

# *Infinitus*

**Annual Magazine  
of  
Zenith**

**B.Sc. L.Sc. & B.Sc. P.Sc. Association  
2<sup>nd</sup> Edition 2019-20**



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- **Dr. Shivani Tyagi**

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- **Shazia Shifa (Editorial Head) (B.Sc. Life Science 2<sup>nd</sup> year)**
- **Shivani Sharma (Editorial Head) (B.Sc. Physical Science 1<sup>st</sup> year)**
- **Pallavi Mourya (B.Sc. Life Science 3<sup>rd</sup> year)**
- **Mansi Anand (B.Sc. Physical Science 3<sup>rd</sup> year)**
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## *Infinitus*

- *Vision*

B.Sc. Program is a discipline, where one gets to study different science subjects under a single course, which gives student a wider range of choices for future endeavors. The B.Sc. Program association named as 'Zenith' includes all students of B.Sc. Physical Science and B.Sc. Life Science. The word Zenith literally means 'Crescendo'. The department of Physical Science and Life Science envisages itself as a scientific community full of zest. Civic minds engaged in unconventional research and learning for global impact, perceiving their notable role as a leader in this sphere of lives.

- *Mission*

1. To inspire, recruit and develop a new generation of physicists, chemists, biologists, mathematicians, anthropologists, inventors, astrologers, scientists, teachers and many more.
2. To encourage effective participation of students in various departmental competitions, promote effective and self-sustaining research programs and workshops.
3. Organization of lectures with renowned scientists and teachers working in the field of science.

- *Objective*

Improvement in education for undergraduates in order to prepare the new generations of scientists, and all individuals who understand not only basic scientific concepts but also have a working knowledge of the latest scientific discoveries.

Making all the undergraduates capable to enter all the walks of life and be able to use the power of science in various fields.

*Editorial Team*



**Left to Right:** Shivani Sharma, Reena Yadav, Shazia Shifa, Mansi Sharma, Pallavi Mourya , Rashi Saxena

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## *Teachers' Message*

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*I, Dr. Manju K Saroj and I Dr. Shivani Tyagi, are pleased to know, that our Editorial Team of Zenith Association of Life Science and Physical Science, Gargi College, is publishing our Annual Departmental Magazine, "INFINITUS".*

*We have a pleasant privilege to write this message for our students, for their wonderful initiative and dedicated efforts to bring out this magazine. This year's Union Team had also been very enthusiastic, throughout in managing several innovative and cultural events. The highlights of their activity and success, had been presented in our magazine. The efforts of our Editorial Heads and other team members, deserves great appreciation. We wish our students a very good luck, for their magazine, that will too turn out to be; yet another proof of their excellence and hardwork. This magazine reminds us of the intensive pursuits, of creative and novel endeavors.*

*All the best for your ventures, dear students.*

*Dr. Manju K Saroj*

*Dr. Shivani Tyagi*

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## *From the Editors*

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*"We are like a drop of water in a vast, divine ocean, distinct yet immersed in something much larger than ourselves. Its only when we experience, our connection to infinity that we are able to dream powerfully."*

ALBERTO VILLOLDO

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### ZENITH PRESENTS -

The INFINITUS 2019-20 magazine, is a way for all of us towards something which we often forget to observe or which is being ignored by most of us.

Infinitus- "A bit of you, is whole of you."

Since our childhood till now, we come across several challenges, ups and downs, we face a lot of criticism, we deal with this external world with all of our strength, from being that small to this big. That's how we make up ourselves to overcome from small problems to the big ones, and thus we all are "infinitus" in our own way.

"LIFE IS NOT ABOUT FINDING OUR LIMITATIONS; IT IS ABOUT FINDING OUR INFINITY."

Infinitus too looked for everyone's contribution and each write up came from the heart of my teachers and friends. Thank you, dear ones, for being a part of the magazine and we would also like to thank our whole editorial team for putting in great efforts and being passionate and punctual about our work.

Thus proving , Infinitus can convert the possible into inevitable.

## *President's Message*

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*Dearest readers, It gives me great pleasure to write a few words for 2nd edition of our department's magazine **INFINITUS**. It was*



*launched last year 2018-19 for bringing out the writing talent as a part of overall personality development of students of Zenith and to highlight the talent of department students in academic, co-curricular and extra-curricular activities.*

*It's been two years since I joined the union. I am grateful to all teachers, union members, classmates, and juniors who believed in me, chose me as their leader, helped me all along the way, taught me a lot, made me what I am today.*

*I feel proud for being a part of such a magnificent institution. I congratulate all the contributors and the editorial board for bringing out such an outstanding magazine.*

*Wishing you all the best for scaling bigger success and keep doing the great work.*

---

**SARIKA YADAV**  
**(President)**  
**B.Sc. Life Sciences 2019-20**



## President's Message

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*"The only source of information is experience" -Albert Einstein*



*The experience of serving for 3 consecutive years in Zenith was enthralling and enlightening. I've seen Zenith growing with time and every time aiming to justify its name, "to be at apex". This long journey has given me the courage to stand out and lead the department to new heights. And this could never have been made possible without the efforts of my enthusiastic and diligent team. I'm extremely honored to have had Creative Team and Editorial team for Zenith introduced for the first time in my tenure, who work relentlessly to make Zenith, a success. Also, for all my juniors, I just want to say that you should be proactive not only in academics but also in extra curriculums, which will ultimately help you augment your personality. Each one of you should serve the department, irrespective of being in the Union or not, should strive for your department to excel. Not forgetting my amazing teachers who were my helping hand, cooperated and guided me whenever I needed them. At last, I would like to thank Gargi for making me what I am today. I entered in the college as a strong woman, certainly, I will leave in a stronger version of myself.*

---

**PRABJOT KAUR**

**(President Physical Science, 2019-20)**

## *Teachers Associated with Zenith*



**Dr. Beena Negi**



**Dr. N. Chandrika Devi**



**Dr. Divya Gnaneswari**



**Dr. Manju Kumari Saroj**  
Coordinators (B.Sc. P.Sc.)



**Ms. Manpreet Kaur**



**Dr. Shivani Tyagi**  
Coordinators (B.Sc. L.Sc.)



**Dr. Smriti Sharma**



**Dr. Taruna Singh**



**Dr. Vandna Luthra**

# Zenith Union



**PRABJOT**  
**PRESIDENT**  
B.Sc. P. Sc. 2019-20



**SARIKA YADAV**  
**PRESIDENT**  
B.Sc. L. Sc. 2019-20



**NANCY**  
**VICE PRESIDENT**  
B.Sc. P.Sc. 2019-20



**AAYUSHI JAIN**  
**VICE PRESIDENT**  
B.Sc. L.Sc. 2019-20



**SHALINI YADAV**  
**VICE PRESIDENT**  
B.Sc. L.Sc. 2019-20



**NEELAM NEGI**  
**GENERAL SECRETARY**  
B.Sc. P. Sc. 2019-20



**SALONI**  
**GENERAL SECRETARY**  
B.Sc. L.Sc. 2019-20



**KAJAL**  
**GENERAL SECRETARY**  
B.Sc. L.Sc. 2019-20

## Zenith Union



**TARINI SACHDEV**  
CULTURAL SECRETARY,  
PHYSICAL SCIENCE 2019-20



**APHILIPSA**  
CULTURAL SECRETARY, LIFE  
SCIENCE 2019-20



**VIPASHYANA**  
CULTURAL SECRETARY, LIFE  
SCIENCE 2019-20



**PRATIMA SHARMA**  
TREASURER, PHYSICAL SCIENCE  
2019-20



**CHARU**  
TREASURER, LIFE SCIENCE  
2019-20



**AYUSHI SETI**  
EXECUTIVE MEMBER 3<sup>rd</sup> YEAR,  
PHYSICAL SCIENCE 2019-20



**PRACHI**  
EXECUTIVE MEMBER 3<sup>rd</sup> YEAR,  
PHYSICAL SCIENCE 2019-20



**BHAWNA**  
EXECUTIVE MEMBER 3<sup>rd</sup> YEAR,  
LIFE SCIENCE 2019-20

*Zenith Union*



**NANCY**  
EXECUTIVE MEMBER 3<sup>RD</sup> YEAR,  
B.Sc. L. Sc. 2019-20



**BHOOMI SACHDEVA**  
EXECUTIVE MEMBER 2<sup>ND</sup> YEAR,  
B.Sc. P. Sc. 2019-20



**JAGRITI**  
EXECUTIVE MEMBER 2<sup>ND</sup> YEAR,  
B.Sc. P.Sc. 2019-20



**VANSHIKA SHARMA**  
EXECUTIVE MEMBER 2<sup>ND</sup> YEAR,  
B.Sc. P. Sc. 2019-20



**JAISHREE**  
EXECUTIVE MEMBER 2<sup>ND</sup> YEAR,  
B.Sc. L. Sc. 2019-20



**VIDHI**  
EXECUTIVE MEMBER 2<sup>ND</sup> YEAR,  
B.Sc. L. Sc. 2019-20



**KANIKA**  
EXECUTIVE MEMBER 1<sup>ST</sup> YEAR,  
B.Sc P. Sc. 2019-20



**DISHA KHARBANDA**  
EXECUTIVE MEMBER 1<sup>ST</sup> YEAR,  
B.Sc. P. Sc. 2019-20



**ENAS**  
EXECUTIVE MEMBER 1<sup>ST</sup> YEAR,  
B.Sc. L. Sc. 2019-2020



**SHIVANI GAUTAM**  
EXECUTIVE MEMBER 1<sup>ST</sup> YEAR,  
B.Sc. LIFE SCIENCE 2019-20

## Zenith Events 2019-20

We live in a world where we have to rely on many skills to succeed in life and not just be devoted to academics. It might be difficult for students to practice and showcase individual skills that is why Zenith is committed to providing opportunities and platform to those students. We organize plethora of activities that are both fun and great learning experiences for students.

Zenith has always strived to inculcate wholesome development of the students and to bring its objectives into effect Zenith has organized a lot of events throughout the academic year starting from orientation of the first year students at the beginning of the session 2019-20, it was held on July 20, 2019 to familiarize them with the college as well as with the society. Zenith consists of 26 union members (Presidents: Prabjot Kaur and Sarika Yadav), who were elected by interview round by teachers and duly held voting on August 7, 2019. The Inaugural lecture was organized on the topic 'Significance of forensic chemistry in crime scene management' by Dr. G.S. Sodhi, Associate Professor, Khalsa College, University of Delhi on August 23, 2019. To develop a passion for enquiry and a better understanding of the world around them an interesting debate was organized on the topic "Is It Possible to Live Without Plastic in Today's World?" on September 18, 2019. A unique competition of 'Face Painting' was organized on the theme "Sci fi fantasy" on September 25, 2019, where students showed their creativity with zeal. A workshop on "CV Writing and Interview Skills" by Mallika Sharma, Image Consultant and Soft Skills Trainer, Image Consulting Business Institute, Delhi was organized on October 15, 2019. One Quiz competition named 'Zenith Trivia' was organized on January 22, 2020. A very encouraging talk on "Gender Bias in Science" by Dr. Sushmita Chowdhury, Associate Professor, Department of Chemistry, Gargi College was also organized on February 26, 2020. The Zenith society also organized lecture on nanotechnology by 'Dr. Vinod Kumar, Assistant professor, Jawaharlal Nehru University, Delhi on the topic "Nanotechnology: Big Things from Tiny World" on March 4, 2020. He also counseled our students about various career options in higher education and research. Students participated with great enthusiasm in the March Past on the Annual Sports Day of Gargi College on February 28, 2020. BSc Life Science students went for educational visits to the National Zoological Park in Delhi, ABHA BIOTECHNOLOGY, R&D, skill and training center, Noida and The Golden city- Jaisalmer. B.Sc. Physical Science student visited Inter-University Accelerator Centre (IUAC), New Delhi on National Science Day on February 28, 2020.

. On the next few pages, we have some glimpses from those events.

## INAUGURAL LECTURE

“We keep moving forward, opening new doors, and doing new things, because we are curious and curiosity keeps leading us down new posts.”



Walt Disney

The Zenith Union (2019-20) with reverend guest of honor Dr. G.S. Sodhi on the memorable day of Union's Inaugural lecture.

On **August 23, 2019**, the Zenith Union wholeheartedly celebrated their inaugural lecture. The subject for the lecture was 'significance of forensic chemistry in crime scene management'. Dr. G.S. Sodhi, Associate Professor, Khalsa College, University of Delhi (chemistry and forensic science), shared his cardinal knowledge and experience on the subject.

The lecture stimulated the thoughts of a lot of students. It auspiciously uplifted students to take up their career in chemistry and forensic science. The lecture proved to be a successful event due to diligence and hard work of the union members, respected teachers and the team.

## Turn Coat Debate Competition

*"It's better to debate a question without settling it, than to settle a question without debating it".*

On **September 18, 2019** Zenith Association, organized a debate competition, on the topic: Is it possible to live without plastic in today's world?

The competition provided the students a stage to explore and express themselves,

and to come up with great initiatives, and plans for further sustainability. The event received an enthusiastic response and turned out to be a success. The judges for the event were: Dr. Vandana Luthara and Dr. Shivani Tyagi



The winners were:

- **1<sup>st</sup> Position: Nivedtya Khanna** (B. SCom program, 3<sup>rd</sup> year)
- **2<sup>nd</sup> Position: Shambhavi** (BBE, 2<sup>nd</sup> year)
- **3<sup>rd</sup> Position: Reena Yadav** (BSc life science, 2<sup>nd</sup> year) and **kulsum** (B.Sc. life science, 3<sup>rd</sup> year)



## Teachers Day Celebration

On September 5, 2019, students and teachers of our department got together to celebrate teachers' day. The Zenith union organized an hour-long function which included some very interesting games and activities for the teachers. Also, the students thanked the teachers for guiding and supporting them all the time. The teachers had lots of fun at the event. The event proved to be a much-awaited break for teachers and students from their otherwise hectic schedule.

*"Develop a passion for learning. If you do, you will never cease to grow"* great words said by Anthony J. D'Angelo.



## *Face Painting Competition*



Zenith Association of Gargi College organised the " Face Painting Competition " on September 25, 2019. The theme was " Sci fi fantasy " where the various enthusiastic and creative team of two students participated. The artwork symbolises the sci fi fantasy. We humans live in a fantasy world and our real lives are very much influenced by the fantasy. Everyone unleashed their imagination through originality, fascinating ideas and emotions. They painted their alluring thoughts on their partner's face and explained it accordingly. The competition took place in the presence of honourable judges –Dr. Garvita singh and Dr. Taruna singh. The judges found difficulty in selecting the winners as all face paintings were so compelling and attractive.



**Winners:**

- 1<sup>st</sup> position: Ritika Verma and Muskaan Rajput (B.Sc. Physical Science 3<sup>rd</sup> year)
- 2<sup>nd</sup> Position: Magdali Kujur and Shruti Sharma (B.Sc. Microbiology hons 3<sup>rd</sup> year)
- 3<sup>rd</sup> Position: Muskan Saini and Ayushi Sati (B.Sc. H Physical Science 3<sup>rd</sup> year)

## *Educational trip to Zoological park*

In today's world learning is not just restricted to the boundaries of the college, but extends well beyond textbooks. This is why an educational trip was organized for the students of 1<sup>st</sup> year Life Sciences batch on **September 29, 2019**. Around 64 students went to the National Zoological Park in Delhi and had a unique and enriching experience.

The National Zoological Park is a 176-acre zoo which houses diverse range of animals from one horned Rhinoceros to Royal Bengal Tigers. According to 2008 statistics around 1347 species can be found at the zoo.

The students observed many different animals and gained insight about their habits and habitats. Through this the students were better able to visualize some of the topics they were taught this semester in animal diversity. It is widely accepted that visual aids in education help in understanding new concepts and retention of the new material. The students felt more motivated after this interactive session.



In conclusion, this trip was much deserved break from monotonous day to day college life. It was a fun filled day with friends and a good learning experience. The department will continue to promote such activities for students.

## INDUSTRIAL VISIT

On October 10, 2019 students of Life sciences (3rd year) got chance to visit ABHA BIOTECHNOLOGY, R&D, skill and training centre, Noida. They provided the great opportunity to the Life Sciences students to learn advance techniques used in biotech field.

The session was divided into two parts namely Technical session and Presentation session.

In technical session, they demonstrated the following items:

- Industrial fermenter.
- Pharma liquid filling line.
- Bioreactor
- Microbiology laboratories
- Incubation unit.
- Plant tissue culture laboratory.



In presentation session, they gave the useful knowledge about different fields in which students can pursue their dream jobs. There are many fields of which students are unaware but with such guidance one can easily get to know that which specific field they are interested in. The whole session was very interesting. It came out to be a great platform to learn new things and to enhance one's skills.

## WORKSHOP ON CV WRITING

On **October 15, 2020**, the Zenith department organized a workshop on CV writing and interview skills which was presented by Ms. Mallika Sharma, Image Consultant and Soft Skills Trainer at ICBI, New Delhi and currently also working as a product manager at Authbridge Research Services, Gurgaon.



The workshop provided students the knowledge of making impactful and well-organized CV, Resumes and Business profiles and its importance in building and managing strong first impressions. The secret behind acing interviews was also revealed as the speaker talked about effective preparation for interviews which included handling basic questions, dressing up appropriately and also made the students understand interviews from the perspective of the interviewer. It

was an enlightening experience, with important highlights yielded out on imperatives of professional demeanor, that will help the students pave way for their respective future endeavors.



## THE ZENITH TRIVIA

On **January 22, 2020**, Zenith Association organized a Quiz competition,

This competition included the different aspects to analyze the competitors from the various departments, this quiz possessed 2 rounds, The first round was the Multiple Choice Question (MCQ) which was, science based round, and the second was merely based on the Bollywood quiz which further had 5 sub rounds and that's how the teams performed throughout, and eventually at the end of the event, the best 3 among them came out as the winners of the competition. The judges for this event were: Dr. Smriti Sharma & Dr. Manju K Saroj. After the final evaluation by our respected judges we came across the winning teams, and thus they were provided with the cash prizes and the certificates. The winners are as followed:



Thus, the event proved out to be a success, as it gave us around 25-26 teams in total, as participants and the students were too very enthusiastic throughout the event.



- 1<sup>st</sup> Position  
Anwasha and Madhurya  
B.Sc. (H) Zoology 1<sup>st</sup> year
- 2<sup>nd</sup> Position  
Bhawana B.Sc. Botany  
Tanishi B.Sc. (H) Physics, 1<sup>st</sup> year
- 3<sup>rd</sup> Position  
D. Abhilipsa and Mahak (B.Sc. Life sciences, 2<sup>nd</sup> year)



## *Lecture on Gender bias in science: A global perspective*

*Gender bias does worldwide damage. It's a cause of low productivity on farms. It's a source of poverty and disease. It's at the core of social customs that keep women down.*

*-Melinda Gates*



On February 26, 2020, Dr. Sushmita Chowdhury has given a talk on “Gender bias in science: A global perspective”. She put light on the low participation of women scientists in the field of research and how this participation has been increased in last few years. Moving from past to present towards future she explained that how opportunities and respect for women scientist’s involvement in research and education have improved. Only a healthy participation of both men and women in science could bring the best out it.

## *Zenith representing at the annual sports day of Gargi College “Spin’20”*



***“We’re gracious and we’re humble and we play a certain way, whether we win or lose”***

***-Megan Rapinoe***

On February 28, 2020 at annual sports day celebration of Gargi College “Spin’20” department of physical science and life science participated in the march past and represented the zenith of grace and elegance. The team with their hard work and strong determination won the heart of the all whole audience.

The team marked a beginning of a new essence of courtesy.

Keep the spirit high Zenith, “It doesn’t matter that we didn’t win a trophy, because we did it in our own ways.”

***“The price of success is hard work, dedication to the job at hand and the determination that whether we win or lose, we have applied the best of ourselves to the task at hand.”***

***-Vince. L.***

## *Lecture on Nanotechnology: Big things from a Tiny World*



“In thinking about nanotechnology today what’s the most important is the understanding where it leads, what nanotechnology will look like after we reach the assembler breakthrough”

So, to make our students know and learn about the great occurrence of nanotechnology, the Zenith Association with an immense pleasure invited Dr. VINOD KUMAR: Assistant professor J.N.U. He gave talk on the topic “Nanotechnology: Big things from a Tiny World” on March 4, 2020.

Sir, gave us a knowledgeable as well as a motivational lecture on. He told us about how the nanotechnology evolved and its applications in our daily lives. Apart from this, Sir told us about the various opportunities related to research in the field of science.



He gave valuable advice on future career in the field of nanotechnology. Overall, the lecture was very interactive and students learned a lot from it.

## *Trip to Jaipur, Rajasthan*

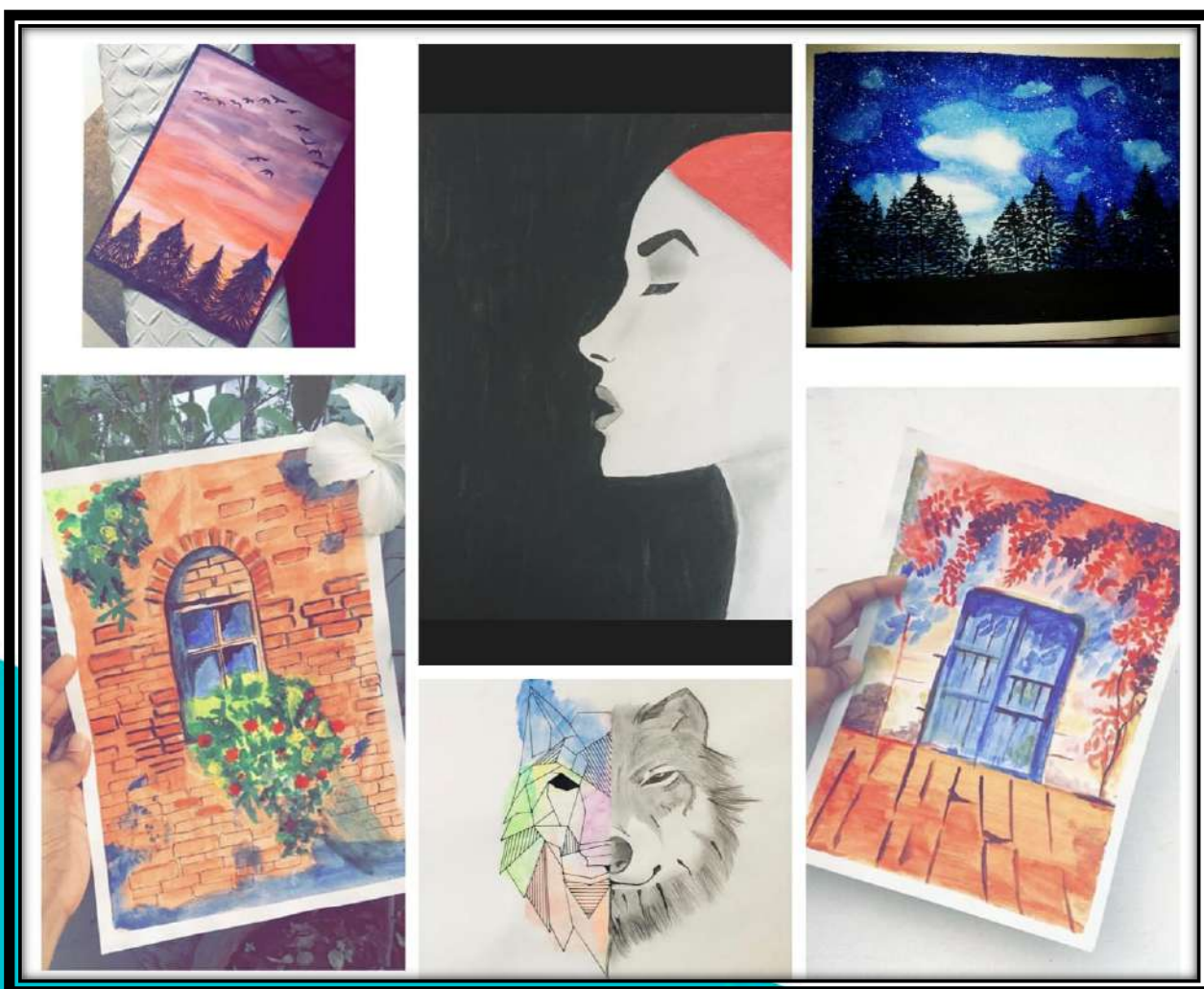
*BSc. Life science organized their annual trip to Jaipur, Rajasthan, from March 11, 2020 till March 15, 2020. Students enjoyed camel riding and jeep safari. Students explored the various archaeological sites in Jaipur. The whole journey makes the students more independent. Students specially mentioned the folk dance and D.J. night. Overall the trip was memorable for all of them.*



# Creative Corner

## *Writers, Poets and Artists*

The students of Life Sciences and Physical Sciences are incredibly talented and are engaged in various activities apart from making their lab files. The editorial



team is very happy to give them the creative outlet to express themselves through articles, poems and artworks. We hope they continue to find different mediums for the expression of their thoughts.

*Because they want equity not equality.*

Hey, do you know me?  
I am equality.  
Hey, do you know me?  
I doubt ...  
Anyways, I am equity?  
Though we both start with same alphabet 'E',  
Yet you will get so many differences to see.  
Though we hold same meanings for most,  
but they don't even know that they are our host.  
Equality claims to share fairness,  
But what if it is the only which is making us desireless.  
When one demanded for opportunity  
Equality helps but not to make their own community .  
Equality provided food to everyone  
but what if rich can already buy  
but poor can't satisfy ,  
As a result he lefts with the question of "why?".

Equality provided home to everyone  
but when it comes to give it to refugee  
then why they are not considered as citizen?  
Equality provide space to animals  
but what if they are reminded that human own this planet.  
No! I am not against equality

But it can't feel the space where we need equity.  
What if one have shoes to win the race,  
And the other can barely run through this phase?  
What if that old person is getting pension  
even he is blessed with his family,  
What about the other one who had lost his everything?  
still no system gives them two times of meal.

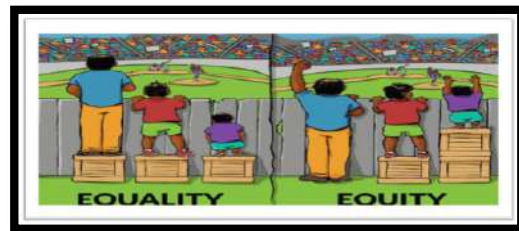
Equality gives the same things even if we don't need.

Equity gives the different things according to one's need.

What we want and what we desire,  
these two are totally different for someone who even don't have anything.

So tell me,

Does equality even make us equal?



Or is it forcing us to go apart,  
Forcing us to forget humanity,  
Forcing us to confuse about this "Democracy system ",  
Forcing us to make ourselves vulnerable to this situation.  
Is it uplifting our pride?  
Or making us to doubt our own ride.  
Can equality be unfair?

And answer is "yes", as it is very clear.

We need equity not equality.  
We need to provide home to homeless.  
We need to provide food to hungry soul.  
We need to provide clothes to shivering body.  
We need to provide help to helpless.  
We need to provide hope to hopeless.  
We need to provide love to lonely.  
But we don't need to provide equality when all they need is equity.  
Stereotypes from history is not of any use.  
We require to demolish them before they get fuse.  
We don't require to provide the same size of ladder  
Instead according to their height we need to change the size of ladder.  
  
We don't require to provide the same amount of water to cactus, lily or any other flower  
Because they want equity not equality to grow.

*Pallavi Mourya*  
*B.Sc. Life Science*  
*3<sup>rd</sup> year*

\*\*\*\*\*

### *Beware of Energy Vampires*

We all, as human beings emanate some form of energy. We are all a mix of good and bad energies, but there are some

people who have such low vibration that they can seek balance only by feeding off other people's energy. These extremely needy people may leave you gasping for breath and deplete all your energy quickly. They generally seek attention by creating drama, playing victim and complaining constantly to get sympathy and they never take responsibility for their actions.

Time is finite category and as such can be managed only to a certain extent; but our energy levels are renewable and can be influenced. Positive people leave us feeling good, while energy vampires suck the life out of us. Some people are energizing because they simply give off positive vibes. Some people energize us because they create genuine connections. Some people make you laugh, tell stories and connect.

Energy is about being positive, devoting time to things you like to do while managing others. What really energizes us emotionally is when we socialize with people we care about. We should try to identify what we do best and enjoy most, allocate our time and energy to the area of our lives that we deem most important.

*Rajdeepika*  
*B.Sc. Physical Science*  
*3<sup>rd</sup> year*

\*\*\*\*\*

### *The Man-Eating Tigers of India*

India is home to the world's 70% tigers (*Panthera tigris tigris*), and the Indian tiger population has seen rapid growth over the past few years. The Tiger Census, which is taken every 4 years, is a long and laborious task involving hundreds of forest officials,

rangers and scientists assessing over 5 lakh square kilometers of land and tracking tigers. The most recent census tells us that we now have about 3,000 tigers in our country, 1/3rd more than what we had in 2014.

Success does not come without a cost, however. The protected areas of India have not grown at the same pace as their tiger population, forcing some big cats to live in human-dominated landscapes. India holds only 25% of the world's tiger habitat but accounts for 70% of its population. Rural communities of our country have shown a uniquely high tolerance for coexisting with these potentially deadly animals, however. With increased tiger attacks, traditional tolerance is beginning to die out with riots and targeted killings of tigers by the affected villagers. Even though only about 40 to 50 people are annually killed by tigers- as opposed to about 350 by elephants each year, tiger attacks instill tremendous fear in the minds of people whereas killings by elephants are viewed as one would view a car accident, something that just “happens.”



Hence, with an increase in the tiger population, the cases of human-tiger conflict have been on a steady rise as well. The reasons for why a tiger acquires a taste for human flesh are not simple. No tiger is a natural-born man-eater, and as mentioned above, there are usually factors such as injury, old age, high tiger density and proximity to villages that drive the tigers and other big cats such as leopards (*Panthera pardus fusca*) to start attacking livestock and sometimes even people. In one of his most renowned books known as “Man Eaters of Kumaon,” Jim Corbett described to us how a tiger becomes a man-eater and the terror inflicted by these man-eating big cats in the Uttaranchal region of India during the Colonial Rule.

The most infamous man-eating tigress, known as the “Man-Eater of Champawat,” was not born with a taste for human flesh. As the British colonized the Indian subcontinent in the 19th century, prime tiger territory was destroyed to make way for people and agriculture. The beast, when she was still fairly young, had some sort of encounter, probably with an unsuccessful hunter, that severely damaged the cat’s mouth and caused the loss of two canine teeth. The loss of habitat forced many tigers to compete for land and prey, and the Champawat tigress, with its physical disadvantages, would not have been able to prevail without turning to humans. “What becomes clear upon closer historical examination is that the Champawat was not an incident of nature gone awry,” Corbett wrote, “it was, in fact, a *man-made* disaster.” Killing over 400 people in 7 years in areas of Nepal and



Uttaranchal, the Champawat tigress was later shot by Corbett in 1907.

Often the rural communities and the government and forest department of our country find each other at odds. The hunt of a man-eater requires a well-defined, standard operating process that takes a large amount of time and resources. The government also faces a moral dilemma and a tremendous amount of opposition from many urban animal rights groups who strongly condemn the killing of any tigers, even man-eaters. The decision to hunt these animals often becomes a political sport. Frustrated by the government, villagers often consider the forest department as their worst enemy and take it upon themselves to hunt the tigers. They target not only the man-eater but all of the tigers and other big cats in their area which could become potential killers. Many experts such as Ullas Karantha, recently retired carnivore biologist at the Wildlife Conservation Society believe that the only way to combat the problem of man-eating big cats is to quickly do away with them before they take another life. India needs to come to terms with the fact that what's best for a species does not always align with what's best for an individual animal – especially an individual that has taken human lives, Karanth mentions in an interview with BBC. In other words, the world's tigers' future depends entirely on persuading Indians to agree that man-eating animals must die for the species to survive. "There's no other way," he says.

Not only is the removal of man-eating tigers important for its population to grow,

but India also needs to utilize its resources to build adequate tiger reserves for the tigers it currently has, and also make sure that families affected by man-eaters are compensated quickly and sufficiently, which often does not happen. Only about 5% of its land is devoted to its wildlife, even though it is one of the 12 mega-diversity countries of the world.

Since tigers were shot and brought to near extinction in 1970, people would have never imagined that we would see tigers flourish once again. But now with so many things in our favor, and with the availability of land and money, we should continue taking forward the strides made for tiger conservation. India has the potential to make a tremendous impact and completely change the face of tiger conservation worldwide, it all depends on the choices we make.

*Vrinda Dabas*  
*B.Sc. Life Sciences*  
*2<sup>nd</sup> Year*

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### *Prop Roots*

*We need prop roots.*

*I took a pencil with pale hands*

*And unguis highlighting faded rose and  
deep azure*

*Intensifying with dropping temperatures.*

*On a sheet white I began to draw*

*Slight curvy lines that demarcate*

*My country from the rest of dominion.*

*It's foggy here in capital – all white*

*Like whipped cream suspended in air*

But nation is not at peace.  
My body may emanate less of blood  
Cause of narrowing vessels But  
adrenaline is high in atmosphere today.  
My hands shiver a bit as I drew borders  
where Assam would fit for  
I don't know how to sketch bruises and  
burns  
Screams and Suffering.  
Heading towards converging South  
Asking along streets and bazaars  
What do you sell O ye merchants?  
I see no wares richly displayed.  
At night on cross alleys near red  
buildings  
You find placards torn from vertex  
kissing  
Old rusted tar along with helmet and a  
lost chappal.  
Human blood spill suspended over even  
black stones  
She-human or he- human I yet not know  
But it smells rage in deep maroon stain.  
Buses got frosted carbon crisped flakes  
Falling off and enveloping glasses  
Cutting down our vision to truth.  
Corrupted politics digesting people  
Like jaw shut Venus fly trap  
Horrorifying just as it seems  
Don't just picture death and raise your  
nerves

There is a lot layered and staked  
Fire- not disciplined: burns and leaves  
ashes to remain.  
It's a battle for power and how many  
men  
You tame that lick adulterated milk and  
wag tail even in resentment  
I wonder if they call in at Kurushetra  
Hundred versus five: not battling for  
women though.  
They never do.  
Human rights are secondary they believe  
#metoo #mentoo fly in air and land  
nowhere  
There isn't any talk for kids who are now  
men with empty pockets  
Temperatures dropping as count down 5..  
4.. 3.. 2.4  
Freezing life capillaries of those on  
footpaths and side streets-  
Men women children family with no  
home.  
United we stand, divided we fall  
And landing I fear shall swallow us all.  
For residing in pillows of heaven of  
freedom  
We need prop roots.

**Sanchi Arora**  
**B.Sc. Life Sciences**  
**2<sup>nd</sup> year**

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## What Has Chandrayaan-2 Got to Do With Vedic Mathematics

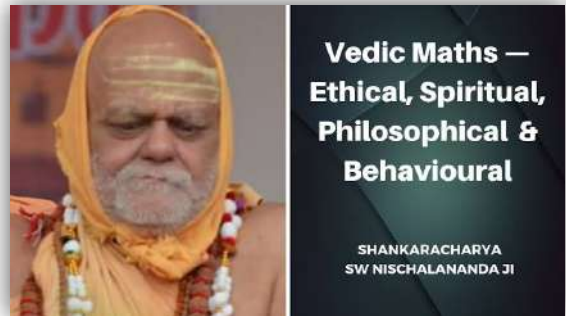


Chandrayan – 2 is the India's second lunar mission that took off to its destination on 22 July 2019. And with that it took a billion of dreams to the space. India is the fourth country to have landed on moon and most notably the first country to have ever ventured in the lunar pole region in the world.

The mission was operated by the best minds of Indian Space Research Organization (ISRO). It was one of the most challenging and complex mission that ISRO has ever embarked on. It consisted of a lunar orbiter, The Vikram Lander and The Pragyan Lunar Rover, all of which were developed in India itself.

The main objective of the mission was to study the lunar topography, mineralogy, elemental abundance and to check the traces of lunar water nor water ice. The orbiter was supposed to help in preparing 3D maps of the lunar surface. ISRO wanted to demonstrate the ability of soft landing on the lunar surface and operate a robotic rover on the surface. But to our surprise, when people are busy on concentrating more on the modern technology and inventions, ISRO scientists didn't want to rely only on them so they referred to the ancient Indian Vedic Mathematics. ISRO

consulted a reputed vedic mathematician and scholar, Swami Shankaracharya, to help and dispel some of the doubts they had at the time of the launch.



He is the crowned head of the Govardhan Matha Hindu Monastery since 1992. With his expertise in Vedic maths, he contributed in the launch of Chandrayan 2. He implemented the theorems and calculations enumerated in Puranas and The Bhagwad Gita to achieve the success of the mission, as India is pioneer in mathematics, astronomy and missile technology.

As per Bhisma Parva or the book of Bhisma, the sixth book in the epic Mahabharata, the diameter of Moon is 11,000 yojana (1 yojana = 12.2 km approximately) and its circumference is 33,000 yojana. These were some of the calculations that the scientists incorporated into the lunar mission.

However, the lander deviated from its trajectory starting at 2.1 km altitude and lost the communication with the organization. Initial reports suggested a crash due to hard landing but the failure analysis committee concluded that the crash was caused by a software glitch. But ISRO members haven't lost their hopes yet.

And they are planning to re-attempt another landing by November 2020 with Chandrayan 3. The spectacular launch of Chandrayan 2 will be forever etched in all our memories.

*Sanya Gulati*  
*B.Sc. Physical Science*  
*2<sup>nd</sup> year*

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### *Conflict and Protest*

Every other person we see goes through a certain kind of protest be it small or large but a girl's protest is the largest of all, according to me.

A girl goes through different kind of protests in her mind and the physical world

Sometimes I think a girl's protest is inherent I will say it's inherent.

Many girls face internal protest within themselves starting from home as they are not able to express themselves even in their own house. For example if a girl goes through some kind of sexual or mental harassment or something else at her work place or she faces internal and external turmoil, such as who to approach for help, whether to share this information or not, how to talk to her family regarding the same, whether people will believe her or not. This protest goes on and on in the form of questions because the society conditions women this way.

A girl's protest is inevitable until and unless the girl becomes independent, free spirited, literate and most important learns to have faith and confidence in herself.

*Shivani Solanki*  
*B.Sc. Life Sciences*  
*2<sup>nd</sup> year*

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### *Book Reviews*

Due to rapid advancement in science and technology there has been an increase in enthusiasm of the masses towards all things science. However scientific literature does not make for a light reading because it is full of subject specific jargon which gives a headache to many readers. However, there are some books that everyone should at least read once:

***Emperor of All Maladies by Siddhartha Mukherjee:*** This book traces the history of cancer and its treatment. After reading this book you will understand that the miracles of medical science that we take for granted, took decades of work by hundreds of people. Many times, it were chance discoveries that gave way to pathbreaking methods of treatment. It is a very well researched and detailed book. Has a lucid narrative and is engaging.

***Sapiens: A Brief History of Humankind by Yuval Noah Harari:*** This is a book that adorns many shelves, the reason being the author's ability to present thousands of years of human history in an easy to understand way. You don't necessarily need to be a woman or man of science to get through this book. It covers a broad range of topics and is thought-provoking whether you agree with Mr. Harari or not.

***Surely You're Joking, Mr. Feynman! by Richard Feynman:*** "You have no responsibility to live up to what other people think you ought to accomplish. I have no responsibility to be like they

expect me to be. It's their mistake, not my failing."

— Richard Feynman, Surely You're Joking, Mr. Feynman!

Richard Feynman, winner of the Nobel Prize in Physics in 1965, was definitely an eccentric character. Don't expect to learn physics from this book but enjoy it for its fresh narrative of the time and Feynman's colourful life. Definitely the funniest book on the list!

***Origin of Species- Charles Darwin:***

*"One general law, leading to the advancement of all organic beings, namely, multiply, vary, let the strongest live and the weakest die."*

— Charles Darwin, The Origin of Species

A classic for an evolutionary biology student. This book had deep impact on

culture as it challenged the traditional views of creation that were backed by the Catholic Church. It's interesting to note that Charles Darwin was a deeply religious man. Our ideas of evolution might have become more refined since Darwin's time but it's still worth a read.

***A Brief History of Time by Stephen Hawking:*** This book aims to unravel the mysteries of the universe for the common man. Hawking is able to break down the complex ideas in theoretical physics for the most part. However, there are places which will leave you scratching your head but you can rely on google to help you out. Nonetheless you will learn something about the universe around you.

*Reena Yadav*

*B.Sc Life Science*

*2<sup>nd</sup> year*

# ZENITH ACHIEVERS

S.N.	COURSE/YEAR	NAME	EVENT	TYPE	VENUE	POSITION
1	B.Sc. Life Sciences 1st Year	Shreya Karuria	Choreography (SPARX) Group Dance Competition	Intercollege	NIT Kurukshetra	2 <sup>nd</sup> Position
2	B.Sc. Life Sciences 1st Year	Nandini Yadav	Pathfinder Competiton			Research
3	B.Sc. Life Sciences 1st Year	Ayushi Raj		Intercollege	AIIMS	3 <sup>rd</sup> Position
4	B.Sc. Life Sciences 2nd Year	Anchal Arora	Business Simultation		International Management Institute, New Delhi	2 <sup>nd</sup> Position
			HR Management Powerpoint Presentation	Intercollege	Rukmini Devi Institute Of Advanced Studies, New Delhi	Consolation Prize
			Gargi Olympiad - Tug Of War	Intracollege	Gargi College	3 <sup>rd</sup> Position
			Gargi Olympiad - Vigoro	Intracollege	Gargi College	1 <sup>st</sup> Position
			Gargi Olympiad - Athletics	Intracollege	Gargi College	3 <sup>rd</sup> Position
			Gargi Olympiad - Handball	Intracollege	Gargi College	1 <sup>st</sup> Position
			Chemistry CONTECH Exam	National		Certificate of Excellence
5	B.Sc. Life Sciences 2nd Year	Anamika Roy	B-Roll Challenge	Intercollege	IIT DELHI	Participation
			India Film Project	National		Participation
6	B.Sc. Life Sciences 2nd Year	Mahak	Business Simultation		International Management Institute, New Delhi	2 <sup>nd</sup> Position
			HR Management Powerpoint Presentation		Rukmini Devi Institute Of Anvanced Studies, New Delhi	Consolation Prize
7	B.Sc. Life Sciences 2nd Year	D Abhilipsa	Business Simultation		International Management Institute, New Delhi	2 <sup>nd</sup> Position
			HR Management Powerpoint Presentation		Rukmini Devi Institute Of Anvanced Studies, New Delhi	Consolation Prize
8	B.Sc. Life Sciences 2nd Year	Aarti Gupta	Cricket Tournament	Intercollege		1 <sup>st</sup> Position
9	B.Sc. Life Sciences 2nd Year	Shazia Shifa	Gargi Olympiad - Kho Kho Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
			Gargi Olympiad - Hand Ball Competition	Intracollege	Gargi College	1 <sup>st</sup> Position

	<b>COURSE/YEAR</b>	<b>NAME</b>	<b>EVENT</b>	<b>TYPE</b>	<b>VENUE</b>	<b>POSITION</b>
10	B.Sc. Life Sciences 2nd Year	Reena Yadav	Zenith Turncoat Debate	Intracollege	Gargi College	3 <sup>rd</sup> Position
11	B.Sc. Life Sciences 3rd Year	Vrinda	Chess Tournament	Intercollege		3 <sup>rd</sup> Position
12	B.Sc. Life Sciences 3rd Year	Mansi	Volleyball Tournament	Intercollege		3 <sup>rd</sup> Position
13	B.Sc. Physical Sciences 1st Year	Shivangi Mukherjee	Pulse 2k19 – Stage play Competition	Intercollege	AIIMS	3 <sup>rd</sup> Position
14	Physical Sciences 1 <sup>st</sup> Year	Isha	Debate Competition	Intercollege	Dyal Singh College	Best Injector
15	B.Sc. Physical Sciences 1st Year	Akanksha Singh	Gargi Olympiad - Kho Kho Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
16	B.Sc. Physical Sciences 2nd Year	Khadija Naz Safwi	Parliamentary Debate Competition	National	Symbiosis Law School, Noida	Best Adjudicator
17	B.Sc. Physical Sciences 2nd Year	Ekta	Gargi Olympiad - Kho Kho Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
18	B.Sc. Physical Sciences 2nd Year	Shivani	Gargi Olympiad - Vigoro	Intracollege	Gargi College	1 <sup>st</sup> Position
19	B.Sc. Physical Sciences 2nd Year	Neelam Negi	NCC CAMPS -			
			1. IBC (Interbattalion Camp)			
			2. IGC (Inter group Camp)			
			3. RDC Cadre I			
			4. RDC Cadre II			
			5. RDC Cadre III			
			6. Republic Day Camp 2020			
Hindi Poem Recitation	Intracollege	Gargi College	2 <sup>nd</sup> Position			
Gargi Olympiad - Rugged Handball	Intracollege	Gargi College	1 <sup>st</sup> Position			
20	B.Sc. Physical Sciences 2nd Year	Tarini	Quiz With A Twist	Intercollege	Jesus And Mary College	2 <sup>nd</sup> Position
			Resurrection de Quiz	Intercollege	PGDAV	3 <sup>rd</sup> Position
			General Quiz	National	AIIMS	Participated
21	B.Sc. Physical Sciences 3rd Year	Ritika Verma	Face Painting Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
			Sketch-a-Thon Competition	Intercollege	Jesus And Mary College	1 <sup>st</sup> Position
			Big Canvas Painting	Intercollege	Ambedkar University	1 <sup>st</sup> Position
22	B.Sc. Physical Sciences 3rd Year	Muskaan Rajput	Face Painting Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
			Sci-fi Story Writing Competition	Intracollege	Gargi College	3 <sup>rd</sup> Position
23	B.Sc. Physical Sciences 3rd Year	Muskaan Saini	Face Painting Competition	Intracollege	Gargi College	3 <sup>rd</sup> Position

S.N.	COURSE/YEAR	NAME	EVENT	TYPE	VENUE	POSITION
24	B.Sc. Physical Sciences 3rd Year	Ayushi Sati	Face Painting Competition	Intracollege	Gargi College	3 <sup>rd</sup> Position
25	B.Sc. Physical Sciences 3rd Year	Reetika Dahiya	Khelo India Youth Games	National		1 <sup>st</sup> Position
			World University Games 2019	International	Italy	Participated
			Commonwealth Championship 2019	International	England	7 <sup>th</sup> Position
26	B.Sc. Physical Sciences 3rd Year	Rajdeepika	Poetry Recitation	Intercollege	Hansraj College	1 <sup>st</sup> Position
			Creative Writing Competition	Intercollege	ARSD College	1st Position
			Poetry Recitation	Intercollege	Vivekananda College	1st Position
			Kaavanjali - Bilingual Poetry Competition	Intracollege	Gargi College	3 <sup>rd</sup> Position
			Poetry Recitation	Intracollege	Gargi College	3 <sup>rd</sup> Position
			Poetry Recitation	Intercollege	Daulat Ram College	2 <sup>nd</sup> Position
			Poetry Recitation	Intercollege	JDMC	2 <sup>nd</sup> Position
			Poetry Recitation	Intercollege	Jesus And Mary College	1 <sup>st</sup> Position
			Lokgeet Competition	Intercollege	JDMC	1 <sup>st</sup> Position
			Poetry Recitation	Intracollege	Gargi College	2 <sup>nd</sup> Position
28	B.Sc. Physical Sciences 3rd Year	Tanya Pokhriyal	Rank: Junior Under Officer (Drill/Guard Instructor and Commander)			
			Chief Minister's Rally 15th Aug 2019			Chhatrasal Stadium
			Army Attachment Camp 2019		National	Meerut
			Guard of Honour (Gp) - NCC Fest		Gargi College	
			Guard Competition (Gp)	Intercollege	ARSD College	1 <sup>st</sup> Position
			Drill Competition (Gp)	Intercollege	Lady Shri Ram College	2 <sup>nd</sup> Position
			Guard Competition (Gp)	Intercollege	Lady Shri Ram College	2 <sup>nd</sup> Position
			Drill Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position
			Guard Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position
			Bhangra competition	Intercollege	Dyal Singh College	2 <sup>nd</sup> Position
			Guard Competition (Gp)	Intercollege	Deshbandhu college	2 <sup>nd</sup> Position
			Best Cadet Competition	Intercollege	Dr Bhim Rao Ambedkar College	1 <sup>st</sup> Position



S.N.	COURSE/YEAR	NAME	EVENT	TYPE	VENUE	POSITION
29	B.Sc. Physical Sciences 3rd Year	Nikita	Gargi Olympiad - Saraki Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
			Gargi Olympiad - Kho Kho Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
			Gargi Olympiad - Hand Ball Competition	Intracollege	Gargi College	1 <sup>st</sup> Position
			Best Player in Gargi Olympiad (Science)	Intracollege	Gargi College	1 <sup>st</sup> Position
30	B.Sc. Physical Sciences 3rd Year	Vibhuti Sharma	Cricket Tournament	Intercollege		1 <sup>st</sup> Position
31	B.Sc. Physical Sciences 3rd Year	Vaishali Parashar	Rank:Sergeant (Cultural Head)			
			National Intergration Camp 2019	National	New Delhi	
			Guard Competition (Gp)	Intercollege	ARSD College	1 <sup>st</sup> Position
			Classical Dance Competition	Intercollege	Lady Shri Ram College	2 <sup>nd</sup> Position
			Drill Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position
			Guard Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position
			Classical Dance Competition	Intercollege		1 <sup>st</sup> Position
32	B.Sc. Physical Sciences 3rd Year	Kanchan Yadav	400 Metre Relay	Intercollege	University Ground	3 <sup>rd</sup> Position
			Gargi Olympiad - Discuss Throw	Intracollege	Gargi College	3 <sup>rd</sup> Position
33	B.Sc. Physical Sciences 3rd Year	Supriya	Gargi Olympiad - Sports Quiz	Intracollege	Gargi College	1 <sup>st</sup> Position
34	B.Sc. Physical Sciences 3rd Year	Ayushi	NSS Poster Making	Intracollege	Gargi College	1 <sup>st</sup> Position

## ANCHAL ARORA

EVENT	TYPE	VENUE	POSITION
Business Simulation		International Management Institute, New Delhi	2 <sup>nd</sup> Position
HR Management PowerPoint Presentation	Intercollege	Rukmini Devi Institute Of Advanced Studies, New Delhi	Consolation Prize
Gargi Olympiad - Tug of War	Intra-college	Gargi College	3 <sup>rd</sup> Position
Gargi Olympiad - Vigoro	Intra-college	Gargi College	1 <sup>st</sup> Position
Gargi Olympiad - Athletics	Intra-college	Gargi College	3 <sup>rd</sup> Position
Gargi Olympiad - Handball	Intra-college	Gargi College	1 <sup>st</sup> Position
Chemistry CONTECH Exam	National		Certificate of Excellence

## REETIKA DAHIYA



EVENT NAME	TYPE	VENUE	POSITION
Khelo India Youth Games	National		1 <sup>st</sup> Position
World University Games 2019	International	Italy	Participated
Commonwealth Championship 2019	International	England	7 <sup>th</sup> Position

## TANYA POKHRIYAL



Chief Minister Arvind Kejriwal taking the salute during march-past on the 73rd Independence Day celebrations at Chhatrasal Stadium. \*SHIV KUMAR PUSHPAKAR

### Rank: Junior Under Officer (Drill/Guard Instructor and Commander)

EVENT NAME	TYPE	VENUE	POSITION
Chief Minister's Rally 15th Aug 2019		Chhatrasal Stadium	
Army Attachment Camp 2019	National	Meerut	
Guard Of Honour (Gp) - NCC Fest		Gargi College	
Guard Competition (Gp)	Intercollege	ARSD College	1 <sup>st</sup> Position
Drill Competition (Gp)	Intercollege	Lady Shri Ram College	2 <sup>nd</sup> Position
Guard Competition (Gp)	Intercollege	Lady Shri Ram College	2 <sup>nd</sup> Position
Drill Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position
Guard Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position
Bhangra competition	Intercollege	Dyal Singh College	2 <sup>nd</sup> Position
Guard Competition (Gp)	Intercollege	Deshbandhu college	2 <sup>nd</sup> Position
Best Cadet Competition	Intercollege	Dr Bhim Rao Ambedkar College	1 <sup>st</sup> Position

## RAJDEEPIKA



EVENT NAME	TYPE	VENUE	POSITION
Poetry Recitation	Intercollege	Hansraj College	1 <sup>st</sup> Position
Creative Writing Competition	Intercollege	ARSD College	1 <sup>st</sup> Position
Poetry Recitation	Inter college	Vivekananda College	1 <sup>st</sup> Position
Kaavanjali - Bilingual Poetry	Intra college	Gargi College	3 <sup>rd</sup> Position
Poetry Recitation	Intra college	Gargi College	3 <sup>rd</sup> Position
Poetry Recitation	Inter college	Daulat Ram College	2 <sup>nd</sup> Position
Poetry Recitation	Inter college	JDMC	2 <sup>nd</sup> Position
Poetry Recitation	Inter college	Jesus And Mary College	1 <sup>st</sup> Position
Lokgeet Competition	Inter college	JDMC	1 <sup>st</sup> Position
Poetry Recitation	Intra college	Gargi College	2 <sup>nd</sup> Position

## VAISHALI PARASHAR



Rank: Sergeant (Cultural Head)

EVENT NAME	TYPE	VENUE	POSITION
National Intergration Camp 2019	National	New Delhi	
Guard Competition (Gp)	Intercollege	ARSD College	1 <sup>st</sup> Position
Classical Dance Competition	Intercollege	Lady Shri Ram College	2 <sup>nd</sup> Position
Drill Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position
Guard Competition (Gp)	Intercollege	Delhi College of Arts and Commerce	2 <sup>nd</sup> Position

## Neelam Negi

She completed republic day camp 2020 and got felicitated by Hon'ble Governor of Delhi Mr. Anil Baijal. She was the left marker of prestigious prime minister rally and was the only girl cadet in flag area making.



**Rank: JUO (Junior Under Officer)**

EVENT	TYPE	VENUE	POSITION
Hindi Poem Recitation	Intracollege	Gargi College	2 <sup>nd</sup> Position
Gargi Olympiad - Rugged Handball	Intracollege	Gargi College	1 <sup>st</sup> Position
Tug Of War	Intercollege	College Of Vocational Studies	1 <sup>st</sup> Position

## Nikita Yadav



**Best Player in Gargi Olympiad (Science)**

EVENT	TYPE	VENUE	POSITION
Gargi Olympiad - Saraki Competition	Intra-college	Gargi College	1 <sup>st</sup> Position
Gargi Olympiad - Kho Kho Competition	Intra-college	Gargi College	1 <sup>st</sup> Position
Gargi Olympiad - Hand Ball Competition	Intra-college	Gargi College	1 <sup>st</sup> Position
Best Player In Gargi Olympiad Science	Intra-college	Gargi College	1 <sup>st</sup> Position

## Academic Achievers

### *Toppers of academic year 2018-2019 of B.Sc. Life Science*



**Harshita Upadhyay**  
3<sup>rd</sup> year 9.19 CGPA



**Monika**  
2<sup>nd</sup> year 9.23 CGPA



**Ruchi Jaiswal**  
1<sup>st</sup> year 9.18 CGPA

### *Toppers of academic year 2018-2019 of B.Sc. Physical Science*



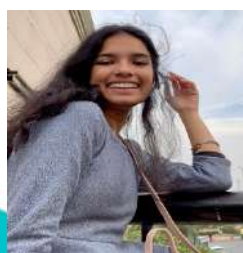
**Leimapokpam Nancy Chanu**  
3<sup>rd</sup> year 9.04 CGPA



**Supriya Shukla**  
2<sup>nd</sup> year 9.36 CGPA



**Vidhi**  
1<sup>st</sup> year 9.18 CGPA



**Aheli Chowdhary**  
1<sup>st</sup> year 9.18 CGPA



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## Our Campus





**PHYSICAL SCIENCE  
BATCH  
2017-20**

*We all love you to beyond infinity and back,*







*Memories*  
are  
timeless treasure  
of the  
*Heart*







**We Would like to thank everyone who contributed in the making of this magazine. It was a fun rewarding experience and we hope our readers enjoyed reading it as much as we did making it**

**The infinitus Editorial Team 2019-20**