

# SHADES

2021





In Memory of Prof. B. P. Khandelwal

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**"THE MEMORY OF THE RIGHTEOUS IS A BLESSING"  
IN EVERLASTING MEMORY OF PROF. B.P. KHANDELWAL**  
(Hon'ble Vice Chairman of School Managing Committee)



**Prof. B. P. Khandelwal**  
( 10.07.1941 - 13.5.2021)

Hon'ble Vice Chairman, DPS Ruby Park Managing Committee; Ex-Chairman, CBSE;  
Ex-Vice Chairman & Member, Delhi Public School Society

*A tireless crusader of meaningful education and a human being par excellence.*

*Shri Khandelwal was always enthusiastic and encouraging when students undertook any task. He had passed us his message of support when he heard that we had commenced work on our annual magazine. We, the Editorial Team, would like to pray for his guidance in our present endeavour.*

*You will be missed, sir!*

*The larger the island of knowledge and creativity, the longer the shoreline of wonder. Imagination and creativity are the traits that fuel the future. Both serve to inspire students and foster their mental growth and should be integrated into every part of learning. Hence, we here at DPS Durgapur believe teaching students how to think is more important than teaching students what to think.*

*"SHADES" is a yearly magazine channeling the self-expression and brilliant minds under the roof of DPS Durgapur. I hold in esteem the tireless efforts of the Management, the teachers and the Editorial team who have worked hard even amidst the challenging circumstances and hope this edition brings joy to everyone who reads it. Editorial team has worked hard even amidst these challenging circumstances and hope this edition brings joy to everyone who reads it.*

# Message



DPS DURGAPUR



*From the Chairman....*



**The Delhi Public School Society**  
(Registered Under Societies Registration Act, 1860)

*"Somewhere, something incredible is waiting to be known." -Carl Sagan*

There is never any point in the life of a person when he can sit back and say, "There is nothing more to learn, I can relax with the comforting thought that the universe around me is an open book. I know it all."

Today, the role of a school is not only to pursue the academic excellence but also to motivate and empower the students to be lifelong learners, critical thinkers, and productive members of an ever-changing global society. Converting every individual into a self-reliant and independent citizen.

Education is not just about the subjects that are learnt and taught in school. Becoming educated is not restricted to being in school and then in college, gathering certificates and feeling proud of oneself. It is a lifelong exercise that can be unbelievably exciting if only we wish to jump onto the train of experience and take a trip to every conceivable place on the earth.

The thirst for knowledge is not restricted to the child. It is also essential for a parent and a teacher to keep adding to their own knowledge bank by keeping their eyes and ears open and by reading as much as possible and ensuring that children develop these habits as well.

Schools and teachers must ensure that children have a society of enriching experiences. Surprisingly, these experiences develop a child's creativity and imagination and lead to something that is often thought to be more important than knowledge. Creativity and imagination make children grow up to be productive adults who then arrive as citizens of the world ready to make their own great contribution to mankind.

"Imagination is more important than knowledge. Knowledge can limit your learning and understanding, while imagination embraces the entire world. The school magazine is also a platform for the students to imagine, create and think beyond the walls of the school building. The next issue of 'Shades' is a productive way to keep the students engaged during the difficult times.

I wish the students and the teachers of Delhi Public School, Durgapur, and a very big success in all their ventures. I also applaud the coordination and efforts behind the team to bring out this issue. I wish them all success.

Best wishes!

V. K. Shunglu  
Chairman  
DPS, Society





*From the Chairman....*



**The Delhi Public School Society**

(Registered Under Societies Registration Act, 1860)  
(Regn. No. S 361 of 1948 - 1949)

Greetings to All!

The year 2020 has been a period of great stress and strain as the COVID 19 pandemic dictated terms throwing the world into a topsy-turvy. Very few of us have realised the importance of generosity, compassion and fellow feeling till the world was rocked by the unexpected set back. The effort of an educator should always be to develop, nurture and unlock these treasures in the heart of the children. Delhi Public School, Durgapur is an excellent example where everyone strives indefatigably for this. The institution has been nurturing young minds of the city for last ten years or so and thus creating its own space in the education world.

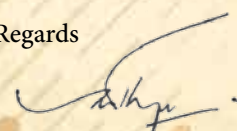
Every child is like a seed which has the potential to grow if it is nourished with love and care under the right guidance. In the current challenging times, it is essential that children should not only excel in academics but should also develop courtesy, discipline, smart personality, social sensitivity and be imbibed with the traditional values and culture of our country. Childhood is the best time to lay the foundation of the core values essential for the overall development of the future citizen of tomorrow.

In Delhi Public school, Durgapur, each and every student is understood, valued and attended too. Equal attention is given to the development of the children both academically and in extracurricular activities like different sports, yoga, cultural activities, etc.

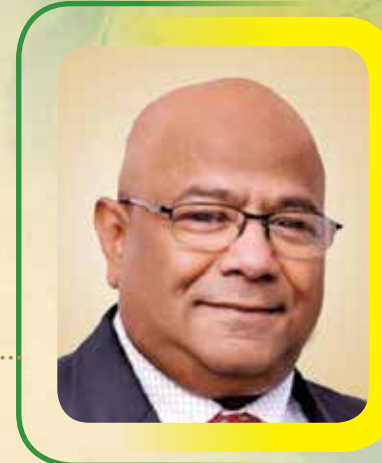
Year by year the efforts of all our staff and students have taken the school forward in terms of excellence. The school has progressed in leaps and bounds. Today the school stands as one of the noted educational landmarks in the heart of Durgapur.

The school magazine 'Shades' is the platform to showcase the latent talent of the budding writers, poets and artists. It is hoped that every reader is informed, uplifted and enlightened by reading it. Happy reading

Regards



**Vikram Thapar**  
Chairman  
Managing Committee  
Delhi Public School, Durgapur



*From the Member*



**The Delhi Public School Society**

(Registered Under Societies Registration Act, 1860)

"The function of education is to teach one to think intensively and to think critically. Intelligence plus character – that is the goal of true education"

– Martin Luther King

The urge for questioning why things are the way they are, develops critical thinking. Delhi Public School, Durgapur is aligned with this thought. It aims at inculcating self-directed learning, self-disciplined, self-monitored, and self-corrective thinking in children. This institution works to enhance language and presentation skills, promotes creativity, but above all fosters self-reflection.

Going through the pages of this glorious magazine one can comprehend that, the school helps children, to think creatively 'out of the box' and critique ideas logically. It emphasizes not only in the power of concentration but also upon which to concentrate, thus making academic success and the development of character as complementary and not competitive.

'Shades' is an evidence of the school striving hard to make the best possible efforts to inculcate strong values combining with academics and extra-curricular activities in the children even during this pandemic. Going through these hard times a child harnesses the best ways of becoming a responsible, balanced and matured individual.

I'm sure that this magazine will glorify the grandeur of the school adding a petal of excellence every year and continue to stir up the minds of the readers.

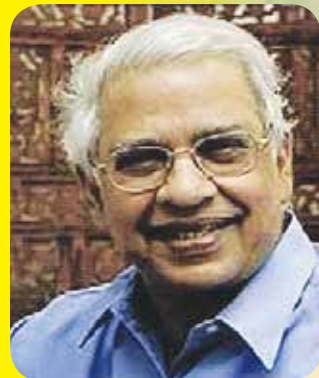
I extend my warm wishes and heartiest congratulations to all to continue this journal on the path of excellence and making it a treat to the readers.

With regards



**Koushik Dutta**  
Hon'ble Member of the DPS Society





*From the Vice Chairperson*



**Delhi Public School, Durgapur**

Plot No. 2D/10, Sector 2D, Bidhannagar, Durgapur-713212 99030 28214, 99030 29462, 03432002816 | www.dpsdurgapur.com

I am happy to know that Delhi Public School, Durgapur is bringing out their school magazine, which would provide an opportunity to the pupils to express their creativity that leads to the development of divergent thinking

It is a moment of exhilaration to pen down the message, as my heart fills with immense pleasure to witness the progress being made at Delhi Public School, Durgapur.

The seeds of sown in 2012 has quickly grown into strong sapling. It is the endeavour of the OmDayal Group to make the academic like, a smooth journey full of joy and discovery.

We have to accept that there is no greater victory in life of human being than victory of mind. Education is the single largest factor that shapes the head, heart and mind thereby developing on all round personality. Quality is never an accident but it is always the result of high intensions, sincere efforts, intelligence direction, skilful execution and the vision to see obstacles as an opportunity

The school magazine is a platform for the students to express their creative pursuit which develops in them originality of thought and perception. The contents of the magazine, 'Shades', reflect the wonderful creativity of thoughts and imagination of our Dipsites.

The endeavour of Delhi Public School, Durgapur in organising educational, curricular and social awareness activities for overall development of the young minds of the country at different places deserve appreciation, as it has ensured to make the youth as strong and responsible citizens of the country

I extend my warm wishes to the Principal, Staff and Students of Delhi Public School to continue this journey on the road of excellence.

"May the sapling grow into a sturdy tree and spread its branches

**Mr. B.K Chaturvedi**  
Vice Chairperson  
Managing Committee, DPSDurgapur



*From the President....*



**OmDayal Educational & Research Society**

Flat No. 40, 3<sup>rd</sup> Floor, Queens Mansion, 12 Park Street, Kolkata 700 071 P 98317 22266/98318 22266/98319 22266 F 033 2227 5967

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."

Education is the most important element which is required for human beings to civilize and struggle for their rights. It is not only the means for people to rediscover their identity but also achieve self- respect.

Delhi Public School, Durgapur works for the holistic development of the children, which is the actual aim of education. We educate to open up the minds, expand it and facilitate to improve life through multitudinal aspects. The school believes in joyful experiential learning process encouraging each child's whole-hearted participation whether physically or through online modes. There is a balance between emotional and critical thinking for them to graciously accept failure but at the same time never fail to grab opportunities that come their way.

The education imparted here empowers children to act as representatives of a meaningful and value-based society. The teachers and pedagogy aim at a holistic and comprehensive learning.

Our children have a lot of potential within them which needs proper channelization and out let. Shades provide the platform where their talents ooze out like a volcanic eruption and thus flows the wonderful literary work.

A glance through this magazine 'Shades' will make the readers understand how the school is making the children smart, curious, alert, observant, competent, confident, resourceful and persistent.

I extend my best wishes and hearty congratulations to all for making this journal such a success.

With regards



**Shri S. S. Agarwal**  
Chairman of OMDAYAL EDUCATIONAL & RESEARCH SOCIETY





*From the Member*



**OmDayal Educational & Research Society**

Flat No. 40, 3<sup>rd</sup> Floor, Queens Mansion, 12 Park Street, Kolkata 700 071 P 98317 22266/98318 22266/98319 22266 F 033 2227 5967

Innovation and novel ideas are key to a bright future. To quote our former President Dr. Abdul Kalam “Dreams are not those you see when you sleep, but dreams are those which does not let you sleep”. DPS Durgapur’s zeal to map academic excellence with a good human value system is one such dream. In all these years of great run it’s distinctive blends of offerings in the areas of knowledge and enterprise have received enormous plaudits.

The yearly school magazine- ‘Shades’, is no exception to it. At this very outset it’s a privilege to announce the publication of a yet another successful edition of the magazine. Since it took its first baby steps in year 2017, this magazine has never lost its fervor to make the surrounding stimulating and powerful.

This year as we march towards the 10th year of our existence, we took to celebrate potentials of young talents through this platform, facilitated the faculty and student to collaborate in academic spirit to nurture talent with enthusiasm and there by accelerating the learning progress.

Keeping in tune with the pandemic scenario the current edition of ‘Shades’, upholds articles, poems and paintings that showcase the creative abilities of the budding talents here. It also highlights various competitions, activities, innovative programs, maiden initiatives, effective participation, and grand celebrations organized in order to develop self-esteem, encourage latent talents and promote creativity among youngsters.

This magazine is a compilation of immense effort put forward by the invincible Dipsites and also a specimen of their indomitable spirit amidst such testing times when the world is couched home. We hope that it will prove itself as a strong catalyst once again and our beloved readers will cherish our efforts.

Happy reading!!

*Shri Alok Tibrewal*

**Shri Alok Tibrewal**  
Pro Vice-Chairman  
Delhi Public School, Ruby Park Kolkata and Durgapur



*From the Principal*



**Delhi Public School, Durgapur**

Plot No. 2D/10, Sector 2D, Bidhannagar, Durgapur-713212 99030 28214, 99030 29462, 03432002816 | [www.dpsdurgapur.com](http://www.dpsdurgapur.com)  
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“Children must be taught how to think, not what to think”. In DPS Durgapur we have proved to be effective and successful time and again to educate, enlighten and empower our children so that they can stand the test of time. Besides imparting education to match the advancement in technology and globalization, we train our children to march ahead with uncompromising ethos of moral values and principles.

Delhi Public School, a harbinger of “Quality Consciousness” has etched a benchmark for its progressive approach and commitment to excellence. Distinction and diversity being its twin hallmark, it stands as a citadel of learning and promoting innovative initiatives amongst young minds. This magazine, a grand initiative supported by DPSSociety, will surely go a long way in enabling students to reach their fullest potential and enhance their pursuit of excellence.

It is natural to find in this ambience, the intensive use of variety of thinking activities, strategies and group dynamics and ‘Shades’, is a milestone that marks our growth, unfolds our imagination and gives life to our thoughts and aspirations. It is not only a periodical or yearbook for us, it is rather an encouragement for our students to carry out their studies and extra-curricular with great zeal.

‘Shades’ is a statement about progress. The outstanding performance by students in academic, scientific and literary fields and in arts and sports find their way into our yearly magazine. The spirit of constructive competition is boosted, sense of responsibility is inculcated and feeling of togetherness is enhanced with such publications. We welcome the publication of this edition as a yet another opportunity to showcase the talents of our future artists, novelists, poets and writers.

Covid-19 has impacted the lives of people around the world. Inexorable circumstances beyond normal experience have raised the risk of long-term adverse consequences on children and adolescents. Anxiety, irritability, inattention and clinging behavior amongst children, adolescents and youth are attributable to disruption in their education, physical activities and opportunities for socialization.

Amidst such a challenging situation we are immensely hopeful that ‘Shades’ will help children master their time and day. It will provide a wonderful platform to revive connectivity, cope with stress and anxiety and accelerate positive mechanisms.

Every cloud has a silver lining. We are hopeful that in no time our resilience and perseverance will take us to the brightest end of this dark tunnel where usual clamor of classrooms, cheerful faces of children, busy school hours and a normal fear free life is awaiting us eagerly.

With exhilaration we put forth this edition of the session 2021-2022. Together as we embark on yet another fruitful academic year and in the 4th edition of our school magazine, we would like to extend our sincere appreciation for the management of DPS Durgapur for all their support and reinforcement. I also extend my heartfelt thanks to the parents and all the stakeholders to have faith on us and giving support through and through.

We are hopeful that our honest enterprise in form of this magazine will surely help our learners push their limits, strive for excellence, and instill in them confidence to evolve as finer individuals. The following pages of this magazine will give wings to our flight and surmount newer heights.

Stay Blessed and Happy Reading!!

*Umesh Ch. Jaiswal*

**Umesh Ch. Jaiswal**  
Principal





“Do not confine your children to your own learning, for they were born in another time.”

The yearly school magazine, ‘Shades’ serves as a forum for the expression of the literary and artistic skills of the students, besides highlighting the forays made by the school in the various competitions and school celebrations that the students participate in.

A weak link is better than a strong memory, the saying goes, as nothing exemplifies it better than the nostalgic feeling that one gets when leafing through the dusty old pages of the school magazine. It can make a reader travel down the lanes of memory, giving a surge of emotions of many hues and colors. Shades is going to give the same pleasure to all the brilliant minds who travers through the portals of this temple of learning.

Happiness is neither virtue nor pleasure, it is the growth that makes all happy. In this edition of ‘Shades, we can see the enthusiasm of the students who have devoted their time and plunged into creating wonderful, informative and creative write-ups.

The publication of the 4th edition of our Annual School Magazine is to celebrate the many accomplishments and achievements that have been made by the students and staff of Delhi Public School, Durgapur, in the past year. It was a year of achievements and victories, of facing new challenges and reaching greater heights.

Teamwork is the hallmark of DPS Durgapur, that gets reflected by the efforts put in by each member of the magazine committee. We are creating a future full of optimism and enthusiasm, a future where every endeavour will succeed and ineptitude and disillusionment will be something of the past. We invite all of you to read and immerse yourself in the unfolding art and be exulted.

This magazine is a medley of facts and figures coupled with raw creativity from the contributors. It is hoped that every reader is informed, uplifted and enlightened by reading it.

Happy Reading!

### Editorial Team

#### Chief Editor

Sri Umesh Ch. Jaiswal (Principal)

#### Sub- Editors

Ms. Enakshi Dutta  
(HOD English Dept)

Dr. Shobha Thakur  
(HOD Hindi Dept)

Ms. Rituparna Das Dutta  
(HOD Bengali Dept)

Mr. Sudip Paul  
(Department of Art)

### Cover Design

Komal Burnwal (Class IX)



## Head Boy and Head Girl Speak



“Expect the Unexpected” if I had to sum up my time in this warm and welcoming school, this is the phrase I would use.

From my arrival in DPS, to my successful stint in the debating society and even the opportunity to be the part of the student’s council. All these events which exalted me and filled me with optimism, in retrospect, came as a pleasant surprise.

These inimitable three years that I have spent in the school have given me priceless memories, which I would cherish for the rest of my life. From the clinking of the tiffin boxes to the excited faces in the school canteen, from the uniform check after the assembly to the constant fights for the best spot in the computer lab. Somewhere between all these childish yet surreal experiences, we all grew up.

I would like to thank all the teachers and Principal sir for always showing faith in me and pushing me out of my comfort zone so that I would never settle for mediocrity.

At last, I would just like to say, “though the constant hustle in work would take me to various destinations and institution, I have left a part of my soul in those red and white buildings laughing and roaming for the rest of my life.....and the capricious years to come”

**Akshat Khaitan**  
Head Boy



Preparing myself for the most important years of my life, having DPS as my guiding angel, maybe it’s today that I realize that I have been swiftly taken to a land far away. With all my confidence, discipline and knowledge, this ushering light has not prepared me for the journey back home, but only to fly high and kiss the skies.

Carefully moulded into fine characters by my mentors, embarking upon my last school year, I feel humbled to have had amazing opportunities to excel and achieve in all that I do with encouragement to each obstacle. My heartfelt thanks to my Principal and all my teachers who guided me throughout despite this dystopian phase of the world, remained so supportive and considerate, stood by in hard times and imbibed the qualities of perseverance and self-confidence and thought me worthy and capable enough to take up such a huge responsibility.

My life in DPS revolved around long distance, lockdown and faulty broadband, teaching me to love my very pixelated and stammering fellow mates more and may be miss them a little harder too. I never got the taste of the cacophony in the corridors and staircases, favourite benches and libraries. Yet, all the virtual meets will have their essence etched in my mind forever. Though we are standing at the minima point in our parabolic graph, let’s smile the brightest and paper fold all such moments to make them disappear in the vastness of the sky and call it hope. It’s time when we sacrifice more of ourselves in dreams of forever’s and infinities because, “When the going gets tough, the tough get going!”

All the best to everyone in their future endeavors.

**Nandini Pandey**  
Head Girl

# EDITORIAL

# MESSAGE



## Class 10 Toppers



AASHNA PANDEY



ADARSH JEET  
LAKRA



AMAR GHOSH



AMISHI OJHA



AMRITA



ANANYA ROUT



ANEESH VERMA



ANIRJIT DEB  
ADHIKARI



ANISH KUMAR  
SINGH



ANKIT MISTRY



ANKITA  
PRIYADARSHI



ANUSKA MONDAL



ARIJIT MISRA



ARINDAM  
CHATTARAJ



ASMI BANERJEE



ATMAJ GUHA



AYUSH KESHARI



AYUSH KUMAR  
JHA



DEBAJYOTI  
SINGHA



DIPANNITA  
CHAKRABORTY



DISHANI GUPTA  
BHAYA



DIVYA



G PRANAV



HARDIK  
CHATURVEDI



JITANGSU  
CHATTERJE

## Class 10 Toppers



MANJYOT SINGH  
KALSI



MD AYAN



MISBAH MAZ



NILADRI SEKHAR  
DUTTA



PIYANU BAGARIA



PREKSHA  
SHARMA



RISHAV RAJ



RSHIKESH  
CHATTERJ



RUPAM KUMAR  
MONDAL



SAKET SUDHAKAR  
JHA



SARANYAA ADAK



SAYANI LAHA



SHIVANSHU  
VERMA



SHREEJIT SAHA



SHREYA PANDEY



SIDDIH GARG



SOUVIK GHOSH



SUBHAJIT BOSE



SUJOYA GHOSH



SYED MD  
SHAHRIYER



TAPAJYOTI MATIA



## Class 12 Toppers



ABID NAWAZ



ADITI NANDI



ANANYA CHOUDHARY



ANISH RAY



ANKAN ROUTH



ANUSHKA DEEPAK  
SARKAR



APURVA SINGH



ARADHANA  
MUKHERJEE



ARNEET DUTTA



ARYAN PODDAR



ASHISH VERMA



ATMAJA GUHA



CHETNA PATEL



DEBSHANKAR  
PARAMANIK



DIPTIMAN  
DASGUPTA



DISHA DAN



DOLLY LOHIA



ESHNA GHOSH



KASHISH UPWEJA



KUMARI KHUSHI



LINGGULL  
TAYENG



MEGHA KEDIA



MOHIT TIWARI



MUGDHA  
CHATTERJEE



NAYONEEKA PAUL

## Class 12 Toppers



PRAKRITI GHOSH



PRANAV SHARMA



PRIYANKA  
CHOWDHURY



PRIYANSHU  
TIWARI



RAHUL KUMAR  
MONDAL



RAJASHREE  
DASGUPTA



RAKESH GHOSH



RITOBRATA PAL



SAHIL ISLAM



SANJUKTA  
DEBNATH



SANKRITYA  
THAKUR



SAYANTI GHOSH



SHIVASHISH  
BHUNIA



SHRESTHA ROY



SHREYA NANDI  
ROY



SHUBHAYU ROY



SNIGDHA ROHILLA



SONAKSHI GHOSH



SURAJ SINGH



VAIBHAVIE  
SRIVASTAVA



VEDANT KANOJE



VEDANT SAH



VULAPU SRINATH



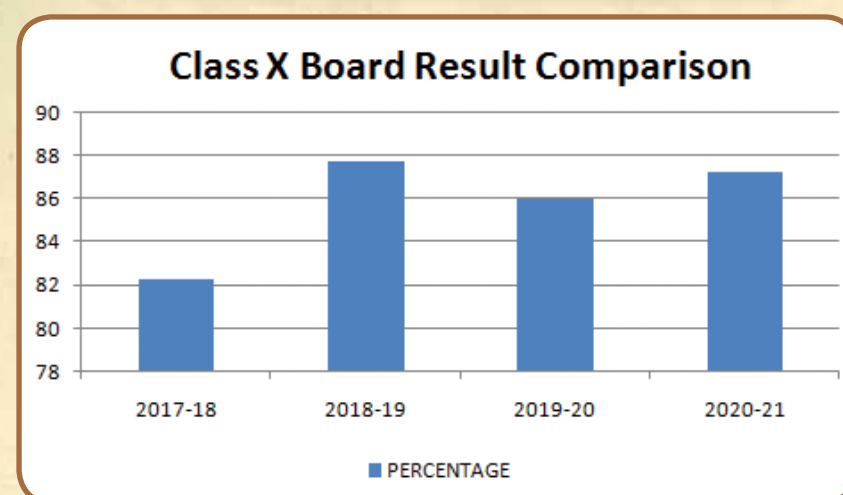
YASH MOHTA



## Congratulations

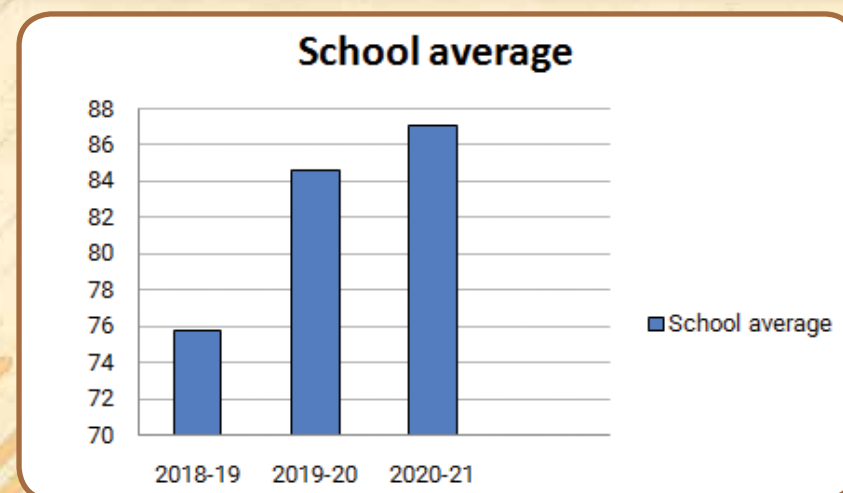
### Class 10 Board Result

YEAR	PERCENTAGE
2017-18	82.32
2018-19	87.76
2019-20	86.00
2020-21	87.28



### Class 12 Board Result

	2018-19	2019-20	2020-21
Students securing 90% and above	6.40%	34.18%	33.79%
Students securing 80% and above	38.70%	74.68%	91.72%
School Average	75.8	84.65	87.12



### Class 10 (2021) CBSE Toppers

SAYANI LAHA	98.8
SHIVANSHU VERMA	98.6
SARANYAA ADAK	98.6
ANIRJIT DEB ADHIKA	98.4
ANEESH VERMA	98.2

### Class 12 (2021) CBSE Toppers

YASH MOHTA (Science)	97.8
MUGDHA CHATTERJEE (Science)	96.4
RAKESH GHOSH (Science)	96.2
ESHNA GHOSH (Science)	96
VULAPU SRINATH (Science)	96
DOLLY LOHIA (Commerce)	96
ATMAJA GUHA (Science)	95.6
PRAKRITI GHOSH (Science)	95.6

## Congratulations



## दुर्गापुर में सीबीएसई का परिणाम रहा शत-प्रतिशत

दुर्गापुर : सीबीएसई का परिणाम दुर्गापुर में 100% प्रतिशत रहा। यह परिणाम दुर्गापुर के विद्यार्थियों के लिए एक बड़ा उपलब्धि है।





आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद)

दुर्गापुर : सीबीएसई का परिणाम दुर्गापुर में 100% प्रतिशत रहा। यह परिणाम दुर्गापुर के विद्यार्थियों के लिए एक बड़ा उपलब्धि है।

## दिल्ली पब्लिक स्कूल का बारहवी का रिजल्ट बेहतर रहा

दुर्गापुर : दुर्गापुर पब्लिक स्कूल, दुर्गापुर बारहवी कक्षा के छात्रों को एक महत्वपूर्ण मौल का पथ प्रदान करने के लिए रिजल्ट बेहतर रहा।





आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद)

## दिल्ली पब्लिक स्कूल, दुर्गापुर का परिणाम रहा बेहतर

दुर्गापुर : इस वर्ष की बारहवी कक्षा के छात्रों ने दिल्ली पब्लिक स्कूल, दुर्गापुर के छात्रों के रिजल्ट बेहतर रहा। साईस स्ट्रीम (96.2%) रहे। कॉमर्स की टॉपर डॉली लाहिआ रही। कुल 33.79% छात्रों ने कुल मिलाकर 90% और उससे अधिक अंक प्राप्त किये हैं और 91.72% ने कुल मिलाकर 80% और उससे अधिक अंक प्राप्त किये हैं। स्कूल के बेहतर नतीजे को लेकर स्कूल के शिक्षकों और छात्रों में खुशी का माहौल है।







## दिल्ली पब्लिक स्कूल में यश मोहता

दुर्गापुर : दिल्ली पब्लिक स्कूल में यश मोहता का परिणाम बेहतर रहा।





आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद)

## दुर्गापुर के दिल्ली पब्लिक स्कूल ने मनाया प्रेमचंद जयंती समारोह

दुर्गापुर : दिल्ली पब्लिक स्कूल, दुर्गापुर ने प्रेमचंद जयंती समारोह मनाया।



प्रेमचंद जयंती - 2020

विजयि: से बहकर अनुरोध सिखाने जाना विद्यार्थियों आज तक नहीं सुना।

दुर्गापुर : दिल्ली पब्लिक स्कूल, दुर्गापुर ने प्रेमचंद जयंती समारोह मनाया।

## सिबिएसई दशम श्रेणी परीक्षाय असाधारण फल दुर्गापुर के दिग्ग पब्लिक स्कूल के

दुर्गापुर : सिबिएसई दशम श्रेणी परीक्षाय असाधारण फल दुर्गापुर के दिग्ग पब्लिक स्कूल के छात्रों के लिए एक बड़ा उपलब्धि है।





आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद)

## दिल्ली पब्लिक स्कूल का परीक्षा परिणाम रहा शत प्रतिशत

दुर्गापुर : दुर्गापुर के प्रसिद्ध अंग्रेजी माध्यम स्कूल दिल्ली पब्लिक स्कूल ने इस साल की सीबीएसई परीक्षा में अभूतपूर्व सफलता हासिल की है। इस साल की सीबीएसई परीक्षा में 134 उम्मीदवारों में से 50 को 90 प्रतिशत अधिक अंक मिले। 55 छात्रों ने 80 से 89 प्रतिशत अंक प्राप्त किए। इस बार स्कूल का औसत अंक 85.99 प्रतिशत है। स्कूल टॉपर शिरिन चौधरी को 99 प्रतिशत अंक मिले। मेघना राज को 98.8 प्रतिशत अंक मिले। निम्नलिखित छात्रों को 98.4 प्रतिशत अंक मिले।





आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद)

## शिरिन 99 फीसद अंक के साथ टॉपर

दुर्गापुर : सीबीएसई दसवीं की परीक्षा में दुर्गापुर के विद्यार्थियों ने शानदार प्रदर्शन करते हुए स्कूल का नाम रोशन किया है। विद्यार्थियों में शिरिन चौधरी 99 फीसद अंक हासिल कर टॉपर रही। विद्यालय के निम्नलिखित छात्र-छात्राओं ने परीक्षा में हिस्सा लिया था, जिसमें सभी छात्र-छात्रा 99% टॉपर






आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद), निशिया काजोरिया (98.8 फीसद)

## दिल्ली पब्लिक स्कूल का नतीजा शत प्रतिशत रहा

दुर्गापुर : सीबीएसई के दसवीं कक्षा के नतीजे बुधवार को घोषित हुए। शहर के अंग्रेजी माध्यम स्कूल दिल्ली पब्लिक स्कूल का नतीजा शत प्रतिशत रहा। इस साल स्कूल में 134 बच्चे परीक्षा में शामिल हुए थे, जिसमें सभी अच्छे नंबरों से पास हुए। पांचवें स्थान पर रही, स्कूल के इस बेहतर स्कूल की शिरिन चौधरी 99 प्रतिशत परिणाम को लेकर स्कूल के शिक्षक और लाकर स्कूल टॉपर रही, वहीं मेघना राज 98.8 प्रतिशत अंक लाकर द्वितीय, आयन यादव 98.20 प्रतिशत अंक लाकर चतुर्थ और अनुष्का चटर्जी 98 प्रतिशत अंक लाकर






आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद), निशिया काजोरिया (98.8 फीसद)

## दिल्ली पब्लिक स्कूल, दुर्गापुर में मनी जन्माष्टमी

दुर्गापुर : 11 अगस्त दिने पब्लिक स्कूल, दुर्गापुर में मनी जन्माष्टमी का आयोजन किया गया।





आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद)

## कृष्ण और माता यशोदा का प्रेम

दुर्गापुर : कृष्ण और माता यशोदा का प्रेम का आयोजन किया गया।





आयन यादव (98.8 फीसद), मेघना राज (98.8 फीसद), शिरिन चौधरी (99 फीसद)



Durgapuja  
Special Assembly



Inter House Solo  
Classical Dance  
Competitions



Republic Day  
Special Assembly



Vivekananda  
Special Assembly



Vasantotsav 2021



Independence Day  
Special Assembly



Janmashtami 2021



Raksha Bandhan 2021





## English Department

### IEO Result Sheet 2020-2021

Class	Name	Int Rank	Zonal Rank	
3	Aaman Chandra	1	1	International Gold Medal + Certificate of outstanding performance
	Tridha Dutta	2	2	International Silver Medal + Certificate of outstanding performance
	Atiksh	2	2	International Silver Medal + Certificate of outstanding performance
	Aditya Narayan Roy Chowdhury	4	3	Zonal Gold Medal + Certificate of Zonal Excellence
	Siyona Garud	4	3	Zonal Gold Medal + Certificate of Zonal Excellence
	Shehhryar Ahmed	10	8	Medal of Distinction + Certificate of Distinction
4	Shreyaansh Acharya	4	4	Zonal Gold Medal + Certificate of Zonal Excellence
	Samridhha Debnath	9	8	Certificate of Distinction
	Ankit Ghoshal	19	15	Certificate of Distinction
5	Ishanvi Jain	4	2	Zonal Gold Medal + Certificate of Zonal Excellence
6	Rohan Kumar Bardhan	18	4	Zonal Bronze Medal + Certificate of Zonal Excellence

### All India Forum for English Students Scholars and Trainers

	Nandini Pandey	1ST	IN CLASS 9-12 CATEGORY
	Arushi Banerjee		Self Composed Poems were Recited and Uploaded in the Official Website
	Shubhangi Saha		
	Sreya Konar		
	Anuska Chatterjee		

### Story Published by Unvoiced Hearts Compiled by Nikita Mukherjee

	Ananya Manoj Singh		Dream of a Brown Girl
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## Mathematics Department

### IMO Toppers

Class	Name	International Rank
4	Shreyansh Acharya	1
4	Ahana Banerjee	1
9	Mridunja Raman	1

### SMTE (2nd Level)

Class	Name	International Rank
10	Shivanshu Verma	46
10	Saranya Adak	73

### NTSE

Class	Name	Ntse Scholarship 2020
12	Aayan Yadav	

## General Knowledge

### SOF International General Knowledge Olympiad 2020-21

Name	Rank / Achievement
Rian Ray (Class 1)	Zonal Rank -9, Regional Rank -55, International Rank -253 Gifts Worth Rs. 500/- + Medal of Distinction + Certificate of Distinction
Anshul Kedia (Class 3)	Zonal Rank -10, Regional Rank -10, International Rank -11 Gifts Worth Rs. 500/- + Medal of Distinction + Certificate of Distinction
Shreyaansh Acharya (Class 4)	Zonal Rank -1, Regional Rank -1, International Rank -1 Gifts Worth Rs. 1000/- + International Gold Medal + Certificate of Outstanding Performance
Rishika Tripathi (Class 4)	Zonal Rank -10, Regional Rank -14, International Rank -21 Gifts Worth Rs. 500/- + Medal of Distinction + Certificate of Distinction
Kushankur Rakshit (Class 5)	Zonal Rank -1, Regional Rank -4, International Rank -4 Gifts Worth Rs. 1000/- + Zonal Gold Medal + Certificate of Zonal Excellence
Sinjan Sannigrahi (Class 9)	Zonal Rank -6, Regional Rank -31, International Rank -61 Gifts Worth Rs. 500/- + Medal of Distinction + Certificate of Distinction



## Science Department

Joint Entrance Examination (Main) – March 2021, NTA Score Card-

- A. Yash Mohta- 97.8944829
- B. Arneet Dutta- 95.0547502

Joint Entrance Examination (Main) – July 2021, NTA Score Card-

- A. Yash Mohta : 97.7886696
- B. Shivam Priyanshu : 94.6346547
- C. Arneet Dutta : 90.4665418

WBJEE 2021

Yash Mohta - Rank : 228

BITS, PILANI

Yash Mohta - Scored 301 out of 450

NTSE Scholarship 2020

Ayan Yadav - Qualified



Sl. No.	Name of the Students	Examinations Appeared for	Ranks/Achievements
1.	Aaman Chandra (CL 3)	NSO - SOF (2020-21)	Zonal - 10, Regional - 10, International - 10; Gift worth Rs.500, medal of Distinction, Certificate of Distinction.
2.	Debankkit Paul (CL 4)	NSO - SOF (2020-21)	Zonal - 4, Regional - 4, International - 36; Gift Worth Rs.1000, Zonal gold Medal, Certificate of Zonal Excellence.
3.	Chandrima Loha (CL4)	NSO - SOF (2020-21)	Zonal - 6,Regional - 6, International - 6; Gift worth Rs.1000, Zonal Bronze Medal, Certificate of Zonal Excellence.
4.	Mridunja Raman (CL9)	NSO - SOF (2020-21)	Zonal—3, Regional-5,International - 8; Gift worth Rs.1000+ Zonal Bronze Medal+ Certificate of Zonal Excellence.
5.	Annway Samal (CL9)	NSO - SOF (2020-21)	Zonal - 3, Regional - 5, International - 8; Received gift worth Rs.1000+ Zonal Bronze Medal, Certificate of Zonal Excellence.
6.	Mridunja Raman (CL9)	Vidyarthi Vigyan Manthan 2020-21	Rank-2. State Level Camp Winner
7.	Mridunja Raman (CL9)	NSTSE-2021	State Rank-3. Medallion
8.	Sneha Dey (CL9)	NSTSE-2021	State Rank-2. Certificate, Medal and gift voucher of Rs. 1198
9	Rohan Kumar Bardhan (CL 6)	NSTSE-2021	All India Rank-9. Medal and gift voucher of Rs. 2000
10	Annway Samal (CL9)	Asset Talent Search 2019-20	ASSET Talent Gold Scholar Certificate of outstanding performance in science in ASSET 2019

## Music & Dance Department

Name	Class	Sec	Subject	Event Name	Position	Year
Soumyadip Ruidas	10	C	Guitar	Instrumental Music Competition (Organised by Mlzs Joka)	2Nd	2021
Soumyadip Ruidas	10	C	Guitar	Vasantotsav (Organised by DPS, Durgapur)	1St	2021
Aritra Pal	8	D	Guitar	Vasantotsav (Organised by DPS, Durgapur)	3Rd	2021
Akruti Meher	1	C	Dance	Abhibyakti (Organised by DPS, Durgapur)	1St	2021
Nayanika Bharati	1	C	Dance	Abhibyakti (Organized by Dps Rubypark)	1St	2021
Rishika Tripathi	4	A	Dance	Vasantotsav (Organised by DPS, Durgapur)	3Rd	2021
Soumosree Bhattacharjee	8	C	Dance	Vasantotsav (Organised by DPS, Durgapur)	1St	2021
Sohana Roy Burman	7	A	Dance	Vasantotsav (Organised by DPS, Durgapur)	1St	2021
Sohana Roy Burman	8	B	Dance	Tumi Robe Nirobee (Organized by GTBPS) 2Nd	2Nd	2021
Harshita Gupta	3	D	Dance	Tumi Robe Nirobee (Organized by GTBPS)2Nd	2Nd	2021
Aishik Mondal	7	D	Song	Vasantotsav (Organised by DPS, Durgapur)	3Rd	2021
Aurna Choudhury	3	D	Song	Tumi Robe Nirobe (Organised by GTBPS)	2Nd	2021



# Students' Council

Junior



**Head Boy**  
Abir Rakshit, 5



**Head Girl**  
Ahana Quazi, 5



**Captain Ganga House**  
Abhigyan Amit Singh, 5



**Captain Chenab House**  
Srestha Sruzonika Panda, 5



**Captain Kaveri House**  
Saanvi Jhunjunwala, 5



**Captain Teesta House**  
Aashita, 5



**Vice Captain Ganga House**  
Ananya Goyal, 4



**Vice Captain Chenab House**  
Aaman Chandra, 4



**Vice Captain Kaveri House**  
Anik Dhali, 4



**Vice Captain Teesta House**  
Nikita Sharma, 4



**Prefect Ganga House**  
Sanidhya Kumar, 3



**Prefect Chenab House**  
Aurna Choudhury, 3



**Prefect Kaveri House**  
Jashith Singh Wadhwa, 3



**Prefect Teesta House**  
Krisha Bhojnagarwala, 3



**Prefect Ganga House**  
Ishanvi Priya, 2



**Prefect Chenab House**  
Ritojeet Roy, 2



**Prefect Kaveri House**  
Atmaja Das, 2



**Prefect Teesta House**  
Riddha Chatterjee, 2

# Students' Council

Senior



**Head Boy**  
Akshat Khaitan, 12



**Head Girl**  
Nandini Pandey, 12



**Captain Ganga House**  
Reevu Chatterjee, 11



**Captain Chenab House**  
Swapnaneel Bhowmick, 11



**Captain Kaveri House**  
Janvi Kheria, 11



**Captain Teesta House**  
Saket Sudhakar Jha, 11



**Vice Captain Ganga House**  
Sampriti Dasgupta, 10



**Vice Captain Chenab House**  
Anuswa Nayak, 10



**Vice Captain Kaveri House**  
Shayan Razi, 10



**Vice Captain Teesta House**  
Mihika Bajoria, 10



**Prefect Ganga House**  
Suhaani Jain, 9



**Prefect Chenab House**  
Shobhit Khemka, 9



**Prefect Kaveri House**  
Viha Dalmia, 9



**Prefect Teesta House**  
Ayushi Gorai, 9



**Prefect Ganga House**  
Sanjana Sahoo, 8



**Prefect Chenab House**  
Nivedita Jana, 8



**Prefect Kaveri House**  
Sohana Roy Barman, 8



**Prefect Teesta House**  
Mukund Budhwar, 8



**Prefect Ganga House**  
Aniket Garai, 7



**Prefect Chenab House**  
Vidya Mishra, 7



**Prefect Kaveri House**  
Shreevalli Kanodia, 7



**Prefect Teesta House**  
Gurbani Kaur, 7



**Prefect Ganga House**  
Suhagini Deb, 6



**Prefect Chenab House**  
Saksham Sharma, 6



**Prefect Kaveri House**  
Anvi Agarwal, 6



**Prefect Teesta House**  
Aadya Karn, 6



## DPS DURGAPUR STUDENTS' ACHIEVEMENTS IN ART & CRAFT 2020-21

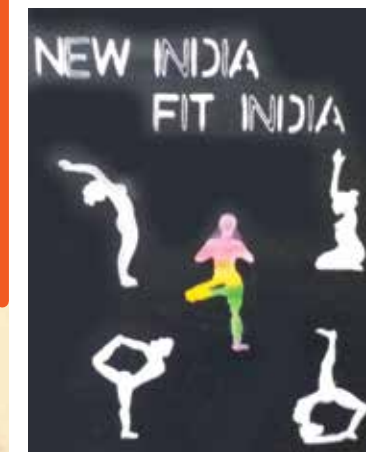
January 2021	Participated All India Inter DPS Children's Art Competition 2020 – 21.
February 2021	"Best School Level Entry" - Souhadri Majumdar, Class - 8B in PCRA Painting Competition,
	Aroshi Biswas, Class - 7E also Participated.
	<b>Group - A</b> (Classes - 1,2,3) Romir Mondal -3A, Smahi Jewrajka -1A, Ayesha Satapathy -2A,
	<b>Group - B</b> (Classes - 4,5,6) Swastik Das – 5E, Aanya Saxena - 6D, Shreyank Gupta – 6B,
December 2020	<b>Group - C</b> (Classes - 7,8,9) Soyumm Ghosh - 9C, Yovika Yokti – 7E, Souhadri Majumdar – 8B,
	<b>Group - D</b> (Classes - 10,11,12) Nidhi Kumari - 11D,
	CBSE Fit India Week Celebration From 12-19 Decembeb 2020 – Students Participated in Poster Making Competition.
January 2021	CBSE Poster Making Activity On "Road Safety".
March 2021	Vasantotsav 2021 Organized By Delhi Public School Durgapur, in Painting Category - Group A - Abir Rakshit (Class - 4B) 1st Position, Group B - Debopriya Koley (Class - 7) 3Rd Position.



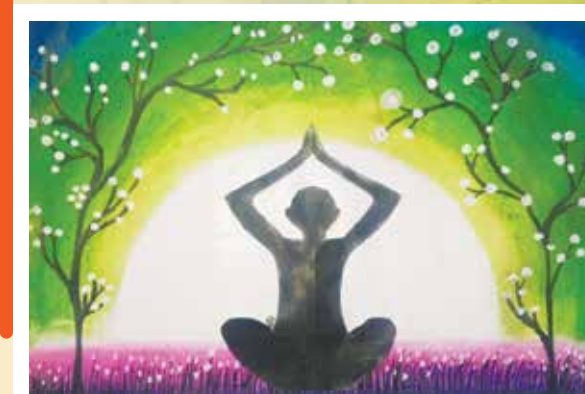
Souhadri Majumdar 8B



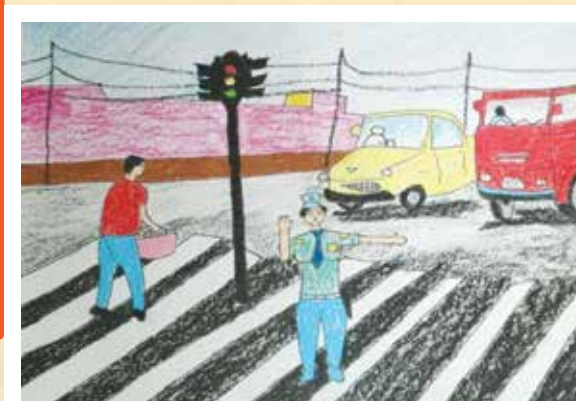
Aroshi Biswas 7E



Aanya Saxena 6D



Yuvika Yukti 7E



Subhadeep Kundu 7B



Navya Prasad 7E



Tamoha Talukder 6C



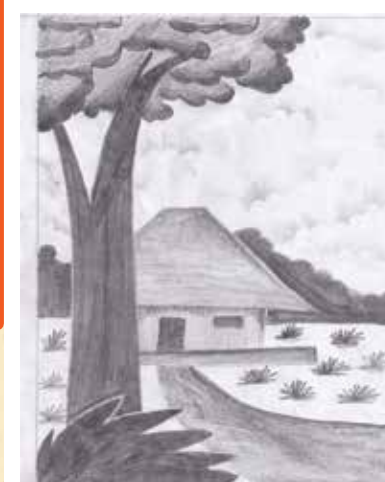
# Beyond Classroom



Arjo Saha 3C



Isha Majumdar 3D



Md. Azlan Lodhi 4E



Kasturi Mondal 4C



Madiha Imam 3D



Suvdeep Patra 3D



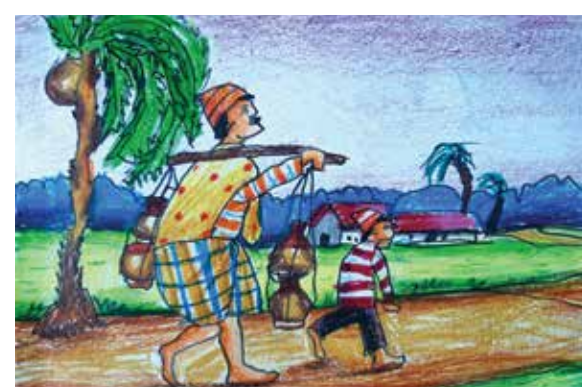
Romir Mandal 4B



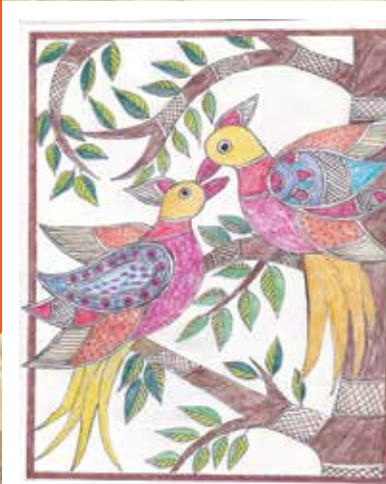
Aryadipto Dutta 5A



Anuj Singh 1C



Shinjan Sow Mondal 1B



Saina Mukherjee 5C



Tanisha Ray 5C



# Beyond Classroom



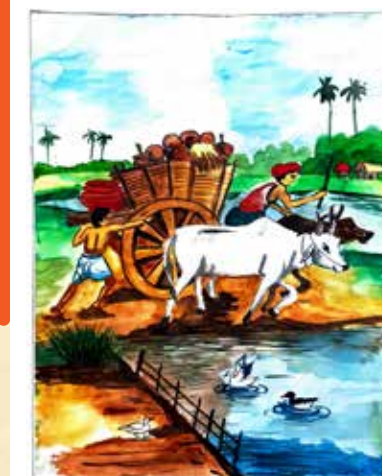
Ananksha Thakur 5C



Abir Rakshit 5D



Devanshi Vinay Mehta 7A



Diya Mandal 7B



Ahana Quazi 5E



Soumya Sinha 5E



Noorhan Fatma 8A



Navya Prasad 8C



Souranil Chatterjee UKG A



Swarit Singh 6B



Sanvi Dutta 8D



Ayushman Acharjee 3A





Rajdeep Saha 1B



Aarna Nath 2B



Krishnanshu Prasad 1A



Kriti Jain 1A



Ayushman Singh 1C



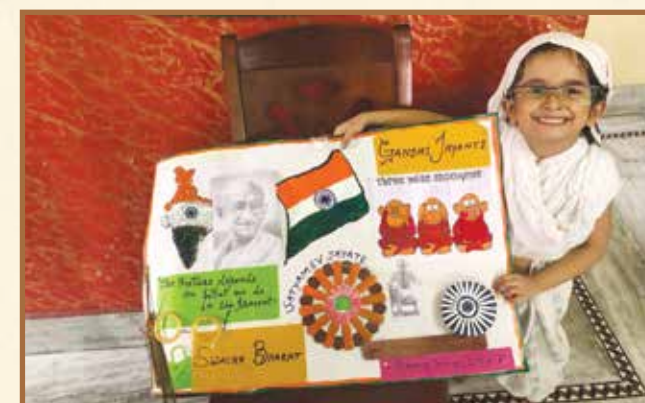
Sompriya Mukherjee Nursery A



Aryan Halder 5B

## Gandhi Jayanti Activity

Gandhi Jayanti was celebrated at Delhi Public School, Durgapur, virtually to mark the 150th birth anniversary of Mahatma Gandhi with patriotic fervour. The students of the school paid a creative homage to Gandhi ji by making “Chakra with ice-cream sticks”, thoughtful “posters on SwachhBharat Abhijan”, Creative craft on “Gandhiji’s Three wise Monkeys” and “Origami on Gandhi topi”. The students of the school paid special tributes to the Father of the Nation through a Fancy dress “Me as MAHATMA”.



## Blue Day

Delhi Public School, Durgapur conducted the Blue colour day for the Pre-primary students. The students of Pre-primary were dressed in different shades of Blue and carried their favourite Blue colour object. The significance of blue colour was reiterated through a series of activities. The little ones of Nursery made an aquarium, the deep blue ocean with oceanic creatures had an amazing learning experience for the toddlers of LKG, blue clouds and rain were depicted by the bloomers of UKG, and our tiny little friends of class 1 were enthusiastic to represent the clear blue nature in a paper plate. It was a pleasant and a cool blue day for the tiny tots.





## Christmas Carnival

In keeping with the Christmas spirit, the whole Pre-primary was festooned with colourful celebration and we celebrated it virtually with the same fervour, spreading the message of love and joy among our children. The pre-primary wing vibrated with the echoes of Christmas carols sung by the children joyfully, along with the Christmas tree decoration. The angels and our little plump Santas danced to joyful and exciting Christmas tunes. The children, dressed up for the perfect representation of the characters, enacted a beautiful skit “*The Grinch who stole Christmas*”.



## Colouring Activity

Colouring helps develops fine motor skills, good concentration, encourages colour awareness and develops hand eye co-ordination. Colouring activities stimulates creative thinking skill and develops a drawing style and enjoy making an imaginary world.



## Durgapuja Craft



On the auspicious occasion of Durga Puja – children participated in craft work which was organized virtually by the tiny tots of Nursery and LKG of Delhi Public School, Durgapur. The little bloomers did a craft work on decorating Goddess Durga and made handmade vibrant cards on this special occasion to make it more divine and pure. Though the celebration was totally online but it instilled in the minds of the children the strength and the courage to fight all evils and encouraged our little minds to stay positive and fight against all odds.

## Earth Day

The pre-primary section of Delhi public school Durgapur, enthusiastically participated in various activities to commemorate our benevolent Mother Earth. On the occasion of Earth Day cotton bud painting was organised with a view to sensitize the children about the conservation of natural resources and to motivate them to do bit towards making their planet even more beautiful. The activities rekindled emotive concerns and instigated the toddlers to save love and respect Mother Nature with all their heart and soul.



## Food Fiesta

“Cooking with love provides food for the soul!” To create an awareness about healthy food and dietary habits the Pre-Primary Wing organized a virtual Food Fiesta. The children presented the cuisines of different states of India, reflecting the culture of that particular state. Every student actively participated in the activity and was eager to know more about popular food items in different states. Dressed up in the attire of the state allocated to them along with a welcome note in that very state's language, the tiny tots relished this flavourful learning experience.





## Fun Activity

As intelligence is creativity with fun the whole Pre-Primary wing of Delhi Public School, Durgapur had spread their wings of imagination in various kinds of fun activities. The tiny tots enjoyed in making bright tulips with fork, was excited in creating a beautiful wall hanging by pasting a boat and the sun in the deep blue sky, was amused to colour a picture, associated objects with letters and was thrilled to hunt for words and shapes.



## Grand Parent's Day

Grandparents are one of the best gifts by God for their grandchildren. The pre-primary wing of Delhi Public School happily organised a celebration which enabled the tiny tots to honour and respect their grandparents who sprinkle stardust over their lives. The kids spent quality time together with their grandparents, where they made cards and gifted to their grandparents. They explored their culinary skills where they turned into young chefs and learnt preparing special dishes from their grandparents through no-fire cooking. The tiny tots expressed their respect and love by presenting enthusiastic dance performance.



## Diwali Activity

“Diyas to enjoy life, sweets to sweeten success and worship to thank God” The Diwali celebration culminated with virtual drama “The return of Lord Rama to Ayodhya” which was performed by our little friends of Nursery and LKG. The UKG kids performed melodious song and dance along with colourful Rangoli decoration and painting of diyas. The birth Of Goddess Laxmi was celebrated with grandeur by Laxmi Bandana, dance and song by the students of Class 1. The festival of lights came alive when the whole Pre-primary wing of Delhi Public School Durgapur joined hands together to remove the darkness from the minds and enhanced a positivity everywhere.



## Virtual Trip

“Technology allows students to travel the world, both in time and space”. Complying with the saying, to eradicate the boredom and enhance knowledge while comfortably sitting at home, Delhi Public School, Durgapur, organised virtual excursion to different interesting holiday destinations like – Bali, Maldives, Sydney and Disneyland. The exciting videos, photographs and the teachers as their tour guides, the kids enjoyed their vacation virtually, with their beach attire, hats, sunglasses and different colourful dresses, sipping juices and having their favourite munch-ons.





## Puppet Making



Puppet Making Activity was conducted virtually from classes Nursery to Class 1 to inculcate dream and imagination in the minds of the tiny tots. The students overwhelmingly came up with various kinds of puppets like stick puppets, using their creativity with the recycled materials like colour paper, ice cream sticks, mount boards, google eyes, buttons, unused CD's and velvet cloth. Some of the themes taken up by the students were of animals, birds and cartoon characters. The students presented their immaculate work by making colourful and meaningful puppets to showcase their talents.

## Saraswati Puja craft

Saraswati puja is a special festival for students all over India and we celebrated the festival this year with immense delight. Students were made aware of the Goddess Saraswati and her importance in our Indian mythology. We then let our students indulge themselves into different crafts to pay respect to the goddess. The students of Nursery made cards to celebrate the occasion and the children of LKG made shola wood hanging for the Goddess of art and learning. The online mode of celebration didn't affect the mood of festivity one bit.



## Book reading activity

Books are our best friends, but the fine thought is sometimes lost on our little children. Keeping that in mind, we wanted our students to know and love books. Hence, we indulged the little students of class UKG to Class 1 in book reading activity. Students took up any children's book of their choice and read. We also read newspaper together. This online activity was aimed at encouraging love for books and the growth of character. The children enjoyed the day with various colourful pictures in their books and amusing stories that tickled their funny bones.



## Show And Tell

*'Tell me and I forget. Teach me and I remember. Involve me and I learn.'*

The Show and Tell activity, a key part of the Pre-primary, was conducted in the month of November. The students learned and experienced public speaking skill. They spoke on different topics like- my car, my favourite book, traffic signal, healthy food, national flag and other topics. They described the objects with a lot of confidence, facial expressions and voice modulations. They used innovative ways to describe the props with a lot of confidence, which was an enriching experience for everyone. Through this activity there was not only an enhancement in the vocabulary of the students, but a boost of confidence was also seen.



## Summer Carry Home Activity

The tiny tots of Nursery to class 1 of Delhi Public School, Durgapur celebrated the arrival of summers with a perfect medley of rhymes and paper craft on summer season. Summer crafts help keep the children engaged, active and creative. Kids get to try new things and also develop their coordination and fine motor skills.





## [ Spring ]

A gentle breeze is blowing,  
The cuckoos are singing;  
New leaves are growing,  
Many flowers are blooming.  
This is Spring! A colourful Spring!

**Shreyaan Roy-Barman**  
Class: II/D

## [ Spring ]

Come, come Spring,  
Flowers bloom when you come.  
Children dance and sing,  
To enjoy the beauty of Spring.

Spring is a pleasant time,  
Hear the wind blow in a merry chime.  
The grass is green, the saplings sprout,  
And the travelling birds return from the South.

Winter is gone and Spring has come  
The days are sunny and nobody is glum.

**Aarna Nath**  
Class: II/B

## [ Spring ]

It is the season of Spring.  
The new blooming flowers scatter colours everywhere,  
The soft, smooth wind blows everywhere,  
The new-born green leaves dance on trees here and there.  
My heart wants to swing when I see an amazing rainbow ring.  
Swinging, I feel like a bird that flies high in the sky with open wings.

**Aarna Gupta**  
Class: II/C

## [ The Day the Toothbrush Quit ]

With crusty eyes, Rebecca enters the washroom to freshen up. But when she steps in front of the wash basin, she finds her toothbrush saying "I quit".

It starts talking - "Hey listen, you little kid, we need to talk". I love that I'm your favourite toothbrush but your habits are driving me crazy. All of my gorgeous bristles are getting twisted. If you don't start brushing softly, I'm going to lose them completely. Next, you don't floss your teeth at night and I have to work harder in the morning. And let's be honest - When was the last time you brushed your teeth in circular motion? If you continue this, you will develop cavities, and I will be blamed. See dear, I like my frothy job, but could you please become serious about your oral hygiene? Is that a lot to ask?

Well, poor Rebecca was startled! But she wanted her toothbrush to be happy. So, she started brushing with care. She even got a "good work" sticker from her mom for following her daily routine of brushing, the next week only.

**Krishna Bhojnagarwala**  
Class: III/E

## [ Imagine Yourself To Be A Bird ]

I wish to be a bird because birds are the most free and independent creatures in the whole universe.

If I were a nightingale, I would build a nest in a tree and live there. I would fly high in the sky to any part of the world without any burden and watch various lands, rivers, trees and everything around me. I would also be able to eat a variety types of fresh fruits. I would like to see people and of course their daily life.

As a nightingale, people would like to hear my sweet songs. I would try my best and make sure that I can make most of the people happy and enjoy my life too. I would like to be remembered for my beautiful voice.

**Kasturi Mondal**  
Class: IV/C

## [ Cooking ]

One day mother served fish fry  
But the fish in the pan started to cry  
For it got burnt while in cook  
My mother was busy reading a book.  
So cooking is what she shouldn't try!

**Saina Mukherjee**  
Class: V/C

## [ Imagining Myself as Peter Rabbit ]

"HELLO, I am Peter Rabbit. I am being magically teleported to Earth in 2021. Why is everyone wearing masks? Oh yes! I remember reading somewhere that in 2020, a virus called Covid-19 had gripped the Earth in its claws. Yes, I need to put on my mask and rub my hands with a sanitizer. Oh, I wish I were in my world now, I could have been munching on berries and black currant buns baked by my mother. Now, in this world, I cannot even find fresh fruits to eat! All I can see is a lot of pollution and hear the honking of cars. I can see some people cutting down the trees and littering everywhere. Oh dear, I don't want to stay here any longer.

Good gracious, I have found the Time Machine! Here I come back to you, my dear family. From a distance, I can see some kids planting saplings on the earth. I suppose it is the only ray of hope for this world."

**Rishabh Kumar**  
Class: IV/A



[ *Beware! of the Beaver* ]

Hello everybody! A very warm greeting to all who are reading this. Being the youngest in my family and probably the smallest, both in height and age, I have always been called "the mouse of the house". Yes; weird right? Yet you can never stop your elder siblings from teasing you. To be honest I am not half sad at being called a mouse. Everybody knows our tiny, witty Jerry don't we?

Today I am going to share a few facts about a species of rodent family which I think is quite unique. Ah! It's the Beaver, you know. They are the second largest species of rodents after the Capybaras. What more? They are the keystone species! That is, they are vital not only for their own species but also for the entire ecosystem. They are cute as a cherry with two sharp and strong front teeth with which they can cut almost anything, even thick trees. Isn't it so cool that something as small as a Beaver can cut a huge tree off? This doesn't even end here. They are excellent engineers of nature. They create dams! Yes, you heard it right. They surely live up to the name of one of the most intelligent rodent species. But beware of the beaver! Because it can also attack if threatened. They might seem small and puny but in fact play a very significant role in nature. So, the next time when you see a beaver, give it a sweet wave and thank it for being so great. Someday, I would also love to be as great as a beaver.

**Vihan Kedia**  
Class: IV/E

[ *Lockdown* ]

Oh! Its lockdown,  
Everything is slowing down.  
My clock is falling down,  
Coz...its lockdown!  
Girls are in their pink gowns,  
Boys in their shirts brown,  
  
But no one is out in the lawn  
Coz.... its lockdown!  
No traffic, no horn  
And no cries of a baby born;  
But people are sad with a frown  
Coz.... its lockdown...

**Ahana Quazi**  
Class: V/E

[ *An Adventurous Trip to an Unknown Island* ]

I went to school last Friday. It was as usual as every day till I went to the library. I was looking for an interesting book on the shelf there, when my eyes fell upon a red book. As I opened the book, I found myself on an unknown island with a thick forest in front of me. It was frightening as I was alone there. I started crying and shouted for help. But it was all in vain. Suddenly, I saw a beautiful horse coming towards me. I was relieved to see a sack of apples on its back. It stopped in front of me. I climbed on it and went for a ride. The horse took me through the jungle where I saw beautiful birds twittering, different animals playing, unknown fruits hanging from trees and tall trees covered with green leaves all over. It took me to a beautiful garden where I was mesmerized by the beautiful fragrance of the multicoloured flowers as well as with the colourful butterflies hovering all around. Then it took me to a waterfall, where I quenched my thirst with its sweet water. Then we reached a beautiful gate with an instruction that read 'Please Open', hanging on it. Moving ahead a few yards, we found a decorated tunnel. As I went inside riding the tunnel grew narrower and narrower. I tried to climb down but the horse started running faster and I saw the tunnel closing. I don't know why but I took a bite of an apple from the sack. To my surprise, the tunnel grew wider but then my horse stopped and with a jerk dropped me down. I heard the voice of my teacher and friends calling out my name. As I opened my eyes, I found myself back in the library. At first I thought it was all a dream, but then, I was proved wrong when I found a half-bitten apple in my hand. I am confused till date. Was I dreaming that day?

**Ahana Karak**  
Class: V/B

[ *The Hibiscus* ]

Once I saw a beautiful red flower,  
It looked attractive in its bower.  
I thought it was a scabious,  
  
But mom said, it was a hibiscus.  
So, I plucked and put it in a tray,  
Mom went to the temple with it to pray.

**Samriddha Debnath**  
Class: V/A

[ *Jimmy the Butcher* ]

There was a tree that stood so tall,  
Many thought any day it would fall.  
But Jimmy the butcher knew better,  
Because for many years he had been a cutter.  
He stood under the tree like a proud dog,  
But at that moment he realised, "oh no!  
The tree had a fall!"

**Shreyashi Arya**  
Class: VI/A



# English

## [ *I hope It Never Ends* ]

She came into my life  
with a magical light,  
And became my inspiration,  
In the blink of an eye.  
She is the heart of every class,  
And the soul of our batch,  
She proves the message right  
every single time learning is cool.

The patience she has,  
Is real for sure.  
The understanding we have,  
Is more than I thought.  
The bond we have,  
Leaves one speechless for sure.

Each day she teaches me,  
Is a day of rejoice,  
Her appreciation means so much to me;  
Everything she says,  
I remember every word of it.

Years have passed,  
It has been four years now,  
Since I met her  
And I hope this never ends!

**Raima Srivastava**  
Class: VIII/B

## [ *Namdapha: An Enthralling Experience* ]

How many people have the good fortune to wake up with the call of a hornbill singing in its sweet voice? I do not know of any such forest except Namdapha. This forest is the mother of all forests to me.

At the end of the final term, on March 15, 2018, we left for Namdapha in Arunachal Pradesh, which is in the north-eastern part of India. A two thousand square kilometre deep rainforest which had been washed away by river water Namdapha's biodiversity is largely intact and enriched due to geographical reasons. Rare, vulnerable and critically endangered animals such as Civets, White winged duck, White-bellied heron, etc. crowd the forest floor. The forest was recognised as a Wildlife Sanctuary in 1972 and a National Park in 1983. Seventy percent of Indian herbs and many natural medicinal plants of this forest have been documented by the Ministry of Environment and Forest.

Walking through the forest, I went to an aviary, called the Hornbill Camp. The sound of the flapping wings of hornbill made it seem as if some army helicopter was secretly flying over the infinite horizon. Hornbill is the state bird of Arunachal Pradesh. With great difficulty, I was able to capture this beautiful white-forehead and black haired bird with my camera.

It would be a great mistake if I don't mention the Lisu tribe before finishing the story of the wildlife attraction in Namdapha. Development at the Government level is not their destiny, but in the forest, they are benefited by the lack of habitation which prevents them from extinction.

I came back from Namdapha with a treasure trove of magical and unimaginable experiences. Those five days that I spent there, gave me a spiritual bliss which, I think, I can never attain again.

**Pragya Bhattacharyay**  
Class: VIII/E

# English

## [ *My Visit To A Haunted Castle* ]

It was during one of my summer vacations when I, along with my family and a few close friends, decided to go abroad to spend the holiday. My friend Rosie's uncle owned a very old ancestral castle which he had converted into a 5-star hotel near the Ten Bells Pub, a commercial street in London. This castle had many past haunted stories of its own.

We packed our luggage and took the flight to London. It was a 15 hour long flight. When we reached our destination, it was around 5:00 a.m. We booked a cab and soon arrived at Uncle Vincent's castle. Our excitement and thrill knew no bounds on reaching the place.

What a magnificent castle it was! Beautifully decorated from outside as well as inside, it was quite cosy and comfortable. The best of rooms were offered to us as we were the known guests of the owner. We settled in our rooms that were close to each other. Mine was room no. 128. It was a spacious and well-furnished room with a spectacular view from the veranda. It also had an antique mirror which I found to be very attractive.

As we were all hungry, we went to the dining area for a lip-smacking breakfast.

Rosie knew the area quite well as she had visited the place many times since her childhood. She took us around to explore the city. We went to a nearby park and then went for shopping. It had started raining before we were done and we were quite late to return to our hotel. We rushed to our rooms, had our dinner and almost immediately retired to our beds.

It was around midnight when I was woken up by a strange noise coming from out of the window. I moved to check if someone was there but found no one. Finding no one there, I came and lay on my bed. But to my surprise, I again heard the strange sound. But, then I heard it even more carefully. It was coming from the mirror that had attracted me in the morning. I went to have a closer look and as I removed the cover, I was shocked to see a pale little girl with long hair and a white face crying inside it. Regaining my senses, I immediately dropped the cover. I could hardly breathe. By then the noise had stopped, but I did not have the courage to see it again. "Maybe it's an illusion," I thought. As I turned back towards my bed, I was almost dead; it was the same little girl sitting on my bed! Just then, I heard there was a knock at the door. My heart had stopped beating for a few seconds. Somehow, I rushed to the door hoping to get some help. As I opened the door, I saw my friend, Linda. Her face was pale with fear. I managed to ask her, "What's the matter with you?" She replied in a low voice, "There's someone in my room." We rushed to her room and as I opened the door, I couldn't believe my eyes. I saw Linda sitting in a corner of the room. She was dead silent and slowly raised her finger at me and said, "Look! Someone is behind you." Suddenly my phone alarm rang loudly; it was 4:30 in the morning. As I picked up my phone to check it, I found a strange message - "To be continued..."

**Sanvi Dutta**  
Class: VIII/D

## [ *Reinventing Myself* ]

Reinventing for me is to bring a change in the world, to make it a better place. I'll start with an issue that dates longer than my existence. Well, it's the society! The society that fails to see us as individuals with basic needs and divides us on the basis of gender. Divided by expectations, some of us stand together, for all we want is acceptance. We should be allowed to grow and explore ourselves as individuals, irrespective of our gender. I want equality for all. The hand that rocks the cradle, the procreator, is a woman shaping the destiny of a civilization. Such is the irony of fate that a beautiful creation like a girl child is one of the gravest concerns of society today. I would rather prefer girls to regard themselves not as Nouns and not as Adjectives.

**Jiya Joshi**  
Class: XII/A





## English

[ *Life Amidst The New Normal* ]

Covid-19 was unexpected, Pandemic was new;  
Isolation, Quarantine would last so long, no one ever knew.  
Our lifestyle changed, switched we all to e-devices,  
With schools and markets closed, everywhere set in a dark quietness.  
There were times when we were often told to stay off electronic treasures,  
But days have changed and life without them is hard to bear.  
The new normal has buttoned us with masks and sanitizers,  
Much has changed, showing us how the outbreak disbands.  
All I had ever wished was a longer span of holidays, which China has granted,  
But staying indoors and getting bored alone, was not what I wanted.

**Rhythm Kedia**  
Class: X/B

[ *Nature At Its Best* ]

When the sky would cease from darkness to light,  
When the rivers would be freely flowing with might,  
When the turmoil of inhumanity shall cease;  
NATURE shall be free from this disease.  
When the meadows will be full of blooming flowers,  
Nature shall have immense powers;  
Clouds will hover throughout the sky,  
And chirping birds would fly;  
  
Dandelions would bloom,  
Not a single forest would gloom,  
Nature would no longer weep  
And it will take a giant leap.  
The sky shall be blue,  
And the earth shall be cool.  
Creepers would sprawl,  
All through the jungles they would crawl.  
And we would be surprised at their amiability;  
And would bow down in front of their magnanimity.

NATURE would no longer bleed,  
Neither would it remember our heinous deeds;  
All life forms would flourish,  
And they would never perish.

When mortals would be incapable  
Of glorifying themselves, of prioritizing their needs  
While they would remain blind,  
To the turmoil caused by their deeds;  
Their nefariousness shall cause their extinction,  
And lead to their destruction,  
Shall men feel the need to care for these?

[ *Oh God! How lucky we are!* ]

Oh God, how lucky we are!  
To get your gift of nature shining like a star.  
The flowers blossom and the fruits ripe,  
On a tall tree, the Honey Bee makes its hive.  
The thunder rumbles and the rain falls,  
On the tall trees, the leaves crawl.  
Then, in the spring the Cuckoo sings,  
Which wakes us up from our bedtime dream.

Oh God, how lucky we are!  
To get a life that makes us spark.  
But sometimes in our lives, the sorrows come,  
That diminish our happiness but our griefs we overcome,  
And this is how our life goes on,  
... Till we live and move on.

**Souhadri Majumdar**  
Class: IX/C

NATURE would then be the nurturer,  
For she would be ineffable,  
She would be indispensable,  
Nobody would dare to defenestrate her,  
Everyone shall worship her,  
And every mortal being would crave for her.

**Souparno Biswas**  
Class: IX/C



## English

[ *Counting Stars* ]

Writhing in pain in starless nights,  
Lay her body that ached without motion.  
Statues with limitations have never been welcome,  
They chose to build an effigy of perfection instead.  
People had surprising smiles, they etched---  
Glistening eyes dazzled in the darkness of the night,  
Caressed her cheeks upon her victory, were the ones...  
Who covered their eyes when she pleaded!  
Shut their ears while she screamed!  
And muted their vocal cords  
When the merciless society not ones posed to stand by her.  
  
Emotions are not meant to be rolled up,  
Rolled up like our everyday clothes, into an overburdened cupboard.  
If only I could awaken this world,  
I would become that voice--  
That soul-- radiating blinding light,  
Illuminating every corner of the universe.  
  
There is no messiah, but us, for each other.  
For each other we should stand,  
So, hold a hand, break all barriers, smile and share a meal,  
So that we don't have to wake up next to dead bodies,  
We don't feel the pain, only a slight twinge of bittersweet nostalgia.

**Nandini Pandey**  
Class: XII/A

[ *If I Could Reinvent the World* ]

If only I could reinvent the world,  
I would, with all my desire.  
If only I could make the twinkling stars fall,  
As the cherry blossoms in a jar.  
I have no worries that I may fail,  
Neither am I afraid to stumble and fall.  
Just that, I wish to have  
A life of my own--  
I wish to make a flight,  
And soar high---  
To reach a place where I long to go!

If only I could reinvent the world--  
With all my loved ones,  
All my dreams fulfilled,  
Yes, I would say-- I'm done,  
And greet those stories that are yet left undone.

**Shreya Goswami**  
Class: XII/B





## [ You ]

Free yourself, break the shackles that hold you back!

You need to be happy, my friend!

Come out of the past that is no more,

For the future is awaiting and must not slip.

Your today decides your tomorrow,

It's high time

You give up your sorrow.

Let's start another new day with

A new dawn---

A bright sun,

A cup of coffee,

And a refreshing shower,

To wash away all our gloom of the past.

It's you who is important,

It's your wish which is important.

Let it be a meagre one,

A small desire,

An hour of relaxation even on a busy day.

Why wait for someone to lend you a hand?

When you and only you are enough to stand.

Bottle up all negative thoughts,

And yes, my dear friend!

Remember, you're strong.

Strong enough to stand alone,

Say sorry for being sad,

Pledge yourself never to quit,

To be happier with each passing day.

**Esha Keshri**

Class: XII/F



## धोबी का कुत्ता, न घर का न घाट का

रमेश पास के एक शहर में एक छोटे से मकान में रहता था। वह कक्षा दसवीं में पढ़ता था और पढ़ाई में भी काफी अच्छा था। उसकी परीक्षाएँ काफी नजदीक थीं। उसी दौरान एक दिन उसका एक पुराना मित्र अब्दुल उससे मिलने आया। रमेश अब्दुल से काफी दिनों से मिला नहीं था। उससे काफी देर बातचीत के बाद उसे पता चला कि अब्दुल इन दिनों अपना पूरा ध्यान खेलकूद के क्षेत्र में दे रहा था और उसमें उसने अपनी बहुत उन्नति भी कर ली है। कुछ देर तक पुरानी बातों को याद करने के बाद अब्दुल अपने घर के लिए रवाना हो गया। रवाना होने से पहले उसने रमेश के दिमाग में भी खेलकूद के प्रति सम्मोहन की भावना जगा दिया। उसके जाने के बाद रमेश ने मन ही मन सोचा कि अब्दुल की जिंदगी कितनी आसान है। और मजेदार भी। बस केवल खेलो-कूदो और उसी से उसकी उन्नति भी हो रही है। अब उसे लगने लगा कि वह जो इतनी मेहनत कर रहा है। दिन रात पढ़ाई में अपनी आँखें फोड़ रहा है। इसका परिणाम न जाने उसे कितने वर्षों बाद मिले। अतः उसने तय किया कि वह भी पढ़ाई छोड़कर खेलकूद में ध्यान देगा और कुछ ही दिनों में प्रसिद्ध हो जाएगा। उसमें आए इस बदलाव का परिणाम जब उसके माता-पिता को नज़र आने लगा तो उन्होंने उसे समझाने की काफी कोशिश की पर वह नहीं माना। कुछ दिन कड़ी मेहनत करने पर उसे पता चला कि इस काम के लिये भी काफी मेहनत और लगन की जरूरत है। और उसने अपना फैसला बदल दिया। किंतु तब तक काफी देर हो चुकी थी। उसकी दसवीं की परीक्षाएँ शुरू हो चुकी थीं पर उसका अंक अच्छा नहीं आ पाया और उसे मनचाहे स्कूल में दाखिला भी नहीं मिल पाया। वह उदास हो गया। अब उसे एहसास हो गया था कि क्षेत्र कोई भी हो, बिना मेहनत के सफलता नहीं मिल सकती। उसकी हालत बिल्कुल धोबी के कुत्ते की तरह हो गई थी जो न घर का रह गया न घाट का।

अवनि सिकारिया

कक्षा - दसवीं



## हिम्मतें मर्दाँ तो मददे खुदा

टेलागोदाम नामक एक छोटा सा गाँव था जहाँ एक घर में अखिल नाम का एक व्यक्ति अकेले रहता था। घने वन से घिरे इस गाँव में कुछ ज्यादा चहल-पहल नहीं होती थी क्योंकि वहाँ जीवन जीने की सुविधाएँ नहीं थीं। पक्की सड़कें नहीं थीं। एक रात जब वह बिस्तर लगा ही रहा था कि उसे बाहर कुछ हलचल का आभास हुआ। खिड़की से बाहर देखने पर कुछ लोग हथियारों के साथ आपस में बात करते दिखे। उनके सरदार ने कहा -- कल शहर की ओर बढ़ते समय बम बारुद ले जाना मत भूलना। यह सुनकर मानो अखिल के पैरों के नीचे से जमीन खिसक गई। अगली सुबह वह अपनी साइकिल पर करीब २० किलोमीटर की यात्रा पर निकल गया। शहर के पास एक सैन्य शिविर था जहाँ अखिल ने उन्हें होने वाले संभावित नक्सली हमले के बारे में सूचना दी ही। जाहिर सी बात थी कि सैन्य शिविर के सैनिक भी किसी अनजान की बातों पर अचानक से कैसे विश्वास कर लेते? परंतु जल्द ही उन्हें अपने सूत्रों से इस बात की पुष्टि हो गई। खबर की पुष्टि होने के साथ ही करीब ४०० जवान हथियार, कुछ डिटेक्टर मशीन एवं कुछ कुत्तों को लेकर गाँव की तरफ जाने वाले रास्तों का निरीक्षण करने लगे। “आस, पास बहुत खतरा है। सब चौकन्ना रहना,” वरिष्ठ सैन्य कमाँडर ने धीमी आवाज में कहा। उधर गाँव की दक्षिण दिशा में करीब १ घंटे तक मुठभेड़ चली, पर फिर भी सभी जवानों ने अपनी पूरी क्षमता से उनका सामना किया और शहर को इस हमले से होने वाले जान हानि से बचा लिया। कहीं न कहीं इसमें अखिल का बहुत बड़ा हाथ था। उसने इस बात का प्रमाण दे दिया कि आम आदमी होने पर भी उसने अपनी सूझबूझ से इतनी बड़ी अनहोनी होने से बचा लिया। साथ ही “हिम्मतें मर्दाँ तो मददे खुदा” कहावत की सार्थकता को भी सिद्ध किया।

आयुष वर्णवाल  
कक्षा - दसवीं

## माया मिली न राम

एक बार की बात है। मिश्रीलाल नामक एक व्यक्ति लखनपुर गाँव में रहा करता था। वह बड़ा ही चापलूस किस्म का व्यक्ति था। उसे जब भी कोई धनी व्यक्ति दिखता तो वह उसकी तारीफ करना शुरू कर देता था। लखनपुर गाँव के दो धनाढ्यों से भी उसका बढ़िया तालमेल था। विक्रम और रामलाल नामक दोनों व्यापारियों से उसकी बढ़िया जमती थी जो उसी गाँव में रहा करते थे। इस तरह का कार्य वह केवल अपना उल्लू सीधा करने के लिए किया करता था। उसके द्वारा किए जाने वाले इस तरह के काम उसे एक दिन भारी पड़ सकते हैं, यह कभी उसकी सोच में भी नहीं आता था।

रामलाल और विक्रम अच्छे दोस्त हुआ करते थे लेकिन मिश्रीलाल की चापलूसी करने की आदत के कारण वे दोनों भी अब एक दूसरे के मानो शत्रु हो गए थे। वह रामलाल को विक्रम के खिलाफ भड़काता था और फिर उसकी कही हुई बात वह विक्रम से कहता था। और इस प्रकार से वह अपना काम निकालकर अपना फायदा कर लिया करता था।

रामलाल की यह सोच थी कि किसी से दुश्मनी करके कोई फायदा नहीं होता है। एक बार संयोग से कुछ व्यापार संबंधित कार्यों के कारण दोनों पुराने मित्रों की भेंट हुई और उसी दिन मिश्रीलाल को कहीं बाहर जाना पड़ा। रामलाल और विक्रम व्यापार संबंधित कार्य समाप्त होने के बाद मिले और रामलाल ने विक्रम को रोककर उससे मिश्रीलाल का जिक्र किया और कहा – “हम तो अच्छे दोस्त हुआ करते थे तो फिर तुमने मेरे साथ ऐसा क्यों किया?” तब विक्रम ने यह स्पष्ट किया कि मिश्रीलाल के कहने पर ही उसने उसे व्यापार में नीचा दिखाने के लिए ऐसा किया था। रामलाल को पूरा किस्सा समझ आ गया और उन दोनों ने आपस में सुलह कर लिया। अब बारी थी मिश्रीलाल की। रामलाल और विक्रम दोनों ने उसका साथ छोड़ दिया और अपने सभी धनी मित्रों को सुरक्षित कर दिया कि मिश्रीलाल किस प्रकार का व्यक्ति था। मिश्रीलाल की हालत अब ऐसी ही थी कि ‘माया मिली न राम’।

रौनक अग्रवाल  
कक्षा - दसवीं

## इधर कुआँ उधर खाई

इस कथन का अर्थ है कि इंसान कभी - कभी ऐसे मोड़ पर आकर फँस जाता है। जहाँ से निकलने के लिए सभी रास्ते बंद हो जाते हैं। जहाँ जाए, उधर ही दुविधा। अभी वर्तमान में हम लोग ऐसे ही दुविधा में फँस गए हैं जहाँ पर हर इंसान बहुत ज्यादा मुश्किल में है। और उसे यह नहीं समझ में आ रहा है कि वह क्या करे। पैसे कमाने के लिए एक व्यक्ति को घर से बाहर निकलना पड़ेगा ताकि वह अपना और अपने घर के सभी सदस्यों का पेट भर सके मगर अभी ऐसी ही समस्या है। कि व्यक्ति अगर घर से बाहर निकलेगा तो भी वह खतरे से खाली नहीं है। और अगर घर के अंदर रहा तो भी वह भूखा और प्यासा ही रह जाएगा। मैं और मेरा परिवार मार्च के महीने में उत्तराखंड घूमने गए थे। जब हम गए थे तब स्थितियाँ सामान्य थीं।





## अनुभवी कौन – दिल या दिमाग?

हमारे जाने के बाद में पता चला कि एक खतरनाक बीमारी पूरे देश और पूरी दुनिया में फैल रही है। और यातायात की चीजें भी बंद हो रही थीं। यह बीमारी ऐसी है। जिसमें लोग एक दूसरे से दूर रहते हैं इसलिए हमारी भी कोई मदद करने नहीं आया और हम बहुत बुरी तरह से फँस गए थे इसीलिए हमें जल्द से जल्द घर लौटना पड़ा और हमारा सफर अधूरा रह गया जिसकी वजह से मैं और मेरे भाई बहुत उदास हो गए। फिर हमें हमारे माता-पिता ने समझाया कि ऐसी स्थिति में हमें एक दूसरे का सहारा लेना पड़ता है। अब तो जिंदगी इस दौराहे पर आकर खड़ी है कि इधर कुआँ उधर खाई। हम दोनों ही ऐसी स्थिति में कि हमें किसी तरह पार करना ही होगा। भगवान की दया और सब की मनोकामना से हम अंततः सुरक्षित घर पहुँच गए।

रिद्ध केडिया  
कक्षा – दसवीं

## एक औंख एक व्यावह होते हैं

यह बात पिछली गर्मियों की है। जब मैं सपरिवार अपनी नानी के घर काशीरामपुर गया था। यह उत्तर प्रदेश का एक छोटा सा गाँव है। पहले यहाँ का परिवेश बहुत सुंदर था तथा हरे-भरे जंगलों से वह स्थान भरा हुआ था लेकिन धीरे-धीरे लोगों ने अपनी सुख-सुविधा के लिए पेड़ काटने शुरू किए। आज परिणाम यह है कि उस जंगल में रहने वाले बंदर खाने के लिए गाँव आने लगे हैं। धीरे-धीरे उन्होंने पूरे गाँव पर अपना कब्जा कर लिया। उनकी संख्या इतनी बढ़ गई कि बंदरों के आतंक से गाँव वाले अपने घरों को छोड़कर जंगल की ओर भागने लगे। तभी गाँव के सरपंच ने सबको इकट्ठा किया और गाँव के विद्यालय में उन्हें शरण लेने का सुझाव दिया। विद्यालय खाली था। अतः सभी लोगों ने विद्यालय में अपना डेरा जमा लिया। इसके पश्चात उन्होंने लोगों को गाँव में पुनः पेड़-पौधे लगाने का सुझाव दिया और उन्हें नव निर्माण करने को प्रेरित किया। सभी लोगों ने उनके इस सुझाव की सराहना की और उनकी सहमति और उनके सहयोग से इस मुसीबत के समय अपने-पराए के भेदभाव को भूलकर विद्यालय में न केवल एक साथ मिलजुल कर रहने लगे बल्कि गाँव के नव निर्माण में जुट गए। मुझे इन सब के साथ इस तरह रहना बहुत रोमाँचक लगा जिसे मैं कभी नहीं भूल सकता। देखते ही देखते छोटे-छोटे पौधों से संपूर्ण इलाका भर गया। वृक्षारोपण के साथ-साथ लोगों में भाईचारा उत्पन्न करने की भावना विकसित करने में सरपंच जी सफल रहे। इसे ही कहते हैं एक पंथ दो काज। इस ने इस बात को भी सिद्ध कर दिया कि एक और एक दो नहीं बल्कि 11 होते हैं अर्थात् अगर सभी लोग मिलकर किसी कार्य को करने की सोचें तो वह शक्ति एक या दो की नहीं होकर 11 की शक्ति हो जाती है। और वह जरूर सफल होती है।

अर्नेश साहू  
कक्षा – छठी

अक्सर यह सवाल उमड़ पड़ता है  
कौन अधिक अनुभवी है-  
दिल या दिमाग?  
परंतु निष्कर्ष यही निकलता है।  
यह एक अनुत्तरित सवाल है  
पर विचार करना तो कोई अपराध नहीं  
शायद इसका जवाब मिल जाए कहीं ना कहीं।  
भाव युक्त लोगों का कहना है  
दिल की बात मानकर हमें सदा खुश रहना है।  
परंतु व्यवहारिक लोगों ने  
कामयाबी को ही अपना खजाना माना है  
सत्य क्या है ?  
खुशी या कामयाबी ?  
सिर्फ खुशी से कामयाबी  
और कामयाबी से खुशी नहीं मिलती।  
काफी सोच कर समझ आता है  
अकेले दिल और दिमाग  
कोई नहीं है सही।  
जब दिल टूट जाए तब दिमाग साथ देता है।  
भूत को भूल आगे बढ़ने की प्रेरणा देता है।  
दिमाग के तनाव में दिल हाथ बड़ाता है।  
उलझे हुए काम को प्यार से करना सिखाता है।  
जिस तरह स्याही के बिना कलम नहीं  
भक्त के बिना ईश्वर नहीं  
वैसे ही दिल और दिमाग एक दूसरे से विलग नहीं।  
दोनों समाहित हो आदर्श मनुष्य बनाते हैं  
संसार में अपनी सुगंध फैला पूरे जग को निखारते हैं  
व्यक्ति के जीवन में किसी एक का आधार नहीं  
दिल और दिमाग मिले जहां मानवता है वही  
इनके बीच कोई द्वंद नहीं।  
विश्वास की कसौटी है।  
अकेले किसी का वर्चस्व नहीं।  
दोनों मिलकर ही बन सकते हैं अनुभवी।

प्रेक्षा शर्मा  
कक्षा – ग्यारहवीं



## লজ্জিত

ভাঙতে শিখেছ, গড়তে শেখনি,  
ভাঙাই তোমাদের কাজ -  
ভাঙতে গেলে, খামতে হবে  
ছিঃ ছিঃ নেইকো লাজ।  
হাত-পা ভাঙলে জোড়া লাগে,  
হৃদয় ভাঙলে জোড়ে না।  
মায়ের জীবন শেষ হলেও  
মা কখনো হারে না।  
ঐতিহ্য নিয়ে খেলছো খেলা  
বাংলাকে নিয়ে খেলো না।  
সংস্কৃতির জাগরণে বাংলার মুক্তি,  
এত অবজ্ঞা করো না।  
তোমাদের আছে অর্থের জোর,  
আর আমাদের আছে শ্রদ্ধা।  
বিদ্যাসাগর আমি লজ্জিত,  
ক্ষমা চাওয়ার নেই স্পর্ধা।

দেবোজ্যোতি নায়ক  
দ্বিতীয় শ্রেণি

## বিদ্যাসাগর

জেলা মেদিনীপুর, বীরসিংহ গ্রাম,  
সেথায় যিনি জন্মেছেন বিদ্যাসাগর নাম।  
মাতা দেবী ভগবতী, পিতা ঠাকুরদাস,  
তাদের স্নেহ - নীড়ে ঈশ্বর প্রকাশ।  
সমাজ সংস্কারক বিদ্যাসাগর খ্যাত,  
বর্ণপরিচয় বই তাঁহার রচিত।

আরিত ব্যানার্জি  
তৃতীয় শ্রেণি

## নেতাজিকে

হে মহান দেশপ্রেমিক  
তোমায় স্মরণ করি,  
তোমার দেশে জন্ম বলে  
নিজেকে ধন্য মনে করি।

তোমায় নিয়ে আমরা সব  
কত না করি গর্ব,  
অজ্ঞ জনেরা গরিমা তোমার  
করিতে চাহিছে খর্ব।

জন্ম হলেই মৃত্যু হবে,  
এটাই সবাই জানি  
তুমি বীর, মৃত্যু নেই  
জন্মদিনটাই মানি।

দেশের জন্য লড়াই দেখেছি  
ব্রিটিশ পেয়েছে ভয়  
পরাদীন ভারত স্বাধীন হয়েছে,  
তোমার হয়েছে জয়।

নেতাজির বেশে আজও আছো বেঁচে  
ভুলিতে পারিনা তাই,  
ফিরে এসো তুমি, এই ভারতে,  
আজকে তোমাকে চাই।

নিখোঁজ হয়েছে কতদিন হল  
দেবতার হয়না মরণ,  
আজীবন যেন মাথায় করে  
রাখি তোমার চরণ।

অর্ণা চৌধুরী  
তৃতীয় শ্রেণি

## ও সুভাষ, ও সুভাষ

ও সুভাষ, ও সুভাষ  
সবার হৃদয়ে তুমি কর যে বাস।  
ঘুচাবে বলে সব দীনতা  
আনবে বলে স্বাধীনতা,  
ঘর ছেড়ে দিলে পাড়ি, বিদেশে  
আনবে বলে এক নব প্রভাত স্বদেশে।

আনতে মুক্তি-জাগাতে শক্তি  
তুমি যে মোদের বীর সতি।  
চেয়েছো তুমি দেশবাসীর রক্ত  
এল এগিয়ে তোমার লাখ ভক্ত।  
গড়লে তুমি আজাদ হিন্দ ফৌজ  
ঘুচাবে বলে পরাধীনতার বোঝ।  
ডাক দিলে - দিল্লি চলো  
শুনে হল ব্রিটিশরা টলমল।

ও সুভাষ, ও সুভাষ  
ভরলে বাঙালির বুক  
উজ্জ্বল হল জাতির মুখ।  
ভরলে আকাশ ভরলে বাতাস  
জীবনেরই জয়গানে,  
তুমি যে আমাদেরই সুভাষ  
ও সুভাষ, ও সুভাষ।

রোমির মণ্ডল  
চতুর্থ শ্রেণি

## শতবর্ষে সত্যজিৎ

ইংরেজ আমলে মানিক জন্ম নিলে  
সুপ্রভা দেবীর কোলে।  
পিতা তাঁর কবি, নাম সুকুমার,  
পিতামহ গল্পলেখক উপেন্দ্রকিশোর  
মাতার অনুরোধে তিনি যান শান্তিনিকেতনে,  
সেখা হতে স্নাতক হন - চিত্রকলা ও অঙ্কনে,  
খাসা চিত্রকর তিনি, শ্রেষ্ঠ পরিচালক,  
লোকমুখে ফেরে তার গুণের বহর।  
দেশ হতে লভিলেন শত চিত্র পুরস্কার  
বার্লিন হতে আনিলেন গোল্ডেন বিয়ার।  
সত্যজিৎ রায় তিনি, ভারত রতন  
শতবর্ষে স্মরিগো মোরা তোমারই চরণ।

শ্রেষ্ঠাংশী মজুমদার  
পঞ্চম শ্রেণি





## সত্যজিৎ রায়

উপেন্দ্রকিশোরের নাতি তুমি, সুকুমারের ছেলে,  
তবুও তুমি নিজের নামেই জগৎ মাতিয়ে দিলে।  
চলচ্চিত্র তোমার ছোঁয়ায় ধন্য হয়ে গেল,  
নতুন করে বিশ্বমাঝে ভারত ধরা দিল।  
‘পথের পাঁচালি’র অপুতে যেন নিজেকে খুঁজে পাই,  
‘গুপি বাঘা’র সঙ্গে সঙ্গে বিশ্ব ভ্রমণে যাই।  
‘সোনার কেলাস’, ‘গুপি গাইন বাঘা বাইন’, ‘হীরক রাজার দেশে’,  
কার কথা আগে রাখি, কার কথা শেষে।  
‘সন্দেশ’ এর সম্পাদককে জানাই প্রণাম,  
বিশ্বমাঝে উজ্জ্বল হয়ে থাকুক তোমার নাম।

## সেরা বাঙালি

বাংলা আমার মায়ের ভাষা, বাংলা আমার প্রাণ  
আমি বাংলায় বলি, বাংলায় লিখি বাংলায় গাই গান।  
এই বাংলার বুকে যুগে যুগে কত জন্মেছে সোনার ছেলে  
বাংলা মায়ের রূপখানি তারা দিয়েছে জগতে মেলে।

বাঙালির তারা গর্ব আর চিরপূজনীয়  
এমন কিছু মহামানবের কথা আজি বলি শোন।  
বীরসিংহের সিংহশিশু জ্ঞানের করিল জয়  
যার সেরা উপহার বাঙালির কাছে বর্ণপরিচয়।  
হৃদয়ে যাহার অপার করুণা নাম যার ঈশ্বর  
অপার জ্ঞানের লাগি যার নাম হল যে বিদ্যাসাগর।  
বাঙালি আবেগের আরেক নাম নেতাজি সুভাষচন্দ্র  
স্বাধীন ভারতের স্বপ্ন বুকে পায়েতে মুক্ত হৃন্দ।  
আজাদ হিন্দ যার স্বপ্নের দল যিনি সকলের নেতাজি  
হে বীর দেশনায়ক তোমার চরণে জানাই প্রণাম আজি।  
আরেক বাঙালি চিরভাস্বর সত্যজিৎ রায়  
সারা বিশ্ব এই বাঙালির নামে আজও গুণগান গায়।  
‘পথের পাঁচালী’ যার শ্রেষ্ঠ কীর্তি বিশ্বের দরবারে  
যার লাগি তিনি ভূষিত হলেন অস্কার পুরস্কারে।  
এমন সোনার ছেলের জন্ম হয় যেন ঘরে ঘরে  
স্মরণীয় এঁরা বরণীয় এঁরা আজও বাঙালির অন্তরে।

রুদ্রনীল চ্যাটার্জী  
পঞ্চম শ্রেণি

অর্চিম্মান খাড়া  
পঞ্চম শ্রেণি



## জ্যোতিষ্মর

বীরসিংহের সিংহশিশু বিদ্যাসাগর নাম,  
তোমার চরণে মোর শতকোটি প্রণাম।

সত্যিই তুমি সিংহ শিশু জ্ঞানের সাগর,  
অসহায়ের সহায় তুমি দয়ার আকর।

মায়ের ডাকে সাড়া দিতে দামোদর দিলে পাড়ি  
তোমার ছত্রছায়ায় প্রাণ পেয়েছে সহস্র নর-নারী।

বাল্যবিধবার নিদারুণ শোক আঘাত হেনেছে বুকে,  
বিধবা বিবাহ আইন হাসি আনলো তাদের মুখে।

অন্ধকারের অতলে থাকা কুসংস্কারী মানুষ,  
তোমার পবিত্র স্পর্শে পেল মান ও হুঁশ।

বিশ্বমাঝে এই বাঙালীর উচ্চ করেছ শির,  
তুমি প্রণম্য, তুমি আরাধ্য, তুমি কর্মবীর।

শিব-কালী দুর্গা-তারা কাল্পনিক ঈশ্বর,  
তুমি অমৃতের পুত্র, তুমিই জ্যোতিষ্মর।

জ্যোতিষ্মিয়া চন্দ্র  
চতুর্থ শ্রেণি

## দ্বিশতাব্দের পরেও বিদ্যাসাগর ও বর্তমান সমাজব্যবস্থা

শৈশবে হাতে খড়ির পর যাঁর হাত ধরে আমাদের বাংলা বর্ণমালার সাথে পরিচয় ঘটে, যাঁর জন্য আমরা উজ্জ্বল ভবিষ্যতের স্বপ্ন দেখি, গত বছর অর্থাৎ ২০২০ সাল ছিল সেই বিদ্যাসাগর মহাশয়ের জন্মের দ্বিশতবার্ষিকী উদ্‌যাপনের বছর। তিনি নারী শিক্ষার প্রসার, বয়স্ক শিক্ষা, মাতৃভাষার মাধ্যমে শিক্ষাদানের মধ্য দিয়ে মানুষকে সচেতন করে তুলতে চেয়েছিলেন। কিন্তু তাঁর জন্মের দ্বিশতবর্ষ পার হয়ে গেলেও তাঁর স্বপ্ন আজও অধরাই রয়ে গেল। সামাজিক বিধান ও নিরাপত্তার অভাবে আজও বহুনারী উচ্চশিক্ষা থেকে বঞ্চিত হচ্ছে। বিজ্ঞান ও প্রযুক্তি ক্ষেত্রে মেয়েদের ভূমিকা আজও সীমিত। কিন্তু বিদ্যাসাগর নারী শিক্ষার জন্য মাত্র ছয় মাসের মধ্যে ৪০ টি স্কুল প্রতিষ্ঠা করেছিলেন। তাই প্রশ্ন জাগে, আজকের মিথ্যার যুগে বিদ্যাসাগরের নীতিগুলি কতটা প্রাসঙ্গিক? তাঁর “সদা সত্য কথা বলিবে” উপদেশ কি আজকের ছাত্রসমাজের মনে দাগ কাটতে পেরেছে? মানুষ কি তাঁর নীতিগুলি জীবনে চলার পথে গ্রহণ করেছে? বিদ্যাসাগরের বর্ণপরিচয়ের সুবোধ বালক গোপাল মোটেই বিদ্যাসাগরের মতো ছিলেন না। না দুরন্তপনায়, না সমাজ সচেতনতায়। সে সদা সত্য কথা বলে, রোজ পাঠশালায় যায়। কিন্তু বর্তমানে এই গোপালের মত ছেলেরা যতটা আত্মসচেতন ও কেরিয়ার সচেতন হয়, দেশ ও সমাজ সম্পর্কে ততটা সচেতন হয় না। তাই গোপালের মতো সুবোধ বালকের চেয়ে রাখাল ও তার জীবনী লেখক ঈশ্বরচন্দ্রের মতো দুর্দান্ত বালকের আজ সত্যিই বড় অভাব।

রোহিত দাস  
দশম শ্রেণি



## স্কুল

বয়সটাকে শিকেয় তুলে  
যেতাম যদি আবার স্কুলে  
ঠিক ঠিক সব ক'রে, জলের বোতল ব্যাগে ভ'রে  
ঘণ্টা পড়ার সঙ্গে সঙ্গে পা রাখতাম ক্লাসে -  
নতুন ক'রে নিতাম শিখে, মাইনাসে আর প্লাসে।  
সব বিষয়ে মন লাগিয়ে, ভুলগুলোকে শুধরে নিয়ে  
ছুটির পরেও পড়তে যেতাম, বীরেন স্যারের কাছে;  
ফাঁকি দিয়ে আমার মত -  
কেউ যেন না বাঁচে।

সুমিত মণ্ডল  
দশম শ্রেণি

## বাস্তব মাটি, পৃথিবীর দেশ

বাস্তব মাটি  
পৃথিবীর দেশ  
তারিখঃ ২৩ শে জানুয়ারী ২০২১

পরম সম্মানীয় এবং প্রিয় নেতাজি,

আমি নিরুপায় হয়ে শেষ উপায়স্বরূপ আবেদন করছি যা আমাকে দীর্ঘদিন ধরে বিব্রত করছে। আজও ভারতবাসী তাদের প্রিয় নেতাকে খুঁজে বেড়ায়, বুঝি বিশ্বাস হয় না তোমার অন্তর্ধান। আজ বড়ো দুঃসময়, তোমার বড়ই অভাব। চারিদিকে আজ হানাহানি, অরাজকতায় পরিপূর্ণ। তোমার মতো দেশসেবার গঠনমূলক কাজে আত্মনিয়োগ আজ আর কোনো নেতা করেনা। তোমার ত্যাগ, বীরত্ব ও নেতৃত্ব দেশের সকল মানুষের হৃদয়ে যে অল্লান হয়ে আছে। তুমি কেন ফিরে এলে না নেতাজি? অথও ভারতের মুক্তি ছিল তোমার লক্ষ্য, সেটা যে সার্থক হয়নি তা সত্য। তোমার আদর্শ আজও যুবমানসে নতুন সূর্যের আবির্ভাব ঘটায়। ফিরে এসো নেতাজি! ফিরে এসো! তোমার অপেক্ষায় দিন গুনছি প্রতিনিয়ত। যেখানেই থেকে ভালো থেকে। “তোমার আসন শূন্য আজি / হে বীর পূর্ণ করো।”

নেতাজি সুভাষচন্দ্র বসু  
অজানা গলি  
মেঘের দেশ

ইতি  
অস্মিতা প্রামানিক  
দ্বাদশ শ্রেণি

## সৌমিত্র: হে বন্ধু বিদায়

আলোর দিনে নিভে গেল আলো,  
আজ শুধু বাঙালি জানে সে কি হারালো।  
নও তুমি একটি মাত্র প্রাণ -  
তুমি শতশত বাঙালির আশা।  
তুমিই বহু মানুষের শিল্পের দিশা।  
বেঁচে থাকবে তুমি মানুষের মনে,  
থাকবে তুমি বাঙালির হৃদয় কোণে।  
জনে-জনে মানুষ নেমেছে পথে শুধু তোমারই জন্য,  
তোমাকে শেষ বারের মত দেখে, হতে চায় তারা ধন্য।  
তোমার চিতার বহি রাশি -  
শোকাশ্রুতে যাই মোরা ভাসি,  
তবু তুমি অনন্ত, তুমি অমলিন  
এ জাতি সর্বদা মনে রাখবে তোমার শিল্পের ঋণ।  
ভুলব না তোমার শিল্পকর্ম, তোমার চলচ্চিত্র  
তুমি যে আমাদের সকলের প্রিয় সৌমিত্র।  
আজি বিদায় বেলায় কথা দিচ্ছি চিরকাল তুমি এ জাতির বক্ষে রবে  
হে মহামানব বিদায়, বিদায় তবে।

অনুষ্কা চ্যাটার্জী  
দ্বাদশ শ্রেণি



## अहंकारः नैवकरणीयः

एकदा देवराजः इन्द्रः अहंकारौ अभूत् । “ अहं जगत्पतिः अस्मि ” इति स अमन्यत् । शनैः शनैः अयम् अहंकारः विशालः अभवत् । एतेन सर्वे देवाः चिन्तिताः भूताः । तदनन्तरं सर्वे देवाः इन्द्रस्य अहंकारं दूरीकर्तुं विष्णुलोकम् आगच्छन् । तेषां चिन्तां ज्ञात्वा कमलनयनः विष्णुः इन्द्रस्य अहंकारं दूरीकर्तुं अचिन्तयत् ।

एकस्मिन् दिवसे स्वर्गलोके इन्द्रः सिंहासने विराजितः आसीत् । यदा असौ “ अहं अमरोऽस्मि श्रेष्ठोऽस्मि ” इति चिन्तनं कुर्वन् आसीत् । तदैव बालरूपं धृत्वा हरिः इन्द्रस्य द्वारं आगच्छत् । तम् दृष्ट्वा इन्द्रः चकितोऽभवत् । “ अयं बालः स्वर्गं कथम् अगच्छत् ” इति चिन्तयित्वा सः बालस्य पार्श्वे अगच्छत् । स बालस्य आगमनाय प्रयोजनम् अपृच्छत् । इन्द्रस्य प्रश्ने श्रुत्वा बालः अहसत् । तदैव सहसा तत्र महर्षेः लोमेशस्य आगमनम् अभवत् । बालः संकेतेन इन्द्रं तस्य महर्षेः लोमेशस्य दर्शनम् अकारयत् । स ऋषिः अकथयत् - “ अधुनाऽहं अतिवृद्धोऽस्मि । यदा एकः इन्द्रः मृतः भवति , तदा मम शरीरात् एकः केशः पतति । ” इन्द्रः तम् महान्तम् अतिदीर्घायु महर्षिं दृष्ट्वा हतप्रभोऽभूत् । एवम् तस्य सम्पूर्णः अहंकारः विनष्टोऽभवत् । स च तदैव विष्णोः स्तुतिं अकरोत् ।

अस्याः कथायाः सारोऽयं वर्तते यत् अहंकारः मानवानां प्रच्छन्नः शत्रुः अस्ति । अयं ज्ञानस्य मार्गं महती बाधा भवति।मानवान् विनाशमार्गं नयति । अतः कदापि अहंकारो न करणीयः।यतो हि उक्तम् -“ ज्ञानविघ्नोऽहंकारः ” इति ।

[अन्वय सामल,कक्षा-दशमी 'ए']

अर्थ:- एकवार देवराज इन्द्र को अहंकार हो गया । वे अपने आपको संसार का स्वामी समझने लगे । धीरे-धीरे उनका यह अहंकार विशाल रूप धारण कर लिया । इससे सभी देवगण चिन्तामग्न हो गए । देवराज इन्द्र के अहंकार को दूर करने हेतु वे सभी देवगण विष्णु लोक पधारे और अपनी चिन्ता से श्री हरि विष्णु को अवगत करवाया । सभी देवों की चिन्ता का कारण जानकर कमलनयन भगवान विष्णु इन्द्र के अहंकार को दूर करने का उपाय सोचने लगे । एकदिन स्वर्गलोक में इन्द्र अपने सिंहासन पर आरुढ़ अहंकारवश इस कल्पना में खोए हुए थे कि मैं अमर हूँ और सर्वश्रेष्ठ भी।उसी समय बालस्वरूप धारण कर भगवान श्रीहरि उनके द्वार पधारे।उनको देखकर इन्द्र आश्चर्य चकित हुए कि यह बालक स्वर्ग में प्रवेश कैसे प्राप्त किया ? ऐसा सोचकर वे बालरूप श्रीहरि से उनके स्वर्गागमन का प्रयोजन जानना चाहा ।इन्द्र के प्रश्न को सुनकर बालस्वरूप श्रीहरि हँस पड़े ।उसी समय वहाँ महर्षि लोमश का आगमन हुआ। बालस्वरूप श्रीहरि ने सांकेतिक माध्यम से इन्द्र को महर्षि लोमश का दर्शन करवाया । महर्षि लोमश ने इन्द्र से कहा देवराज!मैं वृद्धावस्था को प्राप्त हो गया हूँ फिर भी जब एक इन्द्र मृत्यु को प्राप्त होगा तब ही मेरे शरीर से एक केश का अधोपतन होगा । इन्द्र ऐसे सार्वभौमिक अतिदीर्घायु महर्षि को देखकर हतप्रभ हो गए । इस प्रकार देवराज इन्द्र का सम्पूर्ण अहंकार नष्ट हो गया । अहंकार नष्ट होते ही भगवान विष्णु को पहचाना और उनकी स्तुति करने लगे ।

इस कथा का सार यह है कि अहंकार मनुष्य का सबसे बड़ा शत्रु है । अहंकार ही ज्ञान के मार्ग में सबसे बड़ा बाधक है और यह मनुष्य को विनाश की ओर प्रेरित करता है । इसलिए अहंकार कभी भी नहीं करना चाहिए । शास्त्रोक्त है - “ ज्ञानविघ्नोऽहंकारः ” ।

## अभ्यासः एव श्रेष्ठः गुरुः

एकः बालः आसीत् । सः बंगप्रदेशे एकस्मिन् विद्यालये पठति स्म । सः अतीव जिज्ञासुः आसीत् । परन्तु सः पठने कुशलः न आसीत् । सः यत् पठति तत् विस्मरति स्म । सहपाठिनः तस्य उपहासं कुर्वन्ति स्म । सः चिन्तयति - किम् अहं मूर्खः अस्मि ? किं मम भाग्ये विद्या न अस्ति ? परन्तु अहं तु पठितुम् इच्छामि । तदा किं कर्तव्यम् ? एकदा सः मार्गे एकं कूपम् अपश्यत् । कूपस्य उपरि एकः घटः आसीत् । सः घटस्य अधः एकं गर्तम् अपश्यत् । सः अचिन्तयत् - इमं सुन्दरं गर्तं कः निर्मितवान् ? सः मातरम् अपृच्छत् - मातः ! अहं कूपे घटस्य अधः एकं गर्तम् अपश्यम् । तम् गर्तम् कः निर्मितवान् ? माता अवदत् - पुत्र ! प्रतिदिनं भूयो-भूयः घटस्थापनेन सः गर्तः निर्मितः ।

सः बालः विचारमग्नः अभवत् । सः अचिन्तयत् यदि भूयो भूयः घटस्थापनेन पाषाणशिलायाम् गर्तः अभवत् तदा किं पुनः-पुनः पठनेन मम मतिः तीव्रा न भविष्यति ? इति विचार्य सः विद्याभ्यासे संलग्नः अभवत् । सः पुनः-पुनः पाठान् अपठत् । पुनः-पुनः लेखनस्य अपि अभ्यासम् अकरोत् । शनैः-शनैः सः बुद्धिमान् अभवत् । सः परीक्षायां विशिष्टं स्थानं प्राप्तवान् । अधुना तस्य सहपाठिनः तस्य उपहासं न कुर्वन्ति स्म अपितु आदरं कुर्वन्ति स्म । सत्यम् एव अस्ति - “ अभ्यासः एव अस्ति श्रेष्ठः गुरुः । ” [आस्था तिवारी,कक्षा-दशमी 'ए']

अर्थ:- एक बालक था । वह बंगाल प्रदेश के एक विद्यालय में अध्ययन करता था । वह अत्यन्त जिज्ञासु था । परन्तु वह पढ़ने में कुशल न था।वह जो भी पाठ पढ़ता उसे भूल जाता था।सहपाठीगण उसका उपहास करते थे। वह सोचता कि - क्या मैं मूर्ख हूँ ? क्या मेरे भाग्य में विद्या नहीं है ? परन्तु मैं तो पढ़ना चाहता हूँ । तो मुझे क्या करना चाहिए । एकवार वह रास्ते में एक कुआँ देखा । उस कुआँ के जगत के उपर एक घड़ा था । वह घड़े के नीचे एक गड़्ढा देखा । उसने सोचा कि - इतना सुन्दर गड़्ढा किसने निर्माण किया ? वह अपनी माता से पूछा - माता जी ! मैंने कुआँ के जगत के उपर घड़े के नीचे एक गड़्ढा देखा । उस गड़्ढे को किसने निर्माण किया ? उसकी माता जी बोली पुत्र ! प्रतिदिन एक ही स्थान पर घड़ा रखने से वह गड़्ढा निर्मित हुआ । वह बालक विचारमग्न हो गया । उसने सोचा प्रतिदिन घटस्थापित करने से पाषाण- शिला पर गड़्ढा हो सकता है तो क्या प्रतिदिन पाठ पढ़ने से मेरी मति (बुद्धि) तीव्र नहीं होगी ? ऐसा विचार कर वह विद्याभ्यास में संलग्न हो गया । वह प्रतिदिन पाठों को पढ़ने तथा लिखने का अभ्यास करने लगा । धीरे - धीरे वह बुद्धिमान् हो गया । वह परीक्षा में विशेष स्थान प्राप्त किया।अब उसके सहपाठी उसका उपहास न कर उसका आदर करने लगे।सत्य ही है -“अभ्यास ही सबसे श्रेष्ठ गुरु है।

## सत्यनिष्ठा

एकः छात्रः आसीत् । तस्य नाम विधानचन्द्रः आसीत् । एकदा विधानचन्द्रः विद्यालयस्य मुख्यद्वारस्य पुरतः स्थितवान् आसीत् । तदा प्राचार्यस्य यानेन आहतः एकः पथिकः भूमौ पतितः।अस्याः घटनायाः प्रत्यक्षदर्शी विधानचन्द्रः एव आसीत् । सः न्यायालये सत्यम् अवर्णयत् । परिणामतः प्राचार्यस्य मनसि विधानचन्द्रस्य विषये दुर्भावना उत्पन्ना । यदा वार्षिकी परीक्षा अभवत् तदा विधानचन्द्रेण उत्तराणि सम्यक् एव लिखितानि।परं सः न्यूनान् अङ्कान् प्राप्तवान् । सः अनुत्तीर्णः जातः । तथापि सः तस्मिन् विषये किमपि न उक्तवान् । अग्रिमे वर्षे परीक्षायां सः उत्तमैः अङ्कैः उत्तीर्णः जातः । तदा प्राचार्येण पृष्ठः सः उक्तवान्-सत्यं प्रियतायाः रक्षणे एकस्य वर्षस्य हानिः न महती।स एव छात्रः पश्चात् बंगप्रान्तस्य मुख्यमंत्री अभवत् ।[सम्प्रीति दास गुप्ता,कक्षा-दशमी'डी']

अर्थ:- एक छात्र था । उसका नाम विधानचन्द्र था । एकवार विधानचन्द्र विद्यालय के मुख्य द्वार के सामने खड़े थे। उसी समय प्राचार्य महोदय की गाड़ी से आहत होकर एक पथिक(राही)भूमि पर गिर पड़ा।इस घटना का प्रत्यक्षदर्शी विधानचन्द्र ही थे ।वे न्यायालय में सत्य वर्णन किए । परिणाम स्वरूप प्राचार्य महोदय के मन में विधानचन्द्र के प्रति दुर्भावना उत्पन्न हो गई ।जब वार्षिक परीक्षा हुई तो विधानचन्द्र के द्वारा उचित उत्तर ही लिखा गया । परन्तु उन्हें अत्यन्त कम अंक प्राप्त हुआ । वे अनुत्तीर्ण हो गए । फिर भी उन्होंने इस विषय में कुछ भी नहीं कहा । अगले वर्ष वे परीक्षा में उत्तम अंकों से उत्तीर्ण हुए । तब प्राचार्य द्वारा पूछे जाने पर उन्होंने कहा सत्य की रक्षा हेतु एक वर्ष की हानि कोई विशेष हानि नहीं होती । वही छात्र आगे चलकर बंगाल प्रदेश के मुख्यमंत्री पद से अलंकृत हुए ।



## [ *La Notre - Dame de Paris* ]

Dans la ville de la Paris est une belle cathédrale – Notre Dame. C'est dédié à la Virgin Mary et c'est un bon exemple de l'architecture française. Elle ressemble un château de conte de fées, avec fenêtres roses, dix grandes cloches et jardins verts environ. C'est aussi un 'UNESCO World Heritage Site'. Après la Révolution française dans 1789, la Notre – Dame et sa propriété était publique. Ses statues ont été détruites. Heureusement dans 1801, Napoléon Bonaparte a restauré la Notre – Dame. Victor Hugo a été inspiré par la beauté de la cathédrale et a écrit le livre 'Notre Dame de Paris' ('The Hunchback of Notre – Dame'). Cependant, au 15 Avril 2019 les poutres du toit et aussi quelques autres parties de la cathédrale ont été détruits à cause d'un incendie.

**Elina Kumar**

**Class – 7E**

## [ *Notre-Dame of Paris* ]

In the city of Paris there is a beautiful cathedral - Notre Dame. It is dedicated to the Virgin Mary and is a good example of French architecture. It looks like a fairytale castle, with pink windows, ten large bells and green gardens. It is also a 'UNESCO World Heritage Site'. After the French Revolution in 1789, the Notre Dame and its property was publicised. Its statues have been destroyed. Fortunately, in 1801, Napoleon. Bonaparte restored the Notre Dame. Victor Hugo was inspired by the beauty of the cathedral and wrote the book 'Notre Dame de Paris' ('The Hunchback of Notre - Dame'). However, as of April 15, 2019 the roof beams and some other parts of the cathedral were destroyed due to a fire.

**Elina Kumar**

**Class – 7E**



## [ *Le musée du louvre* ]

Le musée du louvre est un musée d'art à paris, france. Il a été créé en 1793, il y a 228 ans. Le musée est situé dans le palais du louvre, construit à l'origine comme le château du louvre à la fin du 12ème au 13ème siècle sous Philippe II. C'est le plus grand musée et le monument historique le plus visité au monde avec 15 000 visiteurs dont 60% de touristes de différentes parties du monde. En raison de la taille massive du musée et le grand nombre de personnes qui le visitent, il est facile pour l'individu de se perdre. En 2016, une application de localisation a été lancée pour guider les gens à l'intérieur de la disposition inconnue du bâtiment. Il abrite un total de 380 000 oeuvres d'art dont seulement 35 000 sont exposées au public. Les peintures vont de la préhésie au xxie siècle. La superficie du musée est de 782.910 pieds carrés, il est divisé en départements: arts islamiques; arts décoratifs; antiquités romaines; peintures, estampes et dessins; oeuvres d'art grecques; antiquités égyptiennes. Le musée du louvre est bien connu pour être la maison de la joconde. Léonard de vinci, l'homme derrière la peinture de la joconde, est soupçonné d'avoir commencé à travailler sur l'oeuvre d'art en l'an 1503 et a donné sa touche finale à la peinture en 1517. Premier empereur de france, Napoléon Bonaparte fut le premier à accrocher la peinture de la joconde sur le mur du musée. Il rebaptisé le musée d'après son propre nom comme musée Napoléon. Un fait inconnu au sujet du musée est qu'il a été précédemment utilisé comme un lieu de stockage pour les oeuvres d'art volées. Dans l'ensemble, le musée du Louvre est un lieu très intéressant à visiter où l'on se retrouverait trempé dans l'art.

**Rohan Kumar Bardhan**

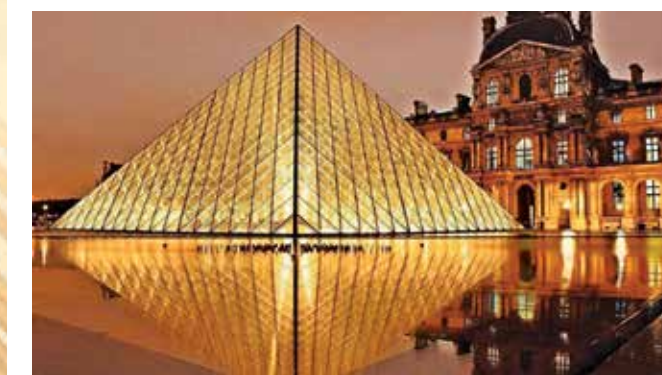
**Class – 7A**

## [ *The Louvre Museum* ]

The Louvre Museum is an art museum in Paris, France. It was created in 1793, 228 years ago. The museum is in the Louvre Palace, originally built as the Louvre Palace in the late 12th to 13th century under Philip II. It is the largest museum and the most visited historical monument in the world with 15,000 visitors, 60% of whom are tourists from different parts of the world. Due to the massive size of the museum and the large number of people who visit it, it is easy for the individual to get lost. In 2016, a locator app was launched to guide people inside the building's unknown layout. It houses a total of 380,000 works of art, of which only 35,000 are on display to the public. The paintings range from parrhesia to the twenty-first century. The area of the museum is 782,910 square feet, it is divided into departments: Islamic arts; decorative Art; Roman antiquities; paintings, prints and drawings; Greek works of art; Egyptian antiquities. The Louvre Museum is well known for being the home of the Mona Lisa. Leonardo da Vinci, the man behind the painting of the Mona Lisa, is believed to have started working on the artwork in the year 1503 and gave the painting his final touch in 1517. First Napoleon Bonaparte was the first to hang the painting of the Mona Lisa on the wall of the museum. He renamed the museum after his own name as the Napoleon Museum. An unknown fact about the museum is that it was previously used as a storage place for stolen works of art. Overall, the Louvre is a very interesting place to visit where one would find oneself drowned in art.

**Rohan Kumar Bardhan**

**Class – 7A**







## Mathematics In Space

Talking about space and its various kinds of wonders, within this is a mechanism, about which no one ponders, Mathematics is not just long sums as it seems to be.

It's a language that lets us communicate with the cosmos we see. Kepler couldn't have developed the model of the solar system, without using his mathematical wisdom.

Newton used calculus to describe the motion of Halley's comet, and every other heavenly object, even a rocket. Newtonian physics was a new language for space, Making the universe's deepest secrets commonplace. The method of the discovery of Neptune, one of the best examples of Mathematics' boon. Le Verrier observed Uranus shifting from its orbit, Mathematically calculating Neptune bit by bit.

From the secrets of space to the shape of shells, Maths always has a beautiful story to tell.

**Mihika Bajoria**  
Class: X/B

## Maths- A Magic

Maths, as a friend, is hard to accept just as Maths as a magic, is impossible to think of as.

The 'x' and 'y' may be annoying to find some time, but we just don't know the magic of it still, maybe that's why.

'Cos', 'tan', 'sin'

Are not easy to remember, as we may agree but did you know you can just use your fingers to find so?

Magic square, table of nine may seem to be easy, but these are all magics of Mathematics, just as you see?

Maybe now Maths would be a good friend of yours, and you could just apply a magic of it to solve all your problems and doubts.

**Anuswa Nayak**  
Class: X/B

## Application Of Mathematics In Origami

"Origami is the art of paper folding, which is often associated with Japanese culture. In modern usage, the word 'origami' is used as an inclusive term for all folding practices, regardless of their culture of origin."

Origami is centred around crease patterns. A crease pattern is an abstract 2-D design that consists of all or most of the creases in the final 3-D origami model. They are designed to fold flat without dealing with any new creases or cutting the paper and serve the purpose of blueprints.

The relationship between maths and origami is quite intricate but a thorough analysis has opened up the pathway towards some more valuable accomplishments, beyond merely folding a piece of paper. Japan Aerospace Exploration Agency (JAXA) built a foldable solar sail based on origami principles, capable of expanding out in space. In conclusion, incorporating mathematics in origami has provided us with a better insight into this extraordinary art form, allowing us to implement it to make advancements in the fields of art, science, medicine and mathematics itself.

**Kavya Akansha Barwa**  
Class: XII/A

## Computer Games

Computer games have gained a very important position in the minds of teens and kids. Everyone plays games but gamers do not know how the games are being made. Thanks to mathematics for which all games are being created. We all know 3D geometry and vectors just that (x,y,z) coordinate which is the most important part in all games. We see cars, person, or any other object in games changing its position, works on 3D geometry mechanism. Movement in games makes them more realistic and interesting. Suppose you want to move 10 steps right, 5 steps up and 7 steps diagonally it represents the object location in form of code "(10,5,7)". Let me take an example to understand the thing very well. In our childhood we all have played Moon Mario. If you have noticed that when Mario jumps forward from one block to another, he falls in a parabolic pattern not just straight downwards, its equation is  $y = -x^2$ . Developers have input the idea of parabola here.

**Snehal Dutta**  
CLASS – XII/C

## Concept Of 4D

Tesseract- A tesseract is considered a 4D object which consists of a small cube and a large cube, and the small cube lies inside the large cube and the line joining the corners of the cube should be at  $90^\circ$ . Just like joining two points give us a line, joining two lines give us a square, joining two square give us cube, joining two cubes at  $90^\circ$  gives us a hypercube called tesseract. We all know the coordinate system in mathematics a point 'P' in 3D space is represented as P(x,y,z). Now if we consider a 4D space its coordinates are given by P(x,y,z,w). where w axis is called as spistude as given by scientists. For all 3D objects the w coordinate is always zero. Now if we consider a hyper cone (4D cone) and we make sections of it we will get certain 3D objects like sphere, ellipsoid, paraboloid, hyperboloid which are analogous to the sections of 3D cone.

**Tuhin Pramanik**  
CLASS – XII/C

## Mathematics for the better world

It was the wedding occasion of one of my father's students. We decided to get a gift for her from Kolkata. My father said that he could not go with us so me and my mother went to Kolkata by train. The train was Bidhan and number was 02342. My mother told me when it would return during afternoon, it would be 02341. This numbering system was quite interesting. I have googled that day and have seen that this similar number pattern is followed for almost all trains. So not only in books, but Mathematics is also connected in railway networks too that makes our journey easy and comfortable. From today I will focus more on maths and will attend the mathematics class regularly. Though I do it regularly but sometimes I get distracted.

Thanks to my maths books, I promise I will focus on you more.

**Aaman Chandra**  
Class 4, Section B





## Fun With Numbers Series

Mathematics is the science that deals with the logic of shape, quantity and arrangement of numbers. So, I am going to highlight some amazing patterns of numbers.

**Like**

**Munchausen number:** It is a number that is equal to the sum of its digits each raised to the power equal to the digits.

$$3^3 + 4^4 + 3^3 + 5^5 = 3435$$

Now I am going to say such numbers whose sum of the digits raised to cube is equal to its digits:

$$1^3 + 5^3 + 3^3 = 153$$

$$1^3 + 5^3 + 3^3 = 153$$

$$3^3 + 7^3 + 0^3 = 370$$

$$16^3 + 50^3 + 33^3 = 165033$$

$$4^3 + 0^3 + 7^3 = 407$$

$$166^3 + 500^3 + 333^3 = 166500333$$

$$1666^3 + 5000^3 + 3333^3 = 166650003333$$

**Armstrong number:**

When digits are raised to their third power and their sum is equal to the number

$$4^3 + 0^3 + 7^3 = 407$$

Now is the Pythagoras theorem:

It says that the sum of the square of numbers is equal to the square of another number

$$3^2 + 4^2 = 5^2$$

$$5^2 + 12^2 = 13^2$$

$$10^2 + 24^2 = 26^2$$

**Pradipta Dandapat**  
CLASS – XII/C

## Let's check The Book...

$\pi$ : Hi! Omega how are u?

$\Omega$ : Yes, fine dude. What about you Pi?  $\pi$ : Fine. Do u know about ISBN?

$\Omega$ : No what is it? Is it anything to eat or play?

Till 2006 it was containing of 10 digits. Now since 2007 it is of 13 digit

A, Prefix element: 3-digit length (generally 978 or 979).

B, Registration group element: identifies the particular country, geographical area.

C, Registrant element: identifies the particular publisher or imprint. 5 - digit in +length.

D, Publication element : identifies the particular edition and format of a specific title.

E, Check digit: this is always the final single digit that mathematically validates a test here of the numbers.

It is calculated using a modulus -10 system with alternate weights of 1 and 3.

The way for calculating the check digit is;

$$S = (9 \times 1) + (7 \times 3) + (8 \times 1) + (1 \times 3) + (7 \times 1) + (8 \times 3) + (2 \times 1) + (8 \times 3) + (0 \times 1) + (8 \times 3) + (0 \times 1) + (8 \times 3) = 146$$

$$S/10 = 146/10 = 14; \text{ remainder} = 6$$

Check digit = 10 - remainder = 10 - 6 = 4, is the last digit of this ISBN.

This ISBN code is issued by the publisher. The book gets a new ISBN number if;

- |                                         |                             |
|-----------------------------------------|-----------------------------|
| a) The book is printed with new edition | b) The publisher is changed |
| c) The title is changed                 | d) The language is changed  |

ISBN helps to identify and order the exact book and also helps to track purchases and sales.

**Tamanna Maji**  
CLASS – XII/D



## Theme: Entrepreneurs – The Demand Of World Economy

### Know An Entrepreneur & His Role

An entrepreneur is an individual who sets up and grows a business and contributes for the development of the nation. They combine different factors of production to create a new profitable business venture. Entrepreneurs are themselves an essential aspect of a functioning free market economy. The economic success of nations worldwide is the result of encouraging and rewarding the entrepreneurial instinct.

A society is prosperous only to the degree to which it rewards and encourages entrepreneurial activity because it is the entrepreneurs and their activities that are the critical determinant of the level of success, prosperity, growth and opportunity in any economy. The most dynamic societies in the world are the ones that have the most entrepreneurs, plus the economic and legal structure to encourage and motivate entrepreneurs to greater activities. Entrepreneurs are optimistic and future oriented; they believe that success is possible and are willing to risk their resources in the pursuit of profit. And they're flexible, willing to change quickly as per the change in society. They continually seek out customer needs to find ways to offer their products and services in such a way that what they're offering is more attractive than anything else available.

Entrepreneurs are national treasure, and should be protected, nourished, encouraged and rewarded as much as possible. They create all wealth, all jobs, all opportunities, and all prosperities in the nation.

**Naveeksha Patesaria**  
CLASS – XII Commerce

### The Game Changers

*Living A Dream*

*I don't need to sleep; I am living a dream.*

*- Vijay Shekhar Sharma*

The man who faced difficulties in his college as he was unable to read and write in English. Coming from a small village, reading in a Hindi medium till then, it was quite obvious for him to face the problem. As winning is about not giving up, this renowned personality, in the business world, completed his Bachelor's in electronics and communication engineering from the Delhi technological University. Moreover, he learned English during his college days and also started his career as an entrepreneur. Vijay Shekhar Sharma, the founder and CEO of India's biggest fintech company- Paytm, is the best example of a winner who won as he never gave up.



Paytm, started by Vijay in 2010 with an initial investment of \$2 million, is now worth \$16 billion with 50% of the market share. Paytm includes mobile recharges, utility bill payments, travel, movies, and event bookings as well as in-store payments at grocery stores, fruits and vegetable shops, restaurants, parking, tolls, pharmacies and educational institutions. Even the Indian railways have Paytm as a payment option. Moreover, the peddlers and hawkers too decorate their carts by a Paytm QR code and allow the buyers to pay through it. Along with helping India go cashless Paytm also facilitates its users with Paytm payments bank and Paytm mall.

In March 2015 Paytm received its huge stake from a Chinese e-commerce company- Alibaba group. After that many Indian as well as International investors started investing in Paytm and still it continues.

Entrepreneur plays an important role in the growth of a country and a positive approach to the inevitable hurdles of the journey makes one a successful entrepreneur as Vijay.

**Nikhil Lodha**  
CLASS – XII





## BYJU Raveendran

BYJU Raveendran was born in 1981 in the Azhikode village of Kerala, India. He studied at a Malayalam Medium School where his parents were Maths & Physics teacher. He would often skip his classes and then assimilate his studies at home. After Graduation, Raveendran yielded a job in a multinational IT sector. In 2011, he founded Byju's with his wife, DivyaGokulnath. In 2015 as smartphone sizes increased Byju's launched an app developed by Raveendran. In October 2018, the app expanded to the UK, US and other English-speaking countries. As reported by Forbes, in 2020, Raveendran, his wife and his brother Riju Raveendran, had a combined net worth of \$3.05B. In January 2021, he was added to the National Startup Advisory Council as a non – official member. He was honoured with Manorama Newsmaker Award in 2019, Forbes India Leadership Award (FILA) Entrepreneur for the year. He was also seen in 2020 Fortune Magazine's 'under 40' list.



By giving a glimpse at his story, it can be visualized that the interest of a person in his future goal and taking small steps towards it will definitely pay off the results.

**Roshni Singh**  
CLASS – XII Commerce

## "I" As An Entrepreneur

What an exhilarating thought it is! I as an entrepreneur, creating something of my own. Being the master of my own destiny by not becoming a job seeker but instead on way of being a job provider, directly contributing to nation building, having the courage of my convictions and pursuing my own path.

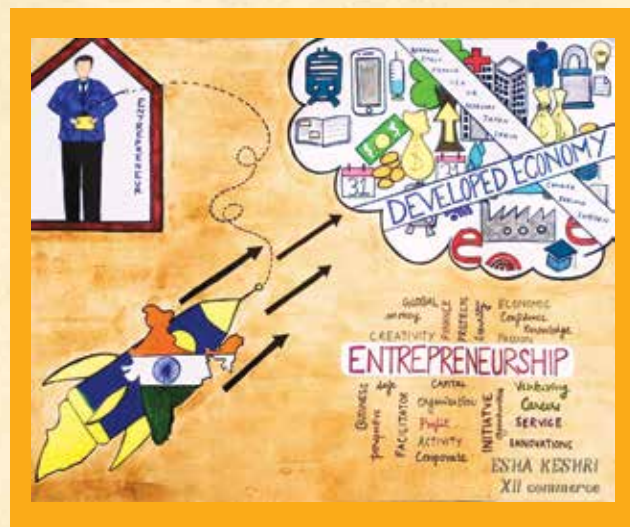
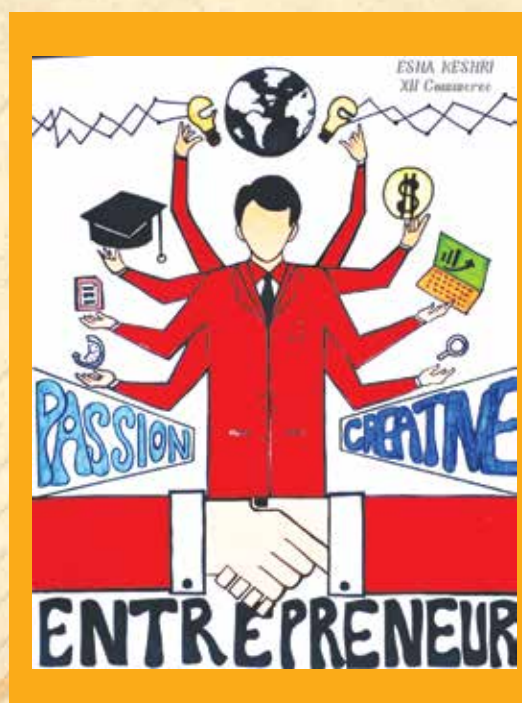
I belong to a business family and my mother also works in a business firm so there is nothing wrong to say that this business is something I am very closely related to. In today's world with the IT sector becoming the most lucrative sector, I would like to invest in that sector. Investing and expanding my family business is also a good idea as we belong to the food processing industry. Being an entrepreneur is not easy. It involves the risk; it demands your resources and it needs the passion to turn your dreams into reality. Big or small, success or failure that all lie in the womb of time but the first step on the path of turning into an entrepreneur is in itself a journey I dream off.

**Akshat Khaitan**  
CLASS – XII Commerce

## Entrepreneurs- The Modern Owners

In a world where change is the new constant  
And absurdities our new best friend  
We have no choice but to accept the trend  
Of following the path that leads the spectrum ahead  
And let no new cause of recession to shed  
In a world ruled by politicians  
And books filled with jargons  
Let us build a society of the generation next entrepreneurs  
To pull us off the depreciating curve of economy curse  
Recession and Economic shock  
Has now made a habit to make an uncalled-for knock  
Entrepreneurs, buckle up, there's a road you need to build  
For the road unbent ahead might, might just protect us as a shield  
A cover from underdevelopment  
A new direction towards building your own trend  
In the woods filled with uncertainty  
Let ideas of entrepreneurship draw walls filled with graffiti  
Slow, yet steady would the call for this idea grow  
Future entrepreneur, you have got that power in you, to the word  
today you must show!!!

**Shrestha Samui**  
**Ananya Manoj Singh**  
CLASS – XII Commerce



Painting by  
**Esha Keshri**  
Class XII





## Activities

International Solar Energy Day (3<sup>rd</sup> May, 2021)National Technology Day (11<sup>th</sup> May, 2021)

## Salutations

I offer my salutations to you,  
 O great men of the past,  
 Whose names have been written in history books,  
 But the unremembered history books,  
 Have not had the chance to sing their names,  
 Which today, I have received.  
 O Maharshi Kanad,  
 The founder of the atomic theory,  
 The discoverer of the kanas, now called the atom,  
 Whose credit, today, goes to the West.  
 O Acharya Aryabhatta,  
 The first astronomer who told us,  
 Of the heliocentric theory that,  
 The Earth was round,  
 Rotating on its own axis,  
 whilst revolving around the Sun-  
 O Acharya Varahamihira,  
 The one who stated,  
 The cause of reflection-  
 O Maharshi Baudhayan,  
 The first person to have calculated,  
 The value of pi,  
 Without which circles would have ceased  
 to have any value-  
 O the anonymous Mayasura,  
 Whose, 'Surya Siddhanta',  
 Gave us the time it takes,  
 For the Earth to revolve around the Sun-  
 Please accept my offerings,  
 Of respect and reverence,  
 As I bow down

**Shirin Chaudhuri**  
 Class-12

## Fascinating Physics

I like Physics.  
 Here there is frequency  
 Vibration and energy.  
 Which rules the universe  
 and makes us wise.  
 Physics has matter  
 Physics has space.  
 Physics has particle  
 and Physics has force.  
 Without Physics  
 there is no cosmic existence.  
 And Physics is of utmost importance.

**Angelika Samal**  
 Class-8A



**Elina Kumar**  
 Class-7E

## Problem Physics

Recently I heard from my father that a shop near the place where I used to live was broken apart by a truck driven by a drunk driver this led to the question in my mind now what will happen to the shop owner's family his economic condition moreover how will he now survive. The driver can be forced to pay the loss but like in this situation it happened that the driver died in the accident where moreover the truck driver's family will now have its survival in risk. What caused the above problems who are innocent and who is the culprit? The answer a scientific thinker may say that the culprit may be any but what can be the solution to this problem?

Many drivers in India are under financial problems leading to stress and possess frustration, the person finds its way towards alcohol and other kinds of toxins but this problem will survive till poverty will remain alive. This is a problem which can never be solved in the near future.

one way to prevent the accident is the use of technology and programmed algorithm in a smart way according to different studies, a person who is drunk will have the smell of alcohol in his breathe and further the ph. of the nearby area will change and turn a bit of acidic from the usual alkali form detecting this it can be confirmed that a person has consumed alcohol or not. After detecting this the algorithm can notify and alert the nearby traffic police and moreover park the vehicle in a nearby safe spot there after strict action is taken on the driver, it may be some fine or stuff but it can never be more expensive than the person's life it may be expensive to set the things up but it will be much better than the accidents which the country witnesses every day. With the use of this suggested method, many families will be saved from their great misfortunes and this will also reduce many accidents.

**Rudra Narayan Panda**  
 Class: 10B





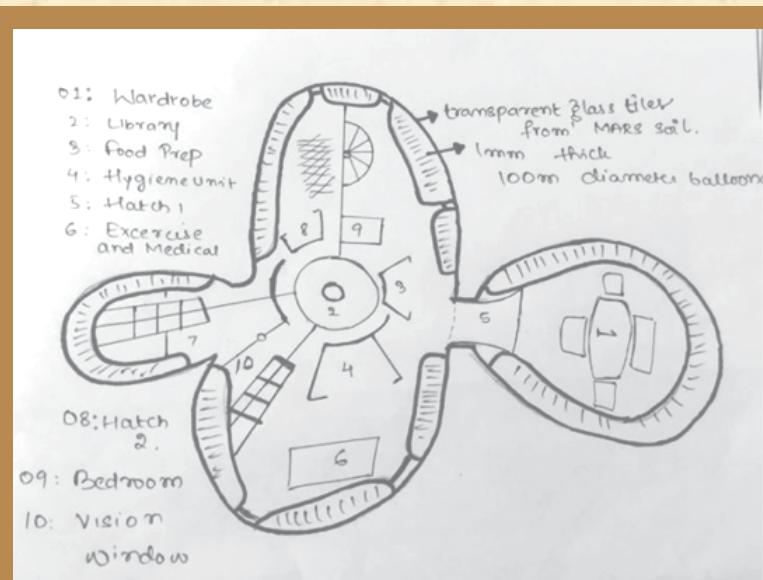
## Terra Forming On Mars

Terra forming on MARS is a hypothetical procedure that would consist of a planetary engineering project or concurrent projects with the goal of transforming the planet from one hostile to terrestrial life to one that can sustainably host humans and other life forms free of protection and meditation.

The process would involve rehabilitation of planet's extant climate, atmosphere and surface through a variety of resource intensive initiatives and installation of a novel ecological system. Hazards and difficulties might include low gravity, low light levels relative to earth and lack of magnetic field. We might be wondering how bright sunlight on mars is. The answer to this exciting question is the maximum solar irradiance on Mars is about  $590\text{W/m}^2$  compared to  $1000\text{W/m}^2$  at the Earth's surface. So the next question that might arise in our minds is that whether we could have an artificial sun on Mars, the answer is yes we do can have an artificial sun on Mars. Sun is powered by nuclear fusion of hydrogen nuclei to form a heavier nucleus. This reaction releases a massive amount of energy. Temperatures on the sun are up to 15 million degree Celsius. China has succeeded in creating an artificial sun which is a nuclear fusion device that produces energy similar to the reactions that take place in the sun's core. Chinese scientists are planning to start operation on the device soon. If successful scientists could achieve the ultimate goal of cheap, clean, near limitless nuclear fusion energy. Mars's thin atmosphere and low gravity is good for making domes. Below is the model of how a dome can be made on Mars:

Martian surface could also be made habitable with a material "silica aerogel" that mimic's Earth's atmospheric greenhouse effect. Now we know that a planet's magnetic field is generated by an internal dynamo in which liquid metal flowing within the planet's outer core produces an electric current. Mittelholz and her colleagues detected low intensity magnetic fields over one of the oldest features on Mars, the Borealis Basin. There is a lava flow that has a magnetic signal and it drops as we see a hole in the surface. Mittelholz attributes the low intensity magnetic field over the Borealis Basin to fewer carrier minerals in rock formation. If we could somehow find more carrier minerals then we can have the science of magnetism on Mars. If we create a satellite based artificial magnetic field on mars then it might be possible but a normal magnet cannot do this and we need an electro magnet for this purpose. Scientists are building the most powerful electro magnet in the world one that would not blow up a split second after it is turned on. It's not stable yet but if it could be stabilized then by giving a lot of efforts and time Mars could be made a habitable planet.

Mehwish Razi  
Class-12C



## Does Time Have Fixed Speed??

One evening in the spring of 1905, Albert Einstein after checking through his day's work, decided to board a tram car on his way home from clock tower. It was this evening he realized that if the tram would have to travel with  $299,792,458\text{ m/s}$  the hands of clock would appear to completely freeze. But at the same time, he knew that back at the clock tower the hands of clock would continue to tick.

For Einstein time had slowed down. This result blew his mind !! He realized that the faster we move through space, the slower we move through time. If this is so then how does time work??

To answer this he used Newton's Laws of Motion and Maxwell's Laws of Electromagnetism. But both laws seemed incompatible with each other, which presented Einstein with a daunting dilemma.

In one of his thought experiments, Einstein considered two bolts of thunder striking the ground at same time. For a person standing in between the two, both lightning bolts would strike ground at same time but for a person on any one side of the bolts, bolt of their side would strike the ground first. But if speed of light confirms the rule of relativity, then the person must witness the two lightning bolts simultaneously. Einstein had to make a difficult choice between the two laws.

Einstein discerned that two notions could co-exist with a small alteration in Laws of Motion. He proposed that time itself would slow down for Einstein when he is on tram to compensate for increase in speed such that speed of light remains constant.

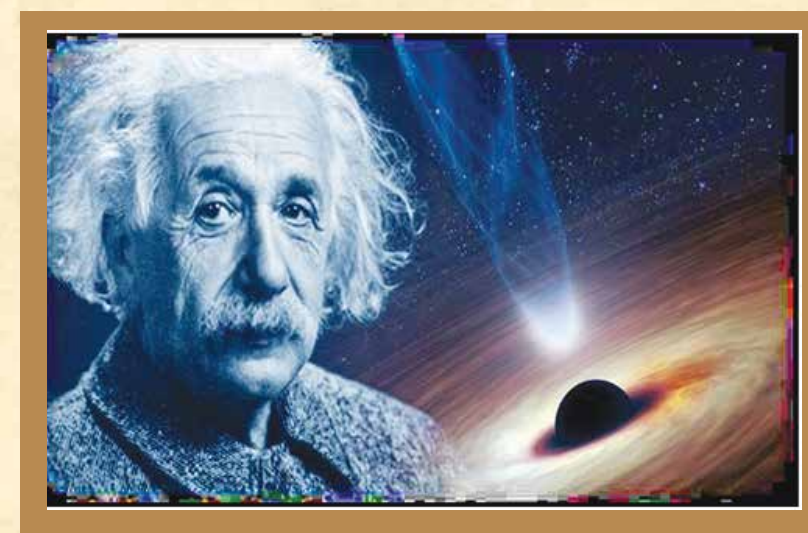
He called this phenomenon TIME DILATION, in which time adjusts itself with respect to velocity of body and this theory THE SPECIAL THEORY OF RELATIVITY.

Einstein discovered that time stretches and contracts and can also travel backward. This flexibility of time led Einstein to the discovery of fourth dimension called space-time around which abundant events of space like gravity and wormholes unfold.

This is why time appears to freeze in some regions of space-time like black holes from which even light can't escape. So for the purpose of escaping from a black hole, a body with speed which is multiple times the speed of light is required. This accounts why time passes so slowly or apparently stops in a black hole.

This explains the climax of the movie INTERSTELLAR as to why an hour inside black hole was nearly equal to seven years on Earth!!

Saakshi Pandey  
Class: 12







## Anti-Tobacco Day 31st May 2021

### PARTICIPANTS:

1. Sayantani Chowdhury, 11-A
2. Sampriya Singha Roy, 11-A
3. Shobhit Khemka, 9-D



## Green Chemistry: Need Of The Hour



Green Chemistry essentially is a checklist of ways to reduce both the environmental impact and the potential negative health effects of chemicals and chemical synthesis. The basic principles associated with Green Chemistry are:

**Waste Prevention:** This tenet simply states that chemical processes should be optimised to produce the minimum amount of waste possible. A metric, known as the environmental factor (or E factor for short), was developed to gauge the amount of waste a process created, and is calculated by simply dividing the mass of waste the production process produces by the mass of product obtained, with a lower E factor being better. Drug production

processes historically had notoriously high E factors, but the application of some of the other green chemistry principles can help to reduce this.

1. **Less Hazardous & safer Chemical Synthesis:** Ideally, we want chemicals we create for whatever purpose to not pose a health hazard to humans. We also want to make the synthesis of chemicals as safe as possible, so the aim is to avoid using hazardous chemicals as starting points if safer alternatives are available. Additionally, having hazardous waste from chemical processes is something we want to avoid, as this can cause problems with disposal.
2. **Design for Energy Efficiency:** Energy-intensive processes are frowned upon in green chemistry. Where it is possible, it is better to minimise the energy used to create a chemical product, by carrying out reactions at room temperature and pressure. Considerations of reaction design also have to be made; removal of solvents, or processes to remove impurities, can increase the energy required, and by association increase the process's environmental impacts.
3. **Use of Renewable Feedstocks:** The perspective of this principle is largely towards petrochemicals: chemical products derived from crude oil. These are used as starting materials in a range of chemical processes, but are non-renewable, and can be depleted. Processes can be made more sustainable by the use of renewable feedstocks, such as chemicals derived from biological sources.
4. **Catalysis:** The use of catalysts can enable reactions with higher atom economies. Catalysts themselves aren't used up by chemical processes, and as such can be recycled many times over, and don't contribute to waste. They can allow for the utilisation of reactions which would not proceed under normal conditions, but which also produce less waste.
5. **Design for Degradation:** Ideally, chemical products should be designed so that, once they have fulfilled their purpose, they break down into harmless products and don't have negative impacts on the environment. Persistent organic pollutants are products which don't break down and can accumulate and persist in the environment; they are typically halogenated compounds, with DDT

being the most famous example. Where possible, these chemicals should be replaced in their uses with chemicals that are more easily broken down by water, UV light, or biodegradation.

6. **Safer Chemistry for Accident Prevention:** Working with chemicals always carries a degree of risk. However, if hazards are managed well, the risk can be minimised. This principle clearly links with a number of the other principles that discuss hazardous products or reagents. Where possible, exposure to hazards should be eliminated from processes, and should be designed to minimise the risks where elimination is not possible.

“Green Chemistry is not the definite solution, but the ultimate necessity”

**Mridunja Raman**  
Class 10 C

## Life & Work Of Shanti Swaroop Bhatnagar

Shanti Swaroop Bhatnagar was born in the Behra, Punjab region of British India. His father died when he was of 8 months old, so he was raised in his maternal grandfather, an engineer who helped him develop a liking for science and engineering. Although he received a scholarship for studying in America still he couldn't reach America via England. But he was permitted to join the University College London under chemistry professor Frederick G. Donnan.



He earned his Doctorate in science in 1921. In August 1921, he returned to India and joined Banaras Hindu University as a professor of chemistry. However, his professional career was a bit different. Shanti Swaroop Bhatnagar's first industrial problem was developing the process for converting bagasse into food- cake for cattle. His major innovation was an improvement of the procedure for drilling crude oil. The first research organisation in India was created as an Industrial Intelligence and Research Bureau, which came into operation in April 1935 under the Indian stores Department. In 1939 there was a strong movement to abolish the bureau and replace it with BSIR. Shanti Swaroop Bhatnagar along with Vikram Sarabhai and others played a significant role in building India's post-independence science and technology. He received Padma Bhushan, Knight Bachelor, OBE and fellow of the society. Shanti Swaroop Bhatnagar prize for science & technology was created in his honour.

**Ayushi Gorai**  
Class 9 A

## Nanotechnology

Nanotechnology is science, engineering, and technology conducted at the nanoscale, which is about 1 to 100 nanometres. Physicist Richard Feynman, the father of nanotechnology. Nanoscience and nanotechnology are the study and application of extremely small things and can be used across all the other science fields, such as chemistry, biology, physics, material science and engineering.



The ideas and concepts behind nanoscience and nanotechnology started with a talk entitled “There's Plenty of Room at the Bottom” by physicist Richard Feynman at an American Physical Society meeting at the California Institute of Technology (CalTech) on December 29, 1959, long before the term nanotechnology was used. Over a decade later, in his explorations of ultra-precision machining, Professor Norio Taniguchi coined the term nanotechnology. Once scientists had the right tools, such as the scanning tunnelling microscope (STM) and the atomic force microscope (AFM), the age of nanotechnology was born.

Although modern nanoscience and nanotechnology are quite new, nanoscale materials were used for centuries. Alternate-sized gold and silver particles created colors in the stained-glass windows of medieval churches





hundreds of years ago. The artists back then just didn't know that the process they used to create these beautiful works of art actually lead to changes in the composition of materials they were working with.

Today's scientists and engineers are finding a wide variety of ways to deliberately make materials at the nanoscale to take advantage of their enhanced properties such as higher strength, lighter weight, increased control of light spectrum and greater chemical reactivity than their larger scale counterpart.

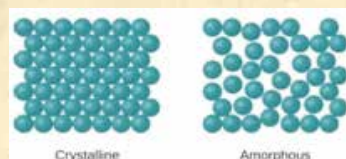
Aradhita Pathak  
Class 9 C

## What is A Glass –Solid or Liquid



Ever wondered why some glass panes are thicker at the bottom than that of the top? The seemingly solid glass appears to have melted. And hence, the misconception started that glass is a liquid, as it is hard, we can consider it as a supercooled liquid. But some further studies proved it that glass is neither a solid nor a liquid. Then the question arises what is a glass? Is there any new state scientist's don't know? Or is it a misconception?

Well, glass is an amorphous solid. Now, what is an amorphous solid? And how is it different from other solid structures? An amorphous solid is a kind of solid that does not organize atoms and molecules in a definite lattice pattern. It is organized than a liquid but do not attain order of solids. Like liquids, these amorphous solids can flow, very slowly-the reasons why glass panes seems to be thicker at the bottom.



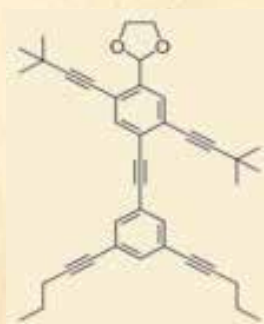
Structure of atoms in crystalline solids and amorphous solids.

Due to its unique state and bondage of its atom whenever a glass is heated at high temperature it melts down into a soft, malleable state. Ever visited a glass blowing industry, if yes, you will see this kind of malleable state(molten wax ) of glass at high temperatures which beautifully gives shapes to different showpieces.

Ritaja Tarafder  
Class 12 A

## Nanoputians

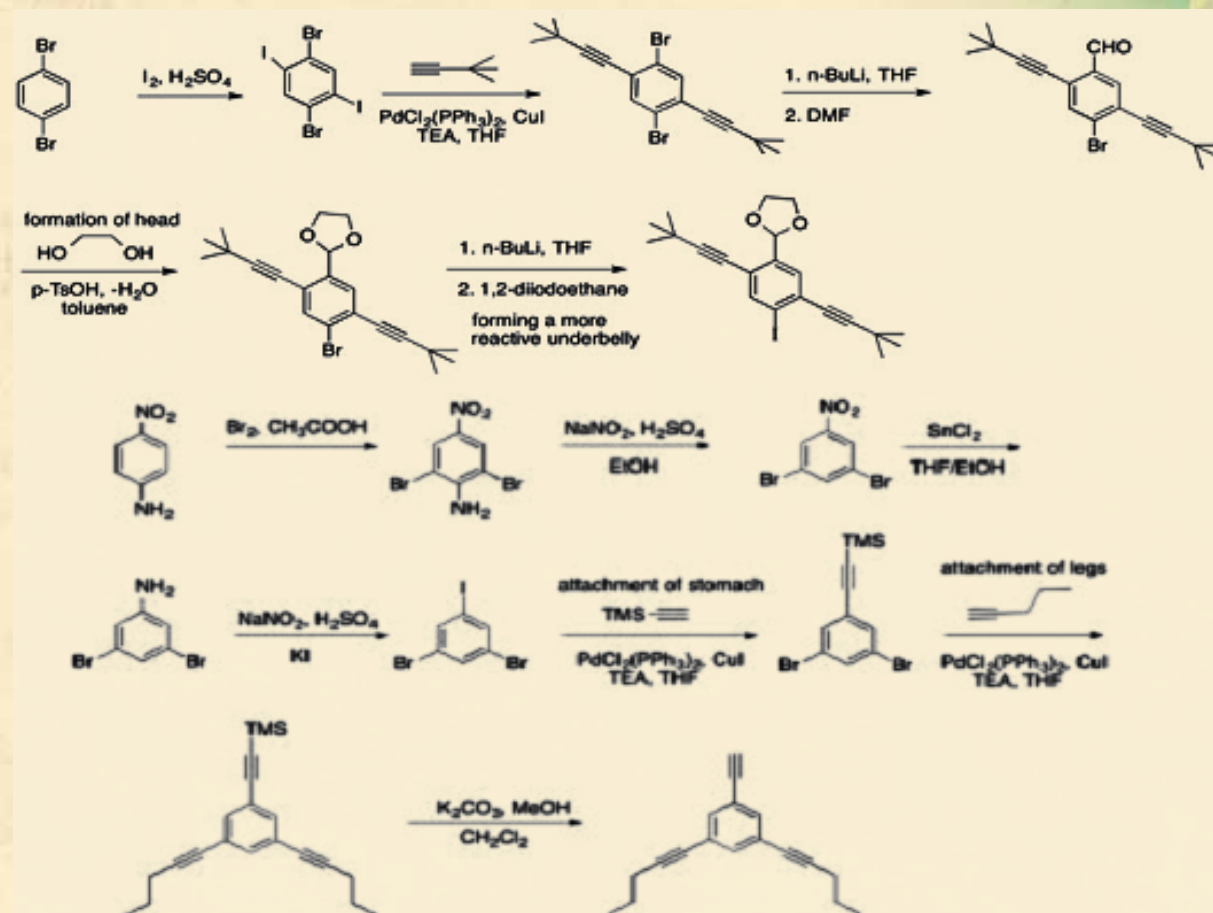
NanoPutians are a number of organic molecules whose structural formulae resemble human forms. James Tour et al. designed and synthesized these compounds in 2003 as part of a sequence of chemical education for young students. These compounds consist of two benzene rings connected via a few carbon atoms as the body, four acetylene units each alkyl group on the ends which represents the hands and feet, and 1,3-dioxolane ring as the head. Tour and his team from rice University has used NanoPutians in their programs NanoKids educational outreach activities. The purpose of this program was to educate children in the Sciences an effective and enjoyable way. They made a few videos showing NanoPutians as anthropomorphic animated characters.



Building structures depends on the coupling Sonogashira and other synthetic methods. By replacing the 1,3-dioxolane ring with the corresponding ring structures, various other types of putians were synthesized, for example, NanoAthlete, NanoPilgrim, and NanoGreenBeret. The location of the thiol R-sh functional groups at the end of the legs allows them to "stand" on the surface of gold.

"NanoPutian" is a portmanteau of the nanometer, a unit of length, usually used to define chemical compounds, and Lilliputian, a fictional race of human in the novel Gullivers Travels by Jonathan Swift. Steps for the Synthesis of upper body:

Synthesis of lower body:



Mehwish Razi  
Class: 12-C





## National Science and Mathematics Inter School Festival

1. Souparno Biswas of 8B participated in Expermithics on 28<sup>th</sup> December 2020.
2. Elina Kumar of 6E participated in Ekphrasis: Poem the picture on 28<sup>th</sup> December 2020.
3. Sohini Samanta and Raima Srivastava of Class 7-Topic: Innovative Learning of Science and Mathematics



Project on Food Pyramid



Project on TREE PLANTATION Interhouse



Competition--GOGREEN



Activity on Food Chain



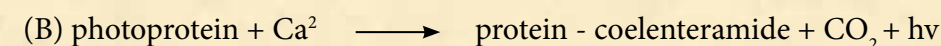
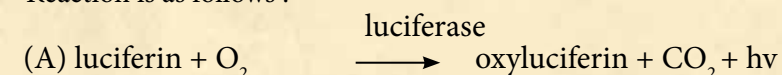
Awareness Activity on Biodiversity by Students of Class 10 (2021-22)

## The sea of Maldives glow if the water is shaken. WHY ???

It is caused due to the presence of photoemitting planktons called Lingulodiniumpolyedrum. These plankton produce light by a special process called bioluminescence. It specially happens in warm weather. The chemical reaction that results in bioluminescence requires two unique chemicals:

- 1) luciferin
- 2) luciferase or photoprotein.

Reaction is as follows :-



When we touch the water or the plankton in water gets touched to sand of sea-beach they follow this reaction to produce a blue light which is awesome to see. So the beaches of Maldives are a nice tourist spots in summer season. In new moon night its beauty magnifies due to absence of sunlight.



Pradipta Dandapat  
CLASS XII C

## Uncovering Secrets Of Heart Regeneration In Baby Mice

Baby mice might be small but they are tough enough. They are the small and cute creatures with a lot of hidden talent. For their first 7 days of life, they have the special ability to regenerate damaged heart tissue. Humans are not lucky enough in this regard as any heart injuries they suffer from might lead to permanent heart damage. So discovering regeneration capacity of heart cells in baby mice can be considered as a revolution in the scientific world as if we get to learn how they regenerate their heart cells it would be the solution of most of our heart injuries leading to permanent damage.

Scientists have cut out the apical tips from the heart of newborn mice on the days 1,2,3,4 and 9 after birth. Three weeks later the researchers sacrificed the mice and reexamined their hearts. Animals whose hearts were resected on day 1 showed minimal scarring and the hearts were approximately the same size and shape. But the mice who underwent surgery on the days 2, 3, 4 and 9 exhibited large fibrotic scars in place of regrowth. The researchers looked for the differences between the animal's transcriptomes and they were surprised to see the differences in genes related to extracellular matrix in place of the cell cycle. The extracellular matrix (ECM) of day 2 mouse hearts were approximately 50% stiffer than those of day 1 hearts. To determine whether the regeneration and stiffness were linked they disrupted the ECM formation in developing pups. They treated the pups with beta- aminopropionitrile (BAPN) and 3 days after birth the three day old pups were able to regenerate with significantly reduced fibrosis compared with controls whose ECM were intact. A team of researchers led by UNSW have developed a microchip that can help scientists study the potential of mice heart cells. This microchip combines with micro engineering and biomedicine which could pave the way for new regenerative heart medicine research. The process for identifying and separating mice heart cells is rather complex. As first scientists need to separate the proliferative cardiomyocytes from other types of cells present in heart. New born



Heart diseases have become the deadliest killer in the world today. In Australia someone dies of heart diseases every 12 minutes and every 4 hours a baby is born with a heart defect. Let us hope that the device accelerates heart disease research.

## Unexpected EVIL SPIRIT

There's been an evil pathogen  
Ravaging humans like a knife  
By defeating body's immunity  
In the form of an antigen.  
Behold VIRUS - dead that derives life  
Only with living cells in its vicinity.  
Frontline Covid workers are dying  
Everyday, to protect us from the same fate.  
Meanwhile scientists in the labs  
Have made vaccines which are developing  
Passive immunity through antibodies before it's too late  
For the IgGs to kill the virus like with stabs.  
While we wait to get vaccinated  
We must continue to be cautious  
By wearing masks always.  
And avoid places thickly populated.  
Because Coronavirus is truly atrocious  
If we don't follow safety protocols these days.

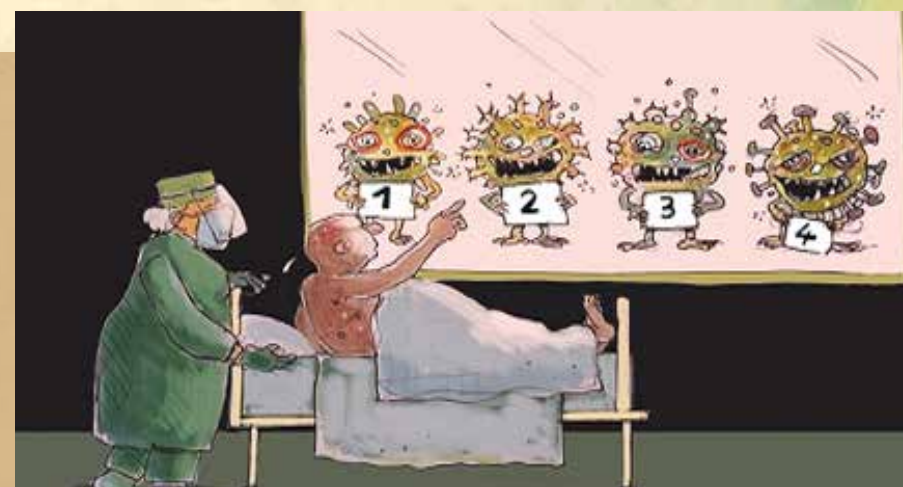
**Mugdha Chatterjee**  
CLASS XII D, 2021-22



### Comic Strip On Covid Vaccine

**Jhelum Chatterjee**  
CLASS -X

## What's up with the mutation of the SARS-Cov-2 coronavirus?



On March 31, 2021 India reported 72,019 positive cases, the highest number of cases reported this year at that time. It's been just a month and a half after that and the average number of cases reported in India everyday stands at 3,41,142. The most plausible reason for such a humongous spike in the spread of the virus is that at mid of the month of March a new "double mutant" variant of the corona virus has been detected from samples collected in India.

Like all viruses, the coronavirus keeps evolving and mutating. The vast majority of these mutations are inconsequential and don't alter the way the virus behaves. But some mutations trigger changes in the spike protein that the virus uses to latch on to and enter human cells - these variants could potentially be more infectious, cause more severe disease or evade vaccines. (The double mutant in India carries two mutations—E484Q and L452R—in the crucial spike protein part of the pathogen. Both the E484Q mutation and L452R mutation have been associated with much greater binding and antibody escape capabilities. ). On 21 April Vinod Scaria, a scientist at the CSIR-IGIB in New Delhi, reported a thread detailing the discovery of a new 'third' mutant coronavirus with a distinct set of genetic and immune escape variants. Initial sequences of the variant B.1.618 were found in West Bengal.

How is this happening? From what has been observed thus far regarding the genetic evolution of SARS-CoV-2, it appears that the virus is mutating relatively slowly as compared to other RNA viruses ( novel coronavirus mutates at a rate approximately four times slower than the influenzavirus). the main concern is that these virus variants seem to have mutated in ways that make them more easily passed from one person to another.

Coronaviruses do not have segmented genomes and cannot reassort. Instead, the coronavirus genome is made of a single, very long piece of RNA. However, when two coronaviruses infect the same cell, they can recombine, which is different than reassortment. To date, we have seen coronaviruses act like influenza viruses in generating outbreaks and now a pandemic from processes of recombination and zoonosis generating novel human coronaviruses. So far, we have seen human coronaviruses mutate but do not undergo antigenic drift. This is good news for coronavirus vaccines.

However, the contagiousness of the newer variants is all the more reason to stay careful and follow public health measures for preventing the spread of the virus – like wearing a mask, washing your hands, limiting close contact with others and getting vaccinated when you're able.

**Misbah Maaz**  
**CLASS XI-B**





## A Rendezvous With Mars

Mars is the fourth planet from the Sun and next planet beyond Earth. It is more than 142 million miles from the Sun. The planet is about half the size of Earth. A day on Mars is 24.6 hours and a year is 687 Earth days. Mars carries the name from the Roman God of War and is referred as the Red Planet. It is red because the soil looks like rusty iron. Mars has two small moons. Their names are Phobos (FOE-bohs) and Deimos (DEE-mohs)

**Perseverance Rover Mission:** The Mars 2020 Perseverance Rover

mission is part of NASA's Mars Exploration Program, a long-term effort of robotic exploration of the Red Planet. The mission addresses high-priority science goals for Mars exploration, including key questions about the potential for life on Mars.

**Perseverance Rover Mission:**

Mission Name	:	Mars 2020
Rover Name	:	Perseverance
Main Job	:	Seek signs of ancient life and collect samples of rock and regolith (broken rock and soil) for possible return to Earth.
Launch	:	July 30, 2020
Landing	:	Feb. 18, 2021, Jezero Crater, Mars

Tech Demo: The Mars Helicopter completed its 30-day technology demonstration and is now in its new operations demo phase.

Avani Sikaria  
Class X-A



## Pacific Ocean Is Never At Rest The Tectonics Of The Pacific Ring Of Fire

Ring of Fire is also known as the Circum-Pacific belt. It is a path along the Pacific Ocean characterized by active volcanoes and frequent earthquakes.

### Major tectonic plates

In the Pacific Ring of Fire, mostly, frequent earthquakes and volcanic eruptions are largely a result of plate tectonics where the massive Pacific plate interacts with less-dense plates surrounding it. The surrounding plate tectonics comprise of Pacific, Juan de Fuca, Cocos, Indo-Australian, and North-American, Nazca, Eurasian, Philippine, South-American and Scotia plates.

### Volcanoes

The Pacific Ring of Fire has 75 percent of the world's volcanoes (over 450 in number). When two plates meet, one of them is subducted causing friction, which leads to melting and solidification of magma, forming volcanoes. The lava spurts out of the over-lying crust due to high heat and pressure. There were many volcanic eruptions in the year 2021. One of them was MOUNT MERAPI ERUPTION in Indonesia. On 27<sup>th</sup> March, 2021, this 2,968-meter-high volcano on the densely populated Java Island near the ancient city of Yogyakarta erupted.

### Earthquakes

There were major earthquakes around the Pacific ring of fire. When an earthquake occurs the tension is released. Again the ring of fire starts to build up the tension causing further quakes. This results in frequent and repeated tremors. 90 percent of the world's earthquakes occur in this region, due to the movement between the various plate boundaries. There were several devastating earthquakes, some of them were; Chile earthquake in 1960, Alaska earthquake in 1964, the one which caused tsunami in the Indian Ocean in 2004 and many more.



Devanshi Mehta  
Class - VII A







## Trip to shimla

The most well known hill station in India and also the largest town in Himachal Pradesh, Shimla is the home of charming colonial style buildings set along a 12 km ridge amongst the lush green pine forests. I was lucky enough to have an opportunity to visit this beautiful hill station with my family during the last vacation. After reaching Kalka, we were amazed by the Toy train ride to Shimla which is also declared as a UNESCO World Heritage Site.

Away from the fuss of city life, it was pleasing to wander the streets of Mall Road which had many cafes, bakeries and shops. The very next morning we visited the Christ Church, the second oldest church in India (1857) and also many temples of local deities. I was in awe to see the collection of historical artifacts in the state museum. We also went for a day trek to the Ridge of Shimla where we spent the day playing with snow. Not only did we have immense fun but also the scenic beauty of the place is still so fresh in my mind.

We stayed in Shimla for 4 days and went to Dharmshala where we also visited a well known stadium and also visited the very popular Jwala temple. We enjoyed a lot in Shimla and the trip is a source of delight and beautiful experiences in our mind

**Sumit Mandal**  
Class X C



## Carbon Sequestration: A Way To Prevent Environmental Catastrophe

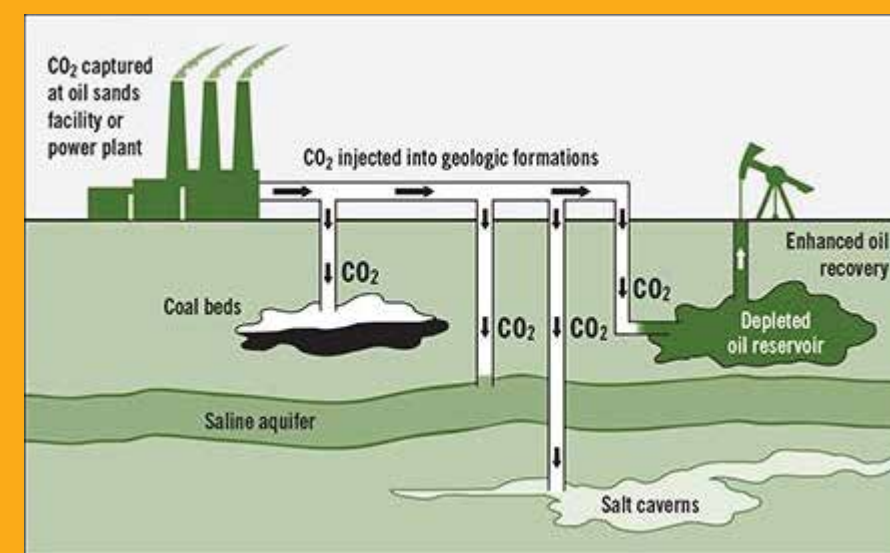
Human activities, especially the burning of fossil fuels such as coal, oil, and gas, have caused a substantial increase in the concentration of carbon dioxide ( $\text{CO}_2$ ) in the atmosphere. This increase in atmospheric  $\text{CO}_2$ —from about 280 to more than 380 parts per million (ppm) over the last 250 years—is causing measurable global warming. Potential adverse impacts include sea-level rise; increased frequency and intensity of wildfires, floods, droughts, and tropical storms; changes in the amount, timing, and distribution of rain, snow, and runoff; and disturbance of coastal marine and other ecosystems. Rising atmospheric  $\text{CO}_2$  is also increasing the absorption of  $\text{CO}_2$  by seawater, causing the ocean to become more acidic, with potentially disruptive effects on marine plankton and coral reefs.

Carbon Sequestration refers to the process of carbon dioxide capture and storage (CCS) consisting of the separation of  $\text{CO}_2$  from industrial and energy-related sources, transport to a storage location and hence, its long-term isolation from the atmosphere. The idea behind CCS is to capture the  $\text{CO}_2$  from industrial processes like coal plants, and then to store it in oceans, terrestrial environments (vegetation, soils and sediments) or in deep geological formations.

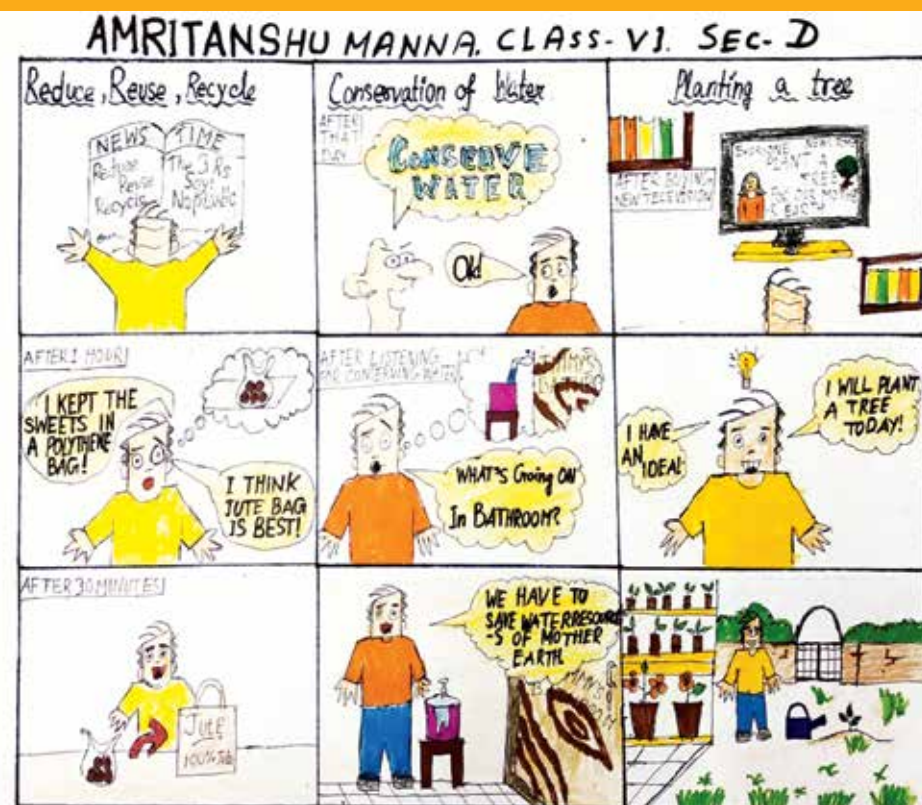
The world's oceans are the primary long-term sink for human-caused  $\text{CO}_2$  emissions, currently accounting for a global net uptake of about 2 gigatons of carbon annually. Terrestrial sequestration (sometimes termed “biological sequestration”) is typically accomplished through forest and soil conservation practices that enhance the storage of carbon (such as restoring and establishing new forests, wetlands, and grasslands) or reduce  $\text{CO}_2$  emissions (such as reducing agricultural tillage and suppressing wildfires). Geologic sequestration begins with capturing  $\text{CO}_2$  from the exhaust of fossil-fuel power plants and other major sources. The captured  $\text{CO}_2$  is piped 1 to 4 kilometres below the land surface and injected into porous rock formations. After  $\text{CO}_2$  is injected underground, it will rise buoyantly until it is trapped beneath an impermeable barrier, or seal. In principle, this physical trapping mechanism, which is identical to the natural geologic trapping of oil and gas, can retain  $\text{CO}_2$  for thousands to millions of years. Thus, the industrially produced carbon dioxide is artificially captured and stored under pressure into subsurface saline aquifers, depleted reservoirs, ocean water, aging oil fields and underground mines.

India has a huge potential of carbon capture and sequestration projects with the availability of numerous sedimentary basins.

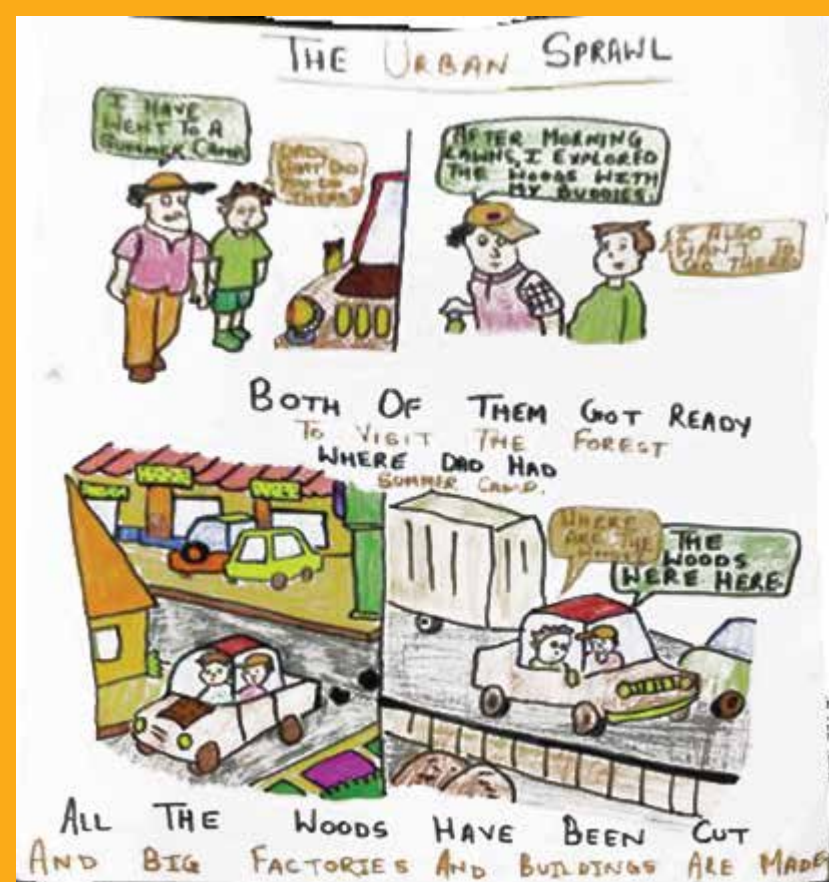
**Binota Mitra, (HOD)**  
Department of Geography







Amritanshu Manna 6D Geography project-comic strip on saving our mother earth



Urban Sprawl, Anvi Agarwal, Class - VI F

## Artificial Intelligence

Technology has involved in our lives in such a way that it has now become really difficult for us to even think of a life without it. Artificial intelligence is also one such technologies. Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions.

There are endless applications of AI. The technology can be applied to many different sectors and industries such as healthcare, finance, agriculture, education, transportation and many more. AI is being tested and used in the healthcare industry for dosing drugs and different treatment in patients, and for surgical procedures in the operating room. Artificial intelligence is also being used in financial sector, where it is used to organize operations, maintain book-keeping, invest in stocks, and manage properties. It also detects and flag activity in banking and finance such as unusual debit card usage and large account deposits. Agriculture can also be performed in a more scientific manner, increasing the yield, using AI applications.

Artificial intelligence is growing day by day

and innovations in this can lead to dynamic changes in every industry and will also impact the life of humans for good.

Nikhil Lodha  
Class: 12 Commerce



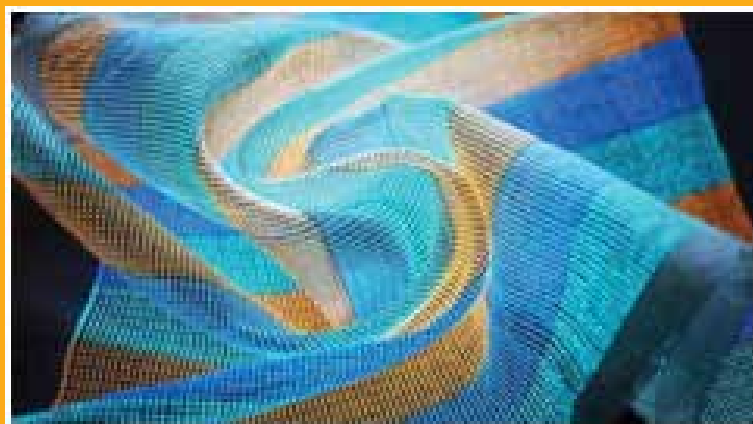


## Not a Fairy Tale

Made from a special type of polymer Electronic Display Fabric is the name of a new revolution. Foldable, washable and programmable are the features which have enabled scientists to reflect the mobile screen on one's dress.

From navigation to watching movies everything can be displayed on a dress made from this material. The Sanghai University of China is responsible for the creation of this scientific masterpiece. Generation of electricity using solar energy is yet another feature of this fabric. The fabric is also skin friendly as it allows air to pass through it. Such a day is not far when someone will be watching IPL on his/her handcluffs. Imagination gives wings to a thought; dream gives the power to take up the challenge and striving gives the fantasy a shape of reality.

**Anushka Chatterjee**  
Class: 12A



## The significance of Internet of Things (IoT)

The internet of things (IoT) is a new age of technology of interrelated computing devices such as applications, connected devices, industrial machines and more, to transfer data over a network like internet without requiring human- to- human or human- to -computer interactions.

Like humans things have also evolved due to the convergence of multiple technologies, embedded systems and commodity sensors. IoT technology is most synonyms with products pertaining to the concept of the

"Smart Home", including device and applications such as home security systems and cameras that support one or more common ecosystems. Now a person can easily monitor his/her home through smart phone even while he/she is sitting in another country.

It hasn't stopped here; rather nowadays it is helping the scientist in the same way. Now the scientists are able to monitor the progress of a whale that was operated upon and a chip was inserted in her body. Thus, we can conclude that Internet of Things (IoT) has brought a vast change in human life and technology.

**Souhadri Majumdar**  
Class: 9C

## Augmented Reality

Augmented Reality(AR) is a technology which superimposes computer-generated images on the real world through a device. It is often used by companies involved in mobile computing and business applications in particular.

Virtual reality is a complete immersive experience, whereas Augmented Reality adds to the existing world as it is.

In 1968 Ivan Sutherlands developed the first AR head mounted system also known as The Sword of Damocles. Research also shows that AR is incredibly valuable for historical, cultural and geographical research. It is also used for many purposes such as Medical Training, Retail, repair and maintenance, design and modelling, etc. Nowadays AR is also used in education and is growing in popularity as it enhances the learning of abilities like problem-solving, collaboration, and creation to better prepare students for the future.

**Ekansh Agrawal**  
Class: 9D



## Computer Science: Today And Tomorrow

Within the past few decades, Computer Science has emerged as an indispensable part of science. It has paved the way to several new research fields. Let's take a look at some of the latest inventions and plans in the field of Computer Science.

Artificial Intelligence (AI) is undoubtedly the greatest invention of the current generation. A brainchild of computer scientist John McCarthy (1956), AI is about computers learning from experiences and developing intelligence to perform cognitive tasks like the human brain. It has been successfully implemented in systems like Biometric Security and software like text editors, social media, and digital assistants.

Addressing the future, comprehensive implementation of AI coupled with Quantum Computing (processing data based on the laws of quantum mechanics) and Neuromorphic Computing (computerized modeling of the human brain and nervous system) is undoubtedly one of the most prominent aspirations of computer scientists.

Needless to say, with Computer Science developing at such a fast pace, there's a lot more to come up in the not-so-distant future.

**Anurag Chattopadhyay**  
Class: 12A



## Latest development on technologies

The world has seen a great progress in the past few decades in the field of technology and computers.

They are:

- ❖ Artificial Intelligence – is the human designed robots that contains a self-computing chip having the ability of problem solving when programmed.
- ❖ Robotic Process Automation (RPA) – is a software that automates business processes.
- ❖ Edge Computing – a new technology trend to watch cloud computing has become mainstream with players like Microsoft Azure.
- ❖ Quantum Computing – is a form of computing which takes advantage of quantum phenomena like superposition and quantum entanglement.
- ❖ Virtual And Augmented Reality – they immerse the user in an environment and enhances it respectively.
- ❖ Blockchain – a chain of data in which we can only add data but not change it nor retrieve.
- ❖ Internet of Things – has already enabled devices, home appliances, electrical gadgets connected to and exchanged over the internet.
- ❖ 5G – the 5th generation internet service is to increase the speed, bandwidth and quality of World Wide Web.

**Somshanto Ghosh**

Class: 12A

## AI: Destruction or Enslavement of Humanity

Artificial Intelligence (AI) is the ability of a computer program to learn and think. Everything can be considered Artificial intelligence if it involves a program doing something that we would normally think would rely on the intelligence of a human. John McCarthy invented the term Artificial Intelligence in the year 1950.

Advantages of AI	Disadvantages of AI
Reduction in Human Error	High Costs of Creation
Takes risks instead of Humans	Making Humans Lazy
Available 24x7	Unemployment
Helping in Repetitive Jobs	No Emotions
Digital Assistance	Lacking Out of Box Thinking
Faster Decisions	High Costs of Maintenance
Daily Applications	Misuse
New Inventions	Impact Human intelligence

Every new invention or breakthrough will have both good and bad, but we humans need to take care and use the positive sides of the invention to create a better world.

**AhanaQuazi**

Class: 5E

## Cloud Computing

Cloud computing is the delivery of different services through the Internet. These resources include tools and applications like data storage, servers, databases, networking, and software. There are three main service models of cloud computing – Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS).

Cloud computing provides increased storage capacity. It has scalability and also provides us with high performance. Most all of the cloud services come with an easy-to-use user interface and provide a feature of drag and drop. By investing in cloud computing, businesses can guarantee reliable disaster recovery and backup solutions without the hassle of setting them up on a physical device. Server crashes, power outages, desktop crashes, cybercrime, natural disasters, and employee sabotage- all present serious issues to the lifeblood of the business – your data. Of course, cloud solutions can't completely eliminate these threats, but it can protect you exponentially more than what you have right now. There is a high level of flexibility provided to companies who invest in cloud-based services. With the massive growth of cloud computing, organizations like Instagram, Netflix and Dropbox have it approaching in their companies.

**Debarpan Das**

Class: 7C

## AI: The Silent Force of our Future

AI (Artificial Intelligence) is a wide-ranging tool that enables people to rethink how to integrate information, analyze data, and use the resulting insights to improve decision making, and already it is transforming every walk of life. This is in contrast to the natural intelligence of humans and animals.

Intelligent machines perform functions such as learning, planning, reasoning, and problem-solving. Most noteworthy, Artificial Intelligence is the simulation of human intelligence by machines. It is probably the fastest-growing development in the World of technology and innovation.

General AI is very different and is the type of adaptable intellect found in humans, a flexible form of intelligence capable of learning how to carry out vastly different tasks.

While modern narrow AI may be limited to performing specific tasks, within their specialisms, these systems are sometimes capable of superhuman performances.

There have been too many breakthroughs to put together a definitive list. But in 2009 Google showed that Toyota Prius completed more than 10 journeys of 100 miles each with AI, setting society on a path towards driverless vehicles.

2020 was the year in which an AI system seemingly gained the ability to write and talk like a human, about almost any topic you could think of.

Practically all of the achievements mentioned so far stemmed from machine learning. A subset of AI accounts for the vast majority of achievements in the field in recent years. When people talk about AI today, they are generally talking about machine learning. It is where a computer system learns how to perform a task, rather than being programmed how to do so. This description of machine learning dates back to 1959 when it was coined by Arthur Samuel, a pioneer of the field who developed one of the world's first self-learning systems, the Samuel Checkers-playing Program.

AI is ubiquitous today, it is used to recommend what you should buy next online, to understanding what you say to virtual assistants, such as Amazon's Alexa and Apple's Siri, to recognize who and what is in a photo, to spot spam, or detect credit card fraud.

So, we can say AI may lead us to a future that we dreamt of similar to Sci-Fi movies.

**Raima Srivastava**

Class: 8B





## My Journey

Myself as a student of Delhi Public School, Durgapur I am very proud and happy to be a student of this school. It's been five years since the beginning of this journey. Me as a Guitarist in the ADMS department of our school, I'm really very happy that our school provides us the platform to show our talents and our school is also a perfect medium for achieving our dreams. I'm very glad that our school authority arrange every types of occasional celebrations and competitions in this pandemic situation too. To avoid the pandemic our school took the arrangements online but they continued providing opportunities to the student council and kept them motivated. Same for me, I am very happy to take part in the competition as a Guitarist from our school. From my end I should say that our school provide equal attention and importance to the Co-Curricular activities along with the education. Thank You.

**Soumyadip Ruidas**

Class : 9C

## DANCE

If life gives me a chance  
The first thing I will choose is to dance  
Like it singing to the dove  
For me my dance is my love  
Dancing is a way the whole world praise  
It's a language thtough I embrace myself  
With the feet kissing every bit of ground; hands gliding up so high —  
With each and every move of dance, my happiness rest to the sky.

Dance is a way, I create my space  
With every move my heart is embraced  
Dance is a challenge, dance is bless  
The infinite joy of being restless.  
With the stand of music, my feet will move  
And with each move, my heart will soothe  
Dance is a way to infinite pleasure —  
It's an art, it's a joy, a source of endless treasure.

**Pratiksha Goswami**

Class : 10B



## Music

Music is a vocal or instrumental sound that is being combined in such a way as to produce beauty of form, harmony, and expression of emotions. It is one of the universal cultural aspects of all human societies. Author Victor Hugo wrote that "Music expresses that which cannot be put into words and that which cannot remain silent." Henry Wadsworth Longfellow described it as "the universal language of mankind."

Music is also used as a treatment. Music Therapy is an established health profession in which music is sed within a therapeutic relationship to address physical, emotional, cognitive, and social needs of individuals. After assessing the strengths and needs of each client, the qualified music therapist provides the indicated treatment including creating, singing, moving to, and/or listening to music.

While there are many different approaches to describe the building blocks of music, we often break music down into five basic elements: melody, texture, rhythm, form, and harmony.

- **Rhythm** : (Beat, Meter, Tempo, Syncopation)
- **Melody**: (Pitch, Theme, Conjunct, Disjunction)
- **Harmony**: (Chord, Progression, Consonance, Dissonance)
- **Tone Colour**: (Register, Range, Instrumentation)

There are various forms of music. Here we will discuss about Indian classical Music.

**Indian Classical Music** is the classical music of the Indian subcontinent. It has two major traditions: the North Indian classical music tradition is called Hindustani, while the South Indian expression is called Karnatic. These traditions were not distinct until about the 16th century. During the period of Mughal rule of indian subcontinent one of the Navartnas 'Miyani Tansen' discovered Indian classical music.

Indian classical music has two foundational elements, Raga and Tala. The raga, based on a varied repertoire of swara forms the fabric of a deeply intricate melodic structure, while the tala measures the time cycle. The raga gives an artist a palette to build the melody from sounds, while the tala provides them with a creative framework for rhythmic improvisation using time. In Indian classical music the space between the notes is often more important than the notes themselves, and it traditionally eschews Western classical concepts such as harmony, counterpoint, chords, or modulation. Music is really strong and never ending but, it gives you that peace which cannot be explained in words.

**Sanvi Dutta**

Class : 8/D



*Solo Tabla Competition*





## Pros of the pandemic : Lessons Lockdown imparted on Health and Physical Education

What started in 2019 as a strange new disease in the province of Wuhan, China, went on to reach an unprecedented enough scale to be declared as a global pandemic.

Life came to a standstill throughout the world, and everything went topsy-turvy in the pandemonium that ensued across human civilisation.

Our government imposed lockdowns to handle the situation well and stop the spread of the highly contagious Corona virus.

Thus, the way of life changed, and apparently everything got negatively affected.

From financial and infrastructural development to education- every field seems to have endured losses.

However, it is the perspective that matters. If one reflects deeply on the effects of the lockdown and pandemic, it is easy to find positive ones as well.

Life before the pandemic was quite rigid and stressful. But this has seen a sea change since the advent of the lockdown.

With children being part of virtual classrooms while staying at home, and working professionals too shifting to "work from home" model of work, the fast pace of life has slowed down enough for people to relax and rejuvenate themselves, especially through Yoga and meditation.

Yoga has become an integral part of many lives, with toddlers to senior citizens indulging in this healthy practice.

It was indeed the pandemic, which made people aware of the benefits of Yoga and meditation with regards to health, and the lockdown which gave them the time to practice it.

From curing lifestyle diseases like Obesity, Hypertension, etc to maintaining mental and physical balance and body posture- the benefits of Yoga and meditation are innumerable.

And of course, its strengthening effect on the immune system is what urged people to embrace Yoga as a shield to Covid-19.

People have also become very health conscious - from ensuring proper balanced diets, to exercising to keep fit - they are keeping no stones unturned to make their bodies strong enough to fight the disease.

Of course this is a very good outcome, not only with respect to the current scenario, but also in a general sense of overall wellbeing, as supported by the cliched Greek proverb "A sound mind in a sound body". This awareness about health and the human immune system has been triggered by none other than the Corona situation.

Also, being at home and having enough time has enabled everyone to catch up with their family, have some "Me time", and get back to old hobbies (in many cases involving physical activities). Thus, a free mind ensured by these may also mean better mental health conditions.

And as health is a combination of mental, physical and social well-being, the population in general is expected to shift to the healthier side of the spectrum.

Thus, it can be concluded that the apparent disastrous situation throughout the world has ample positive effects as well.

If we take an optimistic approach, the pros may as well as balance out the cons with regards to the field of health and physical education.

The choice is ours; whether to see it as "half-glass full" or "half-glass empty". It is upon us to take a positive approach and make the best use of the opportunities offered by the situation.

**Mugdha Chatterjee**  
Class: XII

## Asanas Recommended for Lifestyle Diseases

Yoga is a word derived from Yuj which in Sanskrit means union. Yoga is the union of soul with spirit. This union of soul and spirit is a long process which may take even many births according to Hindu scriptures. Yoga is also considered as union of the nerves Ida and Pingla, union of sunnerve and moonnerve, union of negative and positive, union of Shiva (spirit) with Shakti (mother nature) and union of Mooladhar Chakra (Coccyx plexus) with Sahasrar Chakra (thousand lotus petal plexus). Yoga is a union of Prana Vayu with Apan Vayu (life current with excretion current.)

Yoga is not a religion; it is a way of living which aims at achieving "a healthy mind in a healthy body". Man is a physical, mental and spiritual being; yoga helps to promote a balanced development of all the three.

**Obesity:** Obesity is that condition of the body in which the amount of fat increases to extreme levels. Obesity can be prevented as well as cured if Vajrasana, Hastasana, Trikonasana, Ardhamatsyendrasana are practised regularly.

**Diabetes:** Diabetes is a disease in which the glucose or blood sugar level increases. Lack of secretion of insulin by the gland is the major cause of diabetes. Our liver and endocrine glands play an important role in the regulation of sugar level in the blood. Diabetes can be prevented as well as cured if Bhujangasana, Paschimottasana, Pawanmuktasana, Ardhamatsyendrasana are practised regularly.

**Asthma:** Asthma is a disease associated with respiratory tracks (air ways in the lungs).

Symptoms: excessive amount of mucus, coughing, heavy breathing, wheezing or whistling, shortness of breath, swelling of air ways, chest tightness, fatigue  
Causes of Asthma: • Allergy • Heredity • Cigarette smoking/passive smoking and polluted air. Asthma can be prevented as well as cured if Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana, Matsyasana are practised regularly.

**Hypertension:** Hypertension also known as high blood pressure (HBP) is a long-term medical condition in which the blood pressure in the arteries is persistently elevated. Hypertension can be prevented as well as cured if Tadasana, Vajrasana, Pawanmuktasana, Ardha Chakrasana, Bhujangasana, Shavasana are practised regularly.

**Apurva singh**  
Class-XII



CHAKRASANA



PASCHIMOTTANASANA





ARDHMATSEYENDRASANA



TRIKONASANA



VAJRASANA



BHUJANGASANA

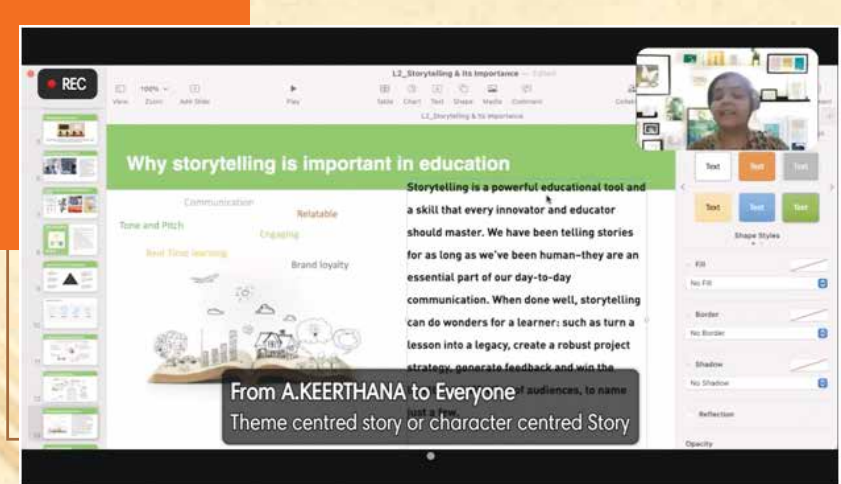


HASTASANA

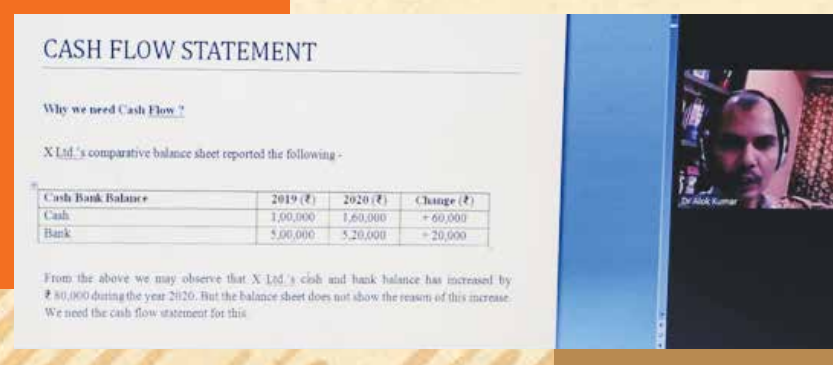
Share Knowledge, Enhance Knowledge

The teachers of Delhi Public School, Durgapur have been exposed to around 400 + webinars, organised by CBSE, DPS society and several other prestigious organisations ,in last 6 months and the number is still counting.

Oragnisers	Total Number of Workshops
CBSE	340
DPS SOCIETY	79
OTHERS	4







## IN MEMORIAM

*In memory of Jeet Bhattacharjee, a person we were blessed to know and love.*

*"May flight of Angels sing thee to thy rest"*

*Students and staff of Delhi Public School, Durgapur today unite in their grief at the tragic loss of their student, Jeet Bhattacharjee of Class-X.*

*Teachers still remember the lean, sober and inquisitive child. He was always curious and eager to ask and get his doubts clarified in classroom and beyond. The communication with the teachers was not only restricted to online classes, he would make time to call them up to remain abreast with all the lectures that he had missed.*

*An incredible artist, whose fingers played on tabla flawlessly, also joined to show his unwavering faith in God asking for strength to overcome the struggle and the pain he would go through at times. He taught his friends that irrespective of what strikes our life, the problem must be treated with absolute determination, courage and hope for betterment: his tender hands and mind of conviction have rightly justified the saying- 'and the show must go on'. The simplest measure of pleasures brought joy to Jeet, led his life to be the triumphant- never to be defeated by ...*

*We all feel a deep sorrow and sense of void at this moment that we are going through, but we also know that although he is no longer in this mortal world, he will continue to accompany us in spirit, taking care of his loved ones.*

*Let us keep his wonderful memory as an immeasurable treasure in our hearts and honour him and commemorate him throughout our lives. His smile, his deeds and his determination shall enable us to take those few steps ahead from now on.*





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