

BRAINWARE NEWS

Weekly News Magazine

Barasat, April 18, 2020

Unknown Corona Heroes

Yash Sharma

Some people are living away from their families & risking their own lives for our safety. Police personnel, nurses, delivery boys, doctors, etc are amongst those who are going beyond their call of duty for everybody's safety. They have managed to restore our faith in humanity by working day & night on the frontline for us amidst the Coronavirus crisis. Here is a story of a police officer in Bhopal named Lokesh Sinha. He is living in a shed outside his house to protect his family from the virus. Everyday he goes to work and comes back to his makeshift home. He is living so close to his family yet so far. A similar story in Bhopal is of Sachin Nayak, a doctor who has made his car a make



Dr Sachin Nayak in his makeshift home & Nurse Sugandha with her daughter

shift home stocking it with toothbrush, shaving kit, books so that he can avoid any contact with his family. Meanwhile in Karnataka Sugandha, a nurse who is not infected but is in a 14-day quarantine after her service in the hospital, she had not seen her daughter in a long time. A heartbreaking video of Sugandha and her daughter Aishwarya at the Belagavi

Institute of Medical Sciences in Karnataka, has gone viral. In the video Sugandha and Aishwarya just look at each other at the gates of the hospital and cry their hearts out.

These are just some of the stories of our warriors. There are many such stories in our country. The sacrifices of our warriors will only be a success if we stay home and stay safe.

Lockdown-economic fallout

Jyoti Bhattacharya

The economic fallout of the COVID-19 pandemic will be grave. Unemployment, shrinkage of demand followed by recession are all inevitable.

The world is to go into negative growth rate as per the IMF. The Indian Economy will slump to a growth rate of approx 1.5-2%. Money inflow into govt coffers is low at a time when the govt must spend heavily on health, public welfare schemes offering food, shelter, hygiene and sanitation. Things are very difficult. According to Prof Abhijeet Vinayak Banerjee Govt schemes to help the weakest sections are a must at this hour. Prof Jayati Ghosh of JNU is of the opinion that India is staring at a certain economic disaster unless massive welfare schemes are initiated by the central govt. Former RBI chairman, Raghuram Rajan has been more optimistic. He said, these are unique times, hence responses will be dynamic and will evolve with time. Hopefully, working together we will pull through. Indians have weathered many a storm and risen again. Individuals, NGOs, neighbours are all doing their bit. The political leaders too have been united in their efforts. Like they say "United we stand divided we fall"... let us all stand united. This storm too shall pass.

USA: failed in victory over COVID-19?

Debkanya Banerjee

World's most powerful country the USA, now records highest number of COVID-19 cases. The USA, world's 3rd most populous country is crowned as world's largest economy. It has abundant natural resources, well developed infrastructure and technological advances. Was a poor understanding of the complexity of COVID-19, the reason for its defeat? President Trump was forewarned of its shattering impact that killed thousands of Americans and disrupted US economy. The Wuhan & USA trade records highest num-

ber of Chinese tourists to the USA. The other side of the story is the favourable climatic temperature of USA (7 degree – 15 degree celsius) that has helped the virus to spread at the primitive stage. Also if we notice then we can see that the lockdown process should have been declared much before than it happened. But economic concerns slowed down the process. In spite of having one of the advance health care fraternity, USA surpassed Italy with COVID-19 fatalities. When the entire world is fighting for survival, President Trump is signing a bill

on "Space Mining", having an edge in space research. In spite of all this, a positive side is USA conducted, the highest number of COVID-19 test in compared to other countries. The virus carrier termed as 'asymptomatic' patients are also included in the count in the USA. It is hope that, the COVID-19 phase will be over soon. But nothing goes beyond nature's decision, no matter how powerful your chair is. It is an irony that the US president never took climate change seriously. Now nature seems to take its revenge. The vocal President is now silent.

Biswaroop Biswas & Jyoti Bhattacharya

It's Noboborsho 1427 and it was almost unrecognizable! No virus can stop Bengalis from celebrating their festival. This time we had an E- Noboborsho. Attending a festival over video call or social media is nothing new. Durga puja

E –Noboborsho !

pandal hopping through social media or attending auspicious "Anjali" ritual through video calls are in trend! This Naboborsho, we missed the different types of sweets or couldn't get chance to visit our favourite restaurant and specifically missed out new

clothes but have celebrated the same, sitting back at home with homemade tasty Bengali delicacy, sweets and of course posting them on social media. Every social media platforms were flooded with naboborsho posts. So, the celebration was on.

Lockdown is mandatory. In this situation neither "chaitra sale" nor "Naboborsho shopping" took place. Many retailers made no earnings this year. We missed out "Haalkhata". Smell of new Bengali calendar was missing and the food packet by the shopkeepers. "May all be well" was the prayer of this Naboborsho.

CAMPUS, CORONA & MORE

BRAINWARE UNIVERSITY Organises
Stay indoor. Stay safe. DEFEAT CORONA.
Online competitions *Digi Star*
Registration **April 20 2020**
Submission **April 30 2020**
Contact Ms. Anandita Das **97487 71805**

Events

- Mobile film making competition
- Instrumental music competition
- Dancing competition
- Photography competition
- Rangoli making competition
- Recitation competition
- Drawing competition
- Singing competition
- Best out of waste competition
- Mobile app development competition
- Writing competition

Digi Star!

Brainware university is organizing an online competition on April 30 2020. From photography to app development brainware has opened an endless option for us. For further information regarding the events please visit student's forum. So, coronavirus cannot stop us from learning and growing.

Arogya Setu App



Arogya Setu App logo

Sohini Porel & Jyoti Bhattacharya

Prime Minister Mr Narendra Modi has initiated an innovative attempt to identify and prevent the spread of coronavirus. An app "AROGYA SETU" has been launched this month in 11 languages. Unbelievable? Let's get acquainted with this app.

Prime minister had previously announced the requirement of e-passes for emergency move during this period. The app will also advise people to undergo quarantine or home isolation in case of international or interstate move. It will also help track the move of infected people and the people they interact with thereby helping in identification of people requiring home isolation or quarantine. Further it will inform people who have been tested if they are infected.

This app will also alert you if you have infected people nearby. You will be able to know if you are in proximity of infected people through bluetooth, even identify them. Necessary precautions can therefore be taken by you.

This app can be downloaded on android phones. Hopefully this app will help us in identifying infected people.



Source- Ministry of Family and Health Welfare Govt. of India, till 18th April 2020

PLASMA TRANSFUSION TO DEFEAT CORONA IN INDIA

Shalini jha

We all know that COVID-19 is a very serious problem for the whole world and as the vaccine of COVID-19 is a long way off, US doctors have found another way to fight against coronavirus. This process is known as plasma transfusion therapy. US Food and Drug Administration(FDI) have already approved this process to treat critical COVID-19 patients. Indian Council of Medical Research(ICMR) has also approved this therapy on 13th April 2020.

Let me explain the process and how it works:

Plasma transfusion therapy is a process in which blood samples of patients who have recovered from COVID-19 are collected for better treatment. When a corona patient recovers, they gain significant neutralising antibodies which helps in recovery of other corona patients. Now the antibodies will be injected into them. This process was also used to treat the pandemic like H1N1 influenza(2009), SARS-CoV-1 epidemic(2003) and also MERS-CoV epidemic(2012). Challenges for this therapy are the blood donation rules.

*The Doner should not have trav-

el history from last 3 months, and also neither fever nor respiratory problems. Most of the survivors don't match the condition and rules. So, it's very difficult to find a doner who fulfills all the conditions. Second and main challenge is unavailability of antibody kits, but according to research a medical team from Sree Chitra Tirunal For Medical Science and Technology, merged with Rajiv Gandhi Centre of Biotechnology has developed a separate ELISA kit for this purpose. Hope this process will help many critical patients in India to fight against the COVID-19.

Masks a must against Corona

Shreya Dana & Jyoti Bhattacharya

Along with lockdown masks are now compulsory. Masks are essential to combat COVID-19, else one may use anything else to cover their mouth, the state govt has announced. Otherwise the govt may be forced to take harsh steps. The same steps have been taken by other state govt and central govt as well.

The rule may be there but do we have adequate masks?

Many colleges and universities have stepped in to bridge this gap between demand and supply. Jadavpur University has decided to manufacture sophisticated N-95 masks at low cost. Jute and Fibre technology Department of Calcutta University has also started producing masks. The department has decided to produce thousands of masks in 7-10 days. The HOD, Mr Debashish Das informed that these masks manufactured

with advanced technology are suitable for multiple uses after washing. Calcutta police has also designed and developed a face sealed mask, which covers the entire face. You may also contribute to this effort by making masks from unused cloth while remaining locked down at home. The govt, police, doctors are doing their duty. Are you? It now remains to be seen how effective these govt initiated steps will be.

Lockdown Extension

Vandana Singh

PM Modi addressed the nation on 14th April 2020, about the nationwide lockdown extension till May 3rd 2020. For nearly 20 minutes, dictating the guidelines on seven-point strategy to overcome the Coronavirus crisis. PM specified the guidelines as:

(1) Look after the senior citizen, especially with pre-

existing disease.

(2) Follow social distancing strictly and use homemade mask.

(3) Boosting immunity through guidelines issued by AYUSH Ministry.

(4) Download Arogya setu app.

(5) Help poor and needy families.

(6) Avoid job cuts and pay cuts.

(7) Show gratitude to our corona warriors.

PM Modi stated that areas with no hotspot or no new corona cases, would be allowed to resume some essential activities on partial relief from April 20th. Lockdown is the only solution to combat corona. With the decision of extending the lockdown we hope we shall Stay home & Stay safe.