

EVERYDAY CURRENT AFFAIRS – JULY 2, 2021

TAMIL NADU

- **On July 1, Chief Minister M K Stalin - inaugurated the post-Covid care clinic at Government Covid Hospital on King Institute campus in Guindy, Chennai.**



- ✓ The post Covid Care Clinic would provide specialty services, which includes general medicine, cardiology, neurology, nephrology, chest medicine, gastroenterology and psychiatry to the people who have recovered from Covid.
- ✓ The clinic would also provide lung rehabilitative services and treatment for symptoms of mucormycosis, a fungal disease
- ✓ During the event held on the eve of National Doctors Day, the CM presented an appreciation certificate to Nilgiris Collector J Innocent Divya for making Nilgiris the first district to achieve 100% vaccination
- ✓ The 600-bed exclusive Covid facility at the campus consists of an outpatient unit, testing facilities, inpatient and rehab services
- ✓ The chief minister also opened the upgraded yellow fever vaccination clinic on the campus.

- **For the first time, a full human skeleton - was discovered in one of urns found at the Sivagalai archaeological site on July 1.**



- ✓ The urns were opened in the presence of experts from the Madurai Kamaraj University.
 - ✓ Sivagalai is considered part of a civilization that flourished on the banks of the Thamirabarani thousands of years ago.
 - ✓ As burial urns were found in Sivagalai in the past, experts considered it as a burial site of the civilization that flourished in the region.
 - ✓ The second phase of excavation is underway at the site by the Tamil Nadu state department of archaeology.
 - ✓ Till now, 40 burial urns were found at various quadrants at the site
 - ✓ The previous AIADMK government had decided to set up a ₹3 crore ancient DNA testing laboratory at Madurai Kamaraj University for analysing the DNA samples of the skeletons found in the various excavation sites in the state.
 - ✓ It is being established under the guidance of the principal investigator department of genetics Dr G Kumaresan and eminent immunologist Dr R M Pitchappan.
- **The forest department - is setting up an interpretation centre named 'Vezham' (elephant) at the government timber depot on Kotagiri Road in Mettupalayam to create awareness about elephants among children.**
 - ✓ The centre would educate children about elephants in the region that is facing man–animal conflict.
 - ✓ The facility, a first-of-its-kind in Tamil Nadu, will have life-size elephant replica statues.
 - ✓ Paintings of Asian and African elephants, tusks and skull replicas will also be on display.
 - ✓ The centre is expected to be ready in six months.

NATIONAL

- **Ahmedabad-based Zydus Cadila – has applied for emergency use authorisation (EUA) to the Drug Controller General of India for ZyCoV-D, its plasmid DNA vaccine against Covid-19.**
- ✓ ZyCoV-D is the first-ever plasmid DNA vaccine intended for human use

- ✓ The vaccine, when approved, will be administered not only to adults but also to adolescents in the 12-to-18-years age group
- ✓ ZyCoV-D is a plasmid DNA vaccine which, when injected, produces the spike protein of the SARS-CoV-2 virus and develops immunity, thereby offering protection from the disease as well as viral clearance.
- ✓ ZyCoV-D has also been tested on around 1000 adolescents between 12 and 18 years in India and found to be safe and very well tolerated

3-DOSE, NEEDLE-FREE SHOT

- > ZyCoV-D is a plasmid DNA vaccine which produces spike protein of SARS-CoV-2 virus and elicits an immune response mediated by the cellular and humoral arms of the human immune system
- > ZyCov-D has a 3-dose regimen, with an interval of 28 days between each shot. Co has also evaluated a 2-dose regimen using a 3mg dose
- > Needle-free vaccine: A spring-powered device delivers shot as a narrow stream that penetrates skin
- > Can be easily adapted to deal with mutations. Zydus plans to make 10-12cr doses annually



A 17-year old receives a shot during trials in Nashik

- ✓ Healthcare and pharmaceutical major Zydus is currently setting up a new facility to manufacture its Covid-19 vaccine.
- **Nine European nations – have approved Covishield, the AstraZeneca vaccine manufactured by Serum Institute of India**
- ✓ Switzerland, Austria, Germany, Slovenia, Greece, Iceland, Ireland, Estonia and Spain have confirmed accepting Covishield for travel entry.
- ✓ Estonia has confirmed that it will recognise both vaccines authorised by the Indian government — Covishield and Covaxin — for travel of Indians to Estonia.
- ✓ India is expected to provide the same approvals to citizens of these countries.
- ✓ Meanwhile, Serum Institute has submitted an application to the European Medicines Agency for approval for the Green Pass.
- ✓ Green pass is the EU Digital Covid Certificate which will be required to travel in EU from July 1 without undergoing mandatory quarantine.
- ✓ Earlier, India requested EU member nations to accept vaccination certificate issued through CoWIN portal
- ✓ In another development, the subject expert committee has told Dr Reddy's Laboratories not to conduct a separate phase-III trial for single-dose Russian Covid-19 vaccine 'Sputnik Light' in India

- ✓ The data from the Russian phase-III trials would be used to grant marketing authorisation for the Russian vaccine

INTERNATIONAL

- **On July 1, China – celebrated the 100th anniversary of the founding of Communist Party of China**
- ✓ Chinese President and party leader Xi Jinping delivered a speech at a ceremony marking the centenary of the ruling Communist Party at Tiananmen Square in Beijing, China



- ✓ The Chinese Communist Party (CCP) was founded in secret in Shanghai's former French Concession in July 1921 by around dozen revolutionaries who were inspired by the Bolshevik Revolution of 1917 in Russia.
- ✓ One of the revolutionaries, Chen Duxiu was the CCP's first general secretary
- ✓ Mao Zedong led the CPC as military commander since 1935 and declared the founding of the People's Republic of China on October 1, 1949 at the famous Tiananmen Square
- ✓ The CCP's current general secretary is Chinese President Xi Jinping, who is considered as the most powerful Chinese leader since Mao Zedong
- ✓ Going by the strength of registered cadres, the CCP is the world's second largest political party with 9.5 crore members, after the Bharatiya Janata Party (BJP)
- ✓ The CCP is the major policy-making body in China and takes care of the central, provincial, and local organs of government to carry out its policies.

NATIONAL DAY

➤ National Doctors' Day - July 1

Dr Bidhan Chandra Roy, the second CM of West Bengal, was born on July 1, 1882. His birthday is celebrated as National Doctor's Day

Was the CM for 14 years, from 1948-1962	Was awarded the Bharat Ratna in February 1961
Founded 5 cities in Bengal: Durgapur, Kalyani, Bidhannagar, Ashokenagar & Habra	Opened several charitable hospitals: Chittaranjan Seva Sadan, Jadavpur TB Hospital, Kamla Nehru Hospital
Coincidentally, he died on July 1, 1962	National Doctor's Day is observed to show the value of doctors in our lives and to thank them for their significant roles and responsibilities



- ✓ National Doctors' Day is observed every year to honour the birth and death anniversary of great physician and second chief minister of West Bengal, Dr Bidhan Chandra Roy.
- ✓ Dr Roy was born on July 1, 1882, and passed away on July 1, 1962
- ✓ This day is observed by the Indian Medical Association to show gratitude to all those doctors who have selflessly worked for the health of their patients by risking their lives
- ✓ BC Roy, as he was popularly known, was a legendary physician, a distinguished Congress leader, an educationist and a philanthropist
- ✓ He is also the physician of Father of the nation, Mahatma Gandhi
- ✓ BC Roy was born in Patna, Bihar in a family who are the followers of Brahma Samaj, founded by Raja Ram Mohan Roy.
- ✓ After completing his graduation in Mathematics, BC Roy studied medicine at the Calcutta Medical College
- ✓ He was instrumental in setting up the Jadavpur TB Hospital, the Chittaranjan Seva Sadan for women and children, the Kamala Nehru Memorial Hospital, the Victoria Institution and the Chittaranjan Cancer Hospital.
- ✓ He played an important role in the establishment of Medical Council of India and Indian Medical Association
- ✓ He was also referred to as the first medical consultant in the subcontinent of India
- ✓ BC Roy went on to become a member of the Congress Working Committee, the mayor of Calcutta and vice-chancellor of Calcutta University.
- ✓ But he had declined the position of governor of Uttar Pradesh despite the approval of British monarch King George VI.

- ✓ BC Roy was also a journalist and edited journals “Forward”, “Bangabasi” and “Atmasakti” — started by Chittaranjan Das.
- ✓ He also edited “Liberty” and was the founding chairman of the United Press of India.
- ✓ For his outstanding contributions, BC Roy was awarded the Bharat Ratna on February 4, 1961.
- ✓ He continued working both as a doctor and Bengal chief minister till his last day
- ✓ In his honour, the first national Doctor’s Day was celebrated in 1991.

