

Self-Reliance



Dr Amita Chauhan
Chairperson

Dear Amitians, as I listened to the speech of our Hon'ble PM Narendra Modi on 'Self-Reliance' or 'Atmanirbharta', I felt proud of the fact that my Amities

are very self-reliant because that's how we have been nurturing each one of you over the years. Our multitude programmes like YRoNS, AIMUN, Youth Power, Vasudha, etc., are designed in a manner to instil in each one of you sharing, caring and self-reliance at the core. These programmes aim to equip learners with key life skills like time management, discipline, self-management, etc.

'Self-reliance' has been an essential part of the lifestyle in India since ancient times. Earlier students used to be sent to 'Gurukuls' where they learnt to cook, search for food, clean up, serve their gurus and classmates, etc. Such system imparted the value of community service and also made the learners more self-reliant as they undertook various decision making roles and responsibilities throughout their lives.

In these 70 days of staying at home, most of us have learnt and are learning to do many chores on our own which we earlier probably never did. From washing dishes to doing laundry, fixing the delicious evening snack to gardening, we have been trying our hands-on everything. So, this summer vacation, let's continue doing them more because being self-reliant will not only make us value our life, but also, make us realise that we should be grateful for every small and big privilege that life accords us. 🇮🇳

Vent(it)lator robot

Breathing Life Into A Debilitated World

Dhriti Seth, AIS Gur 46, XII I

With 5.11 million people testing positive, the battle against COVID 19 has become more fierce than ever. Today, scientists, epidemiologists, researchers, and doctors around the world are putting in the best possible efforts to battle this contagion. With many innovations taking place everywhere, a young brother-duo, Vinayak and Kartik Tara, aged 8 and 12 years respectively, from Haryana's Ambala district, in India, too decided to do their bit. Their offering? A ground-breaking automated ventilator.

The making of a saviour

While India was battling the virus head-on, challenges were inevitable, and some of them rather conspicuous; one such being the shortage of ventilators. The use of less efficient manual ventilators only added to the difficulty, something their innovation could easily overcome. "Our model automates the process of hand pumping in a manual ventilator, minimizing human intervention, as is required today. When the ventilator is connected to a circuit, a balloon-like structure is compressed by a motor be-



Vinayak and Kartik with their prototype

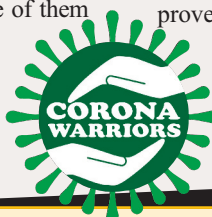
tween two wooden walls that act as artificial hands, set at a particular speed and time. All this is connected with a mobile app to accurately monitor the patient's health through it," elaborates Kartik.

"Though still a prototype, it has been tested and proven successful in helping the medical staff," added Vinayak.

The success story

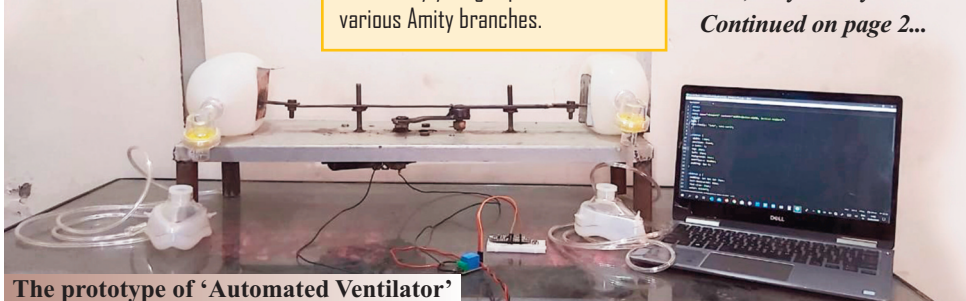
Although the prototype is ready for the world, it was not without some challenges of its own. "Due to the nationwide lockdown, we were unable to go out and shop the required equipments. Thanks to our dad and our robotics teachers who made sure we got everything we needed at the right time," says Vinayak.

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CORONA WARRIORS

Pandemics know no boundaries, and neither do warriors who battle them. This special series, running across Quarantine editions of all Amity schools, is an ode to those fighters. Highlighting stories of young change makers from within and outside Amity, this special series has been curated by young reporters across various Amity branches.



The prototype of 'Automated Ventilator'

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Vent(it)lator

Since, we convert the manual ventilators into automatic ones, we did not actually require much equipments. For the motor, we re-used the one used in a car's window, and used Arduino for controlling, keeping the design as eco-friendly and budget-friendly as possible; pricing it at around 1560 INR," further added Kartik. To make their product more accessible, the duo is currently seeking government assistance to begin bulk-manufacturing.

The thought of it

"We were horrified looking at the devastating effect of COVID-19 on the entire world. To proactively contain the spread of this contagion, we decided to help the government and health workers in this fight. The prevalent shortage of ventilators came as a threat then, crippling India in this process and so, we acted out on them first," says Kartik when quizzed about the inception of this innovation. The fact both of them have been pursuing a course in robotics for over 4 years now played a significant role in bringing this concept to reality.

If the prototype gets a nod, it could play a significant role in improving India's current predicament. However, their quest to help their country does not just end here. The duo is currently working on two more robot prototypes, both aimed at helping health workers. While the robots are still in their nascent stages, the two boys have already reach an advanced stage of patriotism, one that begins with an honest desire to serve your country. [G T](#)

WORLD TEENAGE REPORTING PROJECT

COVID-19>HOW TEENS ARE HELPING

The World Teenage Reporting Project, COVID 19 is a global collaboration of teenage reporters in newsrooms around the world who produce stories about what their peers are doing to help during the Coronavirus



The beginning of an era

Are We All Actually Ready For It?

Farhan Siddiqui, AIS Gur 46, X E

At the midnight of December 31, 2019, when the whole world was celebrating the onset of a new decade, a new year, no one could have ever predicted how disconcerted and off-the-track this year was going to leave us in its first half itself. A gigantic piece of space rock almost hit us, numerous natural disasters and tragedies befell the world and of course, COVID-19 – it has all changed the way we see the world. With over 10 million cases and more than 500k deaths world-wide, it has proven to be the biggest bump in our monotonous yet ever advancing paths. But it has imposed some very important questions too. Here, take a look.

Is it the last time we are seeing a pandemic like this?

The world was wrecked by the Spanish Flu in 1918 that took over 50 million lives and the question that came up was, 'is it the last time'? Evidently, the answer is 'no', because here we are, facing a pandemic that just keeps getting worse every day. And there is no telling if we will ever face another large out-break. The world has become a playground for humans and while it's slowly rotting, nobody seems to care enough. For, it really took another such pandemic for us humans to stay inside, be hygienic and let the world heal altogether.

Are our health systems ready for the combat?

We can't stop the outbreaks with just travel restrictions and locking people in their houses because it is not economically feasible in the long run. The real way to make outbreaks less dangerous is to build a global health system and to support core health care functions in every country, making them capable of fighting against such outbreaks. If we really want to make sure that these epidemics have the least possible impact, then we must act together as one big world, wherein every country comes together and supports each other.

Is it the start of a Bio-War for supremacy?

Every country in the world wants to be a superpower and there is no way of knowing how far one can go to achieve it. China's SARS outbreak in 2003 was and is still speculated to be a biological weapon used by the USA against China. This makes people speculate if COVID-19 is another one of such planned schemes. But nobody can be sure. Coronavirus has impacted economies all over the world, halting all development activities for superpowers like USA, Great Britain and Russia. Is it really what we are thinking it is? How much more emotional baggage is 2020 going to leave us with? Well, only time can answer that. *Alexa, bring me Doraemon's Time Machine* [G T](#)

A stroll to remember

And Lessons To Keep In Mind That Can Go A Long Way

Sayantani Dubey, AIS Gur 46, XI I


“This is so boring,” mumbled Aria, staring at her ceiling. It was a day just like the day before and the days, the previous week and every day since the lockdown began. For a child of 10, who thrived on her ability to play all the time, the lockdown took a huge toll on Aria. She missed riding her bike and hanging out with her friends. The Coronavirus wasn't her fault, so why was it punishing her?

“Maybe I should just sneak out.” The little girl said, jumping up. She peeped into her parents' room. Seeing both of them busy, Aria finally decided to go for a walk. She'd be back before they even realised she was gone. Tip-toeing across the living room, Aria stopped by the shoe rack to wear her shoes. She was so desperate to get out of her boring realm that Aria almost didn't care of the tight scolding she might have gotten when she returned. She put on her mask and commenced on a journey that felt no less adventurous than that of Huckleberry Finn.

Hopping delightfully down the stairs, she was almost on the 5th floor when she heard loud music playing from one of the flats. The door was slightly ajar, so she peered inside to find an old man dancing with his daughter. They seemed happy, as if they were at a party. How were they having fun, even while stuck at home? Turning her gaze away from the dancing pair, Aria walked down another floor. It looked from the clouds that it was going to rain later in the evening. What a shame it would be to sit at home in such beautiful weather! Aria wished she could go to the park. Reaching the 4th floor, she saw a lady step out of her house with a watering can. “Are the neighbours out of town?” Aria asked the lady. “Yes, they flew to Bangalore to bring their daughter back home from college but got stranded,” the woman replied. How unfortunate! Well, at least the lady was nice enough to water their plants. Before she could ask Aria why she was going down, the little girl continued her reckless adventure. On the 3rd floor, Aria stopped to admire the beautiful mural painted on the door of one of

the apartments. It showed a sick Earth lying on a hospital bed wearing a mask, while all the other planets stood outside the window holding a large sign that read “Get well soon, Earth!” Aria smiled as she continued down.

As Aria stepped onto the 2nd floor, the elevator door opened to reveal a boy holding three shopping bags. He told her he had gone grocery shopping to get ingredients for a new dish he was making. Who knew the college boy would cook for fun someday! “I feel good taking care of myself. The lockdown has given all of us a chance to learn almost anything, hasn't it?” he said, smiling, as he shut his door. Aria thought of what he said. The boy was right- she could do anything. She could watch movies and read her favourite books and discover new hobbies as well.

“I can finally learn calligraphy! All these people are doing their best to keep themselves happy and busy. Why was I so sad when I have so much to do!” Aria exclaimed. Rushing back up and bracing herself for a little scolding, Aria was happy to have taken a stroll to remember. 



Homebound and bored

Our Bizarre Summer Vacation

Sanvi Batra

AIS Gur 46, VIII A

The finest, most cherished part of school life pops up around May, when examinations are over and summer holidays begin. No studying, no classwork and no homework. Summer holidays are truly the time to shut off our brains and dive into a month long fest of sleeping, eating, meeting friends and sleeping some more. Even our mothers don't complain about us sleeping till late because c'mon, it's the summer hols, the fun, sunny cousin of the winter holidays. Tragically, this year our summer has been different. The school quarter winded with online classes, with students stuck at home for months courtesy of a particular pandemic doing the

rounds. Being quarantined at home, alone with your thoughts, sure is fun!

This year we don't have the option to travel to and visit cool places. We can't even go to our Nani's house. How in the world have scientists not developed e-travelling yet? At the beginning of the year, we were fantasizing about lounging in twine hammocks, sipping frothy drinks and playing in the sand on the beach. Unfortunately, this year called for sleeping and eating home cooked food, which does not sound that bad in retrospect. Our summer vacation bucket list has gone for a toss and all we can do is bake banana bread. There are no new TV shows too, owing to shooting being halted in due to the virus. The only movies and TV shows we

are watching this summer are on OTT platforms.

Since Gen Z does not play much of *gilli-danda* or *pithoo*, our gadgets are our best friends, giving us something to spend hours on, because it's not like we have any holiday homework to do right? After a good six hours of staring into a screen, life does feel monotonous sometimes. But, let's not let the pandemic bring us down. Although, we can't create medical wonders to curb the virus but we can do our part and stay inside our homes. There's a plethora of interesting and creative activities to dive into from the safety and comfort of our own space, be it the new cooking trends or Instagram trends.

So, maybe it's time we unleash our creative skills this summer vacation. Maybe a vacation quarantine won't be that bad! 🇧🇩



Covidiotic lexicals

As *Coronavirus* takes over our life, the language we use has also been infected, which is why **Udita Pannu, AIS Gurugram 46, VIII B**, brings you some new *Coronaverse* to add to your dictionary.



QUARANTINI

The last drops of your juice poured into a fancy glass and enjoyed as you ignore all the million things you should be doing instead.

ZOOM PARTY

The latest trendy venue to host all your meeting, whether an office conference or a gossiping session with your BFFs.

ISODESK

The isolated corner of the house which you seem to spend all your day scrolling on your phone while completely ignoring your assignments.

MORONA

A person who believes themselves to be invincible and acts like Corona could never infect them, so they still go out socialising and that too, without any precaution / mask.

LOCKTAIL

A refreshing and cooling lemonade that helps you deal with these corona and heatwave blues.

Chiseling The Way Out

Not Just A Time Pass, Social Media Has Solutions Too

Tanish Jain, AIS Gur 46, XI F

COVID-19 has completely changed the lives of millions of people around the world. Many are struggling to afford a square meal as they are left jobless. Now, if you remember anything from economics class, you would know that with the emergence of more small businesses, the Indian economy would skyrocket. However, this pandemic has put quite a damper on those plans, not to mention the people who started these businesses, who are, now, going into loss.

The only way for these businessmen to stay afloat is to run their businesses online. To aid these businessmen, social media platforms have integrated tools that make it easier for these people to navigate through these platforms in the following ways:



Instagram

Instagram has put forth quite a lot of measures to assist small businesses during these trying times. One of them being The Support Small Business Sticker, through this, the people can show their love and support for these small businesses on their stories. Many celebrities have been using this sticker which has statistically improved the variety of products being advertised to the public. Then there is COVID-19 Business Resources which provides for easy communication between the producers and customers and is available on professional accounts. Moreover, trending hashtags like '#coronavirus' and '#smallbusinesses' are also being used and constant support is being provided by creators.

Twitter and WhatsApp

With their 24/7 customer support for the newcomers and simplification in the GUI of the platform, Twitter has been doing a lot to support small businessmen without changing the feeling of the social platform. Whereas WhatsApp has changed its business account platform to allow easier GUI, communication computing and linking with parent company, Facebook, which provides more facilities.

Facebook

Being the parent company of Instagram and WhatsApp along with running its own platform, the Facebook team has been busy. It provides linking abilities with its

subsidiaries, allowing for a simpler model. It also provides features for business grants which links to Instagram as well, allowing for an interactive session with their consumers as well as other companies. In fact, most other provided features are in tandem with Instagram as the purpose and feeling of it is better suited for business promotions.

Social media can be a powerful tool for small and large businessmen alike. Overall, it has been doing quite a lot of good during a situation where millions of people are helpless. Hey, maybe you could finally tell your parents that social media is not a complete waste of time! [G I](#)

Fun with puns

Mansimar Kaur, AIS Gur 46, IX H

COVID19 is currently under the sun. Being bored at home I decided to have some fun. Hence, I wrote some puns:

- Finland closed its borders due to Corona. No one can cross the finish line.
- What do you tell yourself when you wake up late and realise you have a fever? Self-I-so-late.
- Did you hear the joke about germs? Never mind, let's not spread it around.
- Why do they call it the novel coronavirus?

avirus? Because it's a long story....

- So many coronavirus jokes out there, it's a pandemic.
- Why didn't the sick person get the joke? It 'flu' over his head.
- Chinese doctors have confirmed the name of the first person to contract Coronavirus. His name is Ah-Chu.

On coffee with the virus

An Eye Opener For Us, The 'Master' Species Of Earth

Divyanshi Shukla

AIS Gur 46, XI G

Coronavirus this, Coronavirus that. Millions of voices, innumerable opinions. The virus has the world feeling so shook that even earthquakes are now working freelance. It has become an absolute overnight sensation! A little background check, the word 'coronavirus' comes from the Latin word 'corona' meaning 'king'. Oh, finally, a virus which lives up to its name! A true king. How about we sit back and have some coffee with the star itself?

Ladies and gentlemen, I present to you, the haunting, the daunting, the absolute opposite of a diva, the talk of the town, the king of the meme world, COVID-19.

COVID: Are you always this fake and cheery mate?

Me: Wow, you're rude.

COVID: And your point is? My life is good, your coffee is not. I expected it to be a bit stronger because, you know, jet lag. I've been doing a lot of travelling lately.

Me: Of course.

COVID: To be honest, it's exhausting. To be the centre of

everyone's attention, to be the news headline. To be or not to be? I mean I have a lot of expectations to fulfil. The legacy of the virus family lies on my shoulders and I very well intend to uphold it. Always been a firm believer, come what may, always fulfil your responsibilities.

Dear God, what have I not done in the past few months? Shut down businesses, taken the global economy down, improved air quality, restricted everyone from stepping out of their own houses, made virtual conferencing a reality, human contact history. At times I lie down in bed, wondering, 'what did I do to deserve all this fame?' Then I realise what I did. That's it, that's the end of the story.

I don't even know what you humans keep complaining about. First, you need a long break and then when I give you all the

Netflix and chill thing you require, you whine. No wonder you guys yourself prefer animals over your own species. Oh animals! We hang out a lot these days. I promised them I'd turn time around, have them free, humans in cages. Kept it well. Also, the weather, oh the *hawaein*! Everything's so much better with humans locked-down.

But it's not like I'm inhuman (oops! pun intended). I don't really like taking away the lives of innocent people. Most of you think that I'm the villain, that I'm the bad guy, right? Well no. You do realise that there is an end to everything? And that applies to human superiority too. I know humans are fierce, intelligent and all that jazz, but that gives them no right to dominate other species, right?.

Every hero gives the villain one last chance. Well, this is mine to you. Let there be life. So, my dear humans, binge watch all you can, but learn your lessons, accept the fact that you can be wrong too. Coexist in peace. Also, wear a mask and practice social distancing, for god's sake. You small number of brats are ruining it for the rest of your kind.

Me: (Wiping away my tears) I don't know what to say anymore! 