

Academic Year 23-24

The Mathematics Association Affine started off the session with the Teachers' Day celebrations on 5th September, 2023. Further, Mathematics students managed to experience yet another unique experience with the visit to the New Parliament House on 21st September, 2023 organised by the Students' Union where students were accompanied by Dr. Seema Khurana (TIC of Dept of Mathematics, 2023-24). On 4th October, 2023, the association organized Mathwizzer- The Documentary Screening and Quiz Competition revolving around Women Mathematicians. The event aimed to provide a platform for the students to showcase their knowledge and computational skills and learn about the women in their field of study.



A Career Counselling Session with Chem Academy took place on 10th October, 2023 with Guest Speaker Mr. Pravesh Tomar. The session included various insights drawn from real life situations and motivated students for their future journey. Further, the department of Mathematics organized a five days' workshop during October 11, 2023 to October 18, 2023 on Vedic Mathematics. The workshop was very informative and beneficial for students.



Affine's next highlight for the session was **Mathshot 2.0- The Photography Competition** with a twist. It was the first event of the year that was open for students all over Delhi University attracting a large audience on 22nd November, 2023. Various interpretations given by participants of the objects around us left everyone speechless.



In order to keep students aware about various future opportunities, another Career Counselling Session with Unacademy was conducted on 23rd February, 2024. Mrs. Tejal Khandelwal, PSIR Optional Faculty, was the esteemed Guest Speaker who guided students from across all the departments with meaningful strategies for the most renowned examination of India, Civil Services Examination. Our students got opportunity to witness the Indian International Science Festival, 2024 on 17th January, 2024. They experienced the numerous tableaus and presentations which were set up there by various prestigious institutions including but not limited to ISRO and DRDO.



The much-awaited annual fest “Shoonya” was celebrated on 7th March, 2024 in all its glory. The fest started with the speaker session by Prof. Satish Verma, SGTB Khalsa College. The speaker provided a detailed insight into Mathematical Modelling using excel, particularly the

features of goal-seek and solver. Furthermore, many competitions and fun filled activities were organized to entertain students. The fest was a huge success winning praise from the attendees.

The year came to an end with the Alumni Conclave which took place on 30th April, 2024 with our alumna Ms. Pratibha (UPSC CSE'23, AIR 356) as the esteemed guest. With her immense experience and expertise in the field, she captivated the attention of the audience. Last but not the least, a farewell party for third year students was organized to wish them good luck for their future endeavour. On this occasion, the second and first-year students expressed their love and gratitude towards their seniors.



Academic Year 2022-23

The Mathematics Association Affine started the year with its most celebrated event – Freshers'23 with the theme “Relation and Integration of 1990's and 2023” to initiate the thrill and excitement with inviting the newbies to step-up from their comfort zone and evolve through Affine.



The annual fest “Shoonya” was organised by the association on 20 March 2023 with great zeal and enthusiasm. On the occasion, a lecture was delivered by Prof. Ajay Kumar, an esteemed dignitary who works as a senior scientist at National Academy of Sciences, India (NASI) on the topic “Completeness Property of Real numbers”. Numerous fun filled academic activities were organised by the students to entertain the students.



Association also organised a session with Chahal Academy on taking up UPSC as a career option and a session with Dips academy on how to prepare for IIT JAM. The sessions were well received by students and motivated them towards various career options.

Academic Year 2021-22

The association organised a webinar on “Current trends in Science and Technology” on 3rd September, 2021 from 2:30 to 4:00 p.m. on Google meet. The keynote speaker of the webinar was Dr. S.K. Varshney, who is currently designated as Advisor and Scientist at Department of Science and Technology, Government of India. The webinar was attended by around 150 students.



The association organised a webinar on “Mathematical Modelling, Artificial Intelligence and Machine Learning” on 22nd September, 2021 from 2:30 to 4:00 p.m. The guest speaker was Prof. T.V. Vijay Kumar who is the Professor and Dean of School of Computer and System Sciences, Jawaharlal Nehru University with keen interests in Databases, Data Warehousing, Data Mining, Machine Learning, Nature Inspired Algorithms, Disaster Management, Big Data and Analytics.

The Department of Mathematics also organised a lecture on the topic “Beauty of Mathematics” by Prof. Shabd Sharan Khare, Retd. Professor, Department of Mathematics, North Eastern Hill University (NEHU), Shillong on 21st October 2021. The lecture gave the students an insight into the beauty of mathematics in nature like occurrence of Fibonacci numbers as sizes of leaves and beauty of symmetry.

Shoonya, the annual fest of Mathematics department was held on 2 April, 2022 in an online mode via Google meet. An informative talk was delivered by our guest speaker, Dr. Rashmi Bharadwaj, on the topic “Bridging the gap for solving real life problems”. For a high-octane dose of enthusiasm and entertainment, events like Ad-mad, Treasure Hunt, Mathematical

Tambola and Mathematical quiz were organised for the students.

