



MVN TIMES



PRIMARY NEWSLETTER

OCTOBER - DECEMBER

2020

Dear Parents

**Another year unfolds,
New paths we have to tread.
We wonder what life holds,
In the brand new year ahead.**

**Celebrate endings-
For they precede new beginnings....**

The year 2020 taught us that hope, gratitude, patience and adaptability to new ways are crucial to the fiber of mankind. With the new beginnings in the year 2021 let's carry, all the good things that will make us learn persevere, with a streak of positivism into a new rapidly changing world.

When you grow and learn with young people, you realize that courage takes on a whole new meaning. As adults, we overestimate courage and underestimate ourselves.

With young people like our students, we realize that courage is found, even in little things. Courage is aiming to jump three steps when you know your heart is beating fast and that you may fall. But still doing it because you want to test your jumping limits.

With God's grace, we accepted and embraced the challenge of these defining times and emerged as a proud and renewed venture of faith. All it took was the courage.

A few past months saw our students participating enthusiastically in various inter school tournaments. Their commitment, dedication and achievements, even during tough times left us inspired.

With all these achievements and the multitude of talents that our learners encompass, we take hope and believe in the fact that our students will always hold themselves onto the highest standards in whatever they may choose to undertake.

On that note, we, teachers are immensely proud of our students. Their achievements have been so glorious that we are humbled by being associated with them. They are worthy role-models and we, teachers are glad that we are learning with and from them just as much as they are from us.

Wishing you all beautiful moments, treasured memories and all the blessings!

Regards

Ms. Ritu Arora

PRT English

FROM THE COUNSELLOR'S DESK

DON'T CONTROL ANGER, CONTROL YOURSELF..

Many of us carry anger within us as a part of our identities. Anger issues have increased in the past few months as our lives are going through lots of ups and downs due to pandemic. With more time spent confined at homes, less fun time with friends and so many restrictions, many of us are struggling with anger outbursts every now and then.

Let us understand anger and learn how we can manage it.

Anger is an emotion which is often used as a mask to hide feelings of hurt, insecurity, inferiority, and powerlessness. By getting angry on others, we feel a false sense of power and superiority. Confident people never get into the traps of anger.

Ask yourself the following questions if you want to understand and manage your anger.

- Why are you angry? (The reason)
- How does your body feel when you get angry? (Muscles tense, grinding, face red, etc)
- What do you do when you get angry?
- Do you lock your anger up or let it loose? (You become quiet and don't give any obvious reaction but get very much disturbed or you burst out and shout, scream, hit or bang the door etc.)
- What do you say when you get angry?
- What is the outcome of your anger?

It is important to note that anger just like any other emotion is a state of mind and it is absolutely normal to feel angry sometimes in our day-to-day life. Managing anger is a skill and like any other skill, you need to learn it and practice it regularly to master it.

Practice following strategies for managing your anger:

- Identify your triggers.
- Catch your anger at the initial stage. Only then you can manage it. Once it is full blown, it is bound to burst out.
- Use words to express your anger instead of getting physical about it. Use "I statements."
- Analyze your thoughts. Can you think of any other meaning or intention of the hurtful words or actions which are making you angry?
- Include deep breathing in your daily routine to calm yourself. Practicing it when you are already into anger wouldn't be possible.

Visualize that the person you are angry with is sitting in front of you and speak up or write down whatever you want to say. This way you can empty your mind and release all the anger thoughts in a non-harming way.

Anger is not the problem but what we do with it creates problems in our lives. In fact, anger is an appropriate and just reaction to injustice, violation, betrayal etc. Express it in the right way in right amount at the right time with the right person and then instead of harming you, it will help you become a strong personality.

Archana Bapat

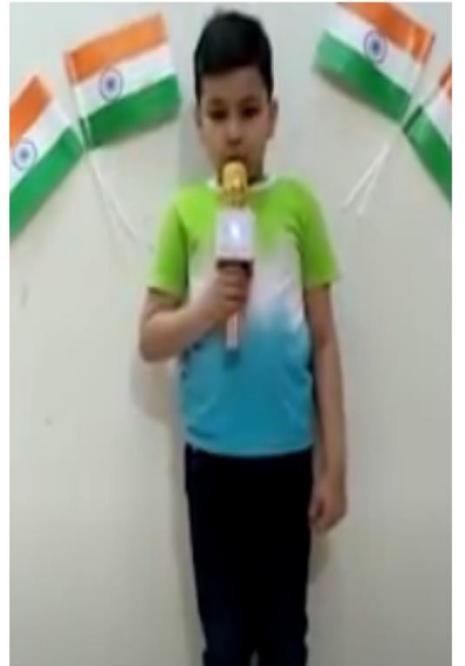
Counsellor, MVN



GANDHI JAYANTI

On the threshold of the 151st Birth Anniversary of Mahatma Gandhi, the young scholars of Grade 1 Aster paid a glowing tribute to the life and philosophy of the Father of Our Nation. From inculcating values of truth and honesty under the significance of doctrine of non-violence, the children learnt a lot about the journey of the iconic figure. A motivating speech with Gandhian quotes and message left the audience spellbound.

All the kids were enthralled by a virtual tour to Sabarmati Ashram which helped them learn about memorabilia of Gandhiji's life.



DIWALI

"WITH HAPPINESS TO ALL, AND SORROWS TO NONE
THE FESTIVAL OF LIGHT, DIWALI HAS COME.
THE STREETS SHINE BRIGHT, WITH CANDLES' LIGHT
THE FESTIVE LAMPS, TO ALL DELIGHT."

The festival of Lights – Diwali, illuminates our heart with joy , fervour and hope. The assembly presented by the students of Grade II on this occasion was a spectacle to be hold. The students dressed up as various characters of Ramayana and shared their thoughts on how to dispel the darkness from our lives with good thoughts and deeds. It was overwhelming to see these students spread positivity amongst all with their words.



ADIRA R



DIVYA



Jyansh As Valmiki



Anshu As Raja Da



Akshaj As Rama



Pooja As Suman



Dhruv As Sugreev



Harshita As Sita



Manvi Choudhary



GURU NANAK JAYANTI

BE TRUE IN THOUGHTS, WORDS AND DEEDS

JUDGE A PERSON BY HIS DEEDS

AND NOT BY HIS CLASS OR STATUS

BE KIND, THOUGHTFUL AND HUMBLE.

- GURU NANAK DEV JI

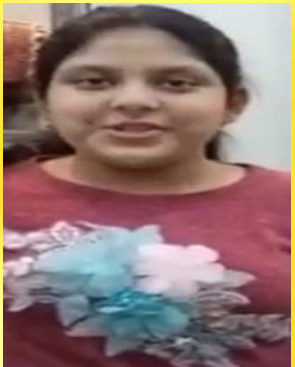
The students of Grade V Bluebells presented a virtual assembly to celebrate Kartik Purnima and Guru Nanak Jayanti. This day is celebrated by Hindus, Sikhs and Jains on the fifteenth lunar day of Kartik month of the year. It is also celebrated as Dev Diwali in Kashi (Varanasi). Students emphasized on Guruji's teachings and narrated Sakhi's based on Guruji's life. They were successful in their endeavour of spreading the message that one has to rise above caste and creed to serve humanity –for humanity is the biggest religion.



KINDNESS

"KINDNESS IS THE LANGUAGE WHICH THE DEAF CAN HEAR AND THE BLIND CAN SEE."

The students of Grade V Camellia presented a wonderful assembly on the topic- Kindness. The assembly began with thought – provoking quotes on kindness. Through a song and dance sequence the children conveyed how little deeds of kindness can make the world a better, happier and peaceful place. The assembly highlighted that random acts of kindness can contribute to our overall well being as a feeling of warmth washes over us when we are kind so- *Let's sprinkle kindness everywhere.*



PRERNA 2020

IN MEMORIAM

A LIFE WELL LIVED
*Truly a destiny's child
Whose Midas touch
Transformed lives.*



Shri Gopal Sharma - Ever True To Education

Founder - Modern Vidya Niketan

(23/02/1952 – 19/12/2004)

OUR GUIDE, OUR PRIDE.

A True Leader
With Indomitable Spirit
You Stood Tall
Had The Courage To Make
Momentous Decisions.
Your Compassion and
Understanding Touched All

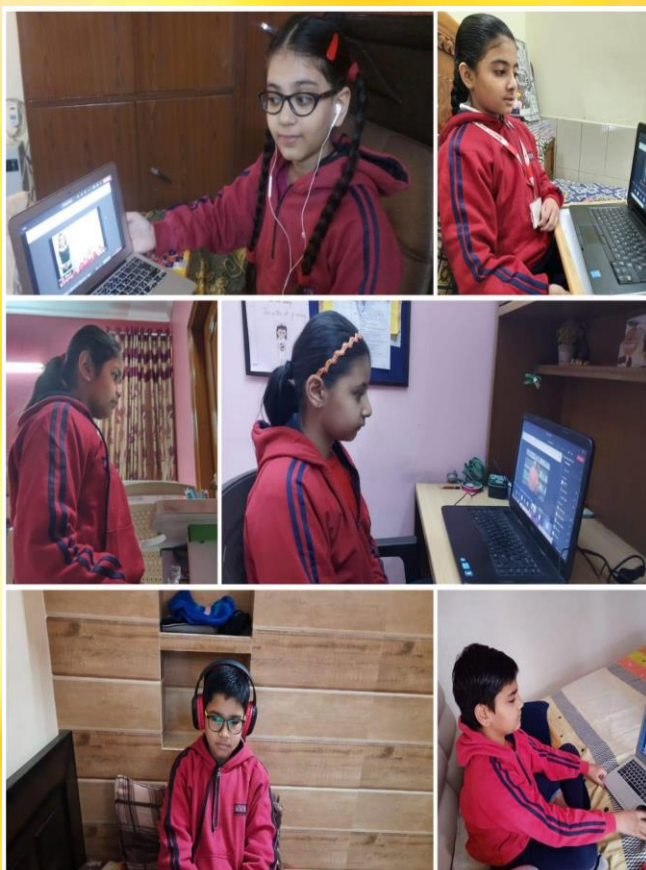
Saluting The Mentor
Whose Mission Crafted Our Past,
Strengthens Our Present And
His Vision Is A Blessing For Our Future

**IN PIOUS REVERENCE
MVN MANAGEMENT & STAFF
FAMILY & FRIENDS**



A virtual Prayer Assembly was conducted by the students from Nursery - Class 12 to pay their tribute to the Founder Principal, Shri Gopal Sharma Sir. Every year 19th December is commemorated as PRERNA DAY – for he was the light of inspiration who by his hard work, vision, commitment and perseverance had shown the way forward to the entire MVN Fraternity. The students paid their musical and floral tribute and pledged to keep his memory alive by treading on the path shown by the great visionary and educationist Principal Sir.

The 'Prerna' Song was followed by the Principal's address exhorting the students that the most revered tribute to Sir would be to inculcate self-discipline coupled with hard work to achieve the kind of success that others can only dream of. She inspired the students to take a leaf from Sir's life and follow his footsteps to achieve success in life.



CHRISTMAS ASSEMBLY

"Many are the plans in a person's heart, but it is the Lord's purpose that prevails"

Christmas is round the corner and to celebrate the birth of Jesus Christ the students of Grade IV Bluebells showcased a thought provoking skit based on the story of "The Three Trees" which emphasized on the true meaning of Christmas.

This skit conveyed that God has a beautiful plan for each one of us. Everyone carried home the message of spreading peace and joy, true to the spirit of the celebrations. Christmas or the Feast of the Nativity is an annual festival commemorating the birth of Jesus Christ. The kids of Grade I Aster celebrated this day with zeal and enthusiasm. They recited poems and sang jingles. They also enjoyed a dance performed by the most awaited person on Christmas 'Santa Claus'.



NEW YEAR CELEBRATION

Bid adieu to the year 2020 and welcome the year 2021 with a new hope and smile. "Here's to a bright New Year and a fond farewell to the old; here's to the things that are yet to come, and to the memories that we hold". May you have a healthy and prosperous New Year. The dynamic learners of Grade 3 Camellia put up their assembly on New Year. Their performances made all sing and dance. All enjoyed with the little stars, seeing them reciting poems, singing songs, dancing and delivering speeches so confidently.



CLASS ACTIVITIES



TRIBUTE TO MAHATMA GANDHI

The Birth Anniversary of Mahatma Gandhi was commemorated by the children of the primary wing through diverse activities. Gandhiji communicated with the masses through symbols and simple language to create awareness about social causes. The children paid homage to the leader through *Speak on activities, Art and Craft activities and Portrait drawing* based on his philosophy and principles.

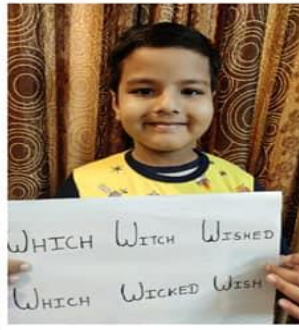
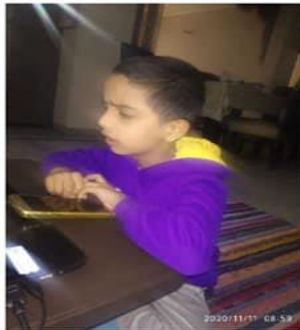
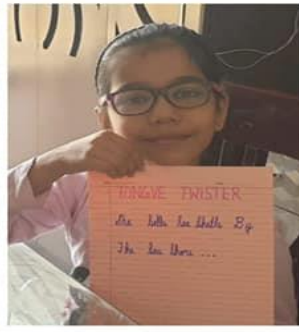
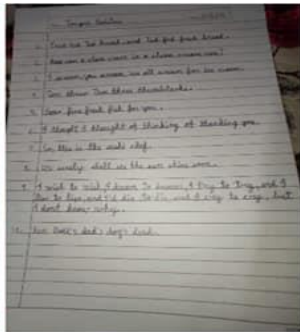
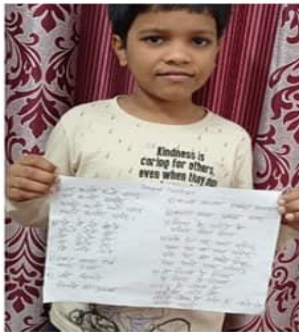


CHILDREN'S DAY CELEBRATION

MVNites celebrated Children's Day with a plethora of activities that rang in gaiety and joy amongst the kids. Grade I had an amazing time playing the 'Housie Game', their enthusiasm and gusto seemed to bring the house down with fun and laughter. Grade II could not be left far behind as they tongue twisted to outdo each other in the fun banter.

The party continued with the children of Grade III chipping in with their culinary skills playing 'Master Chef' from their homes. The pupils of Grade IV literally turned their houses upside down as they jetted around their house scavenging for the hidden treasures. The senior most class of the primary wing sent a "Message to the Universe" to rid the earth of the pandemic and bless it with health and prosperity .They released colourful balloons with their wishes and prayers written on them.

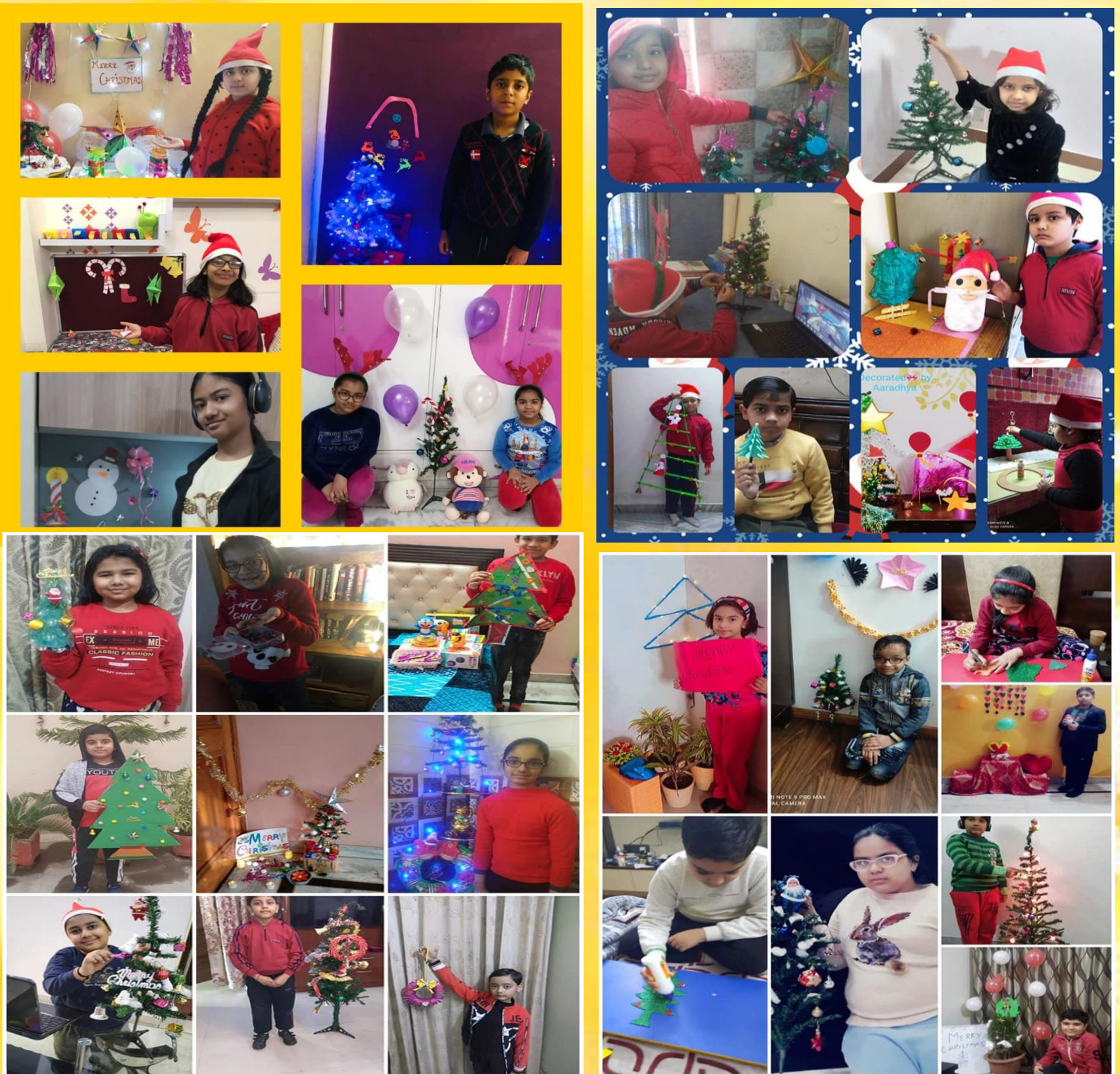




CHRISTMAS CELEBRATION

The Christmas season is finally here,
Let's bring into our classroom some holiday cheer,
We have a beautiful tree, but it's awfully bare,
So how about you bring in an ornament to share?

Christmas crafts are a great way to embrace the festive spirit of the winter season. Escaping the chilly winds by staying indoors and crafting in virtual classrooms, the students of Primary Wing released their creativity through various activities. The students of Grade 3-5 participated in 'Decorate a Corner' activity and magically transformed an empty corner in the house into a well lit up, enchanting and spectacular one.



ACTIVITY CORNER



EVENTS



MODERN VIDYA NIKETAN SR. SEC. SCHOOL
SECTOR - 17, FARIDABAD

A central graphic for 'SciFest 2020' features a lit candle at the bottom with a flame. Above the candle is a stylized atomic model with a central nucleus of blue and red spheres and several blue elliptical orbits. The background is dark blue with glowing light trails and bokeh effects. The words 'SCIFEST' and '2020' are written in large, bold, yellow, sans-serif font, centered over the graphic.

SCIFEST
2020

NOVEMBER 25 - 27, 2020

SCIFEST 2020

Virtual Inter - School Competition

EVENTS AT A GLANCE

MASQUERADE - Let's Blend With Nature



MECHANICAL MINDS - WOW: Wealth Out Of Waste



MODEL A CONCEPT - Be The Energy You Want To Attract



SUSTAINABLE SYMPOSIUM - Think Smart Before You Start



INVENTARE - Innovative Mind Creates Endless Possibilities



INTELLIGENT COMPUTING - Tomorrow Beckons



Science is a way of thinking much more than it is a body of knowledge. The pursuit of science and scientific endeavours supplements imagination and creativity which when applied to scientific principles paves the way for budding visionary dreamers and scientists. Keeping this fact in mind MVN organised the Second Edition of SCIFEST 2020 – A Virtual Inter - School Competition in pursuit of scientific knowledge for young science enthusiasts to not only promote scientific thinking through ingenious creativity, interactive presentations and improvisation of science kits and devices but also to sharpen and augment the skills of presentation and communication. The event hosted different themes for Classes I - XII. Camouflaging tactics by young buds of Grade I & II students under the category Masquerade was incredible. The curious eyes of III & IV standard employed their mechanical minds to make eco-friendly toys. The creativity and innovative ideas by V & VI standard students under the category of Model making were extraordinary. The projects of sustainable housing society in the Sustainable Symposium category of Class VII & VIII students were not only modern but practically efficient and affordable for common people. The technical skills of IX & X standard students reflected as if we are ready for the 22nd century. The intelligent computing by Class XI & XII students, surpassed the capacity of professional experts of Artificial intelligence. The participants of different schools, found the tasks given to them insightful and illuminated their ideas and skills. More than 30 esteemed institutions from Delhi & NCR participated in this event and made this endeavour a huge success.



PEDAGOGY TECHNIQUE

Today's classrooms are more diverse than ever. Students remember, understand, learn and give response in classrooms in so many different ways. Traditional teaching methods cannot meet the expectations of diverse learners. One size fit for all is an outdated approach in today's era. It is difficult to engage all learners in teaching learning process but this task becomes more strenuous when it comes to teach children with special needs. So to provide them with quality education and encourage them to participate actively is feasible with the use of Universal Design for Learning and Information and Communication Technology in education. UDL provides a flexible means of designing and implementing the instructions in an inclusive classroom. It is based upon three principles which are Multiple means of Engagement, Multiple means of Presentation and Multiple means of Expression. It gives freedom to teacher to use variety of means like ppts, video, audio books to give instructions. Teachers can modify, change the font and use different colours to highlight the significant content. Students can express their learning by taking notes, giving verbal response or taking part in discussions. ICT used with software like speech to text and text to speech gives learning disabled students an opportunity to showcase their learning in best possible manner. The role of special educator becomes pivotal as it is the duty of special educator to plan and design the lesson for special learners to facilitate their holistic development.

Madhu Sharma
Special Educator



ACHIEVEMENTS

JEE ADVANCED 2020

MVNITES WIELD THE TORCH OF GLORY AGAIN IN IIT JEE (ADVANCED): 2020.

TOTAL SELECTIONS : 68/111

TOP RANKERS



SAMPAN MANNA
AIR-371



DHRUV SINGH
AIR - 764



ADITY JAIN
AIR - 857



KUSHAGRA MITTAL
AIR - 961



SHUBH BALODI
AIR - 1165



ETIKSHA JAIN
AIR - 1303



SRISHTY GANDHI
AIR - 1378



AVISHI TANEJA
AIR - 1678



NAVNEET SINGH
AIR - 241* (1748)



KARMANJYOT SINGH
AIR - 1753



SOURAV ANAND
AIR - 67* (4345)



RANI MEENA
AIR - 71* (14289)



SHUBHAM KR. MEENA
AIR - 79* (15836)



ADITYA KR. SINGH
AIR - 675* (4220)



SHADNAM KHAN
AIR - 845* (5056)



PRASHANT CHOUDHARY
AIR - 1531* (12689)



GIRISH GADHARI
AIR - 1589* (8566)



NEET 2020

MVNITES DAZZLING MARCH TO NATIONAL ACCLAIM - AIR 292 & 367 IN NEET - 2020.

49 / 60 STUDENTS QUALIFIED IN CBSE NEET (UG) -2020

20 STUDENTS SCORED 500 MARKS & ABOVE



MANAN SINGHAL
AIR-292



ANSHIT BUDHIRAJA
AIR-367

STELLAR ACCOMPLISHMENT OF COMMERCE STUDENTS 2019-20

5 SELECTIONS IN SHRI RAM COLLEGE OF COMMERCE (SRCC)



ADITI BADOLA



TANIYA PAYLA



BHAVIKA GOYAL



DEEPAK SINGH



KARMANK GARG

MERITORIOUS MARCH TO HINDU COLLEGE



HARSH AGGARWAL



ANUSHKA JAIN

MAGNUM OPUS OF COMMERCE STUDENTS (2019-20)

SELECTED FOR
SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES

(BMS)



VANSH VASUDEVA

SELECTED FOR
LADY SHRI RAM COLLEGE FOR WOMEN

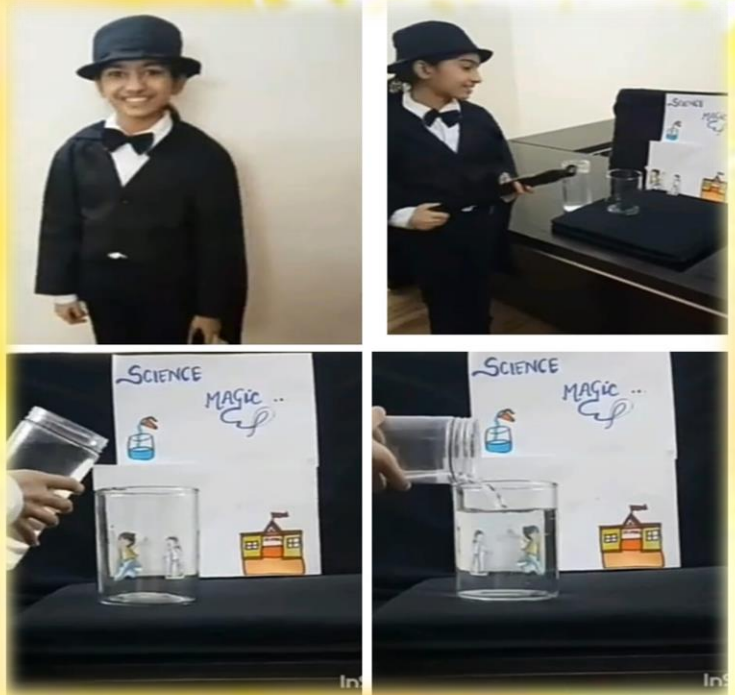
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SANYA CHAUHAN

MONTAGE - CURIOUS MIND

Anika Garg of Grade V participated in inter school competition - "Montage - Curious Minds" organised by Vidya Mandir School, Sector 15. She secured **Runner up position** in this competition by showing a magic trick on Refraction of Light.



HUNAR 2020



Sonaya Verma of Grade IV participated in an Inter School Competition - "HUNAR- CRAZY CRAFT" organised by The Modern School, Sector 88. She won **Jury Appreciation Award** in this competition. She made a beautiful dress by using newspaper.



EVOLVE -2020



WINNERS ALL THE WAY!!

EVOLVE '20 ANNUAL INTER SCHOOL TECH FEST



Event	Name	Class	Position
Show and Tell	Shiva Shaurya Singh	II	First
Fitastic (Tux paint drawing)	Maanvi Goyal	III	First
Healthy- FI (PowerPoint presentation)	Swastik Sharma	VI	First
War of Memes	Vaibhav Vasant	XI	First
Wordathon (Poster making)	Hrisha Bholewasi	IV	Third

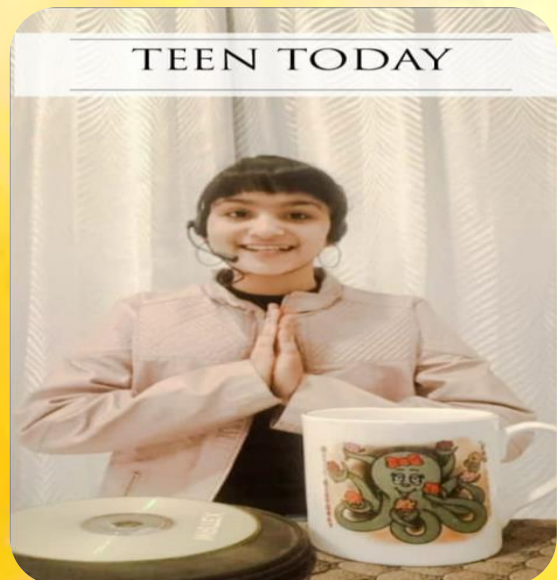
CONGRATULATIONS!!

PRERNA – THE LIGHT OF INSPIRATION 2020

'Prerna - The Light of Inspiration', an Inter School Mega event in memory of the illustrious founding father of MVN institutions, Shri Gopal Sharma, was organized by MVN Aravali Hills. The theme for this year's edition was 'Kutumb Amritam- Family, the Elixir of Life'. MVN 17 walked away with Top Citation in the event 'Fam Canopy- A Boon or a Bane'. Participants presented a talk show as a VJ on 'Teen Today: Should they be liberated from canopy of their family or not?' Dia Sher (XI -H) secured First position followed by Tanvi (XI-F) who bagged Second position.



DIA SHER



TANVI

CONGRATULATIONS

MVN

Satyameva Jayate

MVN ALUMNUS ASHIM KUMAR DUBEY

ROLL OF HONOUR

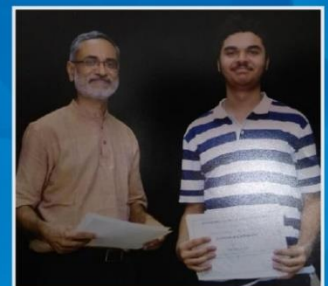


ASHIM KUMAR DUBEY (Class Nursery - XII, MVN)



Awarded by Mrs. Kanta Sharma,
Managing Director,
MVN Society

Presently
Bachelor of Science (Research)
Indian Institute of Science, Bangalore,
4th year 9.0 CGPA
Rank 1 in the Biology Stream.



HBSCE, TIFR Astronomy Olympiad
Camp OCSC with K. Subramaniam,
Centre Director, HBSCE

Ongoing Research Experience - 2020

Study of SNPs in LPS production and transport in gram negative bacteria, under the guidance of Prof. Andrew Edwards, Senior Lecturer in Molecular Microbiology, Imperial College, London.

MVN

Satyameva Jayate

MVN ALUMNUS

ASHIM KUMAR DUBEY

* **CBSE X (2015) - 10 CGPA** * **CBSE XII (2017) - 93% Agg.**

* **AIR JEE (Main) - 992**

* **AIR JEE (Advanced) - 655**

- * **NTSE (National Talent Search Examination Scholarship - 2015) - 1st Rank in Haryana**
- * **KVPY (Kishore Vaigyanik Protsahan Yojana Fellowship - 2015 - Ongoing) All India Rank - 35**
- * **39th Harry Messel International Science School Scholarship - 1 of the 5 Indian Students Selected by School of Physics, University of Sydney, Australia.**
- * **7th International Mathematics Olympiad - International Rank -1**
- * **National Commerce Olympiad, 2014 - All India Rank -2, and State Rank -1**
- * **Orientation Cum Selection Camp (OCSC), 11th International Olympiad of Astronomy and Astrophysics, Top 50 in the country.**



4th year UG, Biology Major

Research Interests

Primary Mechanisms of Antibiotic resistance and ways to combat them, Effects of stress on membranes, Drug Development and Delivery, Phage Therapy
Others Antimicrobial Peptides, Virology, Microbiology, Systems Biology

Academics

Presently **Bachelor of Science (Research)**, *Indian Institute of Science, Bangalore*, 4th year, 9.0 CGPA & Rank 1 in the Biology stream.

2017 **All India Senior School Certificate Examination, Class 12, Modern Vidya Niketan Sector - 17**, Faridabad, Haryana.

2015 **All India Secondary School Certificate Examination, Class 10, Modern Vidya Niketan Sec - 17**, Faridabad, Haryana.

Recent Achievements

2020 **Authored an inspirational autobiography**, *To fund-raise for the Covid19 pandemic*, published as a part of "Our 51 Inspirational Stories".

2019 **Co-authored a short story anthology**, *"Resistance - Tales from a Post Antibiotic World"*, published by IISc Press, as part of PhageShift, iGEM 2018.

2018 **Gold Medal, nomination for Best Software**, *iGEM project - PhageShift*, Giant Jamboree, USA.

2018 **Winner, Mimamsa**, National level group Science Quiz for Undergraduate students of years 1 to 3 pursuing STEM, by IISER Pune, India.

2017 **39th Harry Messel International Science School Scholarship**, 1 of the 5 Indian students selected, by School of Physics, University of Sydney, Australia.

Ongoing **Kishore Vaigyanik Protsahan Yojana (KVPPY) Fellowship**, *All India Rank 35 (2015-16)*, Fellowships offered to students pursuing natural sciences.

2015 – 2017 **National Talent Search Examination Scholarship**, *2014-15*, National govt. scholarship, at the higher-secondary level. Stood first, at the state level.

2017 **Indian Institute of Technology - Joint Entrance Examination**, *All India Rank (AIR) 655, out of 1.35 million applicants*.

2017 **Orientation cum Selection Camp (OCSC)**, *11th International Olympiad of Astronomy and Astrophysics*, Top 50 in the country.

2015 – 2017 **Winners, 2016-17; Finalists, 2015-16**, *Haryana State Science Quiz*, Department of Science and Technology, Govt. of Haryana, Panchkula, Haryana.

Research Experience

June 2020 - Ongoing

Study of SNPs in LPS production and transport in gram negative bacteria, under the guidance of Prof. Andrew Edwards, Senior Lecturer in Molecular Microbiology, Imperial College, London.

This study is meant to understand the differences in bacterial sensitivity to membrane targeting AMPs like colistin, by studying the impact of single nucleotide polymorphisms in clinical isolates of the genes responsible for LPS production and transport to the outer membrane, based on the probability of protein function change impacting colistin mediated bacterial death.

1 March 2019 -Ongoing

Study of phenotypic antibiotic resistance in E. coli, under the guidance of Prof. Dipankar Nandi, Department of Biochemistry, Division of Biological Sciences, Indian Institute of Science, Bangalore, 3 major components -

To study the ability of interfacial dyes 4AP - Cn (n = 9, 13) to detect antibiotic mediated changes in bacteria in collaboration with Dr. Sobhan Sen, School of Physical Sciences, JNU, Delhi. Shifts in the Fluorescence spectra of different bacterial strains with the dyes, under different conditions observed, to check for consistent patterns, to determine viability of dyes for biological use, or diagnostic usage.

Repressor - ligand binding studies to determine potential protein inhibitors - *in silico* docking of drug molecules to different proteins done for binding purposes, with emphasis on the marR repressor in *E. coli*. Drug classes with potential phenotypic activity identified, *in vitro* verification ongoing.

Studying the role of Exonuclease 7 - Growth studies and time based quantitative PCR done on mutants, single and double Knockouts made and complementation assays planned, to study the role of the 2 subunits, xseA and xseB, in bacterial stress in *E. coli*.

July-October - 2020

Drug Discovery Hackathon, MHRD Innovation Cell, Part of a team of six undergraduates from the Indian Institute of Science.

My contributions are to the following projects:

1. Development of nucleotide analogues library by performing virtual screening using molecular docking methodologies at the active site of RNA dependent RNA polymerase enzyme of SARS-COV-2
2. Construction of homology models of the wild and mutant D614G spike protein of SARS-Cov2
3. Generating and screening a small molecule library that binds to glycan groups on the Spike protein of SARS-Cov2



February-October - 2018

International Genetically Engineered Machines (iGEM) project : PhageShift, part of the IISc iGEM team, under the guidance of Dr. Sandeep Eswarappa, Prof. Umesh Varshney and Prof. Dipshikha Chakravorty, Division of Biological Sciences, Indian Institute of Science, Bangalore.

PhageShift: Two major parts –

- Phage engineering to recognize an antibiotic resistance mediating surface molecule (PACMAN);
- Engineering a lysis deficient phage with the ability of selective immune cell recruitment (PAIR) to counter toxin release;

My Contribution :

Conceptualization (primarily PAIR), Wet lab activities and Human Practices, which includes conducting surveys, interviewing stakeholders and giving talks in educational institutes. Was part of the 7 member group that presented the project at the Giant Jamboree at Boston, USA in October 2018.

Published a comprehensive review of phage regulations and a post - antibiotic short story anthology, as a part of this project.

December - 2017

“Multiwavelength investigation of the Star Forming Activity in IRAS 16164 – 5046: Search for non-thermal synchrotron emission”

National Initiative on Undergraduate Science, under the guidance of Prof. Anandmayee Tej and Prof. Sarita Vig, Indian Institute of Space Science and Technology, Thiruvananthapuram. Part of subgroup tasked with studying the region at 610 MHz from existing data to check for non-thermal radiation from a potential YSO.

Publications/Presentations

o "Antimicrobial resistance and phage therapy in the Indian context", *Current Science*, 2019, Vol. 117 Issue 4, p542-544.

o PhageShift - iGEM project at the Giant Jamboree, Boston - *Presentation*

Skills

Wet Lab RNA Isolation and qRT PCR, Generation of single/multiple gene knockouts, PCR, Confocal Microscopy, Transformation, Spotting assays, Fluorescence Associated Cell Sorting (FACS), Staining assays (Nucleic Acids, Membrane, Cytosol), Protein expression isolation and purification, phage culturing, DNA extraction and purification, MIC calculation (E – test, liquid based), Neurological EEG analysis, live/dead assays and other microbiology, molecular biology and immunology techniques. Computational MATLAB, C and Python; Ligand docking using AutoDock, PyMOL, Origin, GraphPad, ImageJ Human Practices Relevant survey taking, Science communication, Questionnaire design

Courses (Selected)

1. Graduate Level

Current Trends in Drug Discovery, Drug Delivery, Cell Mechanics, Essentials in Immunology, Microbiology, and Regeneration, Neural Signal Processing, Genetic Engineering, Molecular Oncology, Structural Biology, Biomaterials

2. Undergraduate Level

Introduction to Molecular Biology, Experiments in Microbiology and Ecology, Experiments in Biochemistry and Physiology, Probability and Statistics, Chemical Analysis - IR, NMR, UV - Vis, Experiments in Biophysics

Other Experience

2019 Co - coordinator of the drama events - theatre and street at the College Fest, Pravega.

2018 Co - started and then coordinated the UG Astronomy and Astrophysics club.

2018 Invited to attend the Nobel Prize Series, *Panjim, Goa*.

Hobbies & Other Interests

Reading, Quizzing, Amateur Astronomy, Table Tennis, Basketball, Music, Debating



International Achievements

ASHIM KUMAR DUBEY PROFILE



Ashim Kumar Dubey bagged the Gold Medal in the International Genetically Engineered Machine (iGem) competition, held in Boston, USA



Ashim Kumar Dubey Represented India in the 39th Professor Harry Messel International Science School Held at the school of Physics, The University of Sydney, Australia.



MVN
Satyameva Jayate

International Achievements

ASHIM KUMAR DUBEY
PROFILE

ISS|2017
Future|Power

The International Science School Sydney 2-15 July 2017

In the Pursuit of Excellence

The School of Physics & The Physics Foundation

within The University of Sydney

are delighted to award an ISS2017 Scholarship to

Ashim Dubey

Representing India

for the 59th Professor Harry Mossel International Science School

held at the School of Physics, The University of Sydney

from 2-15 July 2017

Prof. Tim Bedding, Head of The School of Physics

Prof. Anne Green, President of the Physics Foundation





MVN
Satyameva Jayate

ASHIM KUMAR DUBEY PROFILE



स्मृति जुबिन इरानी
Smriti Zubin Irani

मंत्री
मानव संसाधन
विकास
भारत सरकार
MINISTER
HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA

Dated: 11th July, 2015

Dear Mr. Ashim Kumar Dubey,

On going through this year's CBSE results, I am happy to learn that you have performed exceptionally well in the examination. The success in your academic career is commendable. Your resolve and efforts have made your family and teachers proud.

Please accept my heartiest congratulations on your creditable success. I hope your future will be as bright as your present. I am sure that with your determination and fortitude you will excel in your chosen career and will contribute positively towards the development of a healthy and progressive society.

Please convey my regards to your proud parents.

With Love,

Yours sincerely,

(Smriti Zubin Irani)

Mr. Ashim Kumar Dubey,
Modern Vidya Niketan Senior Sec Sch
Sector 17,
Faridabad,
Haryana - 121007.

C/04079/15799

Office: Room No. 301 'C' Wing, Shastri Bhawan, New Delhi - 110 115
Phone: 91-11-23782387, 23782698, Fax No. 01-11-23782698



National Achievements

ASHIM KUMAR DUBEY PROFILE



Ashim, and his team from IISc Bangalore secured the First Position Beating 363 teams from the top colleges across India, at MIMANSA 2018 Organized by IISER, Pune



Ashim secured the second position in the National Level of the Brainiac All India Quiz Competition Held in Chennai.



Other Achievements

ASHIM KUMAR DUBEY PROFILE



Ashim Kumar Dubey being awarded by the former Governor of Andhra Pradesh for Securing Rank-1 in the NSTSE competition.



Ashim Kumar Dubey was awarded on the sets of India's Got Talent for having won the iGenius Competition



National Achievements

ASHIM KUMAR DUBEY PROFILE



Ashim Kumar Dubey receiving his award for securing Rank 1 in the 14th NSO Award Function.



Sarod Maestro Ayan Khan awarding Ashim For securing First Rank in the Zonal Level of the BRAINIAC Competition.



National Achievements

ASHIM KUMAR DUBEY PROFILE



Ashim Kumar Dubey Secured All India Rank -2, and State Rank -1
in the National Commerce Olympiad, 2014



Ashim Kumar Dubey and his Team being awarded by Shri Ashok Khemka,
former Head of Department of Science and Technology, Haryana
For securing First Rank in the State Science Quiz.
The award ceremony was held in Kurukshetra

*One Liner Success Rule - "As long as you keep trying there's a chance.
When you give up. That's when the dream dies".*

Brandon Sanderson, Oathbringer

Miles To Go Before I Sleep



**New day, new beginning, new hope,
new way of life
Give your best and things will always
go alright..**

"B" POSITIVE