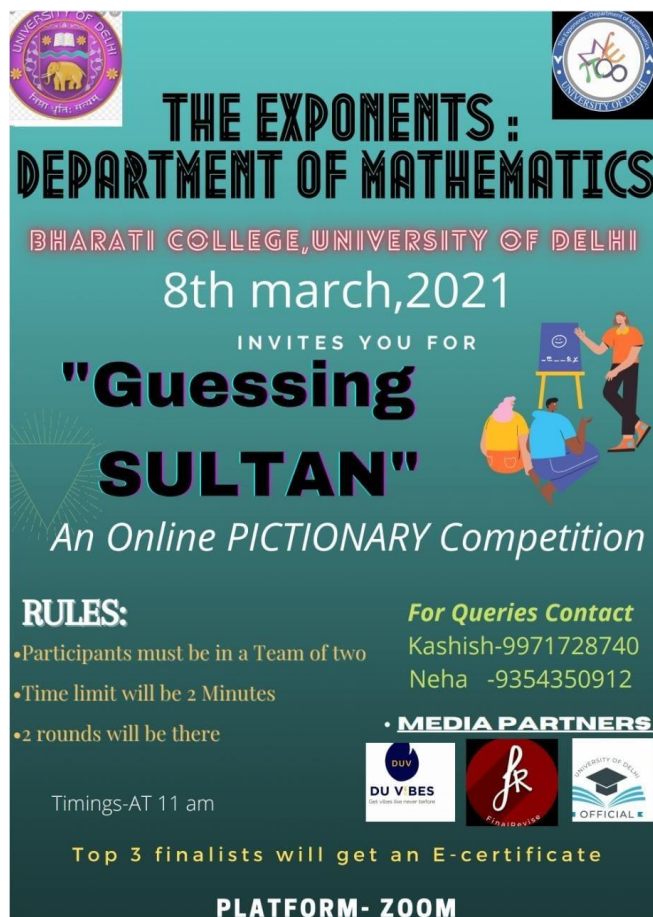
Activity Name: Guessing Sultan (A pictiory competition)

Date: 16th Feb, 2021

Duration: 2-3 hours

No of Participants: 32

This was a Pictiory competition in which participants have to come in pairs. There were 2 rounds, in first round participants had 2 minutes and the ones with maximum correct answers went to next round. That was a fun event everyone enjoyed, participants from other colleges praised our idea of that event.



23. Activity no: 23/Maths honours/21-22

Activity Name: Ausfragen (Online mathematical quiz competition)

Date: 16th Feb, 2021

Duration: 2 hours

No of Participants: 40

This was an online mathematical quiz competition so that students can test their skills and at the same time they can have fun. Competition was comprised of 2 rounds both of one hour each. Winners got e-certificates and this was an university level competition for 2nd and 3rd year students.



24. Activity no: 24/Maths honours/21-22

Activity Name: Trivia Eve

Date: 5th Mar, 2021

Duration: 2 hours

No of Participants: 28

This was an online quiz competition which helped students to access their exemplary knowledge.

This event consists 2 rounds first was of 'General mental ability' and second was of 'Logical deduction & non-verbal reasoning'. First round has 40 questions and other had 25 questions. This event helped freshers in exploring the fun side of the college.



25. **Activity no:** 25/Maths honors/21-22

Activity Name: Latique (A quiz on latex)

Date: 12th Mar, 2021

Duration: 2 hours

No of Participants: 12

This was a quiz competition based on latex. This quiz comprised of 2 rounds all undergraduate and postgraduate students participated in this quiz competition. This was a fun activity which enhances the ability of document preparation in students. It was accessed through a google form with some questions.



The Exponents : Full of Power



DEPARTMENT OF MATHEMATICS

BHARATI COLLEGE , UNIVERSITY OF DELHI

Presents



A quiz on LaTeX

12 march, 2021

★ E-certificate for first 2 winners

ROUND 1- 11:00 AM-11:30 AM :- GOOGLE FORM

ROUND 2 - 5:00 PM- 6:00 PM :- GOOGLE MEET

For queries contact:

Anju : 9350026541

Neha : 7291953061

