



Miranda House

UNIVERSITY OF DELHI

Society Annual Report

Society Activities

Society: Sankhya Mathematics Society

Year: 2019-2020

Student Office Bearers: Aparajita Shah (President)- Batch(2017-2020)
Jahnvi Godara (Vice President)- Batch(2017-2020)
Divya Gupta (Treasurer)- Batch(2018-2021)
Snigdha Tiwari (General Secretary)- Batch(2018-2021)

Staff Advisors: Dr. Monika Arora, Ms. Apeksha

Part A.1

Events/Seminars/conferences/workshops/Extension Activities organized

1. A workshop on RESUME WRITING was organized jointly by the department of Mathematics, Miranda House and the placement cell in association with the T.I.M.E. Institute, on 9 September 2019.
2. SUDOKU WARS 2.0 was organized by the Department of Mathematics on 26 August 2019. This was an extension activity organized by the department of Mathematics for the Freshers.
3. The Annual Freshers' Welcome party was held on 23 August 2019 in which all the students of first year, second year and the third year participated. Various activities were organized by the second and third year students.
4. Famous National teachers day was celebrated by the students of the department on 5 th of September 2019 as a mark of respect and appreciation for the teachers of the department.
5. Department trip was organized from 12-15 September to Rajasthan, accompanied by Dr. [Manjari Srivastava](#), Dr. Ritu Gupta and Dr. Shweta Gandhi.
6. A two day workshop on "CALCULUS-The Geometrical way", was organized by the department on 19-20 September 2019, in order to provoke the ideas and concepts of Calculus from a geometrical perspective. The invited speakers were Professor K. Sandeep from TIFR



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and Dr. R. Panda from University of Delhi. The workshop was organized in association with the Indian Mathematical Consortium.

7. Department of Mathematics organized an open interaction session with Mr. Satender Singh, 25 September 2019. He cleared the UPSC exam with an AIR 714 in April 2019.
8. A talk was organized by the department on “Undergraduate Research at the US Universities” on 7 January 2020. Professor Sat Gupta, Head of the department of Mathematics and Statistics, University of Carolina, Greensboro was present as the speaker.
9. The department organized its Annual Festival, “ORIGIN-2020” on 14 February 2020, in which various events were held namely the paper presentation, Mathematical Relay, Mathematical bingo, Shatranj- e- Maths etc. Various online competitions like the Photography contest and the Comic Strip were organized.
10. The department published its third edition of the Annual Magazine Mathletics 2019-2020. The magazine displays the thoughts and efforts of the teachers staff advisors and students. It includes the documentation of all the events organized by the staff advisors for the year 2019-2020. It also includes the articles from teachers and students.



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Part A.2

Awards and recognition received

MESSAGE FROM THE STAFF ADVISORS

We present to you with pride and cheer, the third issue of "Mathletics", the Mathematics department's annual magazine. The year 2019 has been an eventful year for the department to crack a smile which includes the thoughts, efforts and passion of the young ignited minds and hence we have come up with the annual issue of the magazine. The articles in the magazine connect the dots and capture the spirit of the passing year and the magazine offers a free rein to the imagination of young thinkers. It has been an absolute pleasure for us to come up with another issue of "Mathletics" and I hope that you will find the experience of reading this just as pleasurable. I express my sincere gratitude to Joyta, Shreya and the entire editorial team who worked hard to come up with this new edition. I thank from the bottom of my heart every single person associated with this magazine. Through this platform, I would like to thank our student union members Aparajita, Jahnavi, Divya and Sougata whose continuous hard work and commendable efforts have made this beautiful journey possible. Further, I wish all the success and good luck to the pasting batch.

With Best Wishes,
Apeksha
Staff Advisor (2019-20)



With utmost pleasure, we present to you "Mathletics 2019-2020", the third edition of the annual magazine of the Department of Mathematics. The magazine which started as a newsletter, has over the years evolved into an entity in itself, encompassing the essence of our beloved Department. It contains the imprint of the love that all of us share for this beautiful subject. This edition is all the more unique in the sense that its production faced unprecedented barriers in the form of distance and a general atmosphere of uncertainty. However, after months of working hard, here we are with our labour of love. I'd like to thank and congratulate Joyta and Shreya and their team for producing this magazine with utmost conviction, hard work and love. I'd also extend my thanks to the Union members Aparajita, Jahnavi, Sougata and Divya for their support to the Editorial Board. I hope you all enjoy reading this edition of Mathletics.

Best wishes to all,
Dr. Monika Arora
Staff Advisor (2019-2020)



MESSAGES FROM THE EDITORS

The making of this magazine has been an arduous journey, but a greatly fulfilling one. Before COVID lockdown hit the city, we were well on our way to printing a template magazine as per schedule. Halted by the sudden onset of a devastating disease, we retired to our homes abandoning all hope that this magazine would see the light of the day. But what emerged on the other end of the lockdown was something entirely unprecedented. The process began with reluctance and great difficulty, contributors struggled to continue creating for the magazine without their usual resources, teams struggled to coordinate online, digitalization of content became an uphill battle. Overwhelmed by feelings of distress and isolation, students of the Department mourned several losses, including those of important milestones and precious college life. It was then that we decided to renew our efforts to build a magazine like no other before, one that would remind everyone of the light at the end of the tunnel, the normalcy of a day in Room 227, the familiar faces of the Clix, the unforgettable taste of the canteen's samosas, the feeling of donning off in the front lawn with the sun in your face. This edition of Mathletics is dedicated to the memory of what was and what soon will be, and I hope it reminds you of all that is good in the world.

This magazine wouldn't have been possible without my other half in everything I do, my spell check personified, Shreya. Her brilliant vision was brought to life by the endless talent and unending efforts of the members of Editorial Board, who went above and beyond the call of duty. Bhawna Ma'am, Ronika Ma'am and Apeksha Ma'am's able guidance and motivating words brought this labour of love to life, without whom this magazine would still be in template stage, stuck in drafts of March. I would also like to thank Aparajita, Jahnavi, Sougata, and Divya, for their time and energy, and unparalleled, unbounded passion for this project. Mathletics 2019-2020 is the reflection of a Department that stands united against all odds. To that end, I hope we did justice to the students of this Department; I thank you all for making this magazine complete. Here's hoping we meet soon.

-Joyta Singh



JOYTA SINGH



SHREYA TRIPATHI

Initially for someone who has dealt with words and sentences for over a year on a daily basis, I find it very hard to pen down this message (as ironically clichéd as it will be). But as they say, the beginning is as good as any other place to start. Being selected as one of the editors over a year ago was probably the highlight of my year. I recognise myself as a writer, thus to produce scores of pages full of the creative intellect of others and mine had always been a cherished dream. I remember finishing an entire tub of chocolate ice cream in my excitement to start working on the magazine with the team. And work hard we did. We were blessed with the most amazing bunch of individuals who were hard working, talented and highly efficient. With their help we were able to introduce a blog which was updated with summaries of new events and comprehensively compiled information on prospective careers.





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(L-R): DR. MANJARI SRIVASTAVA, DR. VIMLA KAUSHIK (RETIRED), MS. GARIMA GOGIA, MR. SHUBHAM, DR. DURVESH VERMA, DR. MEETU BHATIA GROVER, MS. APESHA, DR. RITU GUPTA, MS. LALITA DHAR (RETIRED), MR. BIKRAM SINGH, MS. BHAWNA BANSAL GUPTA, MR. MANOJ RAWAL, DR. MONIKA ARORA, MR. MOHIT MACCHAL, DR. SUNILA SHARMA, DR. SHWETA GANDHI

