

# Department of Mathematics: 'Mathematics Society: ANANTATA'

TIC: Ms. Neelam Bareja

Society Convenor: Dr. Abhishek Kr Singh

## Office Bearers 2022-23

Post	Name	Course
President	Chaitika Bhatnagar	B.Sc. III Year
Vice-President	Anushka Adarsh and Muskan Saini	B.Sc. III Year
Secretary	Pooja Sharma	B.Sc. II Year
Treasurer	Anshu	B.Sc. II Year
Technical Head	Shweta Mehta	B.Sc. III Year
Technical Head Team Member	Ashmita Gangwar	B.Sc. II Year
Technical Head Team Member	Eesha	B.Sc. III Year
Class Representative	Neeru	B.Sc. III Year
Class Representative	Ekta Pandey	B.Sc. II Year
Class Representative	Aashvi Agrawal	B.Sc. I Year

To celebrate the 100 years of excellence of Delhi University, Department organized the following activities:

### Activity: 1 Paper Presentation Competition

ANANTATA, The Mathematics Society organised Paper Presentation Competition based on Theme: Eminence of Indian Mathematicians on September, 27, 2022. The competition was judged by External Judge Dr. Harindri Chaudhary, Associate Professor, Department of Mathematics, Deshbandhu College and Internal Judges Dr. Anju Gupta and Mr. Hari Kishan Bhardwaj. The external judge was felicitated with honorarium and planter. Twenty One teams participated in the competition that includes eight teams from other colleges. Certificates were given to all the participants and cash prizes to all winners. Prize details are as follows:

<b>1st PRIZE: RS. 1400/-</b> Team – The Irrationals Member 1- Eesha Member 2- Riya Pandey College- Kalindi College	<b>2nd PRIZE: RS. 1000/-</b> Team – Epsilon & Delta Member 1- Prachi Sinha Member 2- Vipul Tehria College – Hansraj College	<b>3rd PRIZE: RS. 500/-</b> Team – Team Infinity Member 1- Manisha Sharma College- Kamala Nehru College
<b>Consolation PRIZE: RS. 300/-</b> Team – Gargi Member 1- Niharika Member 2- Kinjal College- Gargi College	<b>Consolation PRIZE: RS. 300/-</b> Team – Blue Duo Member 1- Akshi Sharma Member 2- Jigyasa Srivastava College- Lady Shri Ram College For Women	<b>Best Presenter: RS. 400/-</b> Team- Integreats Member 1- Sana Dhiman Member 2- Aysha Nadeem College- Kalindi College
<b>Best Interjecter: RS. 200/-</b> Ms. Eesha Ms. Pooja Sharma College- Kalindi College Mr. Vipul Tehria College-Kalindi College	<b>Best Interjecter: RS. 200/-</b> Ms. Eesha Ms. Pooja Sharma College- Kalindi College Mr. Vipul Tehria College-Hansraj College	

## **Activity: 2 'IMPETUS 2.O': An Alumni Interaction Session**

ANANTATA, The Mathematics Society organised 'IMPETUS 2.O': An Alumni Interaction Session in blended mode on October, 12, 2022 in Seminar Room. Total 9 alumni from academic and private sectors were invited to interact with students. 3 alumni joined offline and others joined online. The interaction was started with the introductory speech by Ms. Neelam Bareja and Dr. Abhishek Singh. Thereafter all the alumni shared their memories and experiences of the college and delivered great tips for career in Academics and Corporate life. The Alumni interaction is organised to reconnect with the alumni and know their success and various achievements.

## **Activity: 3 National Symposium on Prodigious Ligature Between Ancient Mathematics and Artificial Intelligence**

ANANTATA, The Mathematics Society organised a “National Symposium on Prodigious Ligature Between Ancient Mathematics and Artificial Intelligence” on 17<sup>th</sup> October, 2022 in Seminar Room. Four speakers were invited and Ms. Neelam Bareja gave the welcome speech. All speakers were presented with a memento, honorarium and a planter as a token of regards.

- i. Mr. Ved Veer Arya Ji (Joint Secretary and Additional Financial Advisor at DRDO)** delivered a keynote speech on “Archeoastronomy and Surya Siddhanta”. He gave insightful knowledge on astronomy of ancient culture and motion of various planets.
- ii. Mr. R. K. Singh Ji (Former Engineer-in-Chief, Doordarshan, ICT and Broadcast Media Consultant)** brilliantly spoke on the topic “Artificial Intelligence and Vedic Mathematics”. He gave a deep knowledge on machine learning, data science and vedic mathematics.
- iii. Dr. Arindam Bose (Associate professor at Center of Excellence in Teacher Education, TISS, Mumbai and also collaborative professor in the Postgraduate Programme of Mathematics and Science Teaching (PECMA) in Federal University of Sao Paulo (UNIFESP), Brazil)** gave a deep knowledge on “Mathematics in Cultural Practices”. The session was conveyed through a visually engaging and interactive presentation. “Practice within a culture affect understanding” he explained. It was indeed a knowledgeable one.
- iv. Mr. Jagdish Rai Garg Ji (Ex-faculty from Kurukshetra University)** delivered on the topic “Ancient Mathematics”. He gave valuable insight and words of wisdom on Ancient Mathematics.

Seventy students participated off-line and 10 students joined on-line in this event. The e-certificates were given to all participants. All participants were motivated by the symposium.

## **Activity: 4 Fresher's Orientation**

Department of Mathematics has organised Fresher's orientation for students on November, 02, 2022, 11 AM in Room No. 17. The programme was commenced with speech by Teacher In-charge *Ms. Neelam Bareja* followed by other faculty members and office bearers of the Mathematics Society. TIC explained the course structure and pattern of study through a presentation. Other faculty members have delivered witty and wise tips to shape the career during graduation. Office bearers explained mathematics society at length and its activity plan of the year.

### **Activity: 5 Lecture on “Glimpses of Space Research”**

ANANTATA, The Mathematics Society of Kalindi College organised a lecture on the Glimpses of Space Research by **Prof. Hari Om Vats Sir (Founder, Director of Space Education and Research Foundation)** on 11<sup>th</sup> November, 2022 in Seminar Room. He started with sharing information about different educational institutions which works for the space development. He delivered a keynote lecture and gave deep insight of how structure of Sun and various other planets works. His lecture was presented via power point presentation including graphics, images and videos. The students attended the whole event keenly and they showed their eagerness towards the session by asking many questions and doubts. Fifty-four students participated in this event.

### **Activity: 6 Value-Added Course on Vedic Mathematics**

Department of Mathematics of Kalindi College in collaboration with Shiksha Sanskriti Uthyan Nyas organized an inauguration ceremony to start the Value added course in Vedic Mathematics on 5th January, 2023 in Seminar Room. This event was witnessed by Value Added Course Convenor Dr. Rini Pundir, all faculty of department, 2nd and 3rd Year Students of various Departments. Invited speaker **Mr. Anil Kumar Thakur** was welcomed and presented with a planter as a token of regards.

He delivered an Informative and detailed lecture about Vedic Mathematics. He started with how Vedic mathematics can be used for faster calculations and its scope. He presented via a PowerPoint presentation including graphics, images and videos. The students attended the whole event keenly and with interest. This 30 hrs. course is going on in blended mode from 07/01/2023 on each Saturday. Fifty-five students have registered in this course.

### **Activity: 7 Mathematics Day**

Department organized “Mathematics Day” on December, 22, 2022 in Mathematics Lab (Room No 24). National Mathematics Day has been celebrated every year on **22<sup>nd</sup> December** to mark the birth anniversary of Srinivasa Ramanujan. A portray of Srinivasa Ramanujan was released by faculty members. Students presented some papers related to the glory of Ramanujan and Indian Mathematics. Teachers discussed about Srinivasa Ramanujan and his research.

### **Proposed Activities:**

Some of the proposed activities of the society: Department fest: Math-e-magic on 21<sup>st</sup> March, 2023 and Farewell to 3<sup>rd</sup> years students in April, 2023.