







69 more die of

rate drops

Unb, Dhaka

previous day.

Covid, positivity

As the deadly coronavirus continues its onslaught in Bangladesh, health authorities reported 69 more deaths

in 24 hours until 8:00am yesterday.

With this, the total number of

Besides, 1,359 new cases were

people who died of the virus was

detected after examining 14,158

However, the positivity rate fell

to 9.60 percent from Saturday's 9.61

percent while the fatality rate rose to

1.52 percent from 1.51 percent of the

Bangladesh reported its first

coronavirus cases on March 8 last year

and the first death on the 18th of that

During this second wave, the country

reported its highest single-day deaths

It reported the highest single-day

new cases on April 7, which was 7,626.

on April 19 this year, which was 112.

samples during those 24 hours.

Press Freedom Day

200 violations of press freedom in Asia-Pacific

Half of them in South Asia, says IPI

STAFF CORRESPONDENT

Over 200 press freedom violations linked to the pandemic were reported in the Asia-Pacific region, of which about half were from Bangladesh, India, Pakistan and Nepal, stated a press release by International Press Institute (IPI).

"Seventy-one journalists faced arrests and charges for their coverage of the pandemic and its consequences in those countries, while 32 cases of physical attacks and verbal threats were reported," said the statement.

So far, IPI's has recorded 635 press freedom violations around the world related to Covid-19, it added.

"The Covid-19 pandemic has delivered a debilitating blow to press freedom across the globe. Governments have tried to stifle independent media, while an alarming number of journalists have come under attacks for their coverage of the health crisis," said the statement.

This trend has been observed to be perpetrated by "authoritarian and

illiberal-minded" regimes, it added.

Myanmar's military junta has arrested more than 70 journalists, revoked licences of independent media outlets and repeatedly blocked internet access, it said

Meanwhile, India's increasingly illiberal government, stung by widespread criticism in the media over its response to the pandemic and the large-scale farmers' protest, has stepped up legal harassment of journalists, notably through its notorious sedition law, said IPI.

"Journalists in Indian-administered Kashmir continue to face an agonising clampdown aimed at controlling news related to the territory.

coronavirus has aided the negative trend as governments use the public health crisis to restrict reporting, said IPI. Authorities have blocked access to information, arrested journalists for their coverage of the virus, and passed sweeping "fake news" laws that can be used to silence criticism, it added.

Africa ranks second in terms of arrests and charges against journalists and media outlets. Zimbabwe reported the greatest number of arrests in the region, it said.
"Numerous states have imposed

restrictions on access to information, preventing journalists from speaking to health officials or medical workers, or blocking independent media from attending press conferences," said the



A man hard at work on block printing clothes near the capital's New Market. Shoppers visit the stores to get their designs customised by the workers. The price of a block print dress depends on the design and can range from Tk 100 to Tk 500. The photo was taken on Saturday. PHOTO: ANISUR RAHMAN

after the shot. Some 22 thousand

adult volunteers in Russia took part in

the trial phase, which continued from

in the vaccine trial. A few deaths were

reported during trial, but later was

cleared as unrelated to the vaccine.

The effectiveness of the vaccine on

adults (18-60 year) was quite similar

formulation of this vaccine has been

tested during the Phase-3 trial. The

storing temperature for the frozen

vaccine is -18 degree Celsius. Another formulation of this vaccine is its powder or lyophilized form, which

can be stored at 4-8 degree Celsius in

According to the phase one and two trial reports, published in the

Lancet on September 8, 2020, both

formulations were able to produce

enough neutralising antibodies in the

blood of all participants and it also

the similar effectiveness of the frozen

form from the powder form of the

vaccine. However, there must be

adequate evidence in this regard. We

should take this fact in consideration

before choosing which formulation of

Sputnik-V could be manufactured in

developed by the century old

Gamalaya institute of Russia, is a

heterogeneous adenovirus vector

vaccine. Two different types of human

adenovirus nave been used for the two

doses of this vaccine. A rare adenovirus

species named Ad26 has been used for

This vaccine, which has been

The finding allows us to expect

elicited the desired "T-cell response".

This formulation has not yet been

only the frozen

to the elderly.

However,

a regular refrigerator.

Bangladesh.

evaluated in the Phase-3 trial.

No severe side effects were observed

September to November last year.

However, other than Sputnik-V, all vaccines of this category are single vector vaccine. In Oxford-AstraZeneca, Chimpanzee adenovirus has been used. On the other hand, Johnson & Johnson and Cansinobio has used Ad26 and Ad5 human adenovirus, respectively.

Meanwhile, a Phase-1/2 clinical trial was supposed to commence on March 30 this year in Russia, which was to determine whether Sputnik-V and Oxford-AstraZeneca vaccines can be administered as first and second

However, according to clinicaltrials. gov, this trial, which was supposed to be completed by October, has not yet started. Thus, until this trial is complete, we cannot say for sure whether mixing and matching these two vaccines will be effective, or whether it will cause any dangerous side effects or not.

Scientists, on the other hand, have opined that as both vaccines are from the same platform, administering them in a mixed and matched manner may prove effective.

The Covid-19 vaccine of Sinopharm is a killed or inactivated vaccine. In this procedure, the coronavirus is rendered inactive using chemicals and then administered as vaccine. This is a traditional tried-and-trusted method of making vaccines. Another Chinese vaccine Sinovac, India's Covaxin and France's Valneva vaccines are all killed Covid-19 vaccines.

Sinopharm is developing two Covid vaccines funded by the Chinese government. One is being developed been approved in over 60 countries. in the Beijing institute and the other in Wuhan. Bangladesh is purchasing the vaccine that comes from Beijing.

The Phase-3 clinical trial results of the Sinopharm vaccine are yet to be published in any journal. Thus, the effectiveness and side effects related details for this vaccine is not yet available. The Phase-3 trial took place in the United Arab Emirates, Egypt, Bahrain, Peru and Morocco.

As per the press release by the Sinopharm, after two doses given 28 days apart, the effectiveness of the vaccine (Beijing Institute) is 79 percent. On the other hand, the Wuhan version shows an effectiveness of 72 percent.

serious side effects, as reported in a commentary published in the BMJ, may be brought down a notch.

Can we administer different vaccine for 2nd dose? 9 April 2021. Now, the Sinopharm vaccine is awaiting the WHO approval. The decision is anticipated to be made

by next week. Previously, Sinopharm conducted the first two phases of their vaccine's trial on 96 and 224 volunteers, respectively. Fourteen days after receiving the jabs, enough neutralising antibodies were generated within the blood of 86 percent of the volunteers. However, this vaccine failed to generate the desired T-cell response, as published in the JAMA journal on August 13, 2020. For this reason, the longevity of the immunity created by this vaccine could be less, at least in

Bangladesh will be receiving half a million Sinopharm vaccines within the next two weeks. Now the question is whether this vaccine can be mixed and matched, and used along with the Oxford-AstraZeneca vaccine. As in, can the people who received the Covishield vaccine as the first dose, safely receive the Sinopharm vaccine as the second dose? The answer is still unknown.

Sinopharm and Covishield vaccines come from totally different platforms. One is a killed vaccine and the other is a live adenovirus vector vaccine. The effects and immunogenic responses of these vaccines are totally different. Currently, the UK is conducting a trial on mixing and matching the Oxford vaccine with mRNA vaccines, such as Pfizer and Moderna.

The Sputnik-V vaccine uses modern technology and its price per dose is only 10 US dollars. This vaccine has

Perhaps this vaccine will soon get approval from the World Health Organization as well. The powder formulation of this vaccine can be most suitable in our country's perspective. However, we need to assess whether it's complicated production process can be easily replicated in Bangladesh for local production.

On the other hand, Sinopharm vaccine uses traditional production procedures and can easily be manufactured by our local pharmaceutical companies. The Phase-3 trial results of this vaccine still remains unpublished. Thus, we should only administer it to our countrymen after it gets WHO approval. Each dose None of the trials has shown any of this vaccine costs 35 US dollars. If we can produce it locally, the price

Of blitz & brash in Bengal

sides taking a break from spewing venom on each other.

The two sides – the incumbent Trinamool Congress and the 'outsider' BJP, though they would not club themselves as Hum Dono - have never been frugal in spitting toxins through the last several months. Each one has been baying for the blood of a friend, who's turned his coat, and became a foe. They clocked thousands of airmiles in these months only to warn and threaten their rivals. And, in the process, they dangled endless carrots to voters, the ostensible deciders of fate for these political leaders. It's easy to lure in votes by strewing promises before a starving populace a quarter of which still survives with a per-capita income of Rs 360 (\$4.86) a month.

The high-octane polls in a land riddled with severe funds crunch have seen over Rs 100 crore being splurged on air travel for political chieftains whom we select to seal our fates. The rulers or the ruler-aspirants are draped in green or saffron or white, and they're at ease to change their shades, well, almost anytime. But the ruled remained in the red since the days of the Red and through the sweeping

Green and the intimidating Saffron. crore from the political rivals on the battleground Bengal. Social media became the virtual rehearsal room for incessant campaigns and countercampaigns, amplifying the development clonk of the politicos. The state was abuzz with the deafening slogans of a golden sunshine, eclipsing the second Lilliputian invasion of a microbe on an army of 133 crore Giants.

The toxins that some of the leaders of the world's largest democracy threw up over the last few months of campaign for the Bengal corner room would not choke you to death like coronavirus but sting you to sulk and seethe. Instead of prodding people not to breach the guidelines set for the pandemic, they indulged you to step out and crowd up in their show

of might. At the end of every rally, you returned home with the looming fear of being counted among the over four lakhs being infected by the virus every

months as the leaders belted out all sorts of expletives that rarely a political dais has staged. We saw how they went from professional attack to personal onslaughts. We witnessed both sides making vulgar gyrations, saying abusive skits, and displaying a pathetic absence of basic minimum respect that a human being deserves. Let's not talk about the rampant clashes that marred the eight-phase election process and claimed several lives.

What did we fight for? The question keeps coming back to my mind. Is it for safeguarding my religious identity or is it for securing my economic future? It serves none, to be precise. Religion takes a backseat when finances are on the blaze. In a state that has seen industries melting down across regimes, nothing is dearer than

The triumph of Mamata Banerjee is commendable in the backdrop of defection by some of her trusted lieutenants. The drubbing of the fundamentalist forces could be comforting in a state that rarely seen religious riots in the last several decades. But what about the future of an individual, of whatever religious belonging and of economic

Escape. That's the answer. Bengal cannot beckon its brains unless it cedes its tradition of political euphoria and focus on itself more constructively, instead of letting these leaders use its land for belching out the negatives they harbour.

Barbadiyon ka jasn mana ta chala

Har fikr ko dhuyen mein udata

day in this country.

We watched blithely through these

background?

based in Kolkata, India. The views expressed are personal.

a life of peace and security.

Mohammad Rafi keeps crooning.

The author is a journalist and writer

General of Drug Administration has already approved Russia's Sputnik-V

the vaccine may decline.

and China's BBIBP-CorV vaccines for emergency usage; and given nod for local co-production. There is a possibility of receiving 0.5 million shots from Sinopharm within the next two weeks. Can we, however, implement the 'mix and match" strategy using the Sputnik-V or the Sinopharm vaccine with the Oxford-AstraZeneca vaccine to continue our vaccination feat? As

uncertain. As per the World Health Organization's guidelines, in order

to achieve full protection, the second

dose has to be taken within 12 weeks

of receiving the first dose. If taken

later, the level of protection offered by

The government is now desperately

trying to procure vaccines from other

sources. The country's Directorate

in, can the people who have already received the first dose of Covishield be administered Sputnik-V or Sinopharm as the second dose? The second question is are these vaccines effective and safe? Sputnik-V or BBIBP-CorV is yet to

receive the nod from the World Health Organization. These vaccines have not received approval from European regulator (EMA), UK's regulator MHRA or the US regulator FDA either.

Recently, India, however, has given approval for using Sputnik-V in their

Drug Regulators of different countries determine how safe and effective a new drug or a vaccine is. This approval process is quite

In order to complete this process, a panel of experts scrutinise all kinds of laboratory and clinical trial data of the vaccines thoroughly. Given the current circumstances, it takes at least three to four weeks for this process to complete.

In this regard, how did Bangladesh approve these two vaccines within such a short time? Has Bangladesh ever approved a vaccine that has not been pre-approved by WHO or FDA?

How effective and safe is Sputnik-V? As per the Phase-3 trial results of Sputnik-V, published in the Lancet on 20 February 2021, the effectiveness of the two doses, given 21 days apart, is 92 percent.

The effectiveness of a single dose is 74 percent that begins from 14 days

the first dose and a common species Ad5 adenovirus has been used for the second dose. DNA Using recombinant technology, a piece of coronavirus gene has been inserted inside the

adenovirus vectors which are capable of producing Spike protein. These recombinant adenoviruses injected into the muscle as shots, which produce the spike protein to elicit an immune response against the coronavirus and eventually, builds the protective immunity.

The other vaccines developed using adenovirus vector technology include Oxford-AstraZeneca, Johnson & Johnson and China's Cansinobio

The two parties formed an alliance after being adversaries for over 70 years. But the friendliness among the top leaders

the CPIM and Congress won 76 seats. This year they are heading for just one. As of filing this report at 12:00am, TMC is poised to win 210 seats and the BJP 80 seats out of a total 296 seats.

Elections were postponed in two seats after the death of their candidates. The magic figure to form the government is 148 seats. In the last assembly polls in 2016, TMC got 211 seats, CPIM and Congress

got 76 seats and BJP got only three. TMC got 44.91 percent votes, the left and Congress won 32 percent votes while BJP achieved only 10 percent. The scenario changed in the last Lok Sabha elections (National Polls) in

it to take the WB assembly seriously enough to solidify its footprints on the West Bengal map. As soon as TMC managed to score a majority in the West Bengal

assembly, all eyes turned to the highstakes Nandigram seat, the town that catapulted Mamata to power in 2011 for the first time, where she was pitted against her aide-turned-rival Suvendu Adhikari, who joined the BJP early this

After going back and forth for

Mamata now effectively has six

months to get another shot at being elected as the Member of the Legislative Assembly (MLA). For this, an MLA from her party will have to resign so that bypolls can be held there.

Immediately after her party's landslide victory, Mamata said, "This is a victory for the people of Bengal. I am proud to say that Bengal saved the country. The Election Commission behaved badly with us -- they behaved like BJP's spokesperson. BJP played dirty politics and lost the election.

She also announced her decision to move court over "mischief" in Nandigram counting.

Addressing her first media conference in Kolkata on her feet after leaving the wheelchair, she said the first priority of her new government would be to tackle the Coviď-19 pandemic.

Prime Minister Narendra Modi last night congratulated Mamata and promised continued support to her government to "fulfil the people's aspirations and to overcome Covid-19 pandemic. Confined to a wheelchair with her leg

in a cast during most of the campaign after being attacked in Nandigram, Mamata has clearly come out as the undisputed winner in Bengal.

Riding on a blend of welfare schemes, promised doles and Bengali sub-nationalism and the catchy jingle of "khela hobey", Mamata spearheaded her Trinamool Congress to a hattrick, galloping back to power in West Bengal for the third consecutive time with a comfortable majority.

However, the BJP made history in Assam by coming back to power in the state to become the first non-Congress party to do so. The party is also set to have a share of the power pie in the tiny state of Puducherry as a junior partner of regional party All India NR Congress

While the Left Front coalition was all set to return to power in Kerala, breaking a four decade-old trend in the state, regional outfit Dravida Munnetra Kazagham is poised to sweep back to power in the southern state of Tamil Nadu.

The biggest loser of this round of elections in the five states was the Congress which was defeated comprehensively in Assam, Kerala and Puducherry, where it had held power before these elections, while in Bengal it is on the verge of extinction from the electoral scene.

The biggest and most watched election was, of course, that in West Bengal -- considered by the BJP as the 'final frontier" in its unending quest for expanding its footprints in all the states. BJP's performance in Bengal exposed its failure to produce a credible chief ministerial candidate who could match

Mamata's charisma. Mamata has clearly come out as the undisputed winner in Bengal where the BJP made it a personal battle with Prime Minister Narendra Modi.

The abiding image of the campaign was Mamata, clad in a white bluebordered saree and hawai chappal, being pushed in a wheelchair and addressing 90 public meetings across

But what overshadowed everything else is Mamata making Bengali subnationalism the central electoral plank. It was to drive this theme that she successfully stirred the "outsider (bohiragoto) versus insider" debate and played the "Joy Bangla" slogan to counter BJP's "Jai Shri Ram" chant.



has been ranked



among all the private universities in Bangladesh

Join the winning team!

01780 185006, 01978758313

8431645-52 (EXT. 1354, 1355, 1356, 1357)

Undergraduate admission for Summer 2021 Semester is now open! **Application Deadline** May 16, 2021, Sunday Apply Online www.iub.edu.bd/admission

Undergraduate Programs

B.Sc. in Economics

 BBA in • Accounting • Finance • Marketing • Manageme Management Information Systems (MIS) • International Business (IB) . Human Resources Management (HRM) Investment Management

▶ B.Sc. in • Computer Science & Engineering • Computer

- Engineering Computer Science Electrical & Electronic Engineering • Electronic & Telecommunication Engineering B.Sc.(Hons.) in • Mathematics • Physics
- ▶ B.Sc. in Environmental Management Environmental Science • Population Environment BSS in • Media & Communication • Anthropology • Sociology ▶ BA in • English Literature • English Language Teaching (ELT)
- BSS in Global Studies and Governance B.Sc. in • Microbiology • Biochemistry & Biotechnology ► Bachelor of Pharmacy (BPharm)

Bachelor of Laws (LLB Hons.)

- Tuition fee waiver up to 100% based on criteria
- Online class/on campus class as required IUB will provide insurance on
- tuition fees of the students Hostel facilities are available for

Installment payments will be

poor & meritorious female students





Independent University, Bangladesh (IUB) Creating global professionals...locally

Bittersweet win for Mamata

never trickled down to the grassroots. In the last assembly polls in 2016,

2019, when TMC got 43.69 percent votes and BJP managed to bag 40.64, leading

an entire evening, the Election Commission declared Adhikari the winner by a narrow margin from the constituency. Mamata and Suvendu alternately led in different rounds of vote counts and recounts.